

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051813.D
 Acq On : 11 Oct 2018 13:23
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Manual Integrations
 APPROVED

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 10/15/2018 3:00:15 PM

Quant Time: Oct 11 17:33:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	999217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1446906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1308106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	673331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447609	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	7.59	113	440924	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.09	98	1615881	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	560817	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	321452	57.95	ug/l	99
3) Chloromethane	2.06	50	311268	46.33	ug/l	99
4) Vinyl Chloride	2.18	62	486088	48.24	ug/l	99
5) Bromomethane	2.56	94	444653	48.91	ug/l	98
6) Chloroethane	2.70	64	336879	45.53	ug/l	99
7) Trichlorofluoromethane	3.01	101	671889	44.90	ug/l	99
8) Diethyl Ether	3.41	74	214776	52.05	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.75	101	406784	50.98	ug/l	98
10) Methyl Iodide	3.95	142	512803	48.77	ug/l	95
11) Tert butyl alcohol	4.79	59	169046	240.67	ug/l	100
12) 1,1-Dichloroethene	3.73	96	371040	51.74	ug/l	87
13) Acrolein	3.61	56	192867	266.71	ug/l	100
14) Allyl chloride	4.32	41	446669	49.60	ug/l #	78
15) Acrylonitrile	4.99	53	583505	255.21	ug/l	99
16) Acetone	3.82	43	476306	231.25	ug/l	99
17) Carbon Disulfide	4.05	76	994070	51.20	ug/l	100
18) Methyl Acetate	4.33	43	265762	45.19	ug/l #	85
19) Methyl tert-butyl Ether	5.05	73	1129978	50.05	ug/l	93
20) Methylene Chloride	4.55	84	407091	47.76	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	419142	49.77	ug/l	88
22) Diisopropyl ether	5.95	45	960060	48.25	ug/l #	87
23) Vinyl Acetate	5.90	43	3600755	247.35	ug/l #	91
24) 1,1-Dichloroethane	5.85	63	667182	48.80	ug/l	98
25) 2-Butanone	6.84	43	702765	241.45	ug/l #	87
26) 2,2-Dichloropropane	6.83	77	681362	49.23	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	486475	50.11	ug/l	89
28) Bromochloromethane	7.19	49	274486	47.86	ug/l #	63
29) Tetrahydrofuran	7.21	42	431131	248.56	ug/l #	80
30) Chloroform	7.37	83	788071	48.21	ug/l	98
31) Cyclohexane	7.65	56	574674	50.55	ug/l #	79
32) 1,1,1-Trichloroethane	7.57	97	766594	49.95	ug/l	96
36) 1,1-Dichloropropene	7.80	75	574007	49.00	ug/l	95
37) Ethyl Acetate	6.93	43	304569	50.64	ug/l	95
38) Carbon Tetrachloride	7.78	117	701959	51.70	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	741403	51.52	ug/l	88
40) Benzene	8.04	78	1672640	49.50	ug/l	99
41) Methacrylonitrile	7.17	41	133420	46.02	ug/l #	76
42) 1,2-Dichloroethane	8.13	62	540787	48.82	ug/l	99
43) Isopropyl Acetate	8.17	43	587709	48.46	ug/l #	96
44) Trichloroethene	8.84	130	531200	51.64	ug/l	96
45) 1,2-Dichloropropane	9.12	63	386469	48.64	ug/l	98
46) Dibromomethane	9.21	93	309051	50.69	ug/l	99
47) Bromodichloromethane	9.40	83	614978	50.48	ug/l	99
48) Methyl methacrylate	9.20	41	269531	50.31	ug/l #	79
49) 1,4-Dioxane	9.20	88	100724	963.73	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	1568991	251.32	ug/l	96
52) Toluene	10.16	92	1159876	51.12	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	620854	50.87	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	675900	50.44	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	426143	49.93	ug/l	96
56) Ethyl methacrylate	10.43	69	518690	51.60	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	652389	49.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1099211	251.14	ug/l #	88
59) 2-Hexanone	10.75	43	1086168	247.71	ug/l	96
60) Dibromochloromethane	10.90	129	527988	52.11	ug/l	99
61) 1,2-Dibromoethane	11.01	107	453431	51.58	ug/l	100
64) Tetrachloroethene	10.63	164	498710	49.71	ug/l	99
65) Chlorobenzene	11.44	112	1338370	50.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	518274	51.40	ug/l	99
67) Ethyl Benzene	11.51	91	2252388	51.43	ug/l	96
68) m/p-Xylenes	11.62	106	1828092	103.34	ug/l	95
69) o-Xylene	11.95	106	881641	51.31	ug/l	94
70) Styrene	11.96	104	1409264	53.17	ug/l	99
71) Bromoform	12.13	173	360788	45.76	ug/l #	99
73) Isopropylbenzene	12.25	105	2400318	46.26	ug/l	98
74) N-amyl acetate	12.07	43	509205	49.49	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	517304	45.39	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	361385m	43.44	ug/l	
77) Bromobenzene	12.53	156	609418	47.11	ug/l	88
78) n-propylbenzene	12.59	91	2625488	48.32	ug/l	96
79) 2-Chlorotoluene	12.68	91	1508238	46.08	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2005406	47.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	144792	49.52	ug/l	96
82) 4-Chlorotoluene	12.77	91	1535176	48.81	ug/l	95
83) tert-Butylbenzene	12.99	119	1837344	46.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2028809	48.20	ug/l	98
85) sec-Butylbenzene	13.17	105	2430053	47.84	ug/l	98
86) p-Isopropyltoluene	13.29	119	2209743	49.46	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1114856	50.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1087865	50.73	ug/l	99
89) n-Butylbenzene	13.62	91	1754724	52.83	ug/l	98
90) Hexachloroethane	13.88	117	381694	47.08	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1084010	50.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84005	50.07	ug/l	88

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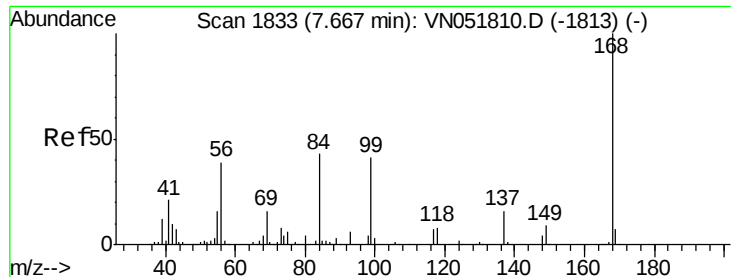
Quant Time: Oct 11 17:33:14 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 11 13:17:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	560992	49.69	ug/l	99
94) Hexachlorobutadiene	15.01	225	348690	50.45	ug/l	98
95) Naphthalene	15.14	128	1212393	48.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	549693	50.14	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 168 Resp: 999217

Ion Ratio Lower Upper

168 100

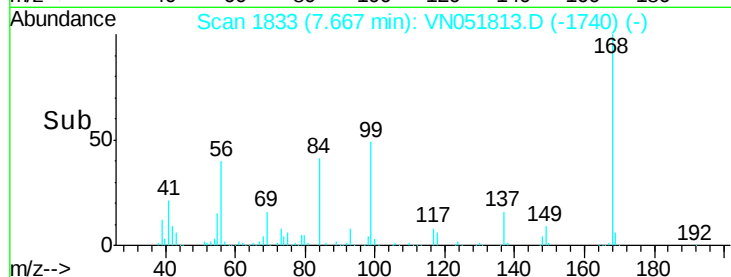
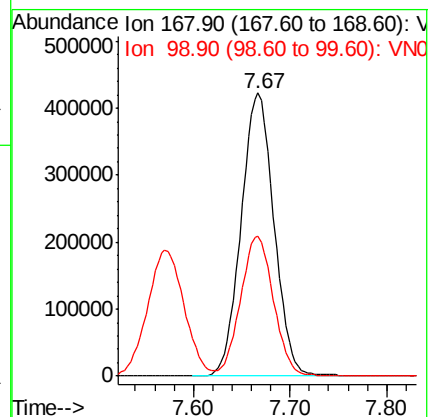
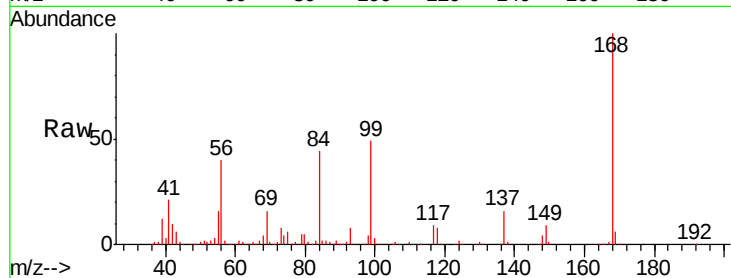
99 49.2 39.6 59.4

Manual Integrations

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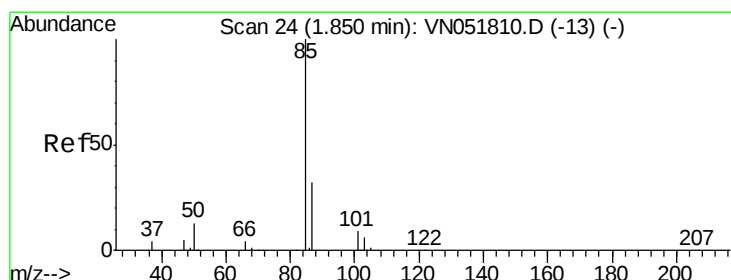
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#2

Dichlorodifluoromethane

Concen: 57.95 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051813.D

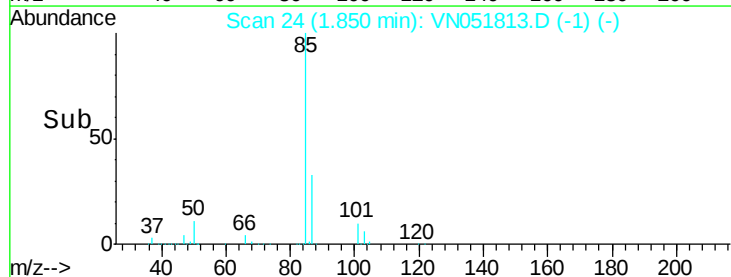
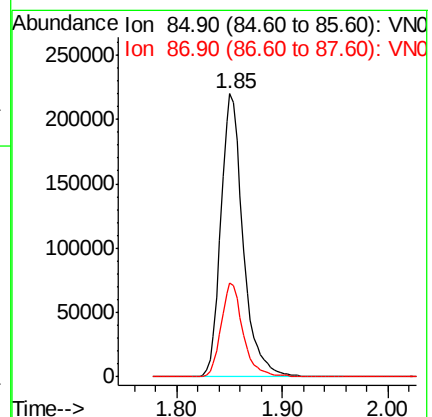
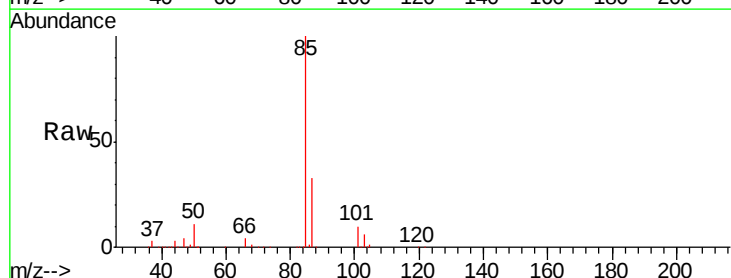
Acq: 11 Oct 2018 13:23

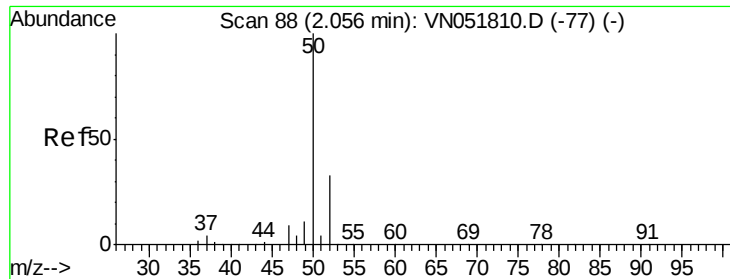
Tgt Ion: 85 Resp: 321452

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1





#3

Chloromethane

Concen: 46.33 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 50 Resp: 311268

Ion Ratio Lower Upper

50 100

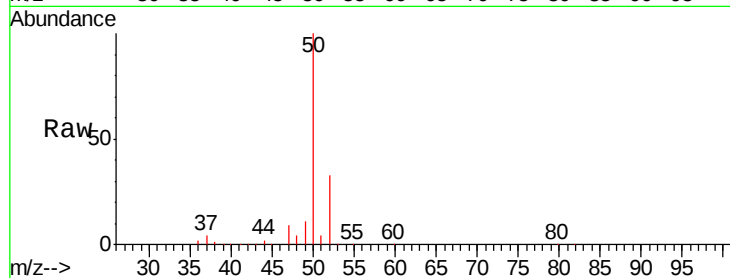
52 33.4 26.3 39.5

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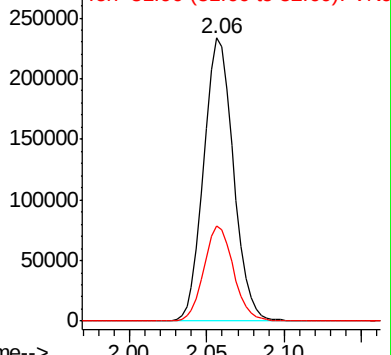
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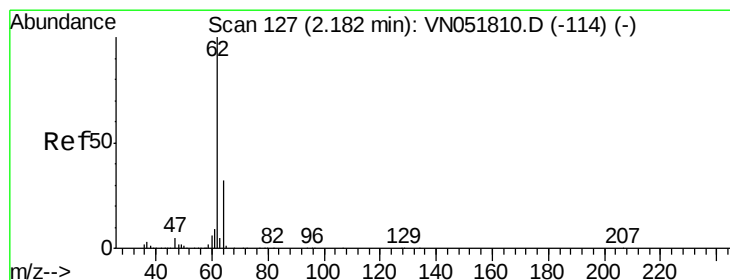
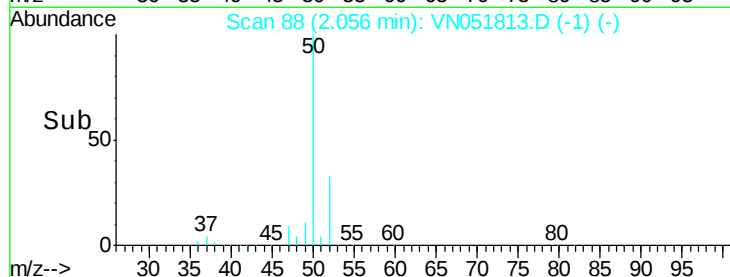
Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



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#4

Vinyl Chloride

Concen: 48.24 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051813.D

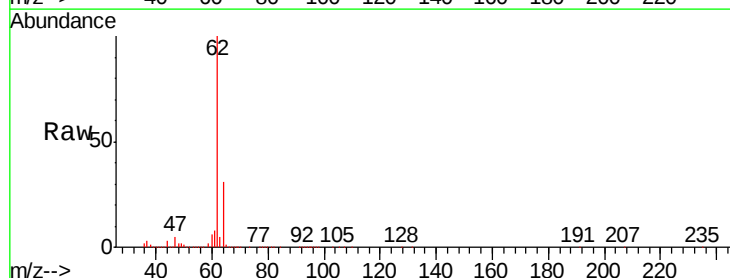
Acq: 11 Oct 2018 13:23

Tgt Ion: 62 Resp: 486088

Ion Ratio Lower Upper

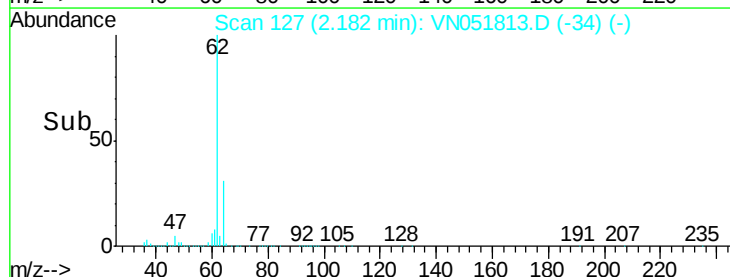
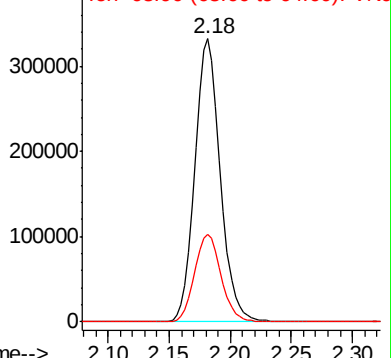
62 100

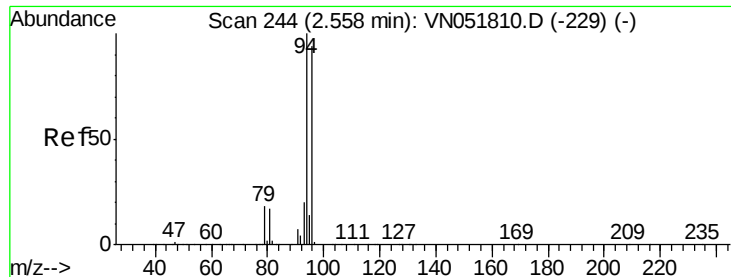
64 31.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.91 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 94 Resp: 444653

Ion Ratio Lower Upper

94 100

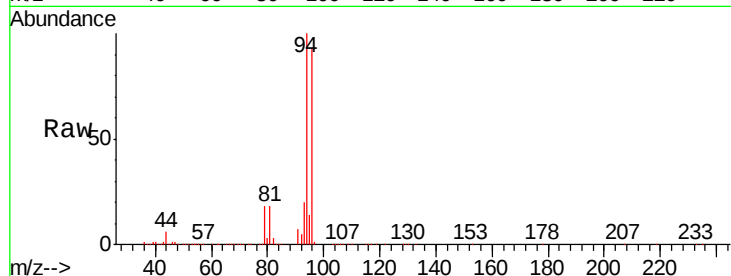
96 93.4 76.2 114.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250000

200000

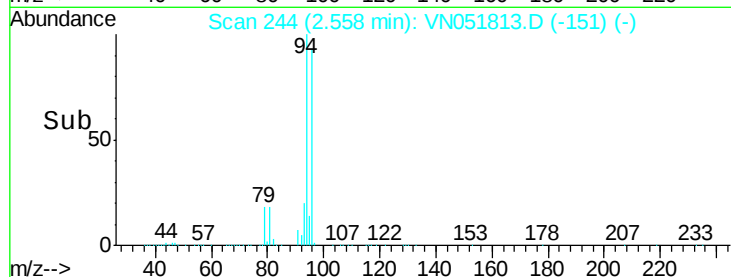
150000

100000

50000

0

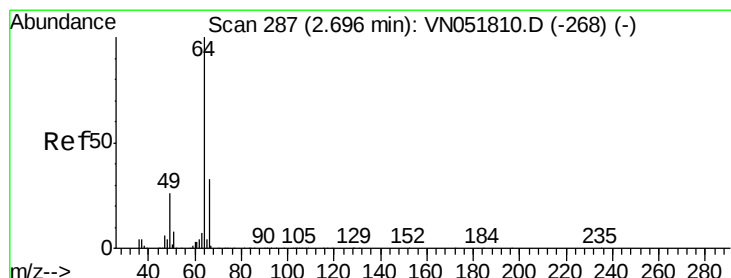
Time-->



Time-->

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#6

Chloroethane

Concen: 45.53 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051813.D

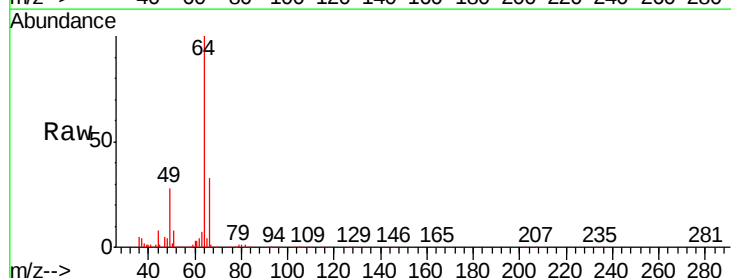
Acq: 11 Oct 2018 13:23

Tgt Ion: 64 Resp: 336879

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

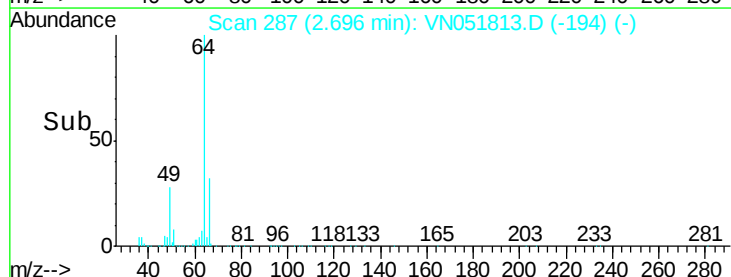
150000

100000

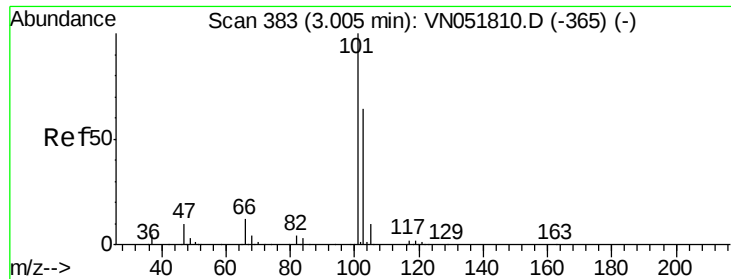
50000

0

Time-->



Time-->



#7

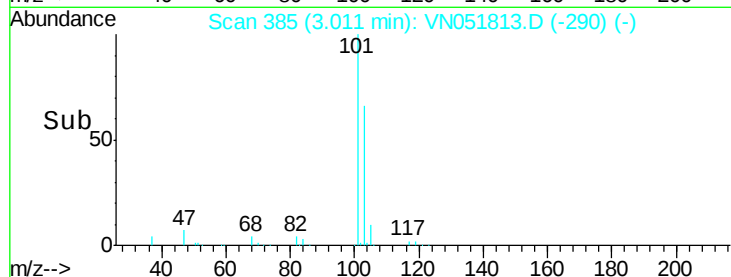
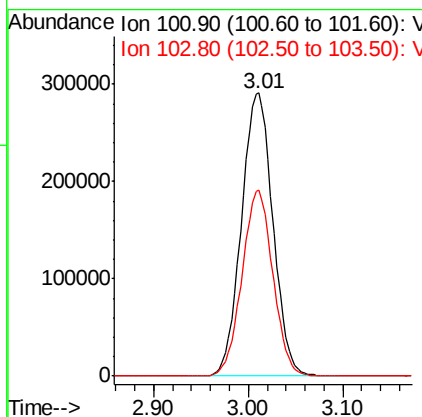
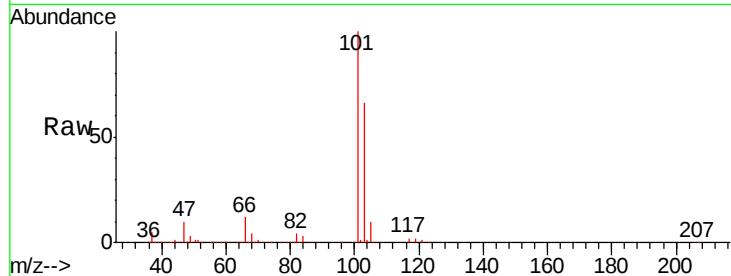
Trichlorofluoromethane
Concen: 44.90 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.01 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	671889		
103	65.5	51.6	77.4	

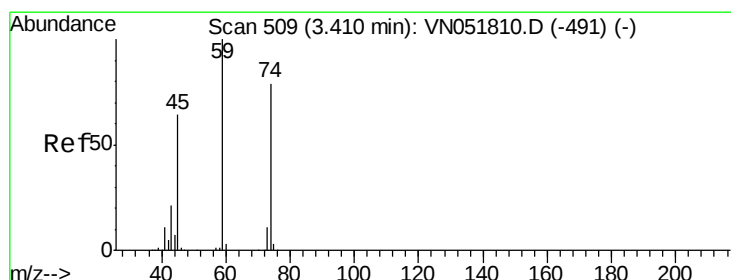
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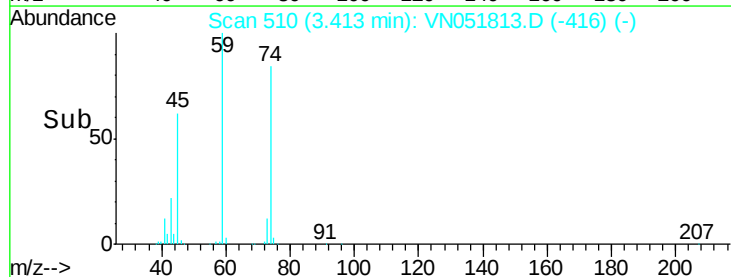
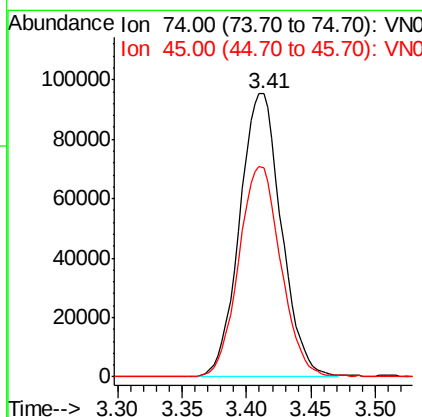
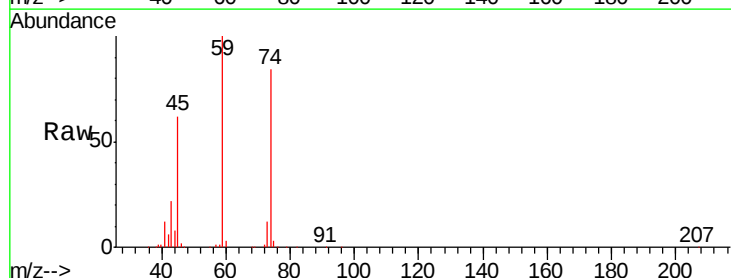
10/15/2018 3:00:15 PM

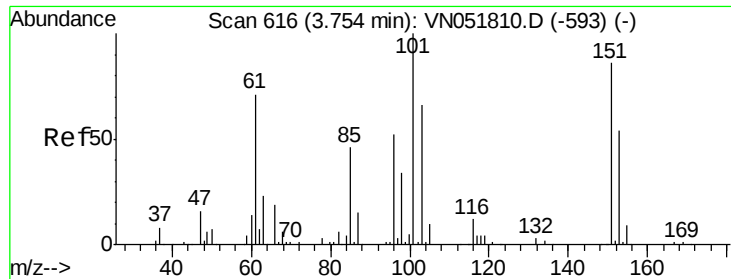


#8

Diethyl Ether
Concen: 52.05 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	214776		
45	75.2	48.2	144.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.98 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

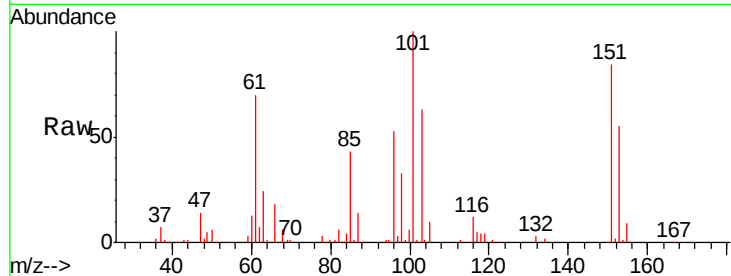
ClientSampleId :

ICVVN101118

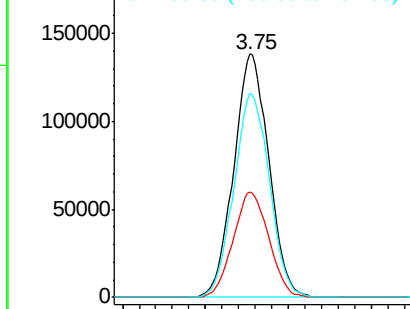
Tgt	Ion	101	Resp:	406784
Ion	Ratio	Lower	Upper	
101	100			
85	43.9	33.7	50.5	
151	85.2	67.4	101.2	

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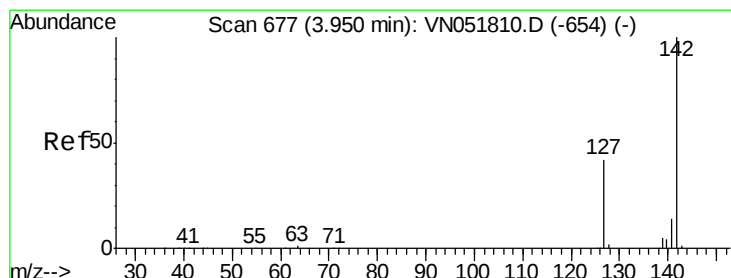
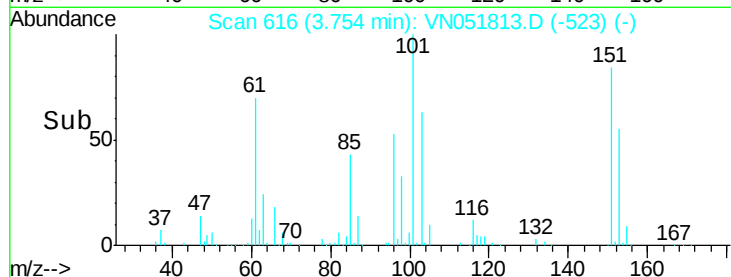


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



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#10

Methyl Iodide

Concen: 48.77 ug/l

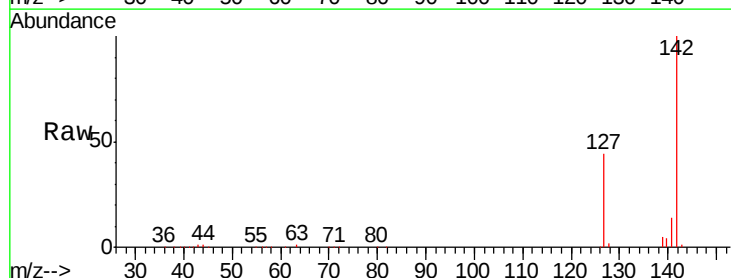
RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

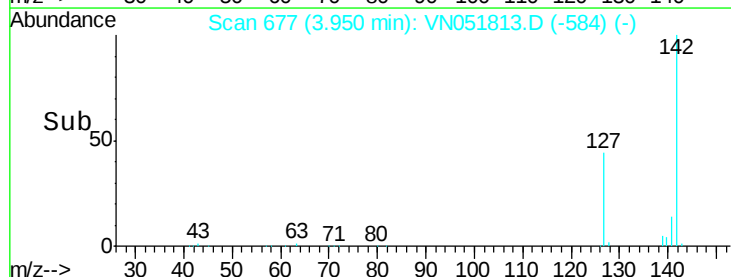
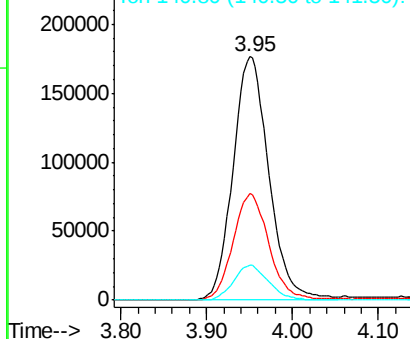
Lab File: VN051813.D

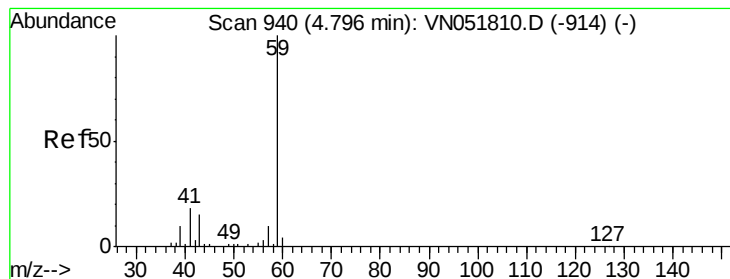
Acq: 11 Oct 2018 13:23

Tgt	Ion	142	Resp:	512803
Ion	Ratio	Lower	Upper	
142	100			
127	43.8	31.7	47.5	
141	14.0	11.4	17.0	



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

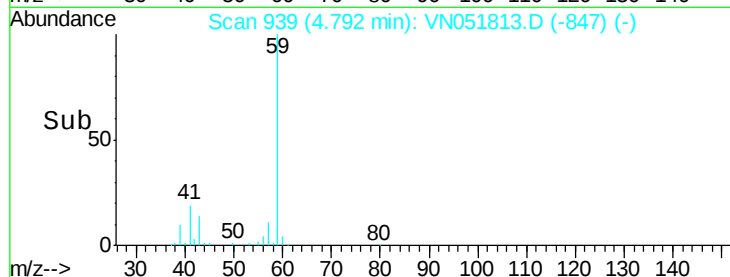
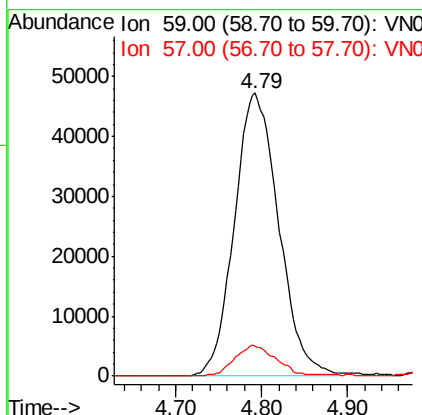
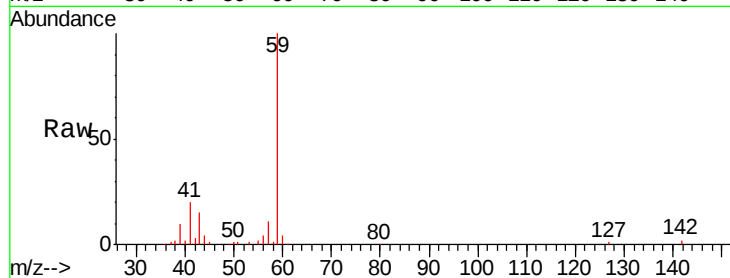
Tert butyl alcohol
Concen: 240.67 ug/l
RT: 4.79 min Scan# 939
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

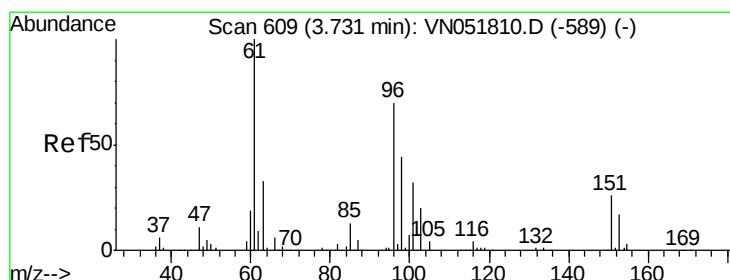
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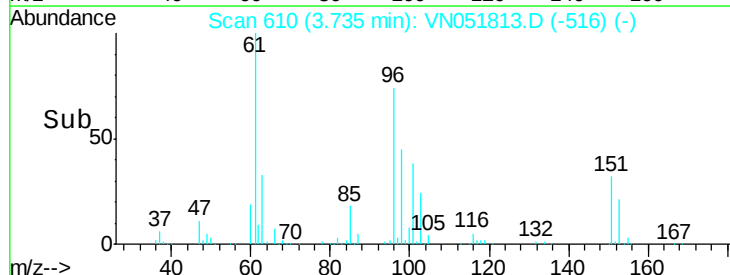
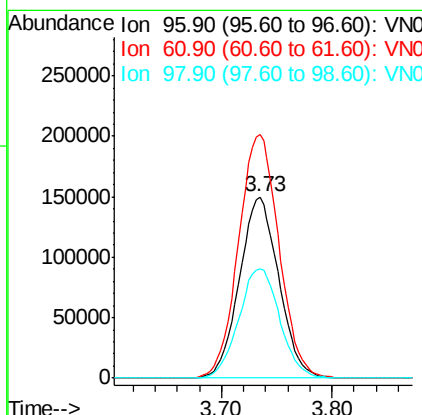
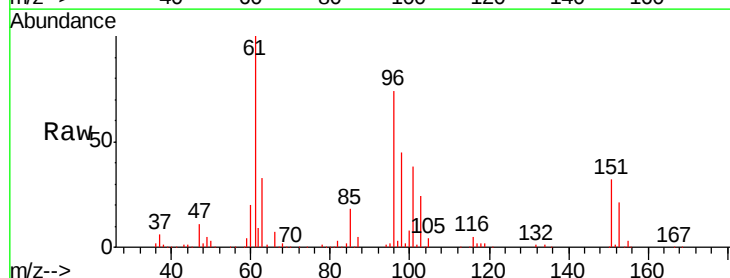
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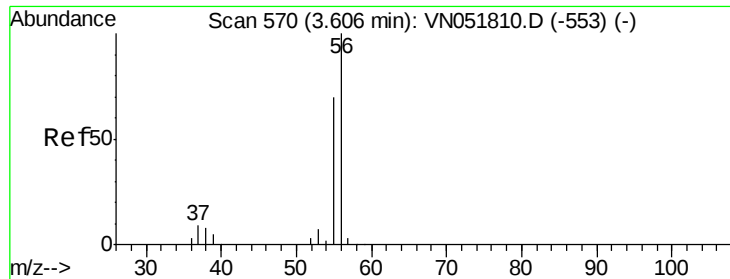


#12

1,1-Dichloroethene
Concen: 51.74 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.4	124.9	187.3
98	60.6	51.1	76.7





#13

Acrolein

Concen: 266.71 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 56 Resp: 192867

Ion Ratio Lower Upper

56 100

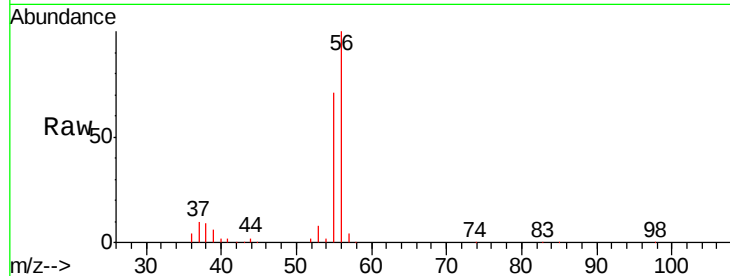
55 71.9 57.7 86.5

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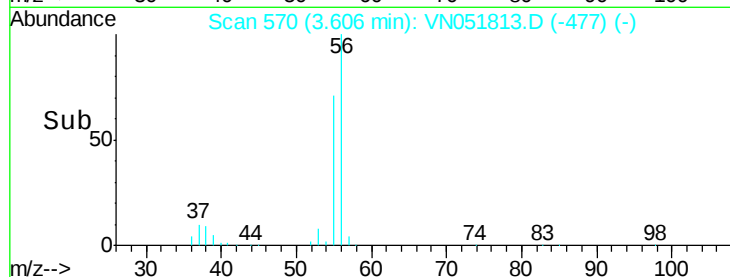
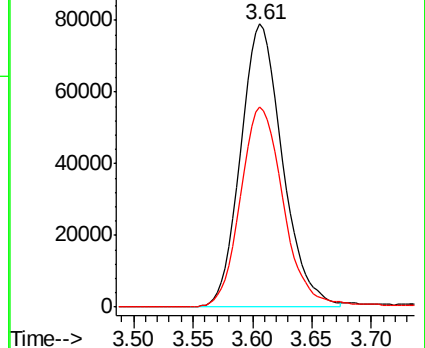
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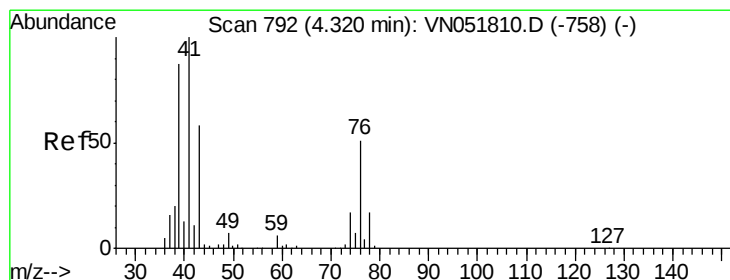
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



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#14

Allyl chloride

Concen: 49.60 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

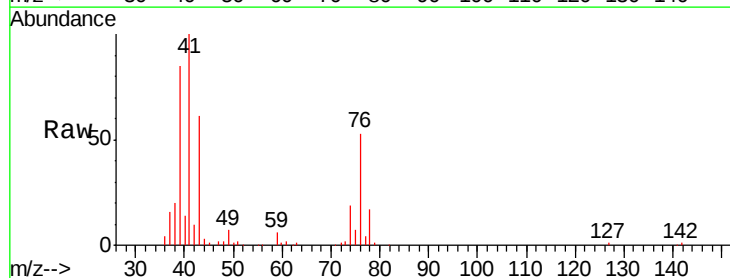
Tgt Ion: 41 Resp: 446669

Ion Ratio Lower Upper

41 100

39 80.5 50.2 75.2#

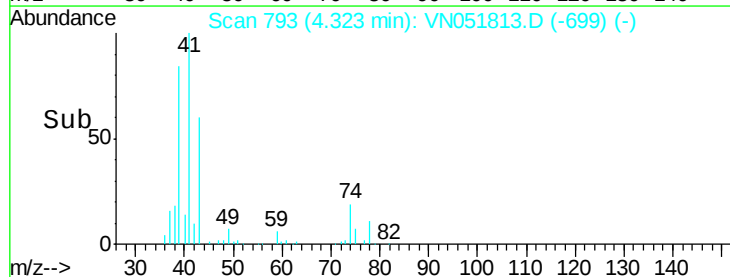
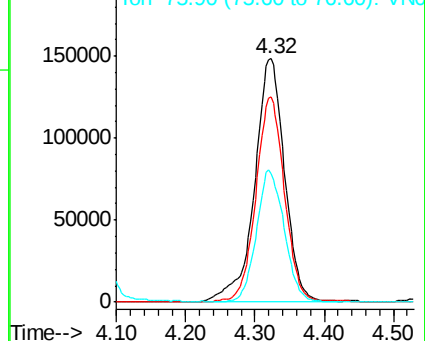
76 49.4 29.8 44.8#

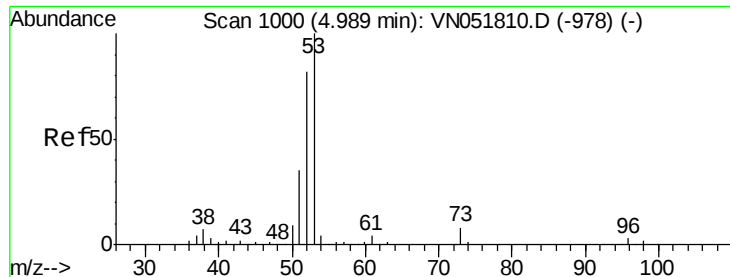


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





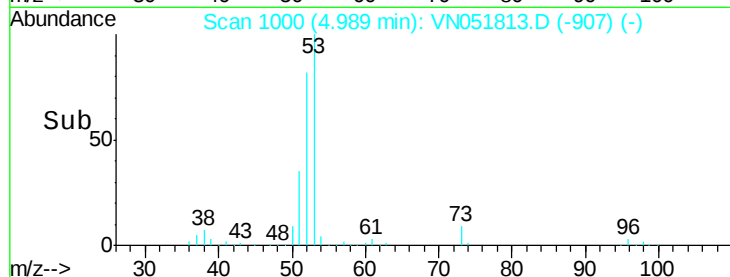
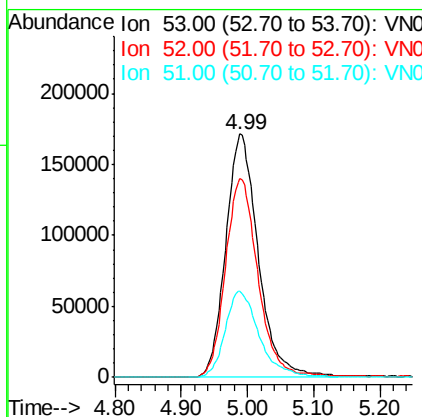
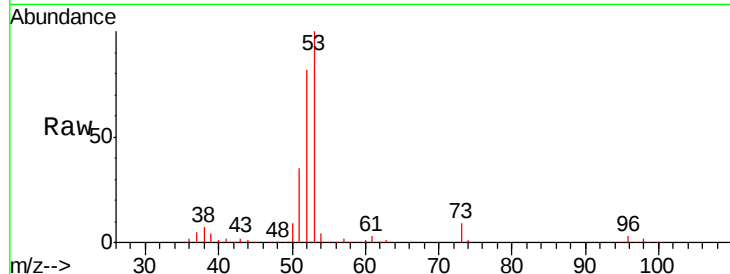
#15
 Acrylonitrile
 Concen: 255.21 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.9	98.9
51	36.9	28.6	43.0

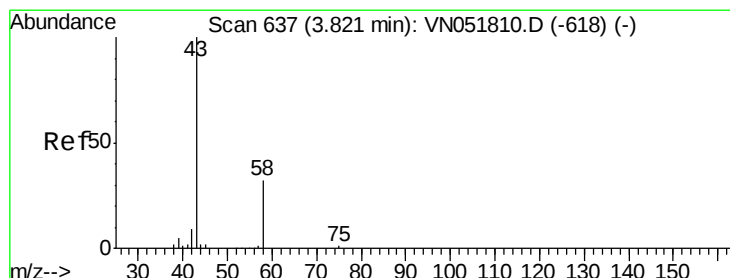
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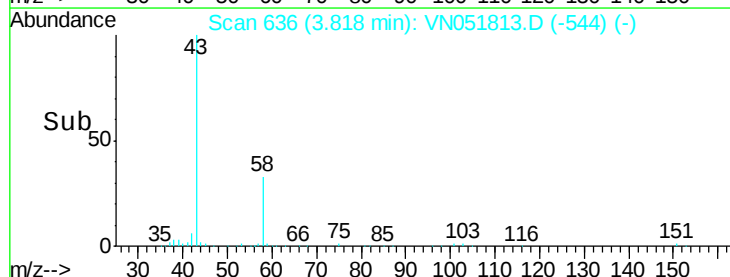
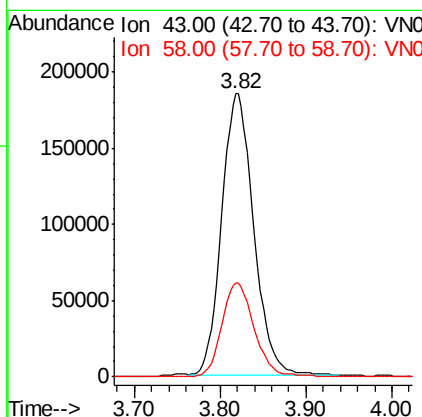
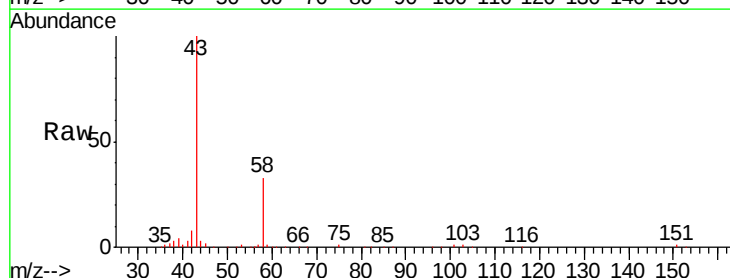
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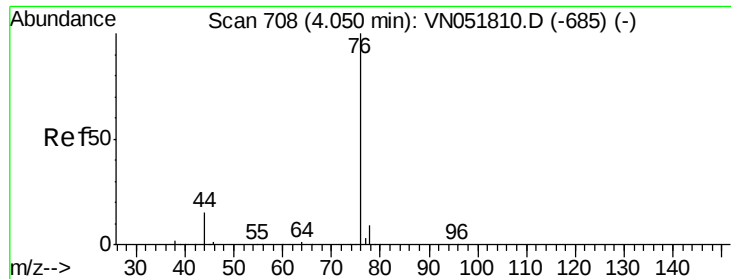
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#16
 Acetone
 Concen: 231.25 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.2	40.8





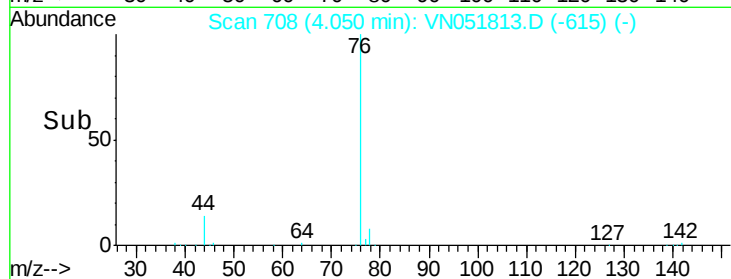
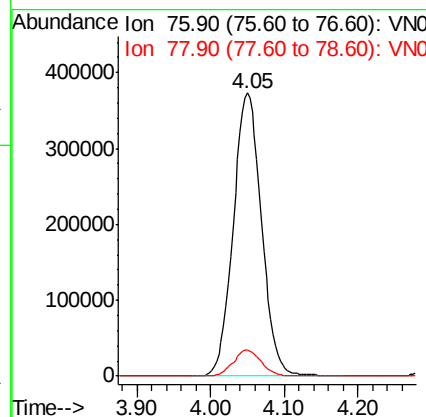
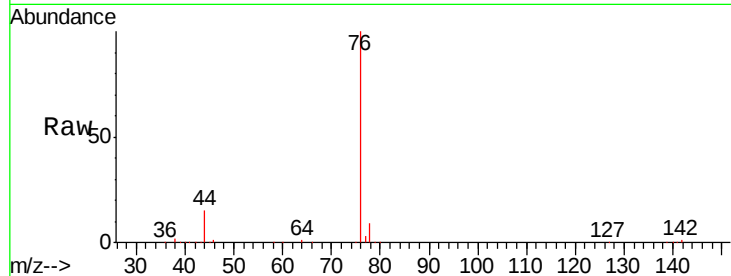
#17
Carbon Disulfide
Concen: 51.20 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

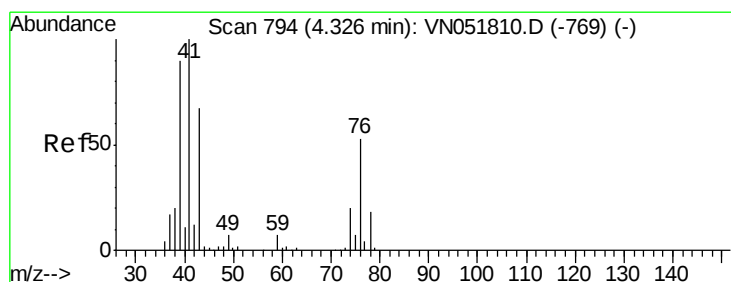
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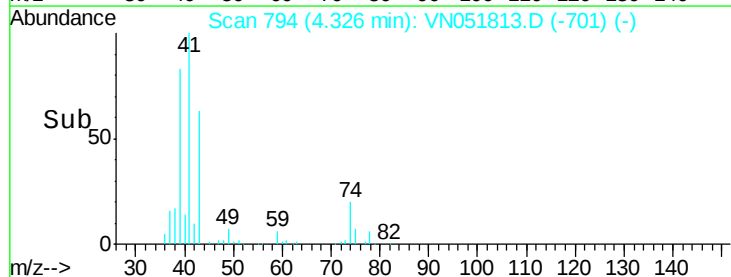
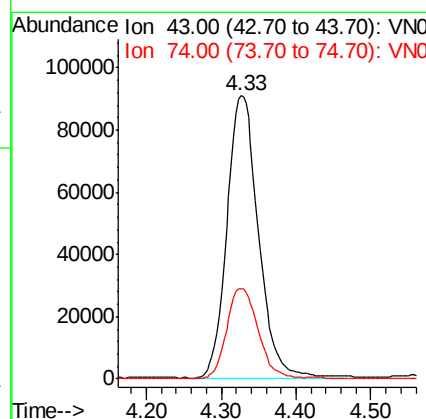
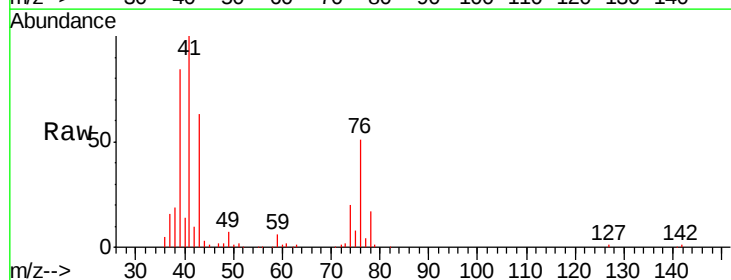
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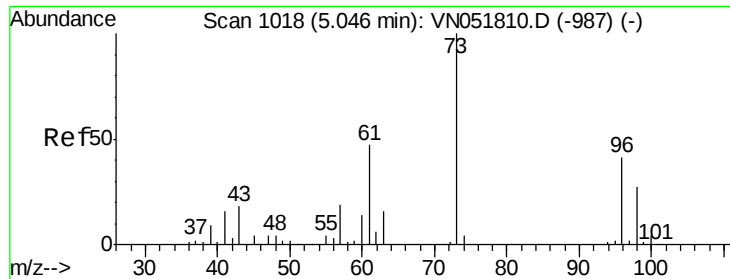
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#18
Methyl Acetate
Concen: 45.19 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.1	19.8	29.8#





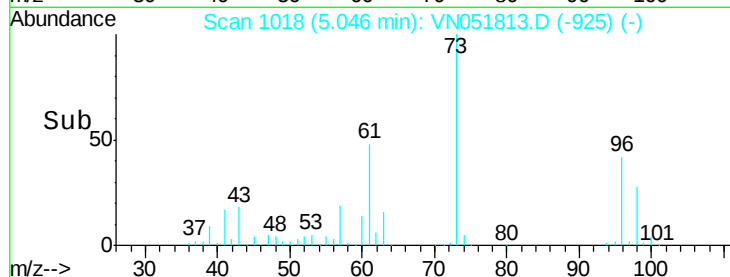
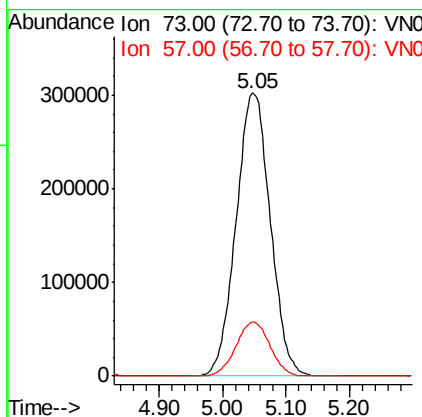
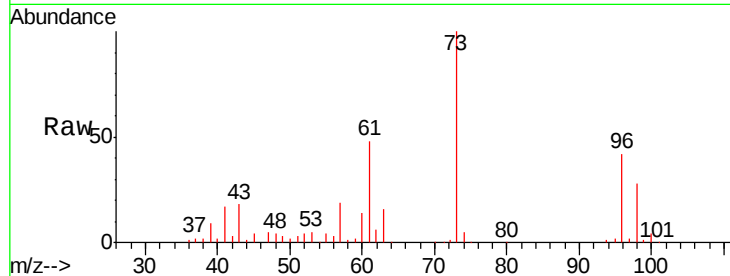
#19
Methyl tert-butyl Ether
Concen: 50.05 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 73 Resp: 1129978
Ion Ratio Lower Upper
73 100
57 19.2 17.8 26.8

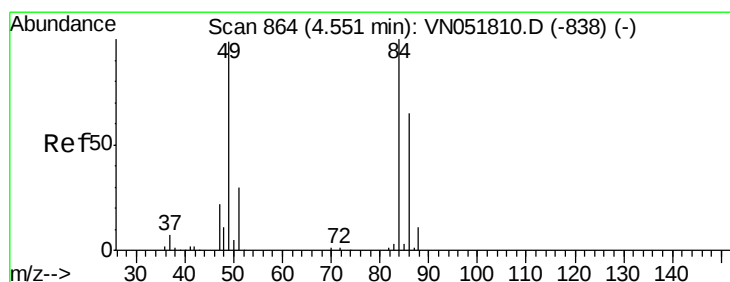
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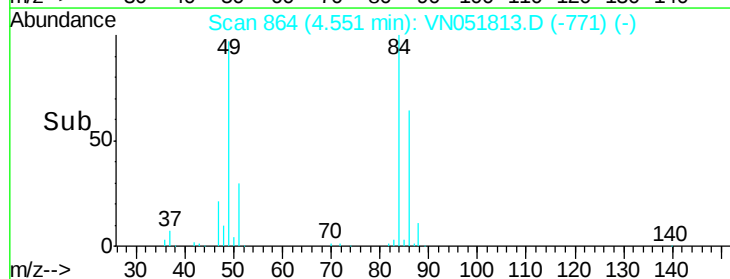
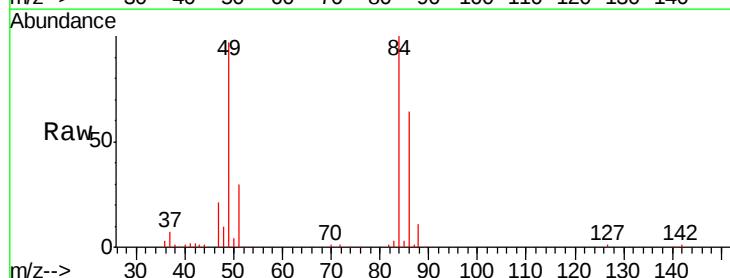
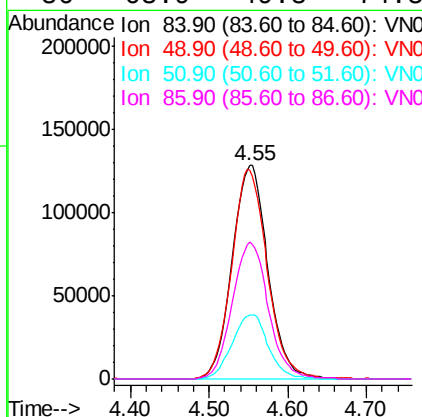
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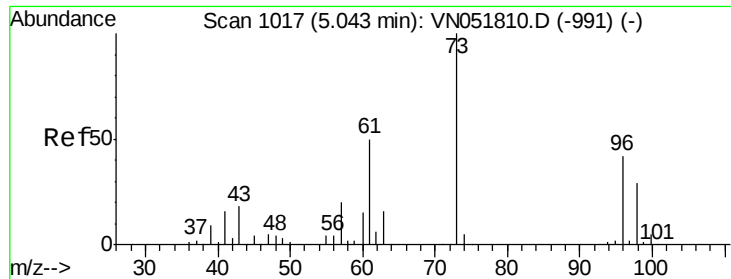
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#20
Methylene Chloride
Concen: 47.76 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 84 Resp: 407091
Ion Ratio Lower Upper
84 100
49 97.5 93.2 139.8
51 29.8 29.0 43.6
86 63.9 49.8 74.8





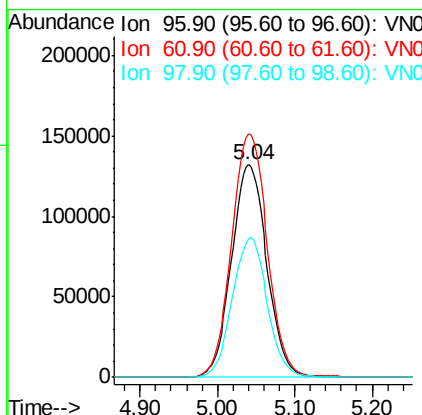
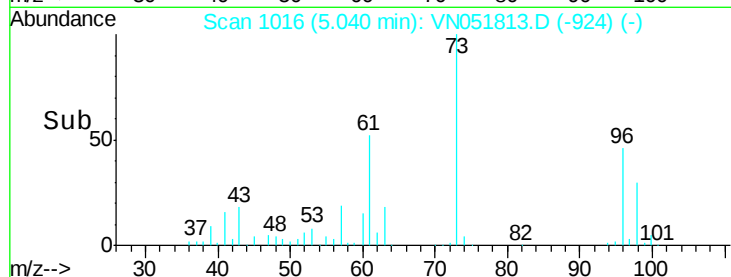
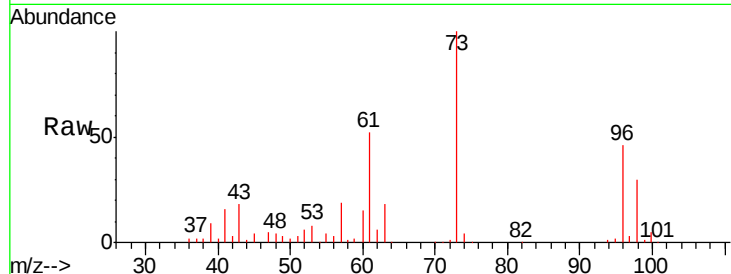
#21
trans-1,2-Dichloroethene
Concen: 49.77 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVFN101118

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.4	107.4	161.0
98	65.3	50.7	76.1

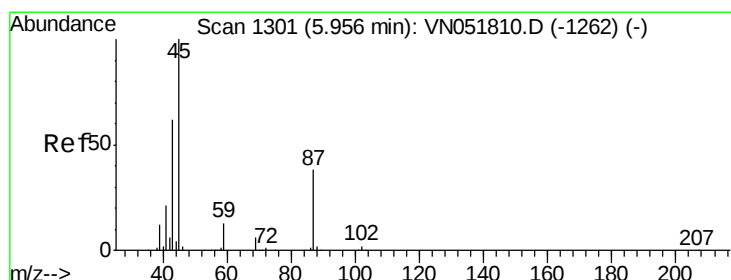
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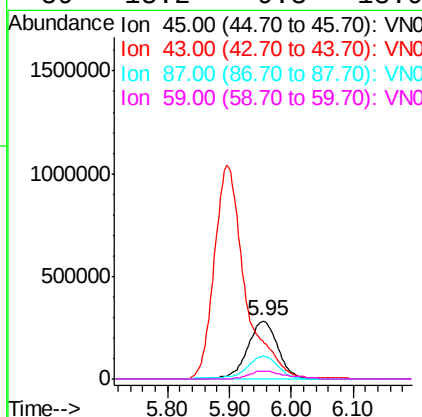
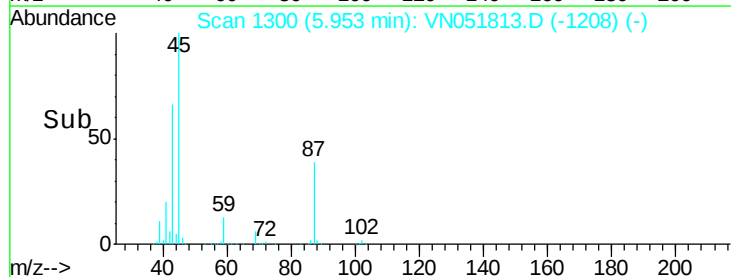
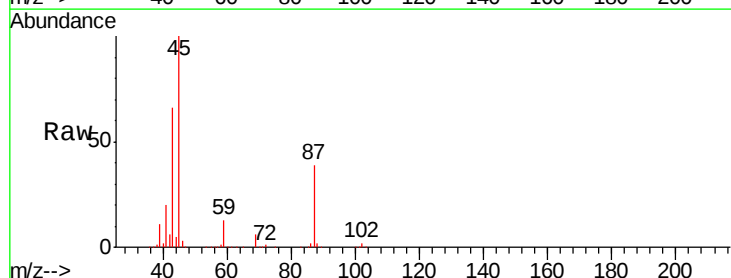
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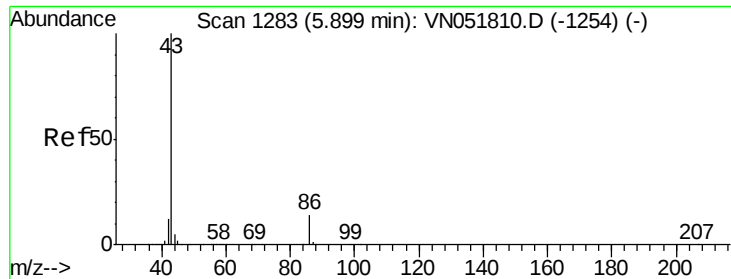
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#22
Diisopropyl ether
Concen: 48.25 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.3	45.9	68.9
87	38.8	22.7	34.1#
59	13.2	9.3	13.9





#23

Vinyl Acetate

Concen: 247.35 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 43 Resp: 3600755

Ion Ratio Lower Upper

43 100

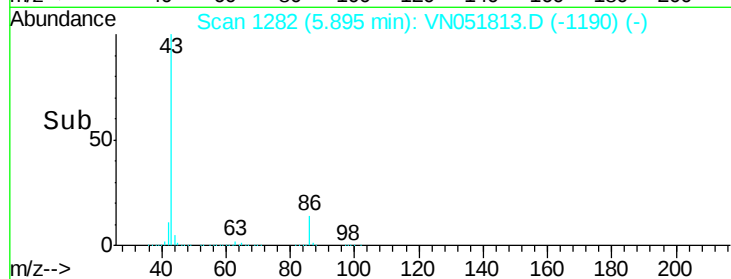
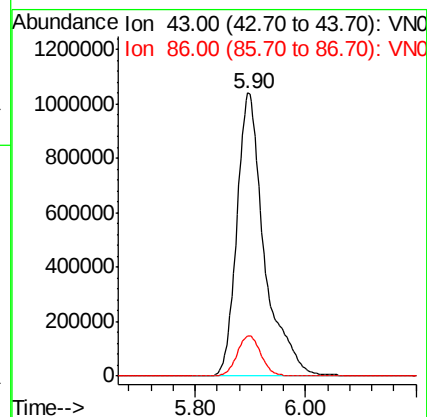
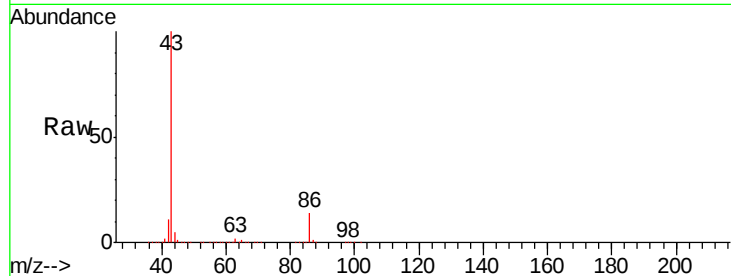
86 14.4 8.7 13.1#

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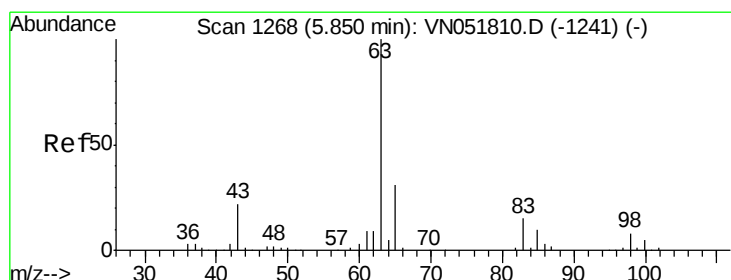
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#24

1,1-Dichloroethane

Concen: 48.80 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

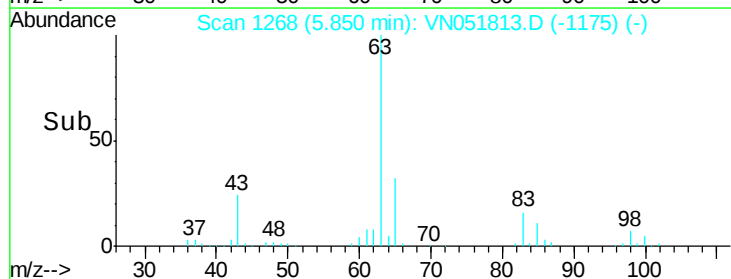
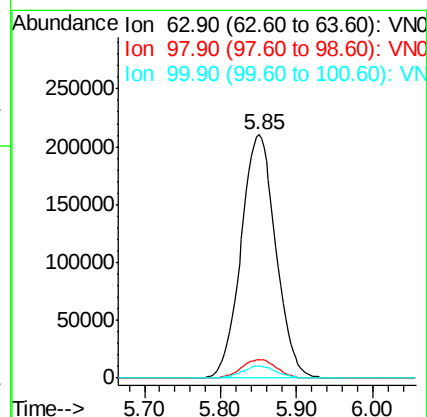
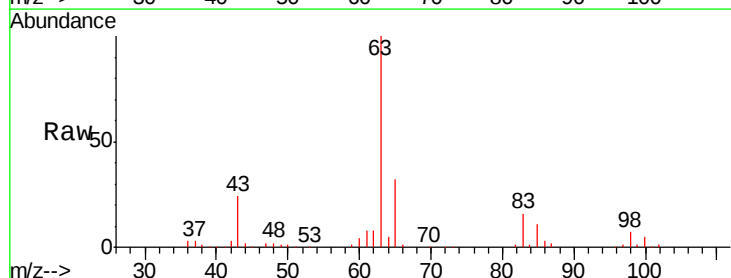
Tgt Ion: 63 Resp: 667182

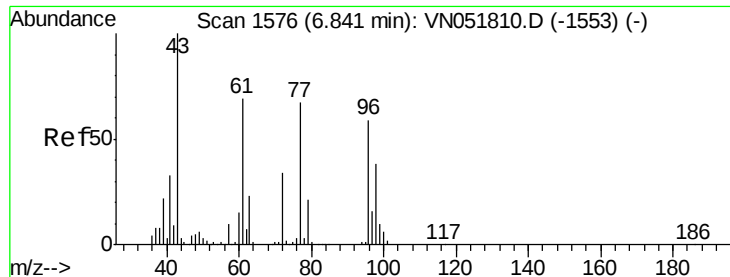
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 241.45 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 43 Resp: 702765

Ion Ratio Lower Upper

43 100

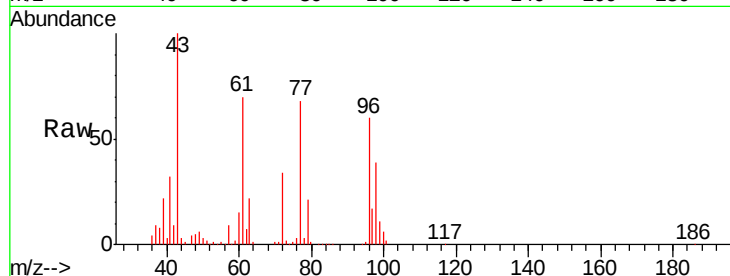
72 34.5 22.3 33.5#

Manual Integrations

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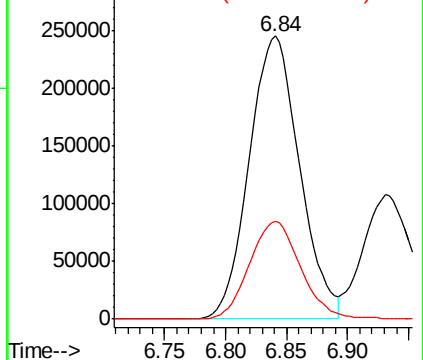
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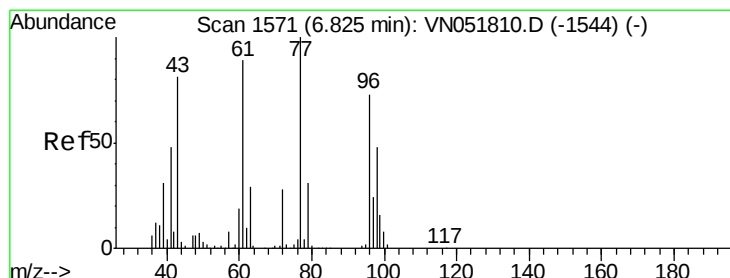
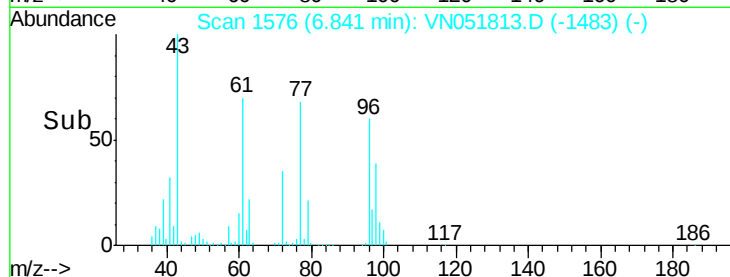
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



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#26

2,2-Dichloropropane

Concen: 49.23 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051813.D

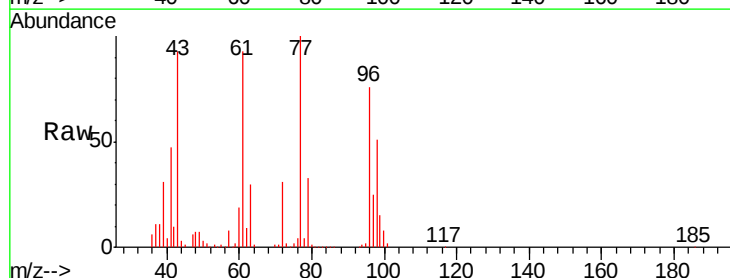
Acq: 11 Oct 2018 13:23

Tgt Ion: 77 Resp: 681362

Ion Ratio Lower Upper

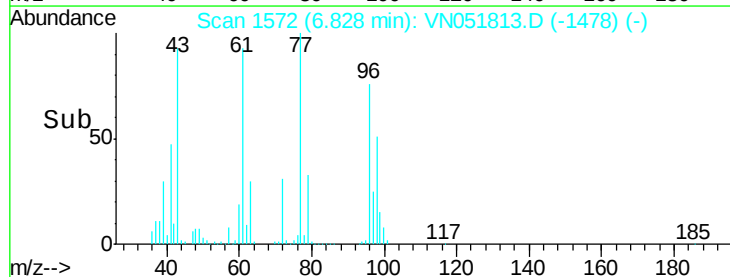
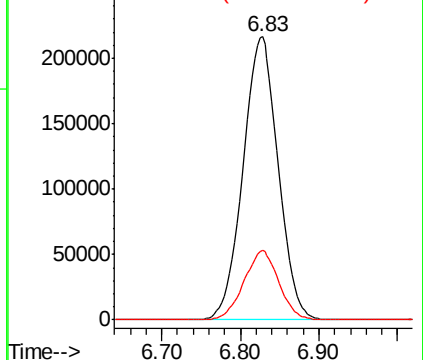
77 100

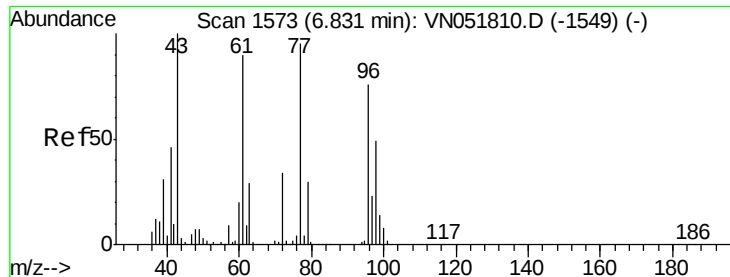
97 24.3 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.11 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

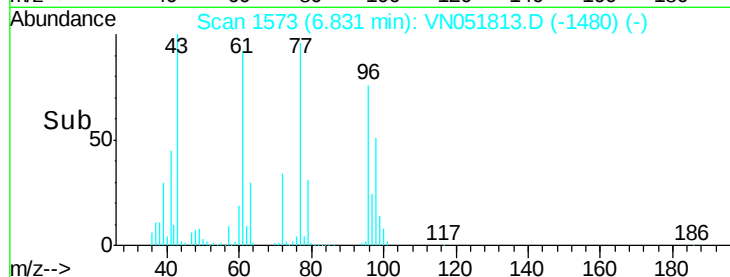
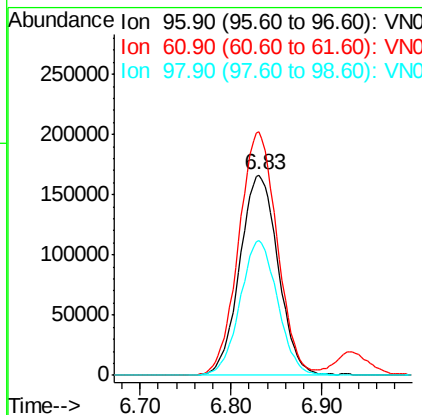
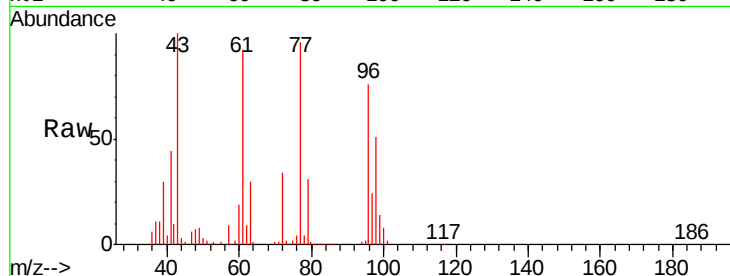
ClientSampleId :

ICVVN101118

Tgt Ion:	96	Resp:	486475
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	283.4
98	65.8	0.0	129.8

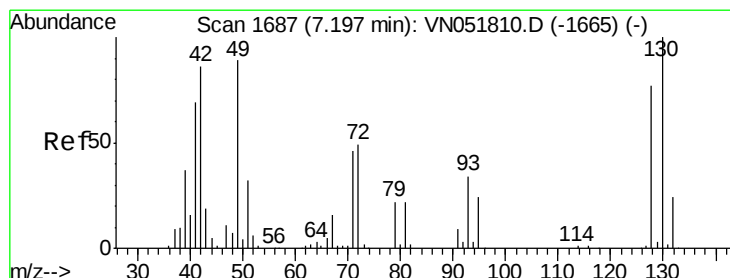
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#28

Bromochloromethane

Concen: 47.86 ug/l

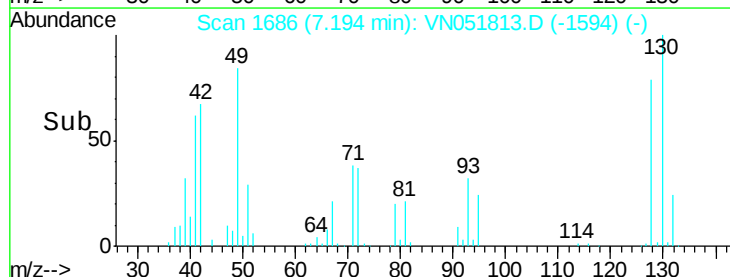
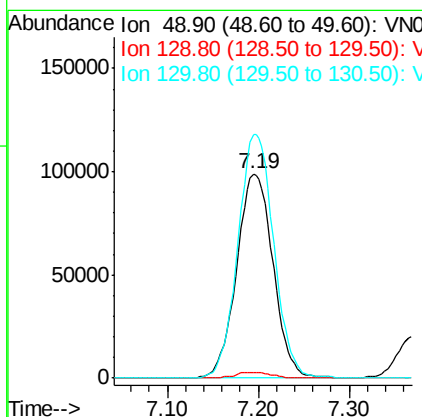
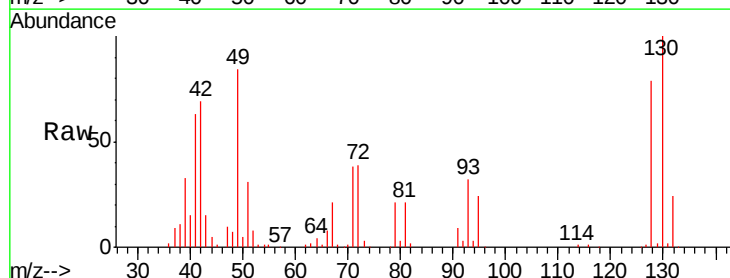
RT: 7.19 min Scan# 1686

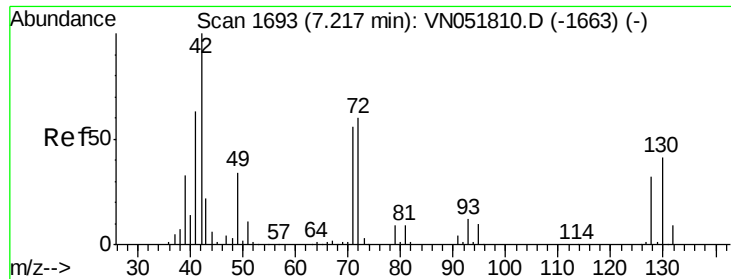
Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Tgt Ion:	49	Resp:	274486
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.2
130	117.9	67.1	100.7#





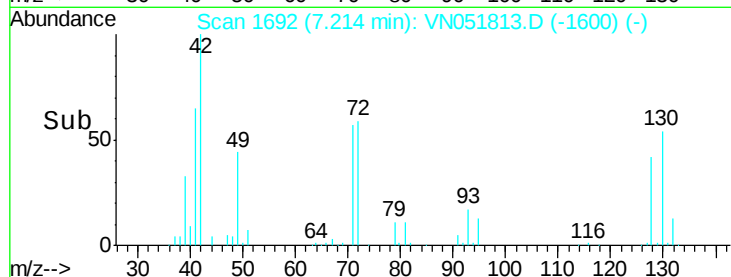
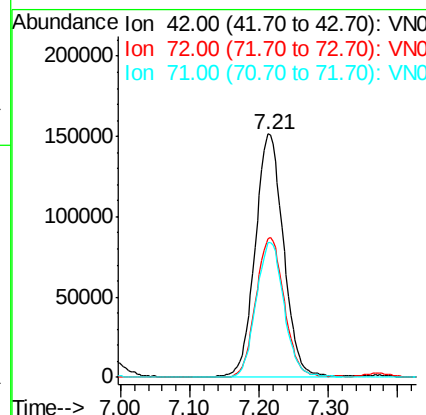
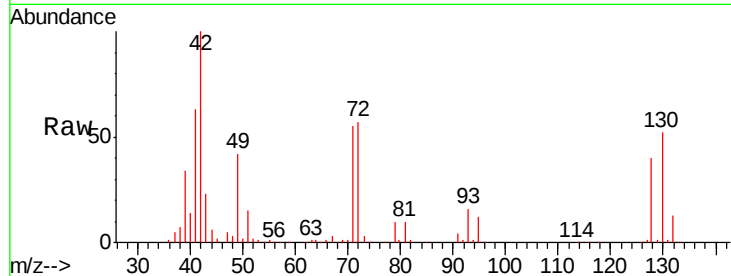
#29
Tetrahydrofuran
Concen: 248.56 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
42	100		
72	57.2	35.5	53.3#
71	54.5	33.7	50.5#

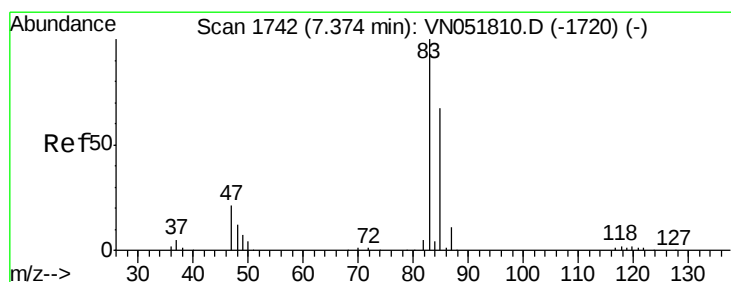
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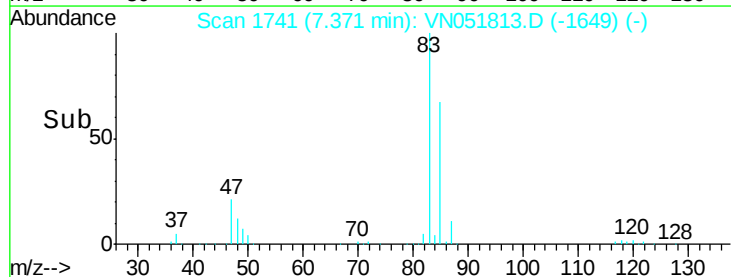
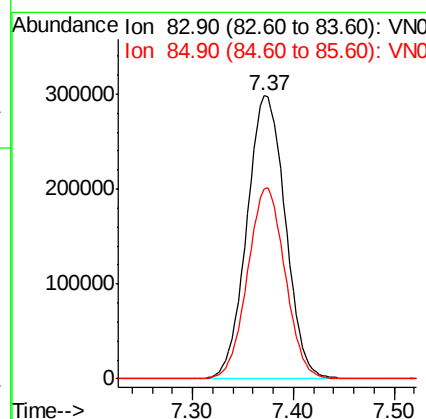
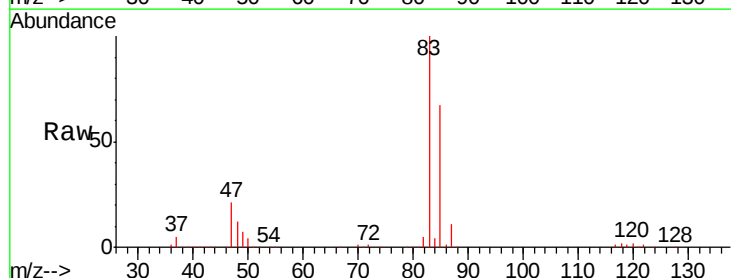
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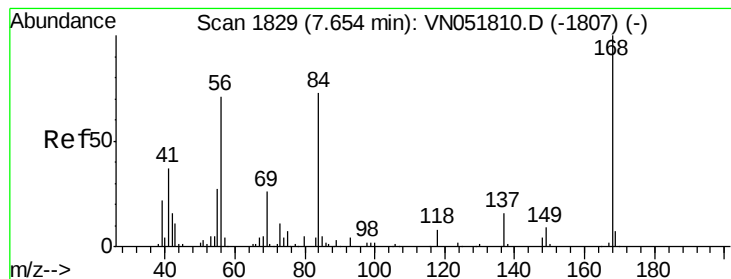
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#30
Chloroform
Concen: 48.21 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.2	78.4





#31

Cyclohexane

Concen: 50.55 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 56 Resp: 574674
Ion Ratio Lower Upper

56 100

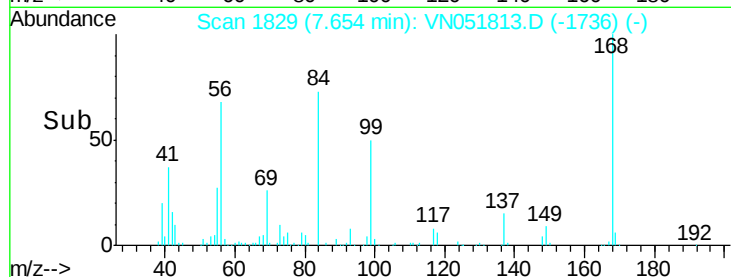
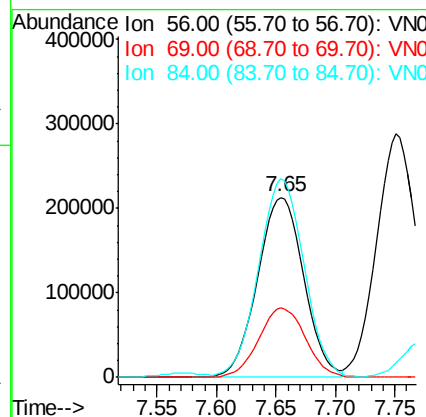
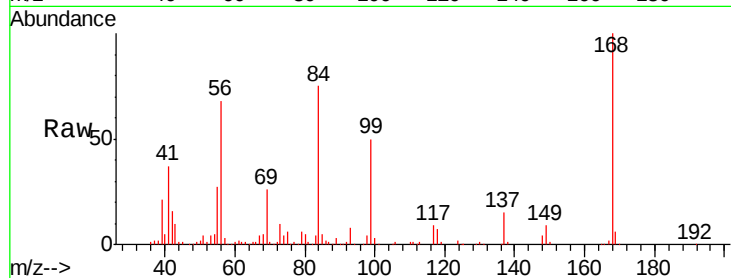
69 38.3 26.2 39.4

84 108.4 68.3 102.5#

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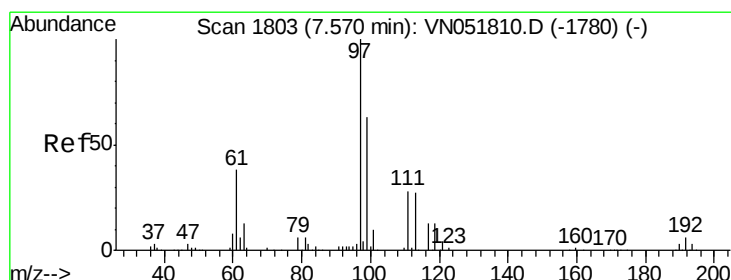
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#32

1,1,1-Trichloroethane

Concen: 49.95 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051813.D

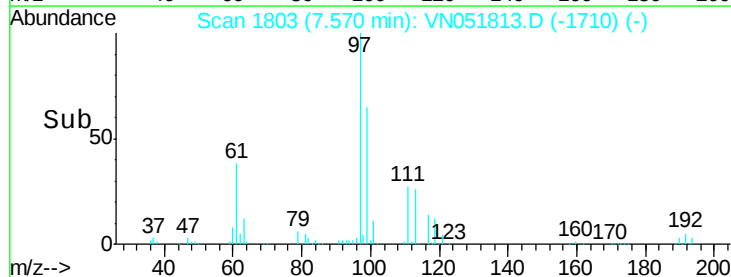
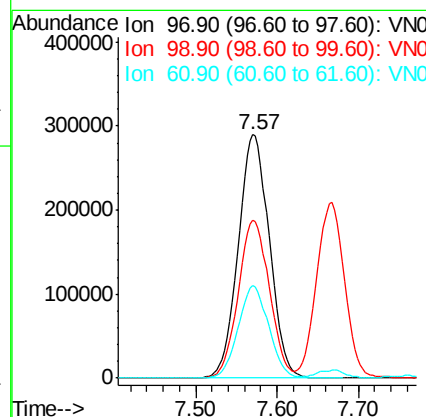
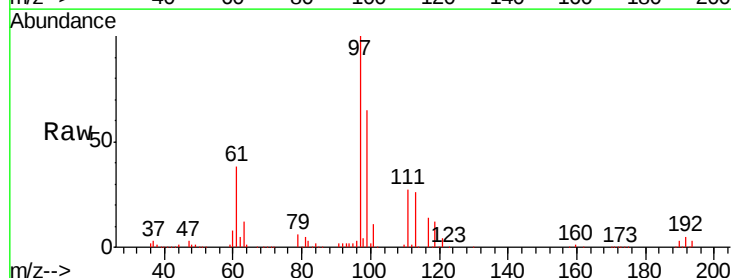
Acq: 11 Oct 2018 13:23

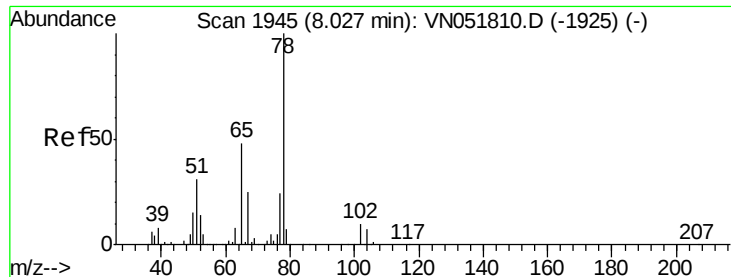
Tgt Ion: 97 Resp: 766594
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.6

61 37.2 34.9 52.3





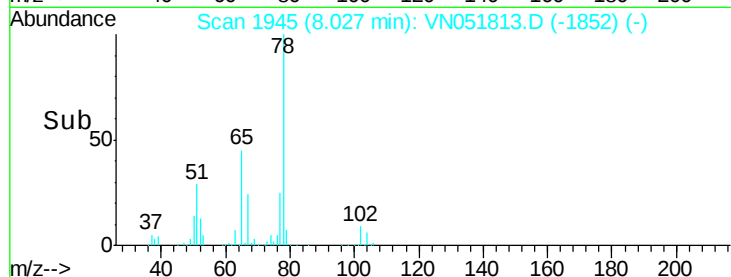
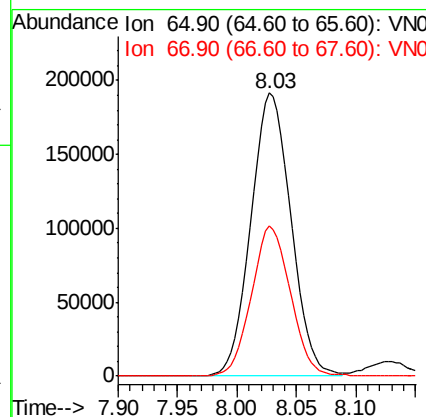
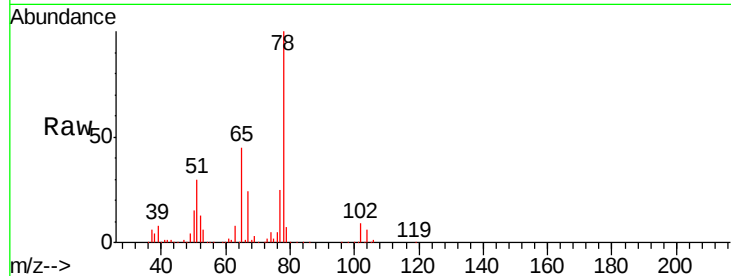
#33
 1,2-Dichloroethane-d4
 Concen: 49.95 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Tgt Ion: 65 Resp: 447609
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 110.4

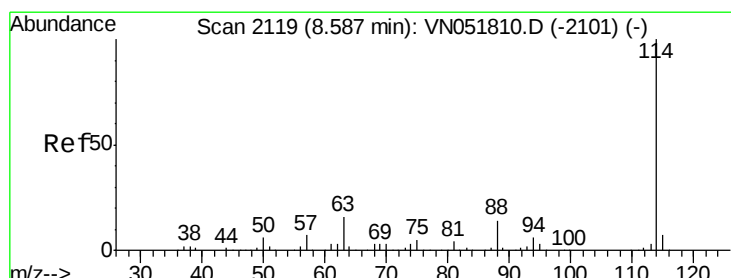
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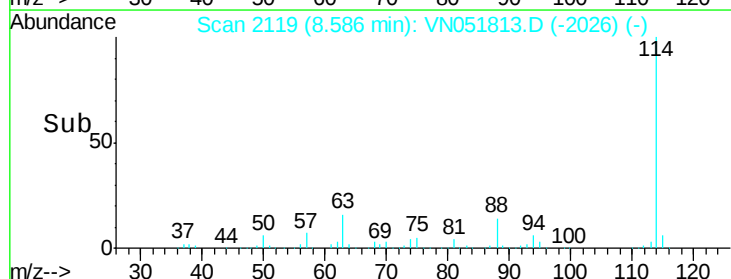
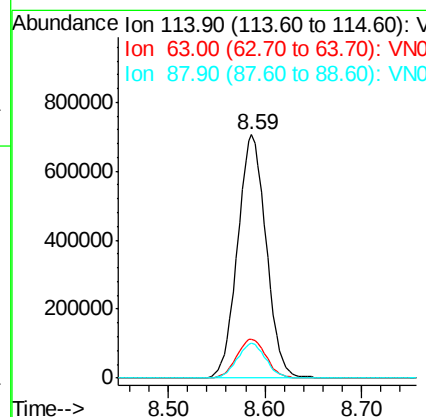
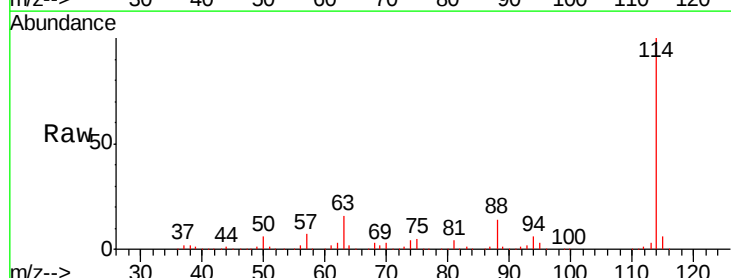
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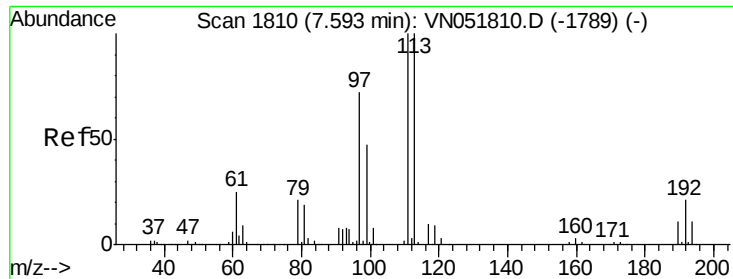
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Tgt Ion: 114 Resp: 1446906
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 38.6
 88 14.2 0.0 30.6





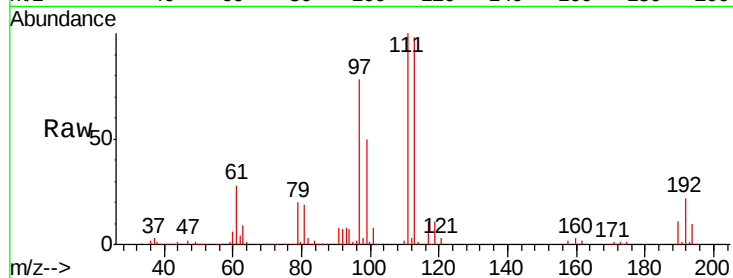
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVFN101118

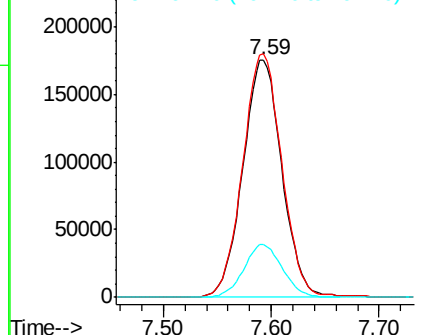
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	440924		
111	103.4	82.6	123.8	
192	21.8	18.0	27.0	

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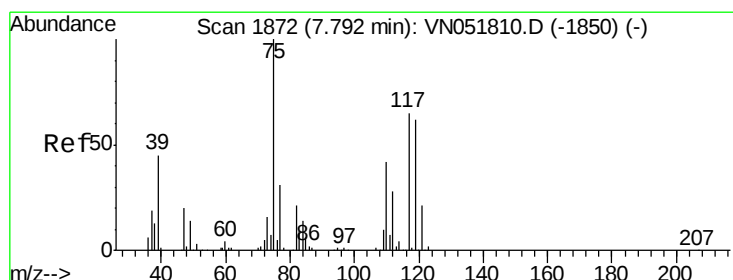
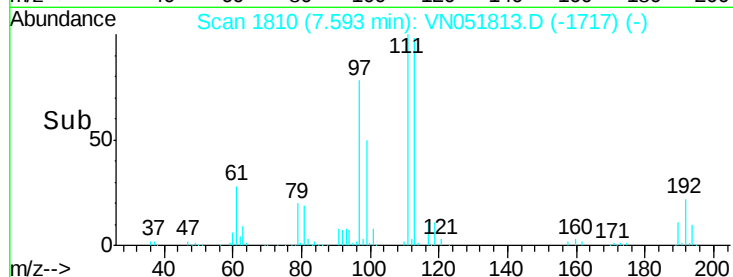


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



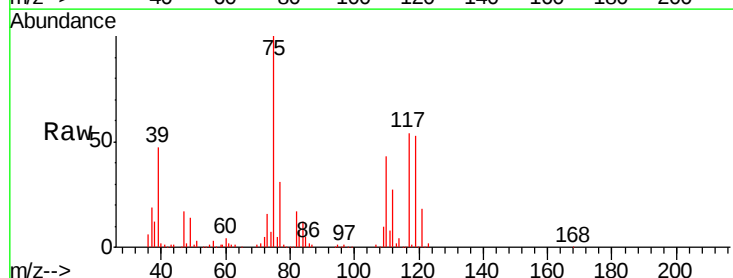
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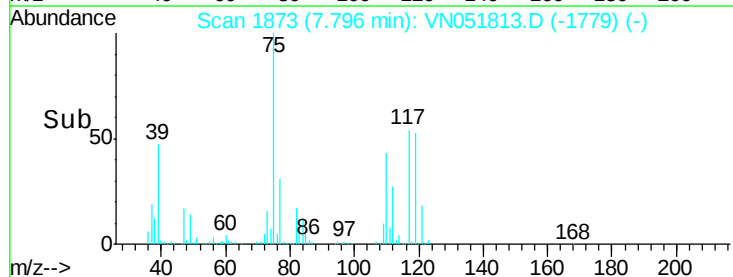
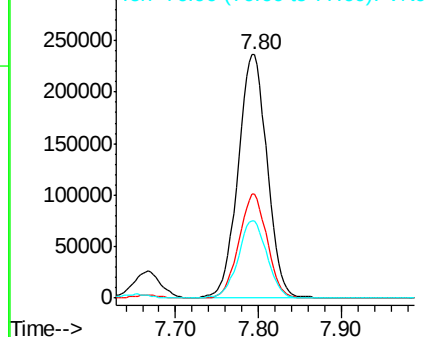


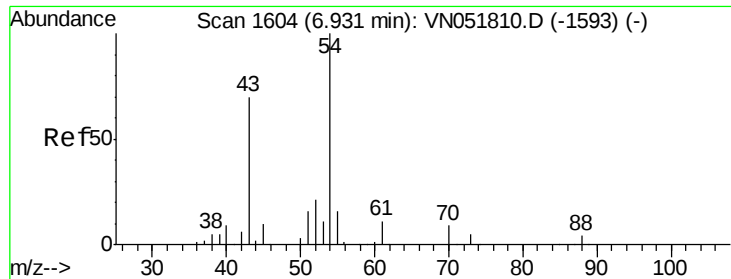
#36
1,1-Dichloropropene
Concen: 49.00 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	574007		
110	41.6	18.1	54.4	
77	31.8	24.8	37.2	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





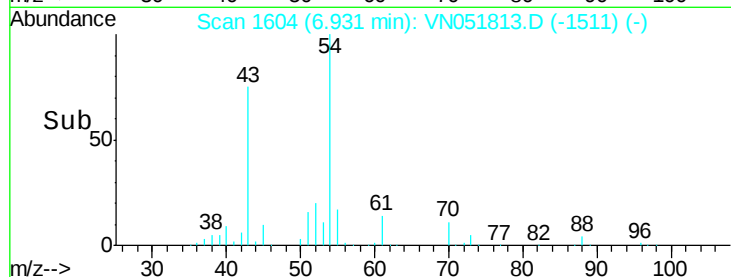
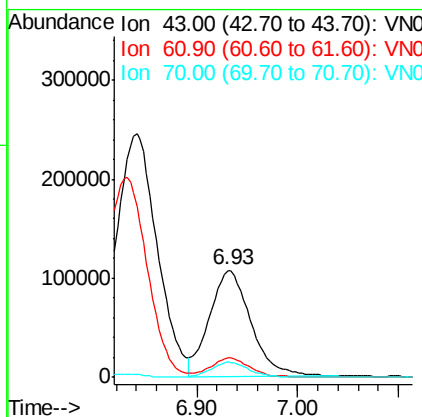
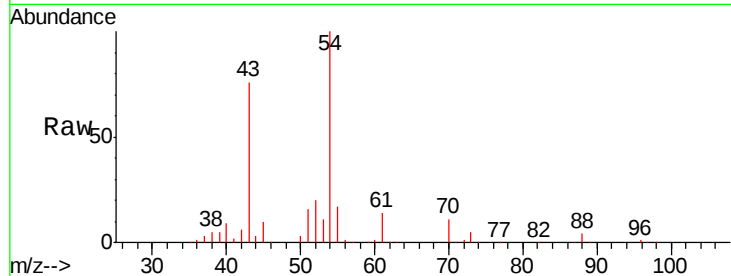
#37
Ethyl Acetate
Concen: 50.64 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	12.0	18.0
70	12.7	8.6	13.0

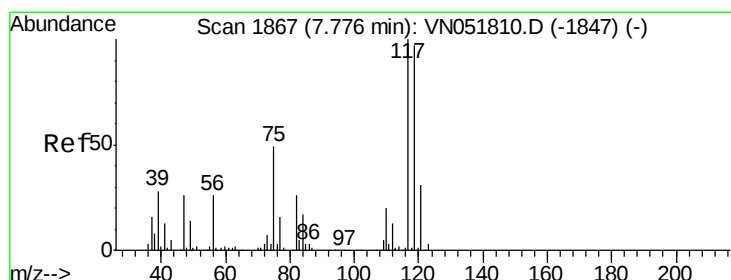
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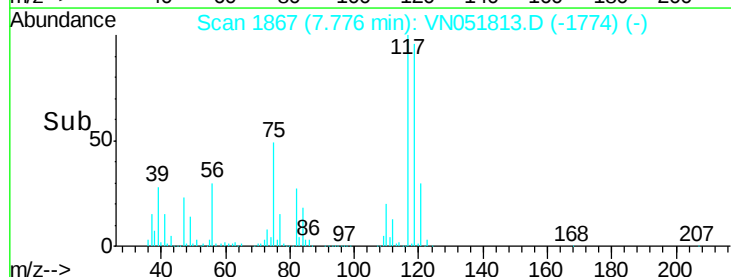
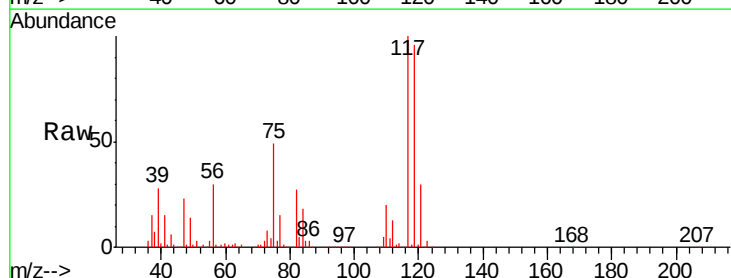
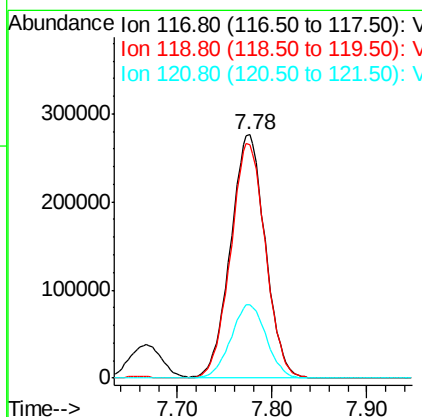
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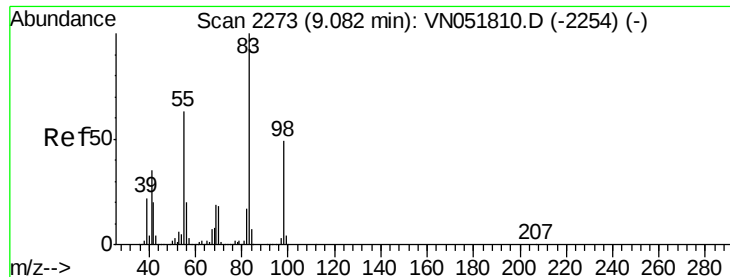
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#38
Carbon Tetrachloride
Concen: 51.70 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
121	30.4	24.6	36.8





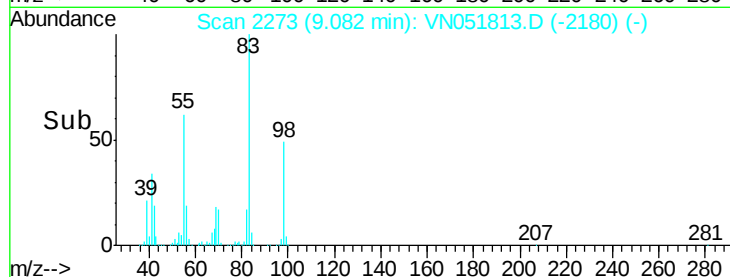
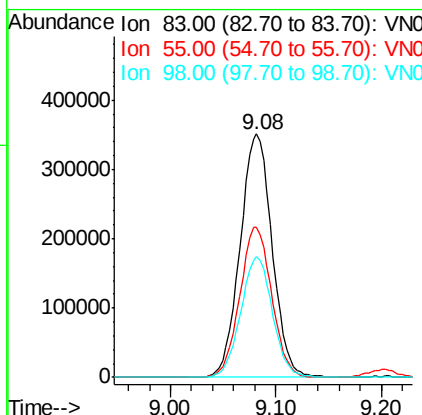
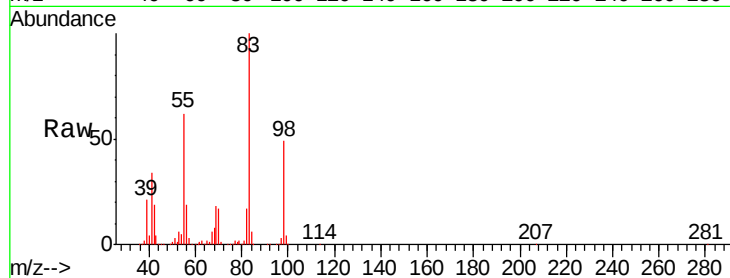
#39
Methylcyclohexane
Concen: 51.52 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.9	61.0	91.4
98	49.5	37.5	56.3

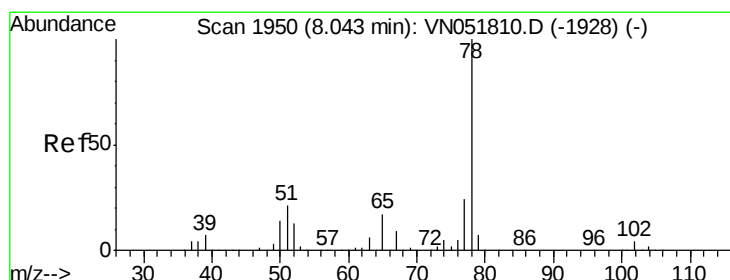
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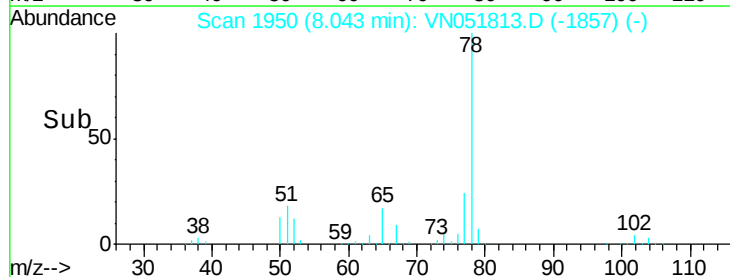
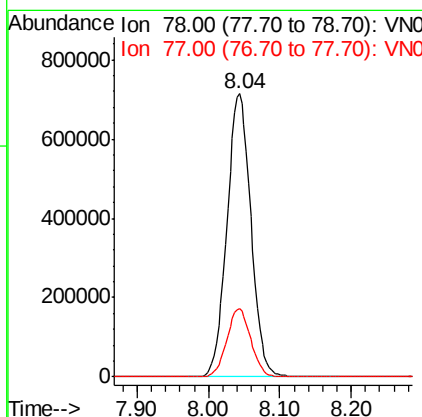
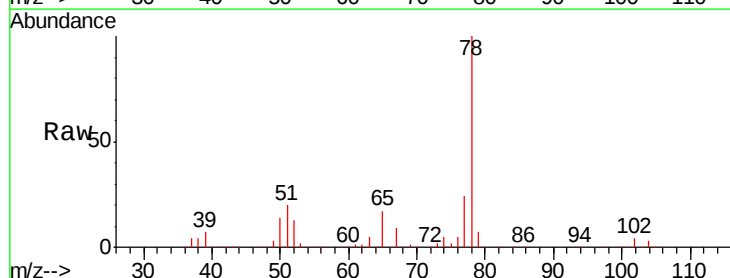
MMDadoda

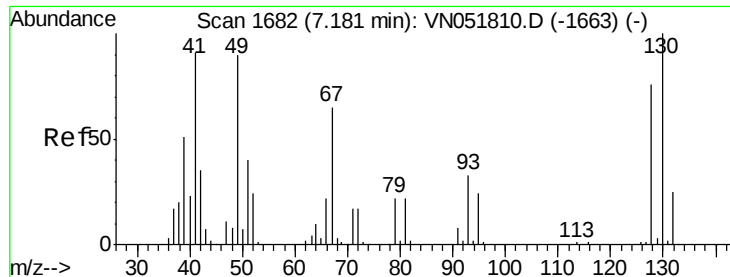
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#40
Benzene
Concen: 49.50 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





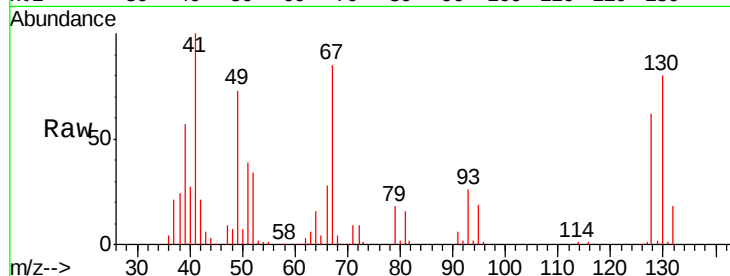
#41
Methacrylonitrile
Concen: 46.02 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.6	45.4	68.0
67	119.6	70.6	106.0
52	45.1	27.1	40.7

Manual Integrations
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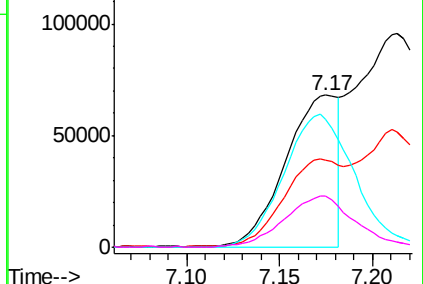
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

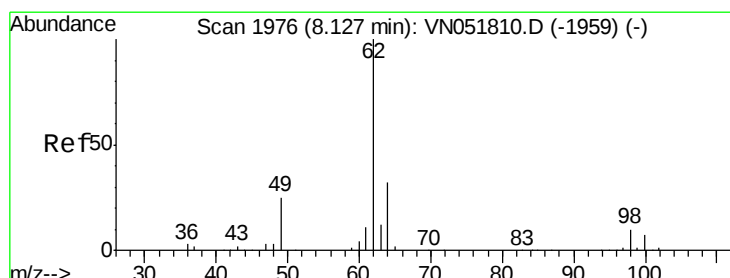
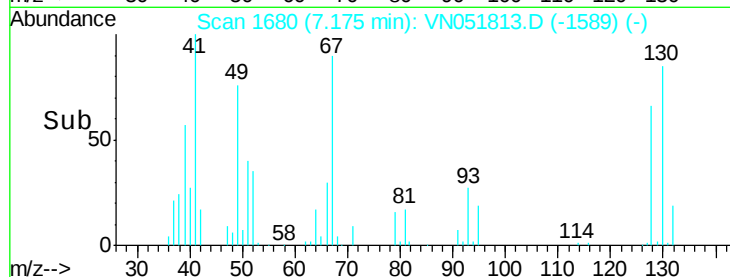
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



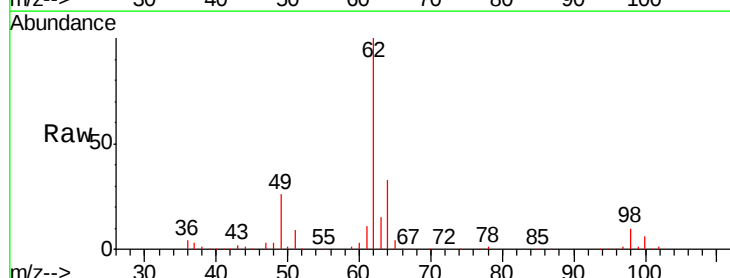
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#42
1,2-Dichloroethane
Concen: 48.82 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

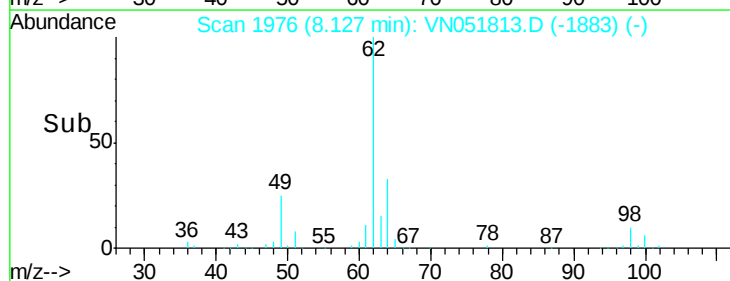
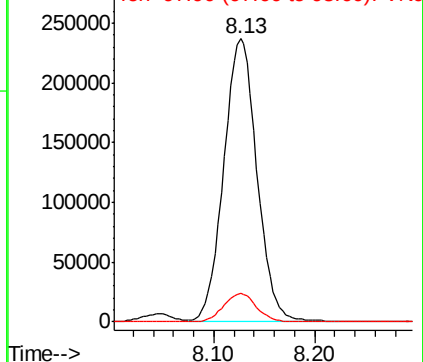
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6

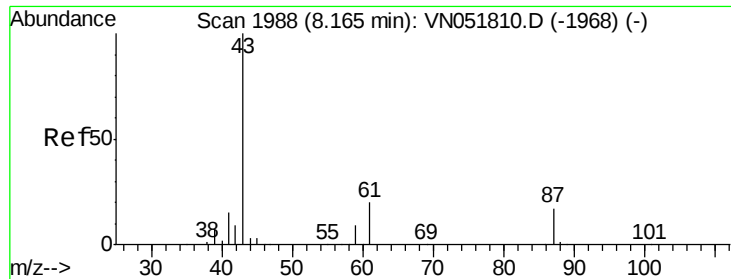


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





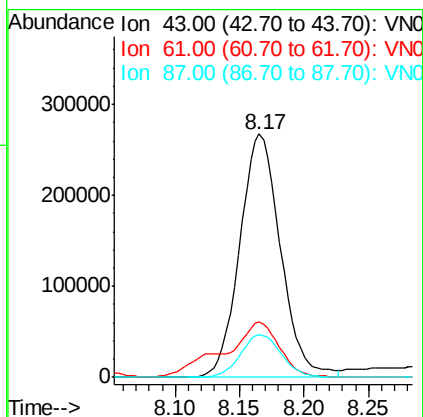
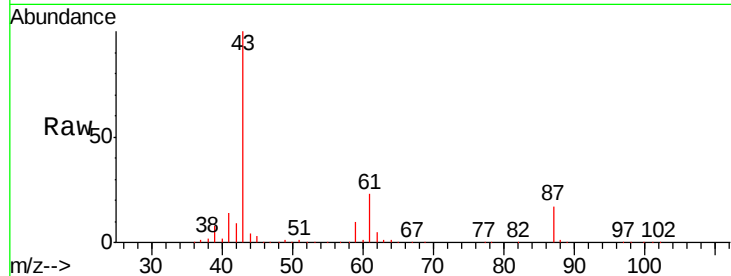
#43
Isopropyl Acetate
Concen: 48.46 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.5	26.3
87	17.7	11.3	16.9

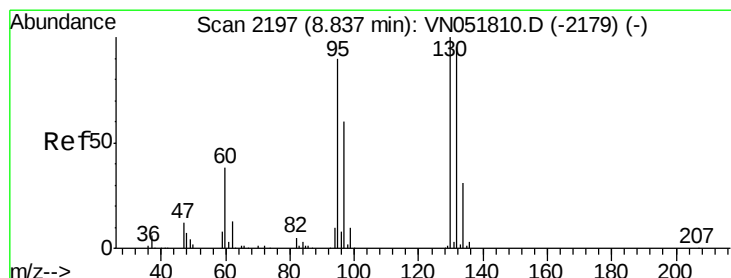
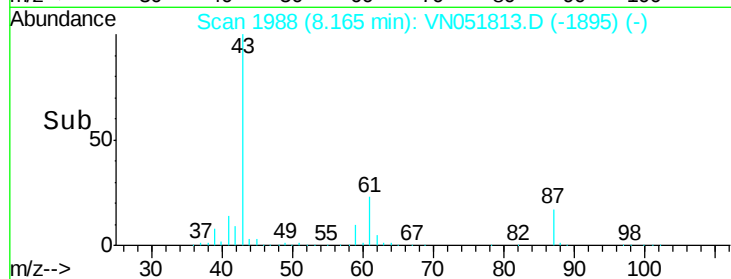
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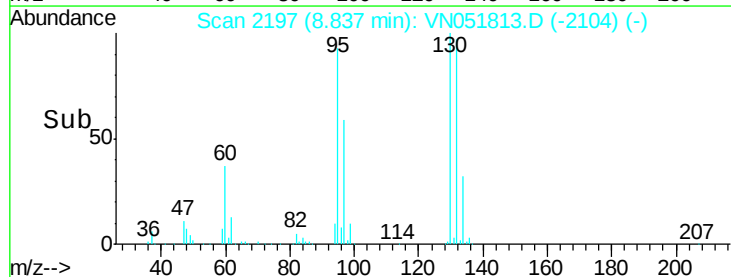
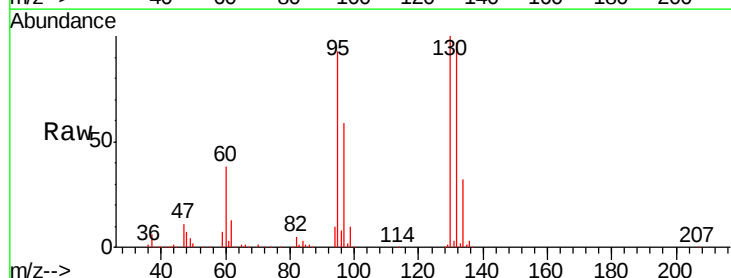
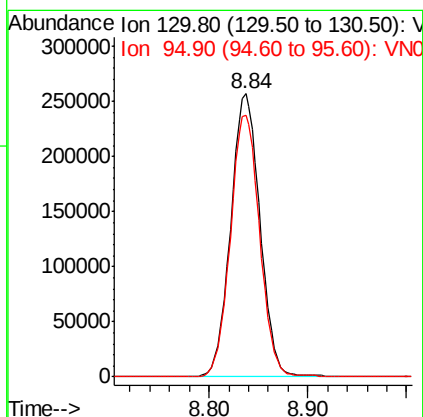
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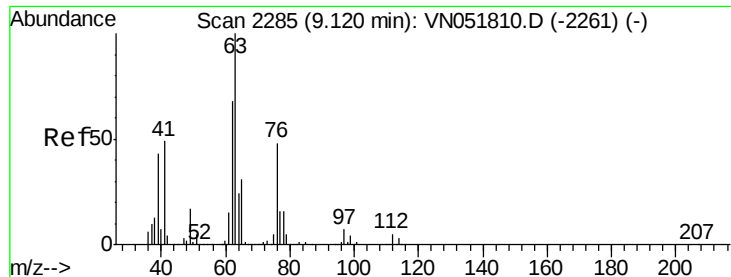
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#44
Trichloroethene
Concen: 51.64 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	193.0





#45

1,2-Dichloropropane

Concen: 48.64 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICV051813.D

Tgt Ion: 63 Resp: 386469

Ion Ratio Lower Upper

63 100

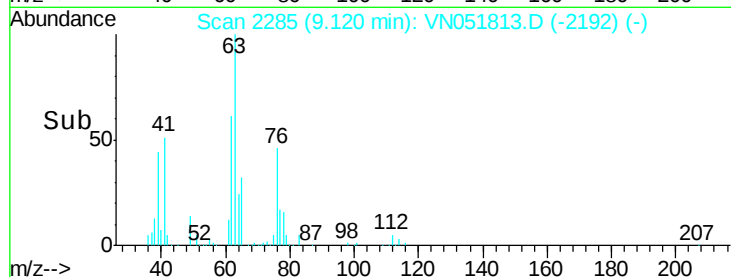
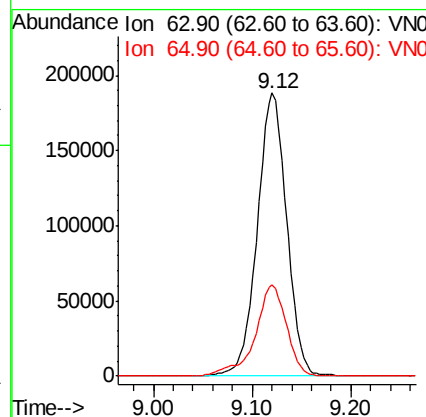
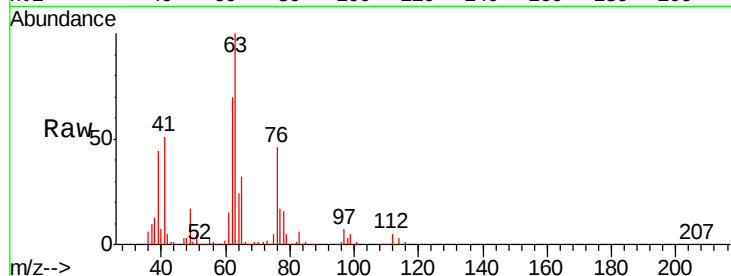
65 32.4 25.0 37.6

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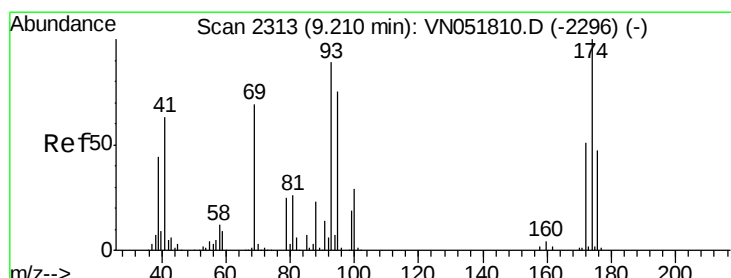
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#46

Dibromomethane

Concen: 50.69 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

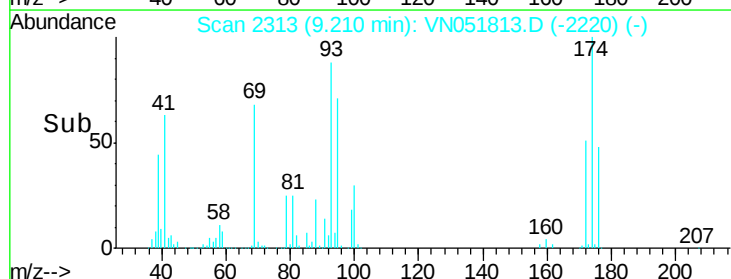
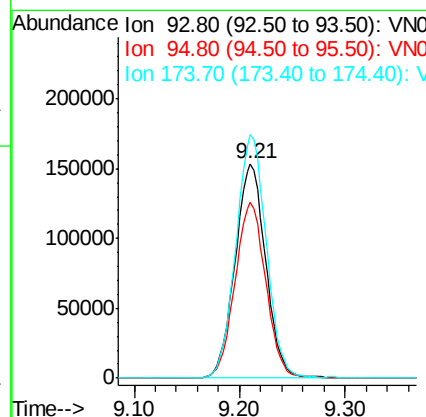
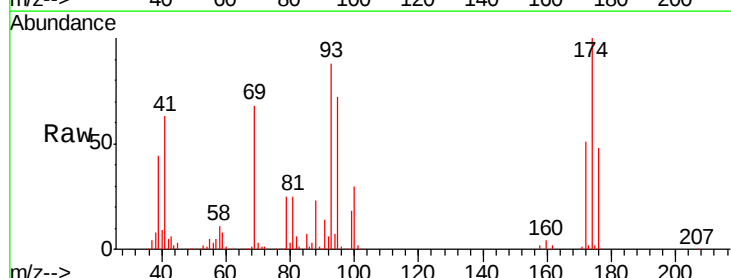
Tgt Ion: 93 Resp: 309051

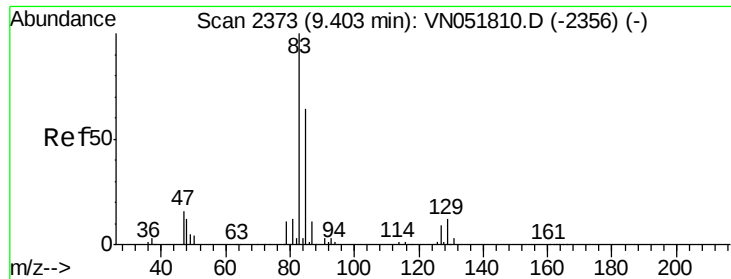
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 112.7 89.8 134.6





#47

Bromodichloromethane

Concen: 50.48 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

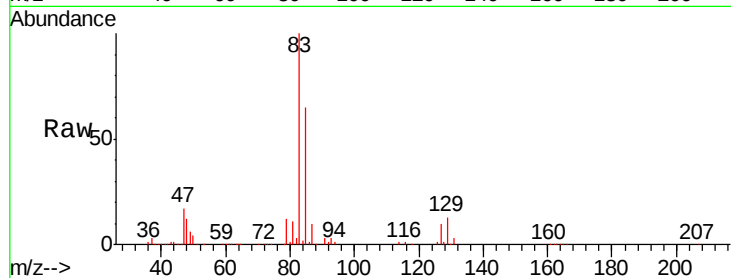
ClientSampleId :

ICV05181118

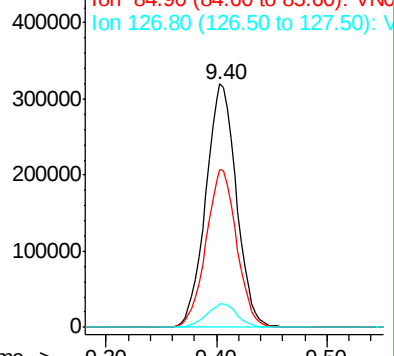
Tgt Ion:	83	Resp:	614978
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	78.8
127	9.6	7.2	10.8

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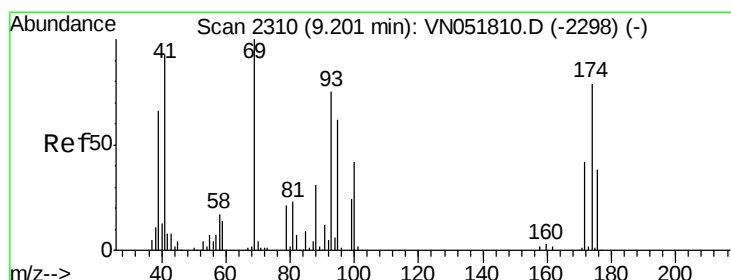
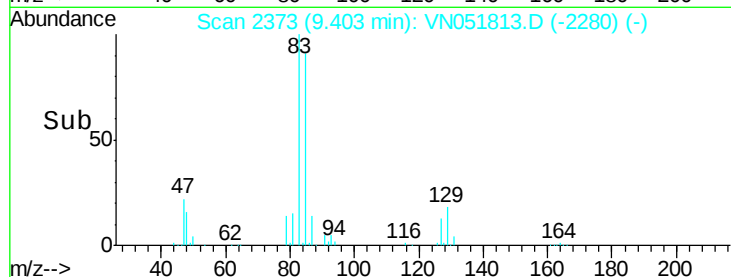


Abundance Ion 82.90 (82.60 to 83.60): VN051813.D (-2280) (-)



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#48

Methyl methacrylate

Concen: 50.31 ug/l

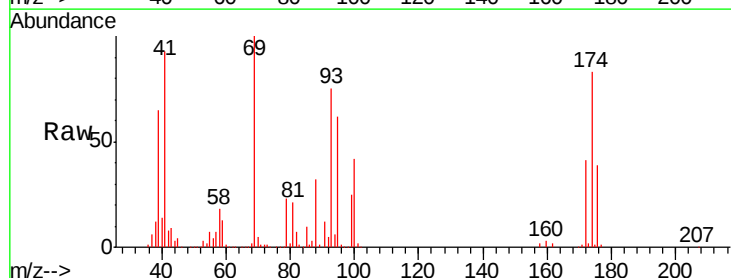
RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

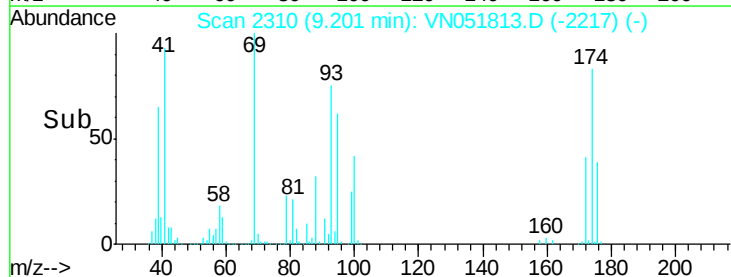
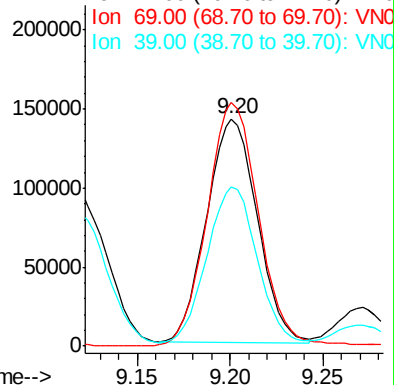
Lab File: VN051813.D

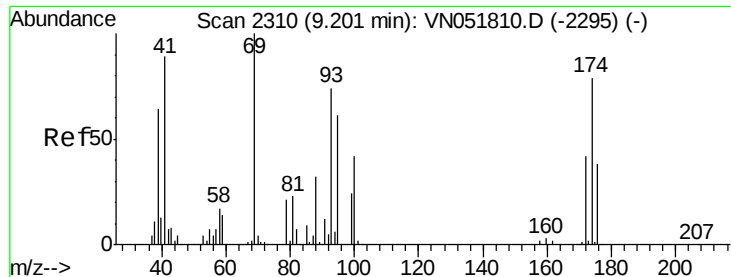
Acq: 11 Oct 2018 13:23

Tgt Ion:	41	Resp:	269531
Ion	Ratio	Lower	Upper
41	100		
69	110.4	74.7	112.1
39	71.4	42.2	63.2#



Abundance Ion 41.00 (40.70 to 41.70): VN051813.D (-2217) (-)





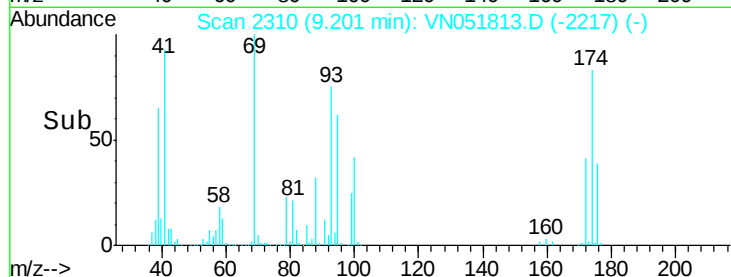
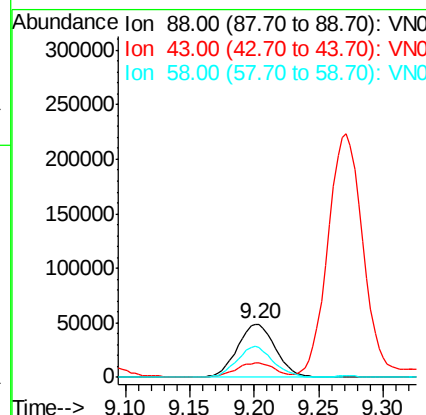
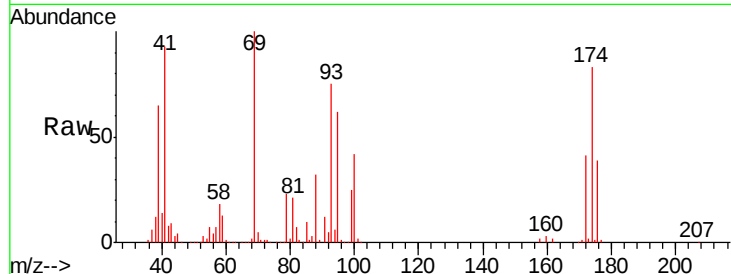
#49
1,4-Dioxane
Concen: 963.73 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
88	100		
43	25.2	25.9	38.9#
58	54.3	55.0	82.4#

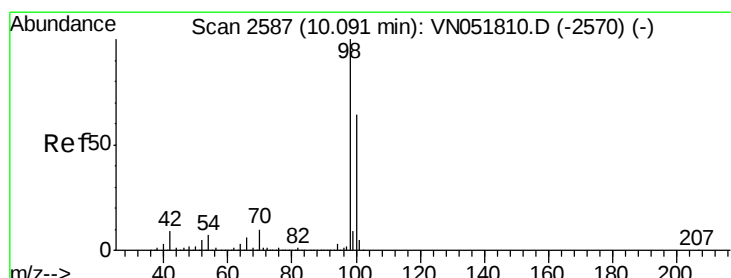
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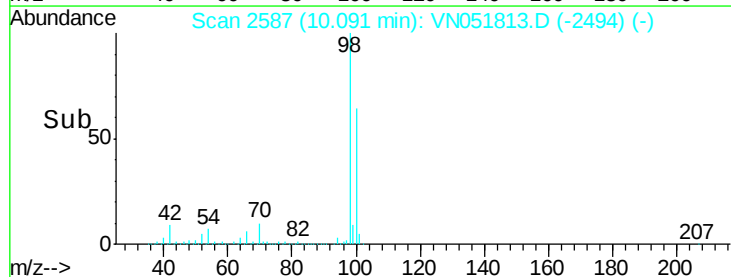
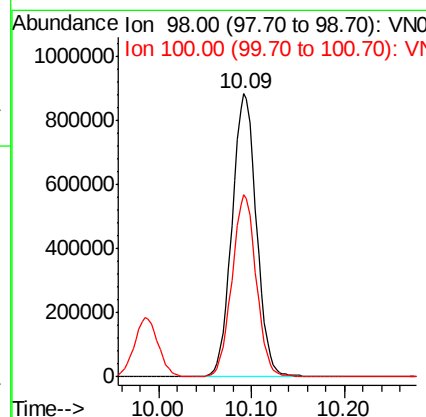
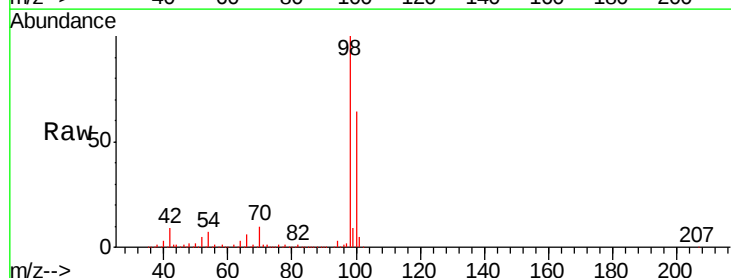
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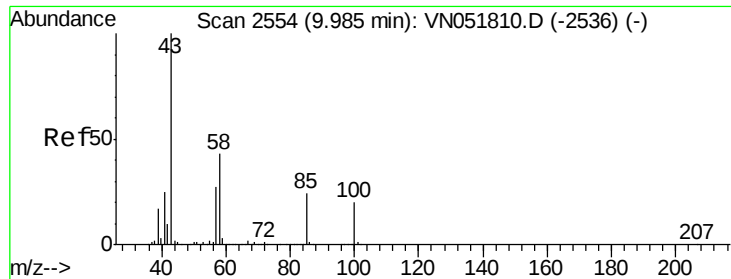
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#50
Toluene-d8
Concen: 963.73 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





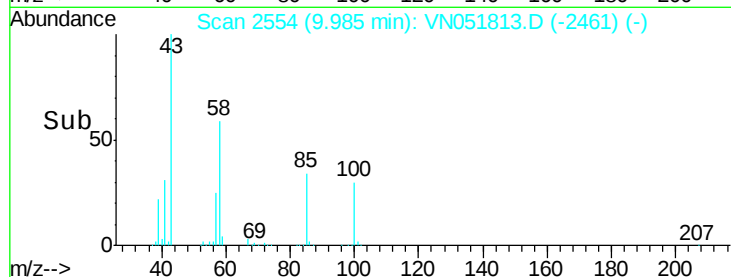
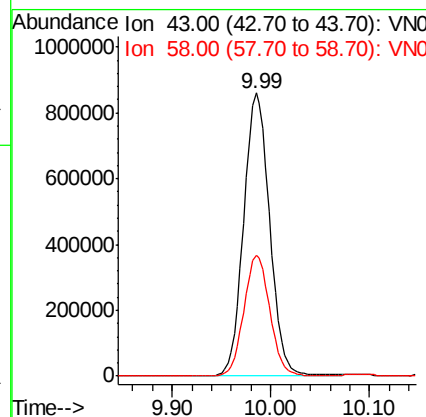
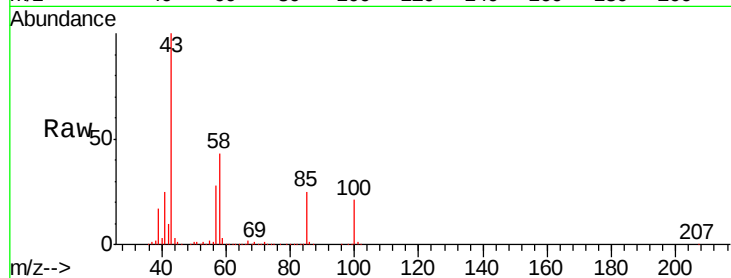
#51
4-Methyl-2-Pentanone
Concen: 251.32 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 43 Resp: 1568991
Ion Ratio Lower Upper
43 100
58 42.7 32.4 48.6

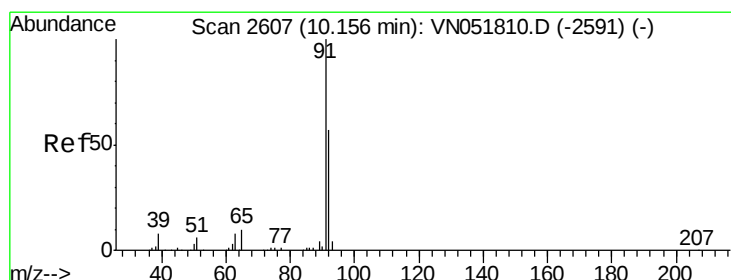
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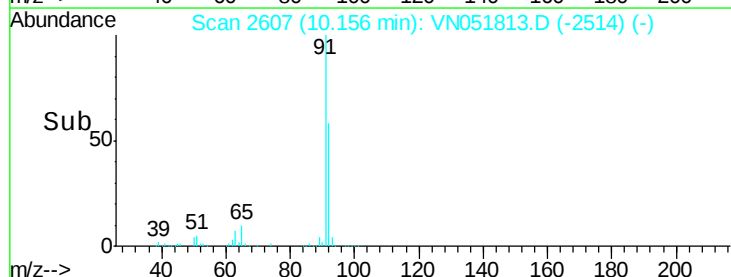
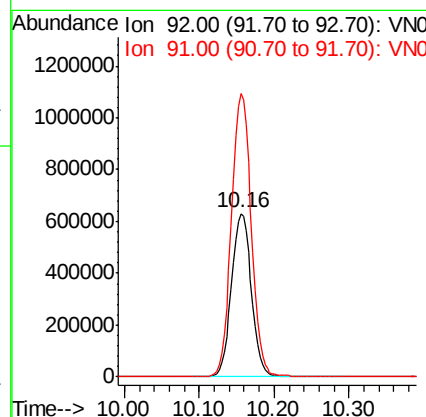
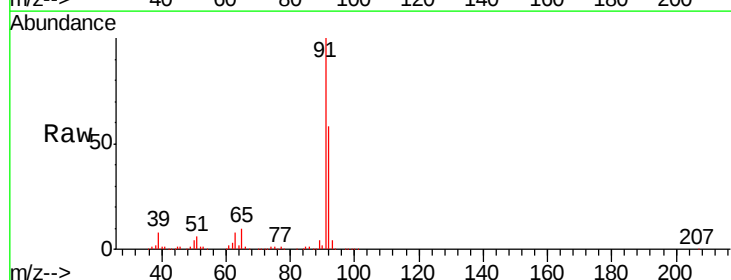
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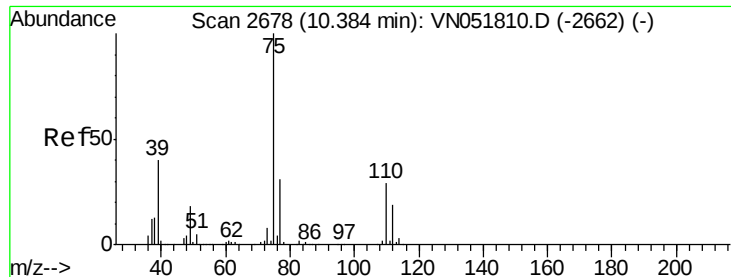
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#52
Toluene
Concen: 51.12 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 92 Resp: 1159876
Ion Ratio Lower Upper
92 100
91 172.9 140.6 211.0





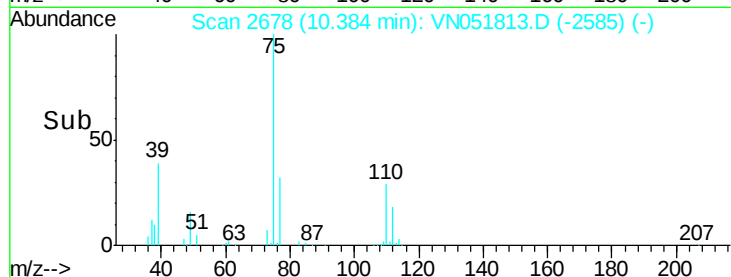
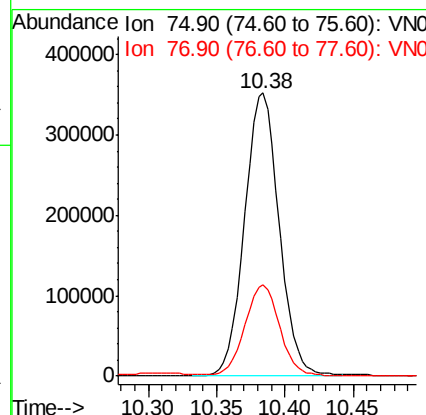
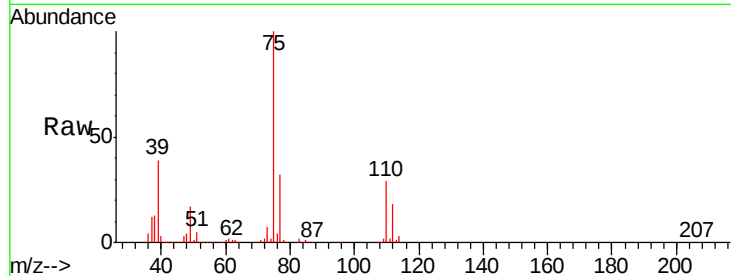
#53
t-1,3-Dichloropropene
Concen: 50.87 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 75 Resp: 620854
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

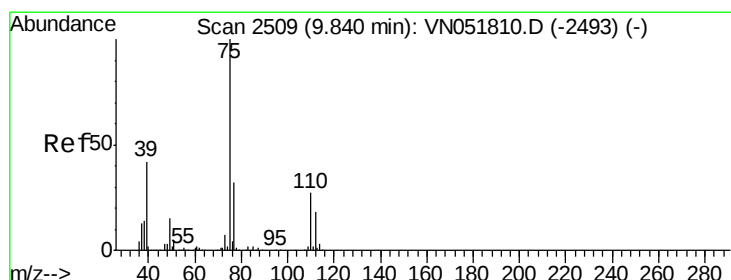
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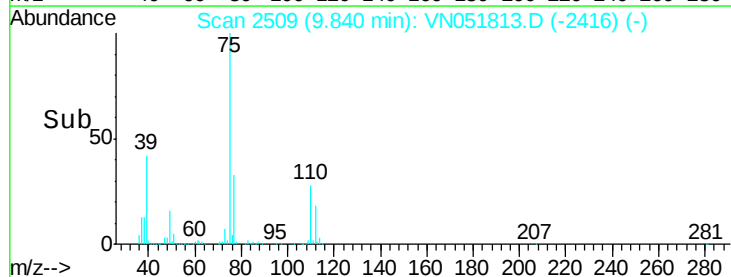
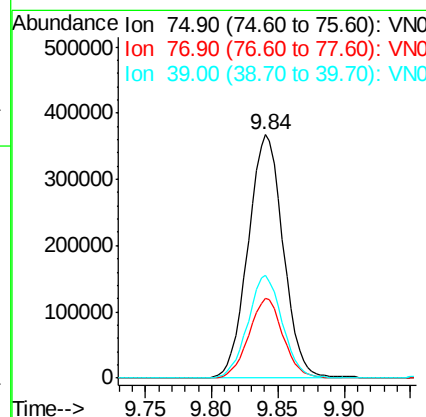
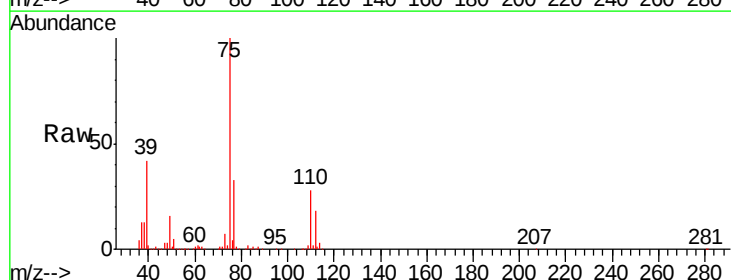
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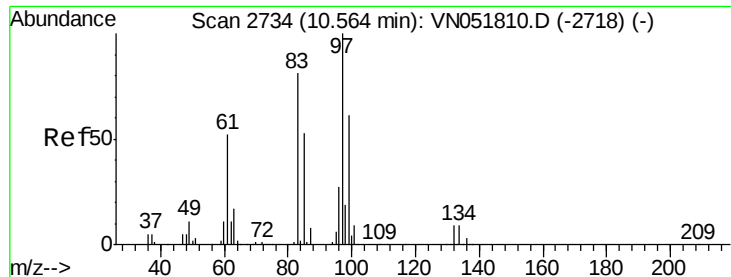
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#54
cis-1,3-Dichloropropene
Concen: 50.44 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 75 Resp: 675900
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
39 42.0 33.0 49.4





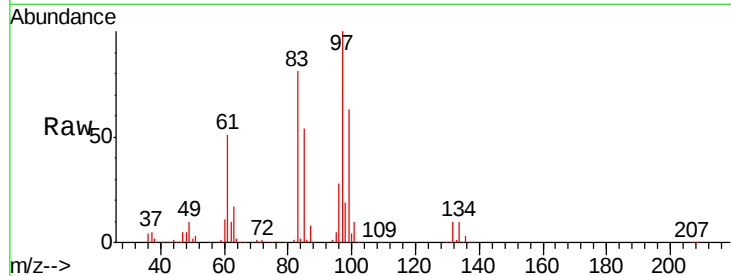
#55
 1,1,2-Trichloroethane
 Concen: 49.93 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.2	69.7	104.5
85	53.8	44.5	66.7
99	62.7	50.7	76.1

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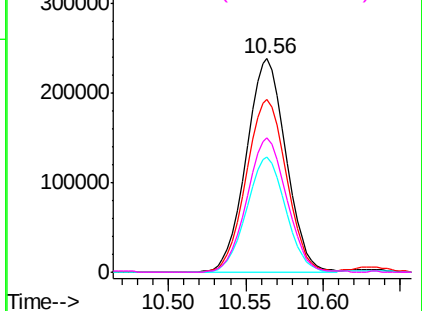
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

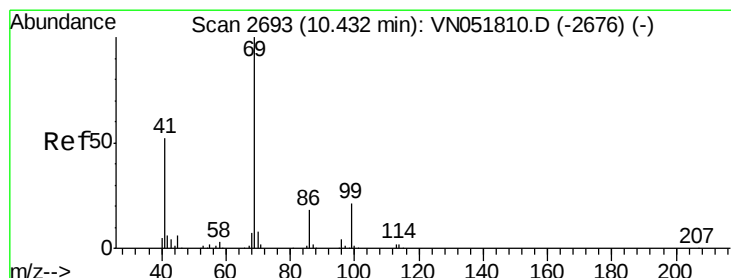
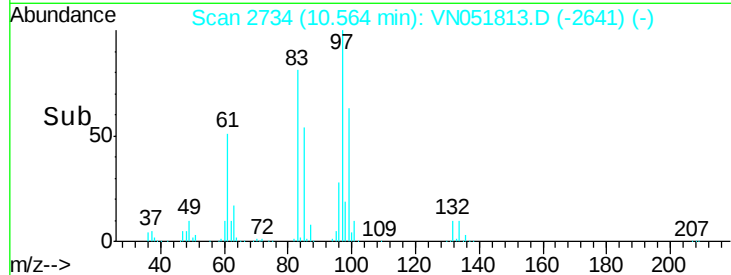
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



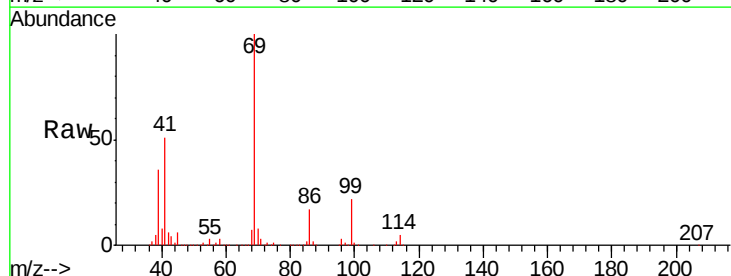
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#56
 Ethyl methacrylate
 Concen: 51.60 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	51.3	48.3	72.5
39	37.3	24.0	36.0#

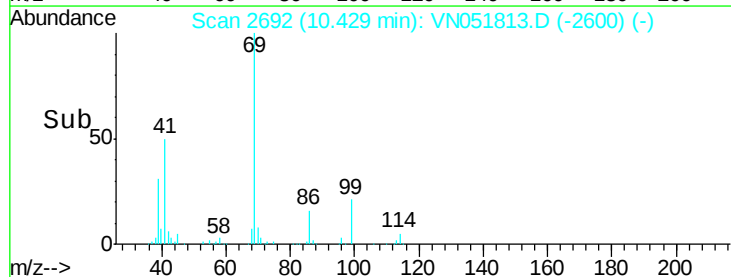
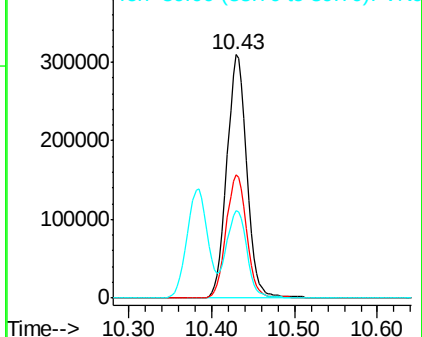


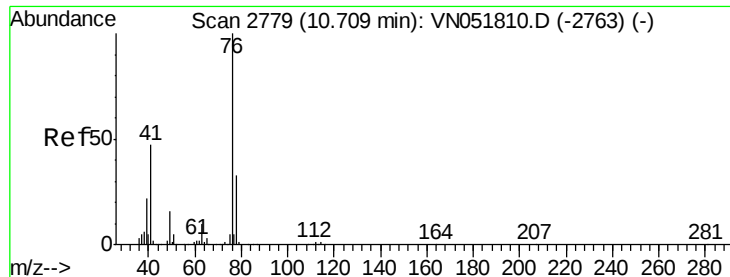
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





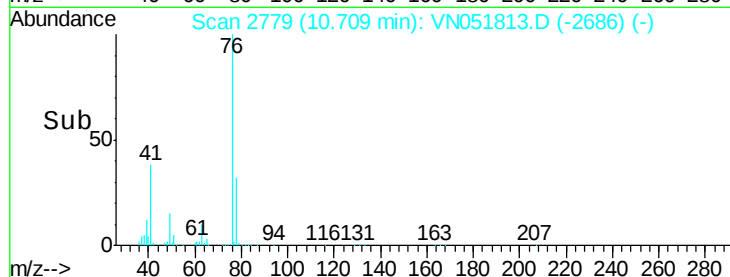
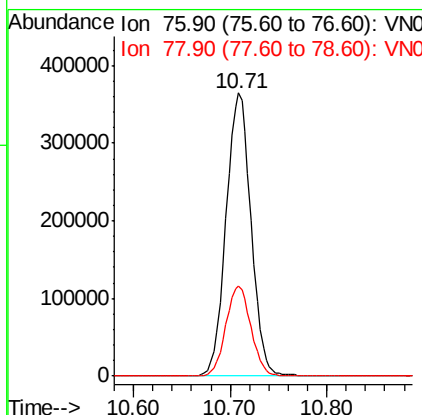
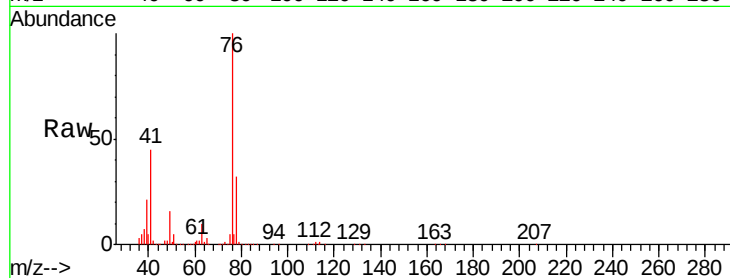
#57
 1,3-Dichloropropane
 Concen: 49.20 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

Tgt Ion: 76 Resp: 652389
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3

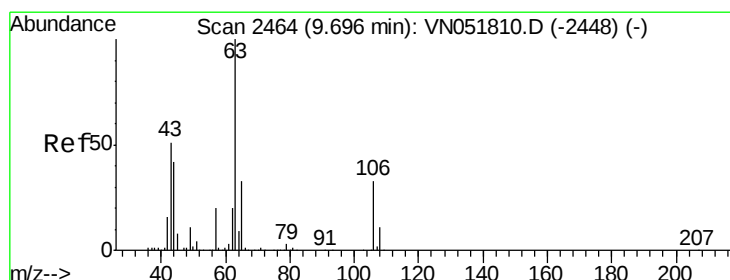
Manual Integrations
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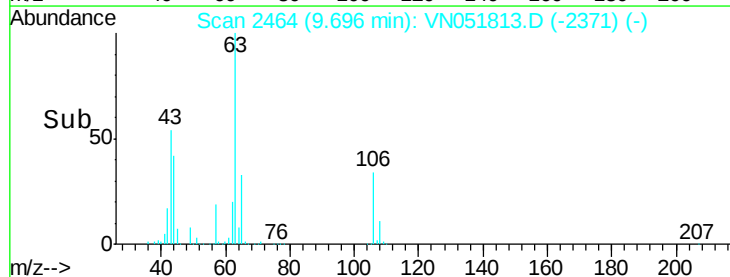
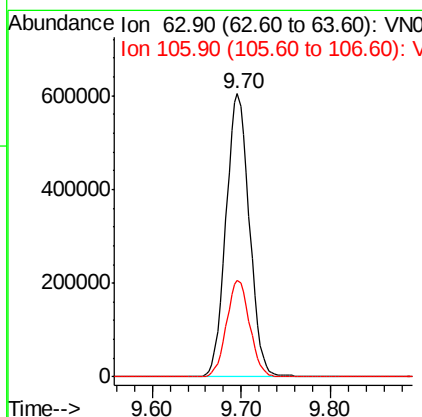
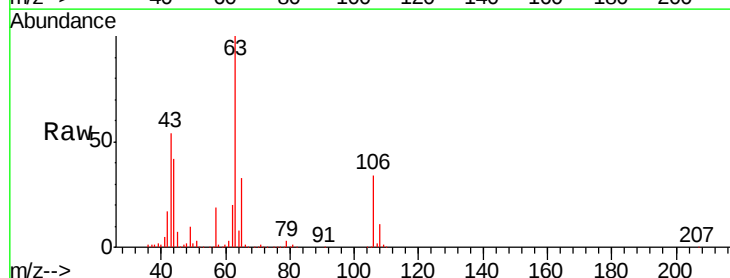
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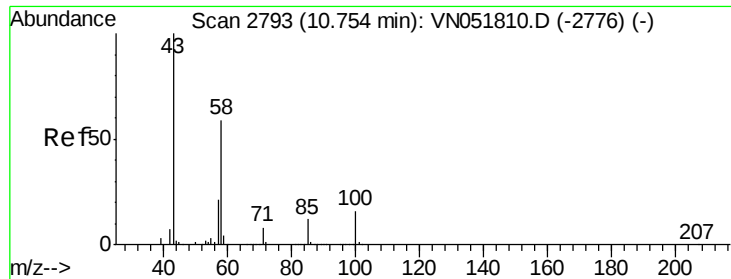
10/15/2018 3:00:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.14 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Tgt Ion: 63 Resp: 1099211
 Ion Ratio Lower Upper
 63 100
 106 33.8 21.9 32.9#





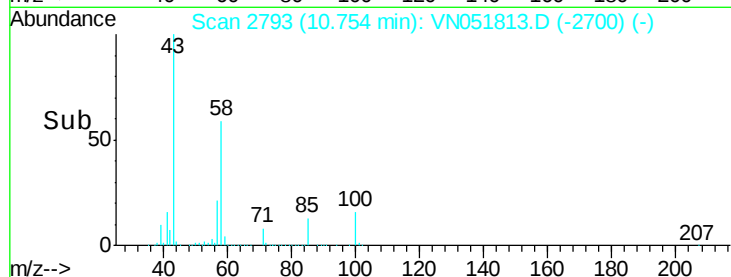
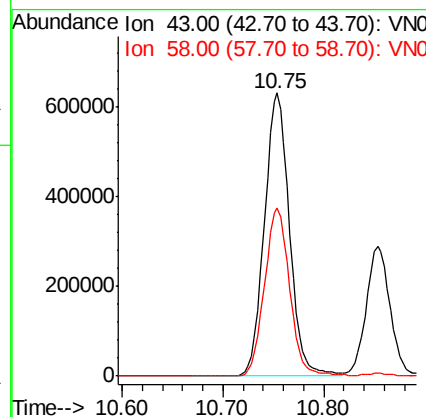
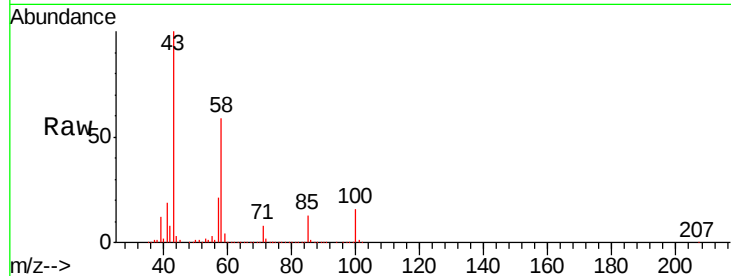
#59
2-Hexanone
Concen: 247.71 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 43 Resp: 1086168
Ion Ratio Lower Upper
43 100
58 59.8 28.3 85.0

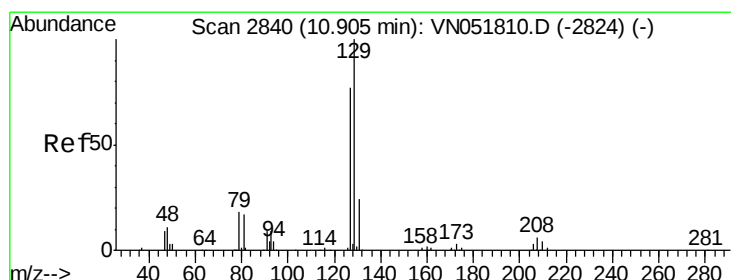
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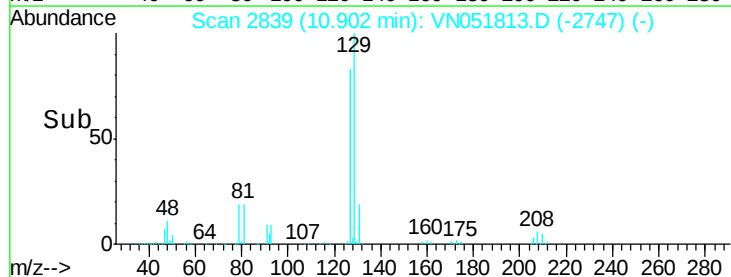
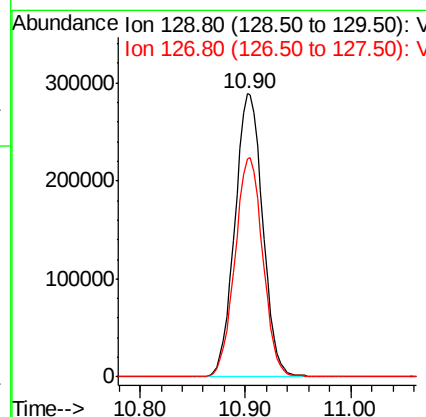
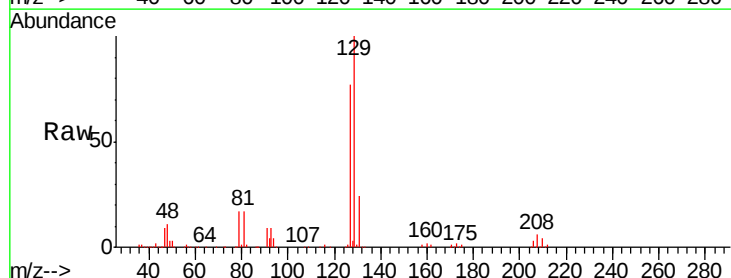
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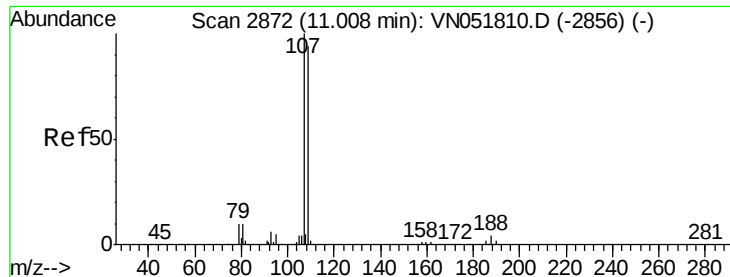
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#60
Dibromochloromethane
Concen: 52.11 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 129 Resp: 527988
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





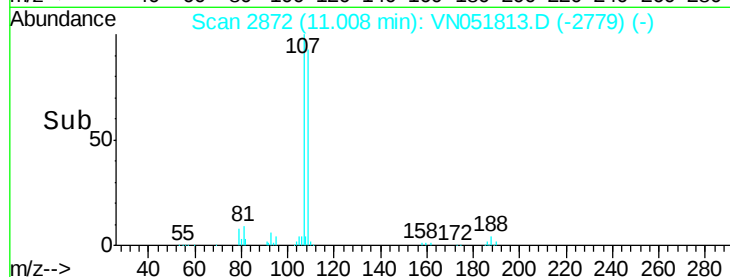
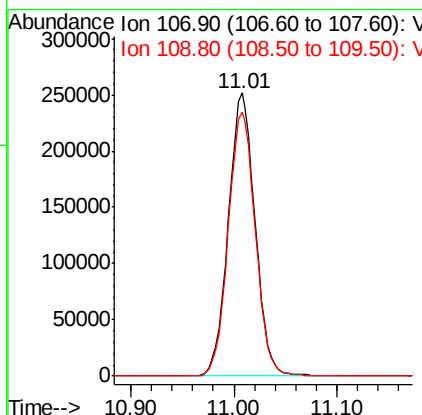
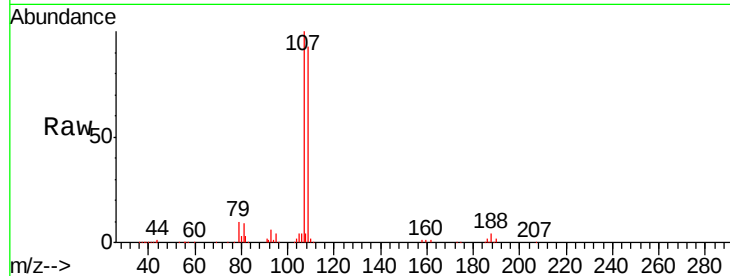
#61
1,2-Dibromoethane
Concen: 51.58 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.2

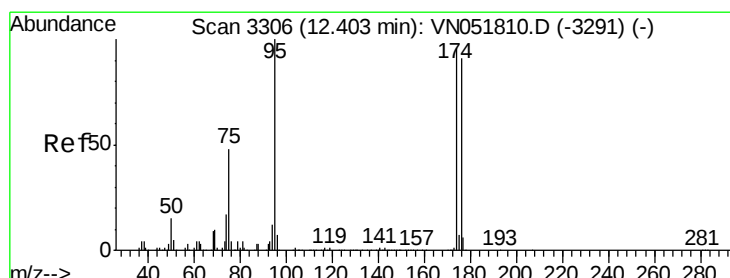
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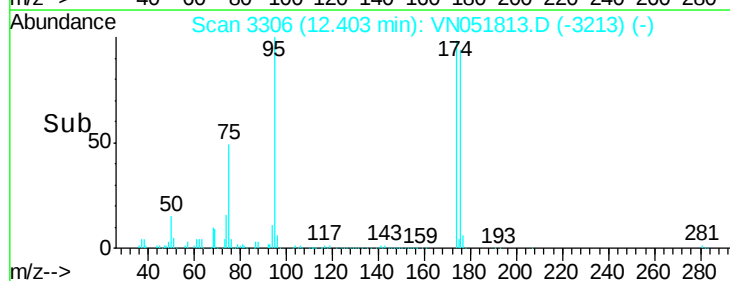
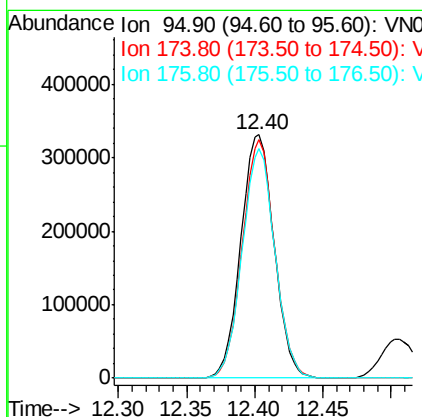
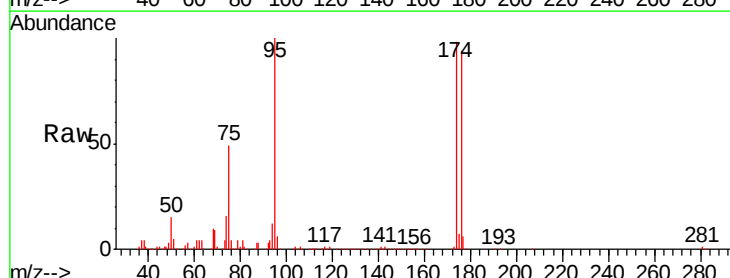
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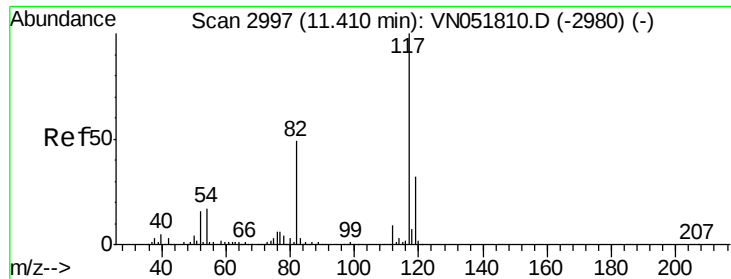
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#62
4-Bromofluorobenzene
Concen: 51.58 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	183.0
176	92.7	0.0	178.8





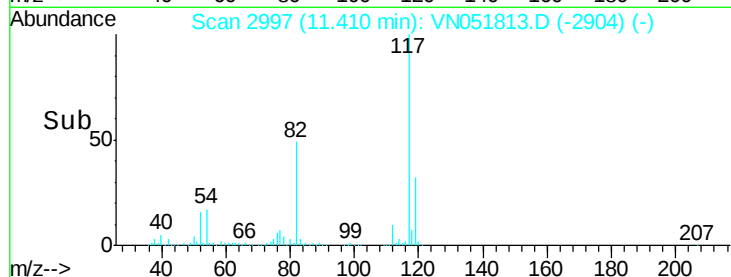
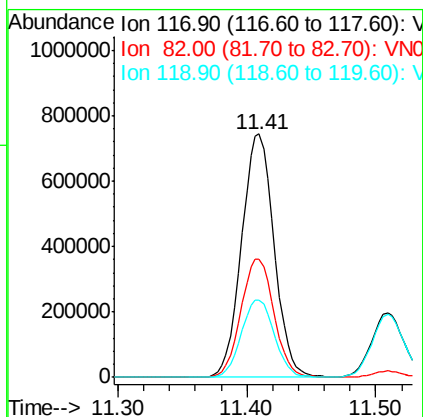
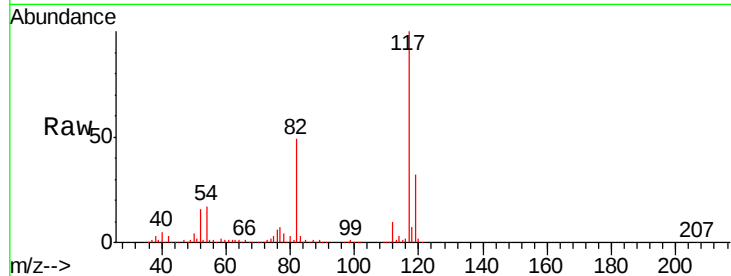
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.6	64.0
119	31.7	25.8	38.6

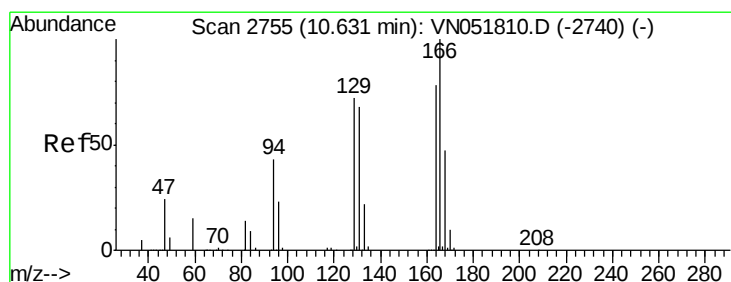
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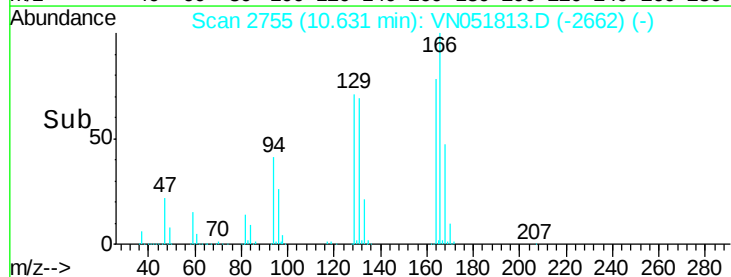
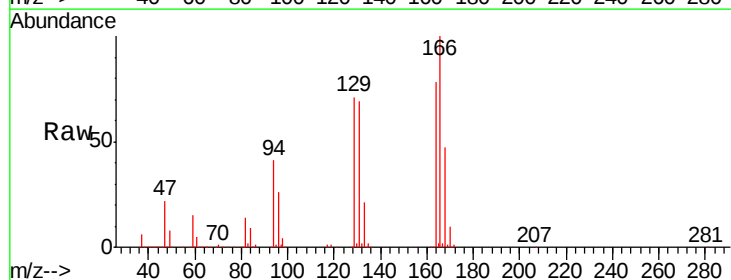
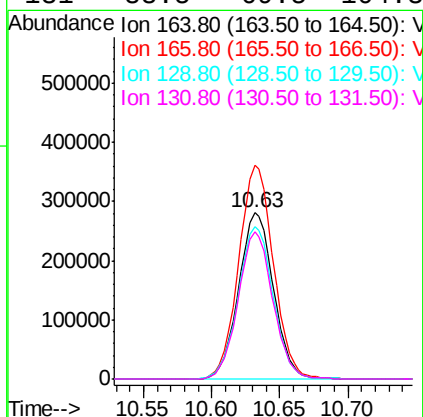
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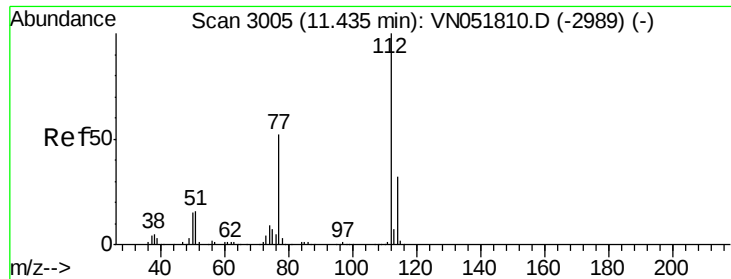
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#64
Tetrachloroethene
Concen: 49.71 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.5	155.3
129	91.5	72.7	109.1
131	88.5	69.5	104.3





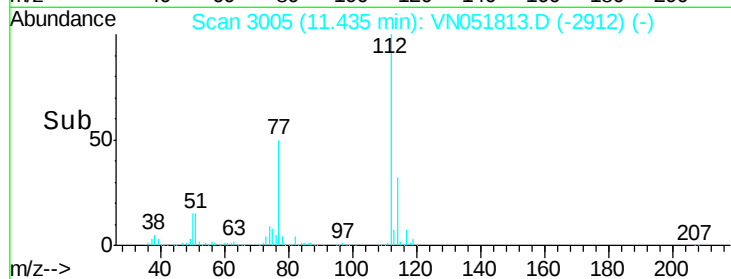
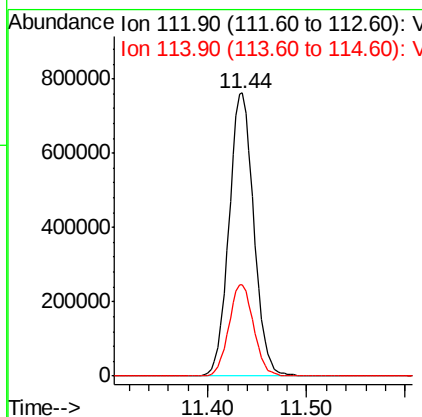
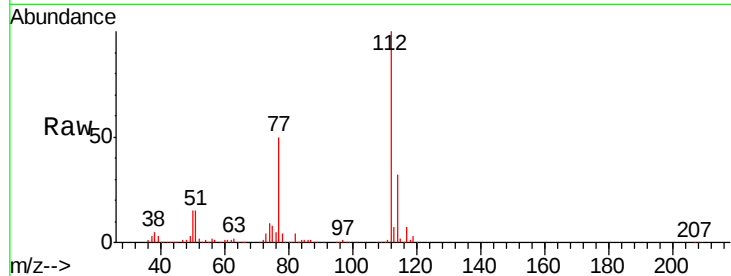
#65
Chlorobenzene
Concen: 50.59 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion:112 Resp: 1338370
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4

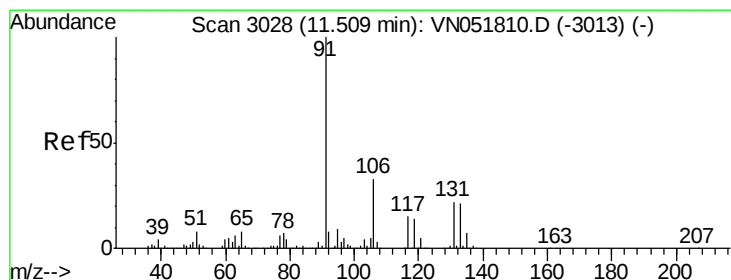
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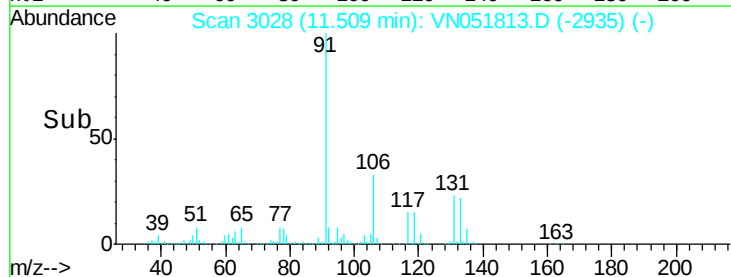
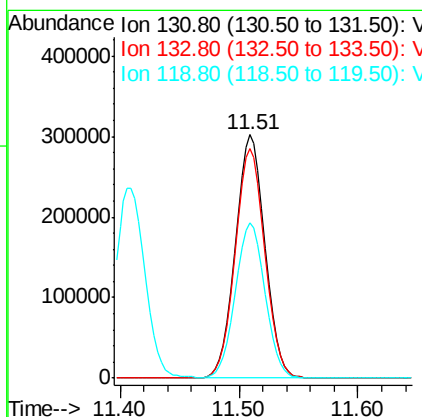
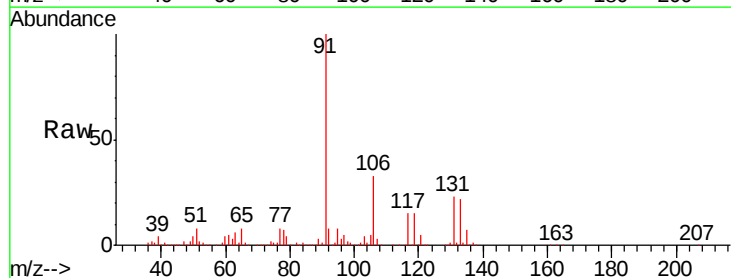
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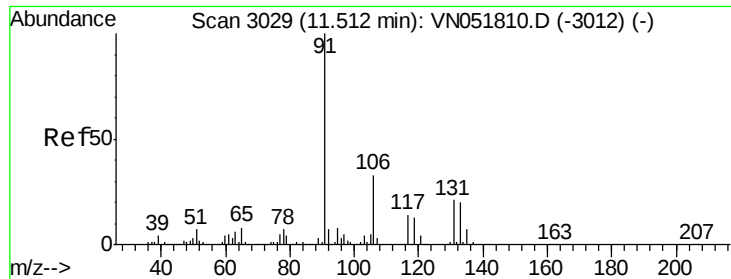
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.40 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion:131 Resp: 518274
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 64.4 32.8 98.4





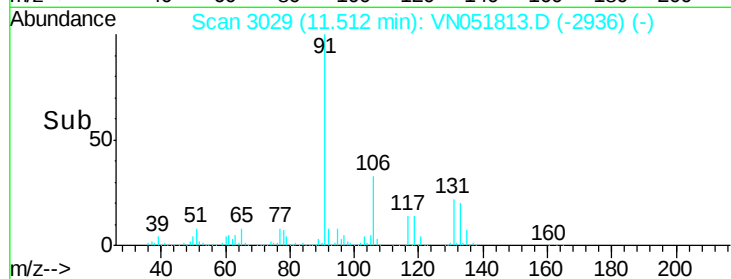
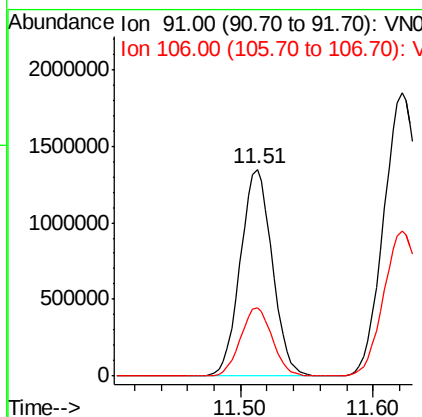
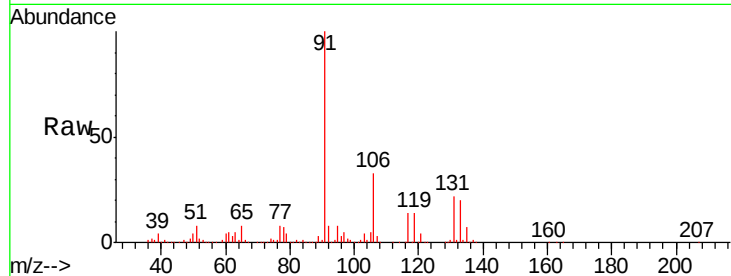
#67
Ethyl Benzene
Concen: 51.43 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 91 Resp: 2252388
Ion Ratio Lower Upper
91 100
106 33.2 25.0 37.4

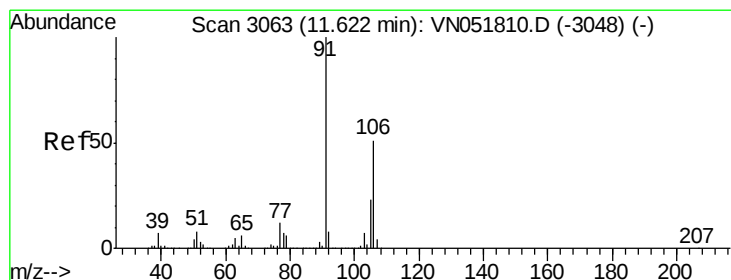
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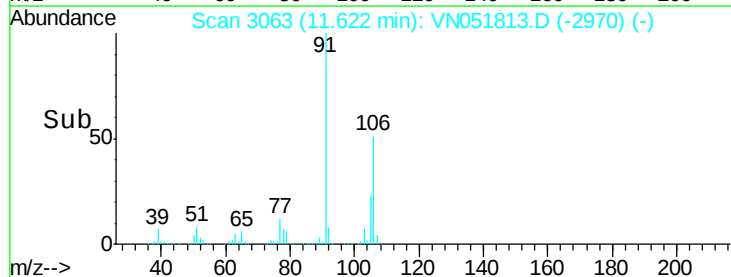
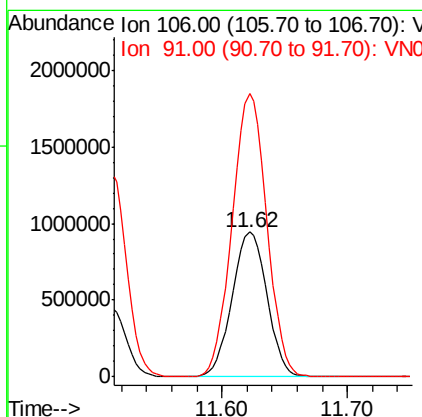
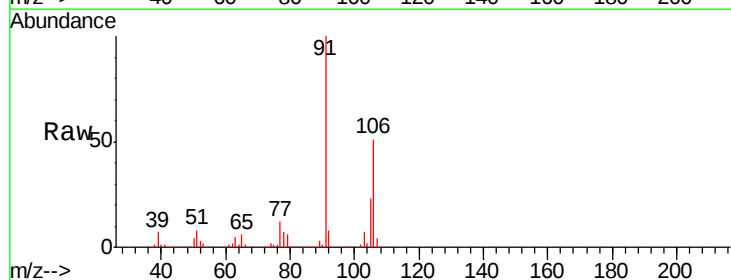
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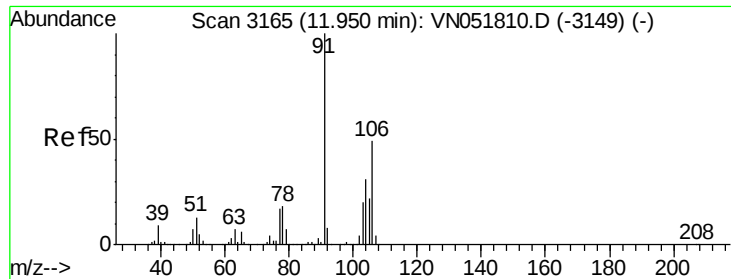
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#68
m/p-Xylenes
Concen: 103.34 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 106 Resp: 1828092
Ion Ratio Lower Upper
106 100
91 193.2 161.0 241.6





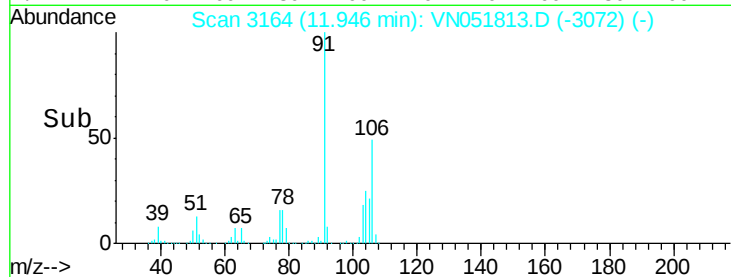
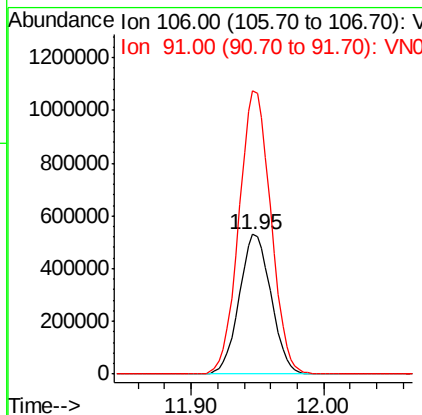
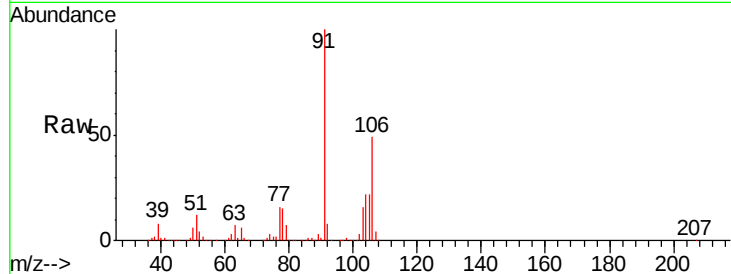
#69
o-Xylene
Concen: 51.31 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion:106 Resp: 881641
Ion Ratio Lower Upper
106 100
91 203.6 106.5 319.5

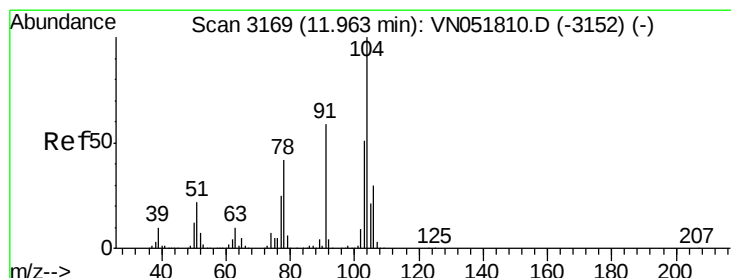
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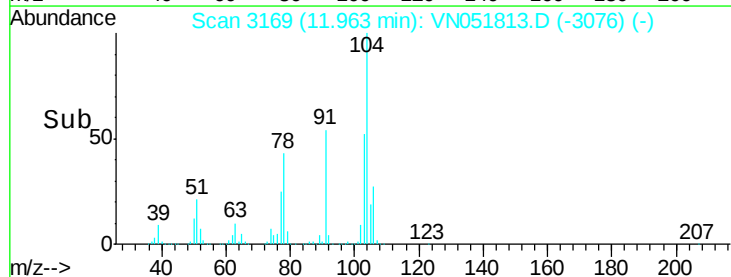
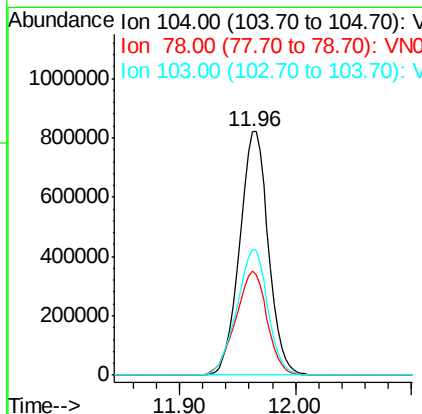
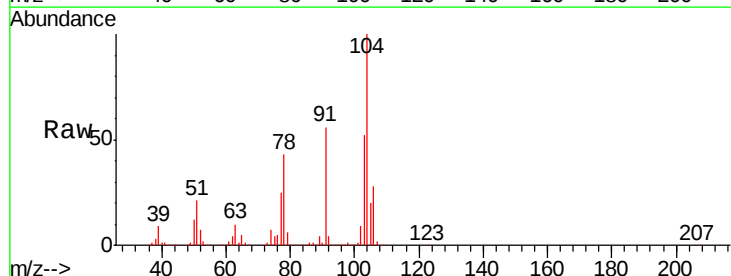
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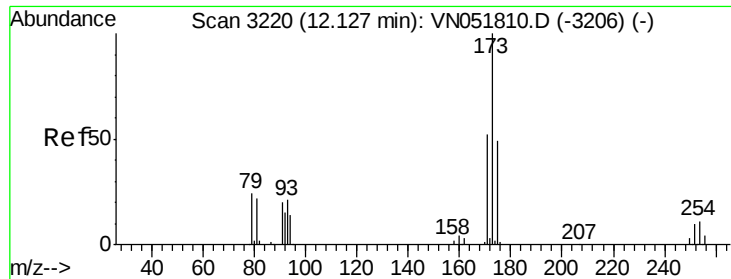
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#70
Styrene
Concen: 53.17 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion:104 Resp: 1409264
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.4
103 55.9 44.4 66.6





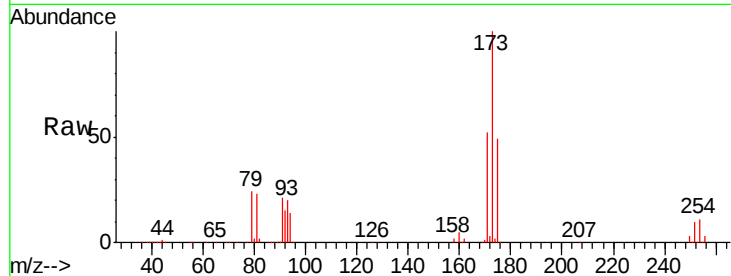
#71
Bromoform
Concen: 45.76 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

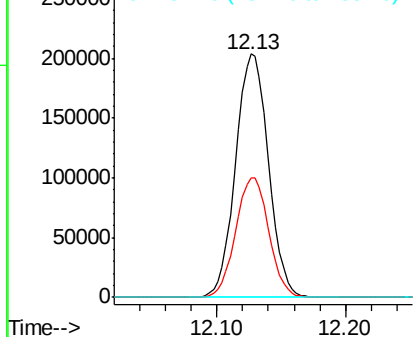
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.4
254	0.1	0.1	0.1

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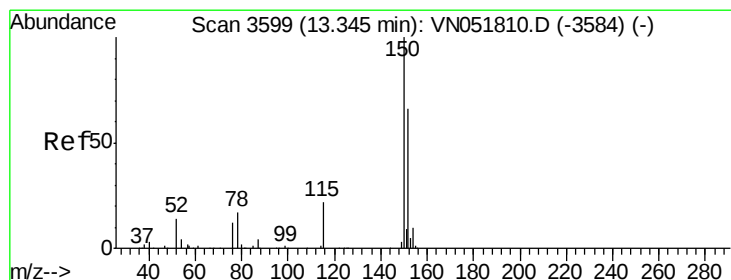
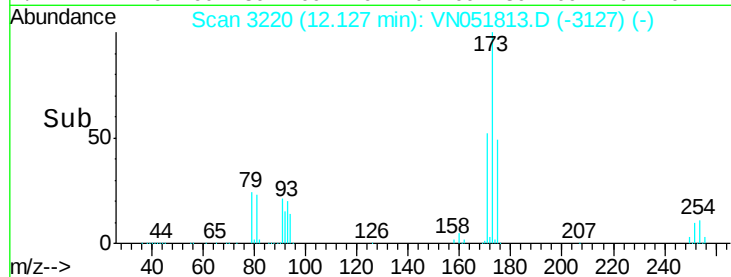


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



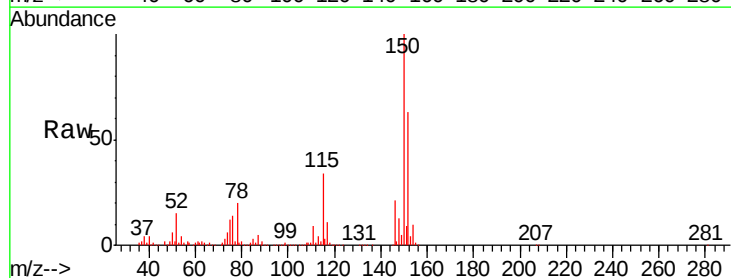
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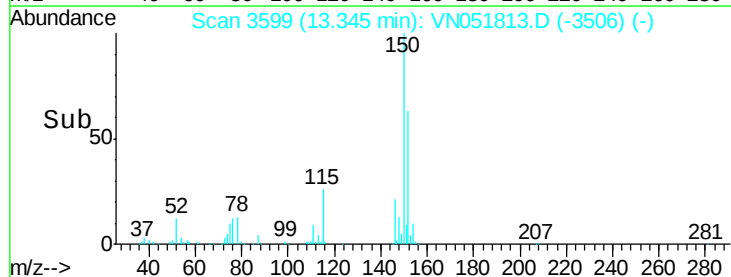
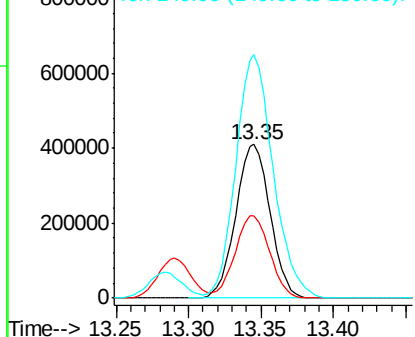


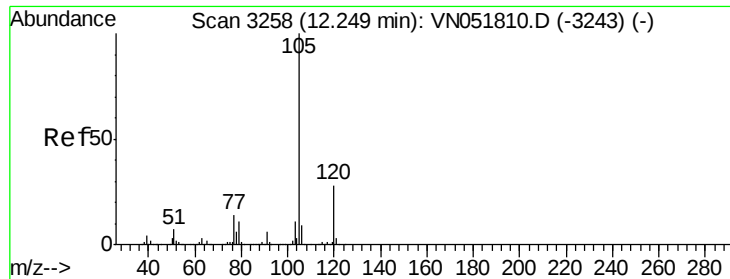
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.8	83.4
150	172.5	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.26 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVFN101118

Tgt Ion: 105 Resp: 2400318

Ion Ratio Lower Upper

105 100

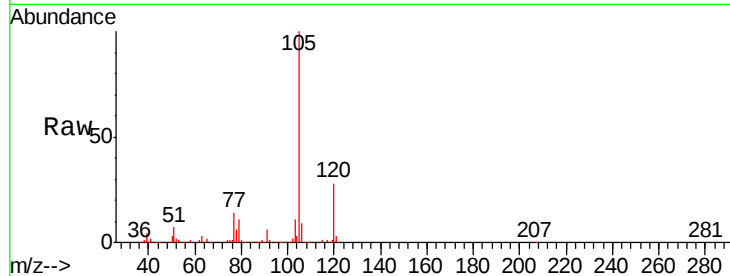
120 27.7 13.5 40.4

Manual Integrations

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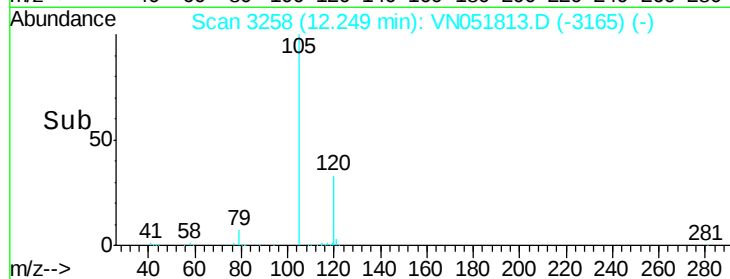
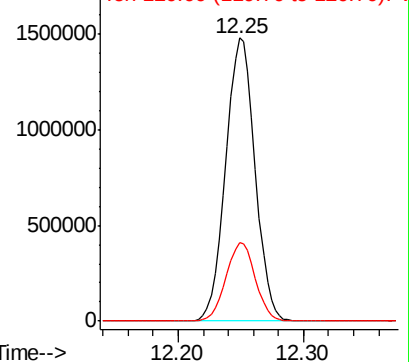
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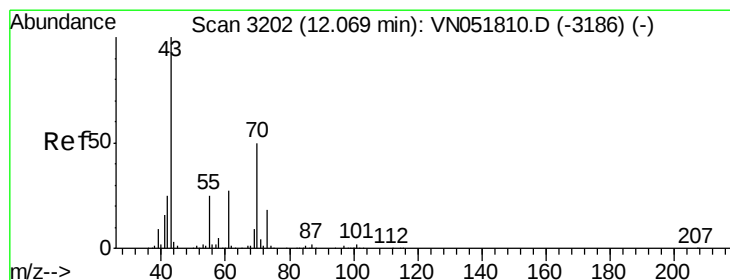
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



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#74

N-ethyl acetate

Concen: 49.49 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Tgt Ion: 43 Resp: 509205

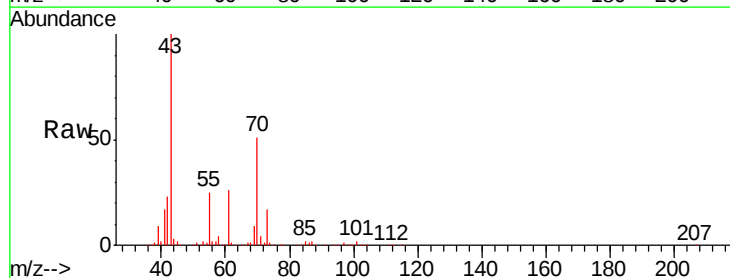
Ion Ratio Lower Upper

43 100

70 50.2 36.2 54.2

55 24.9 21.8 32.8

61 26.2 20.5 30.7

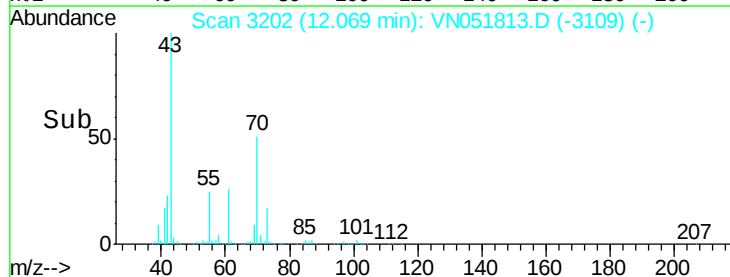
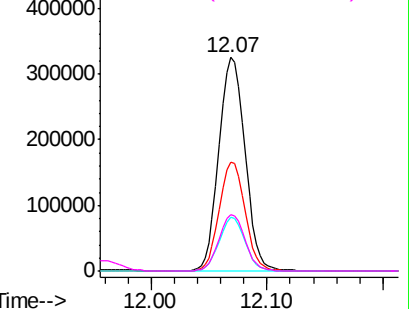


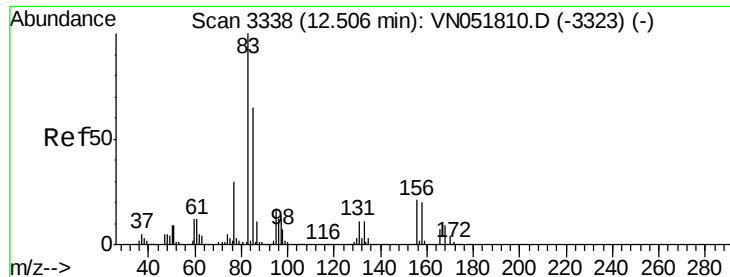
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.39 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

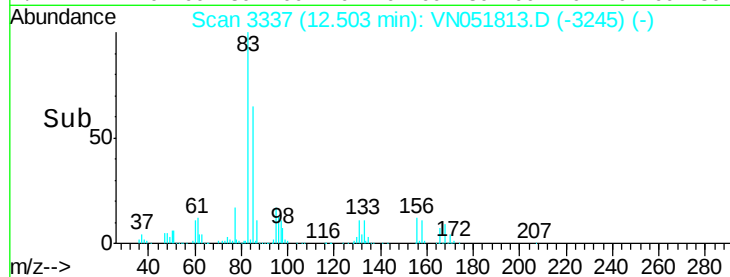
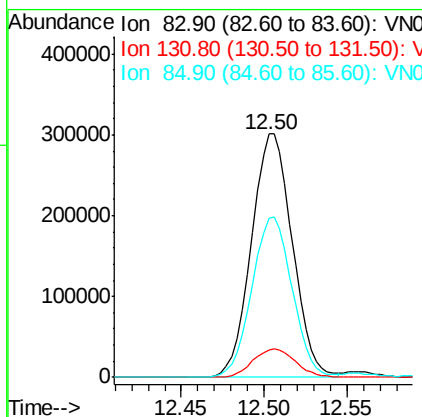
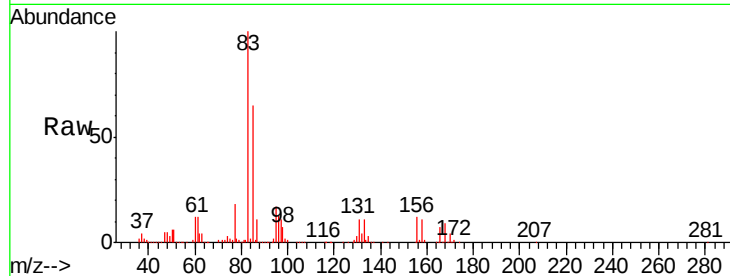
ClientSampleId :

ICVFN101118

Tgt Ion:	83	Resp:	517304
Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.3	15.9
85	64.8	31.9	95.7

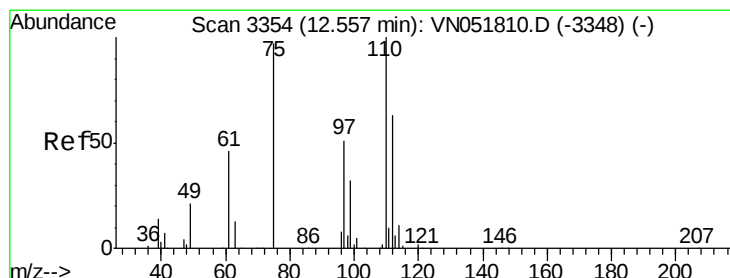
Manual Integrations
APPROVED

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10/15/2018 3:00:15 PM



MMDadoda

10/15/2018 3:00:15 PM



#76

1,2,3-Trichloropropane

Concen: 43.44 ug/l m

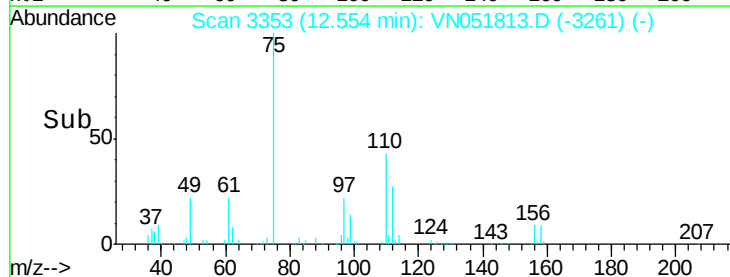
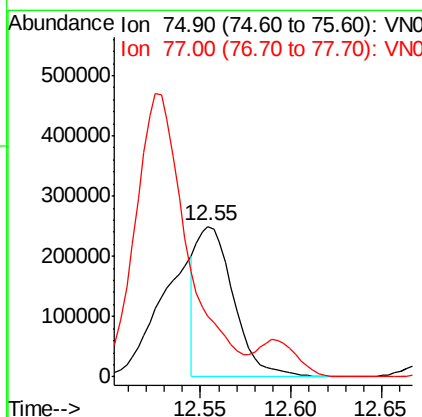
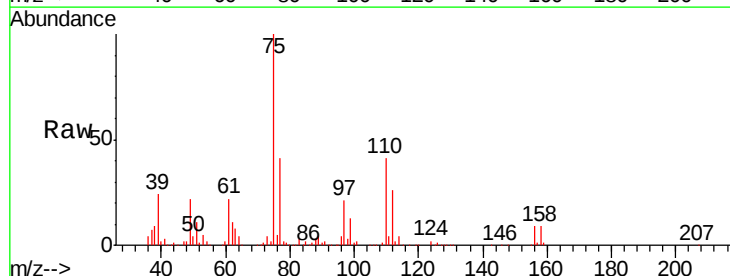
RT: 12.55 min Scan# 3353

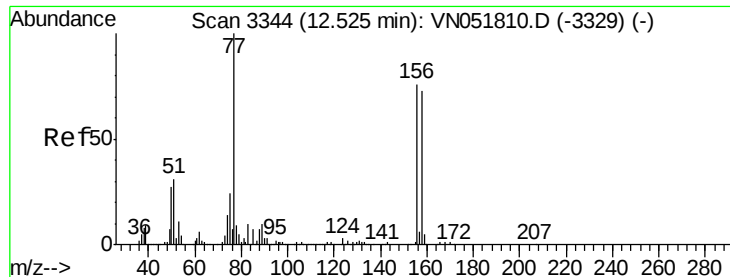
Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Tgt Ion:	75	Resp:	361385
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.11 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

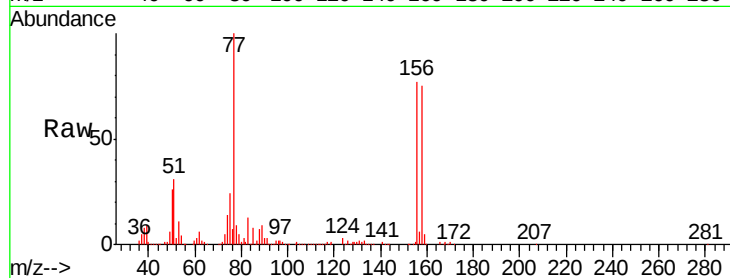
ClientSampleId :

ICV01118

Tgt Ion	Ratio	Lower	Upper
156	100		
77	154.1	89.9	269.7
158	97.9	49.3	147.9

Manual Integrations
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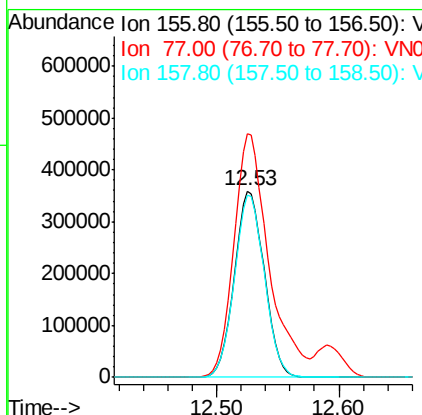
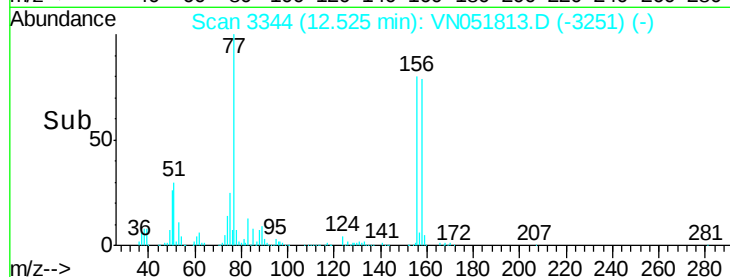
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

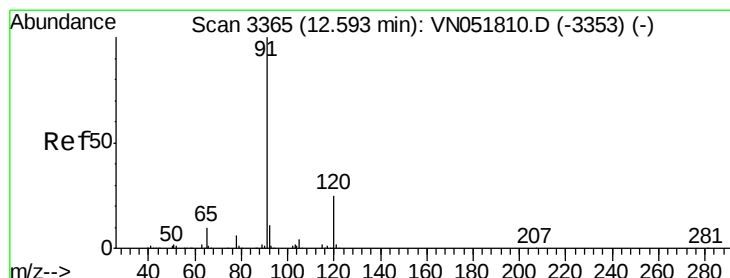
12.53

Time-->



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10/15/2018 3:00:15 PM



#78

n-propylbenzene

Concen: 48.32 ug/l

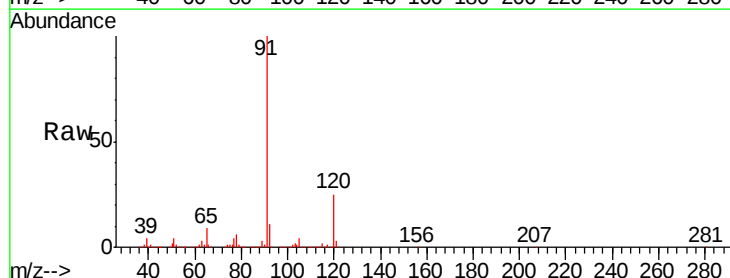
RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	11.7	35.0

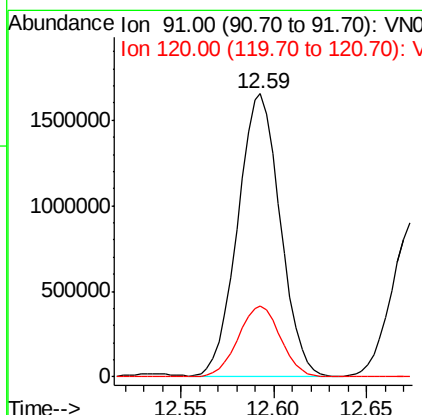
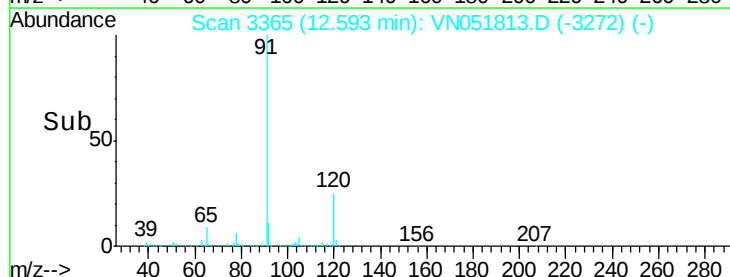


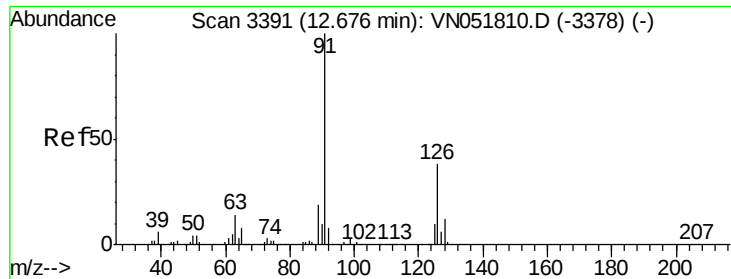
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

Time-->





#79

2-Chlorotoluene

Concen: 46.08 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN101118

Tgt Ion: 91 Resp: 1508238

Ion Ratio Lower Upper

91 100

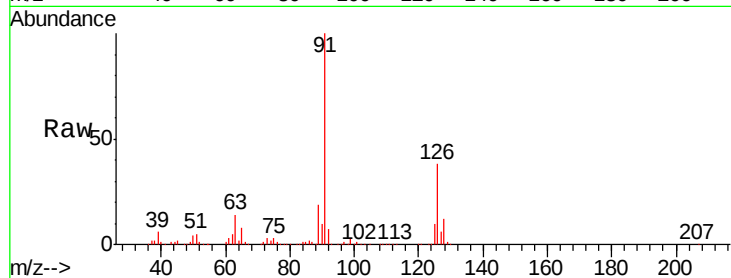
126 38.3 17.8 53.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN051813.D (-3298) (-)

Ion 125.90 (125.60 to 126.60): VN051813.D (-3298) (-)

1500000

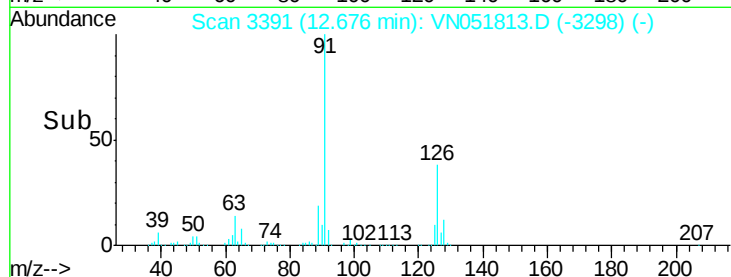
1000000

500000

0

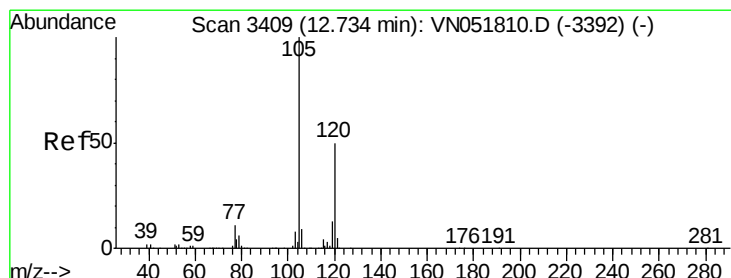
12.68

Time-->



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10/15/2018 3:00:15 PM



#80

1,3,5-Trimethylbenzene

Concen: 47.43 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN051813.D

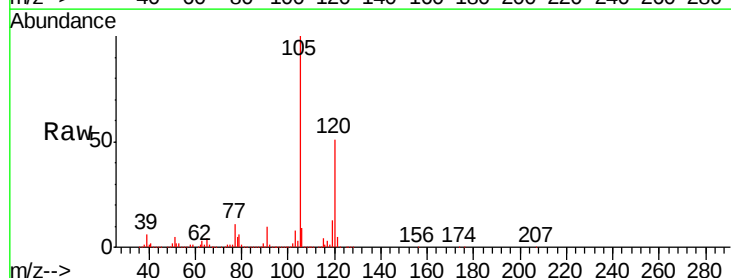
Acq: 11 Oct 2018 13:23

Tgt Ion: 105 Resp: 2005406

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051813.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN051813.D (-3316) (-)

1500000

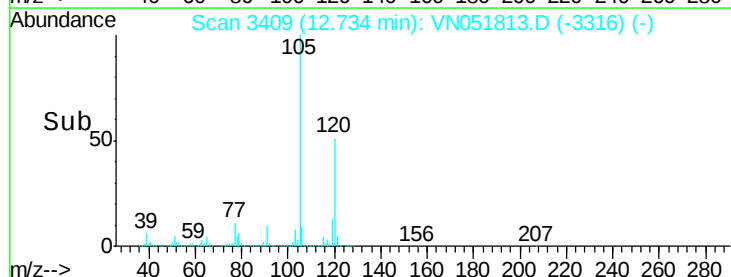
1000000

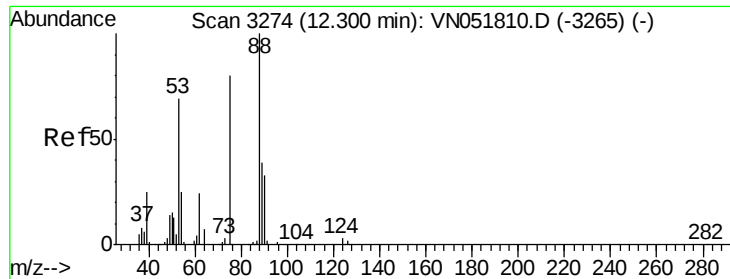
500000

0

12.73

Time-->





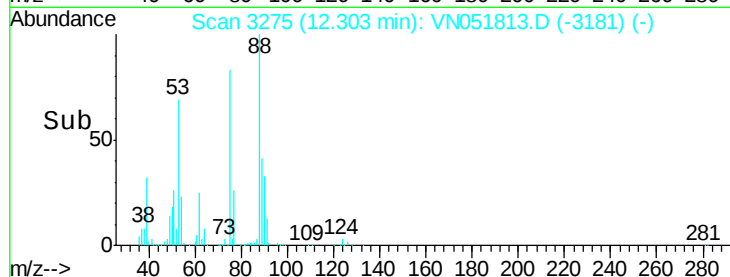
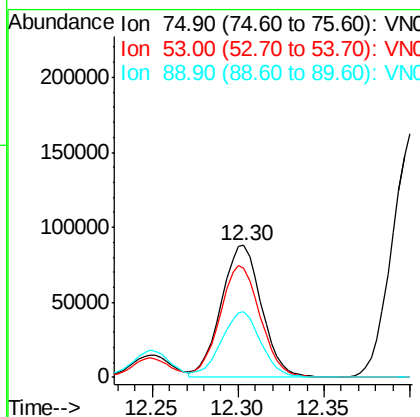
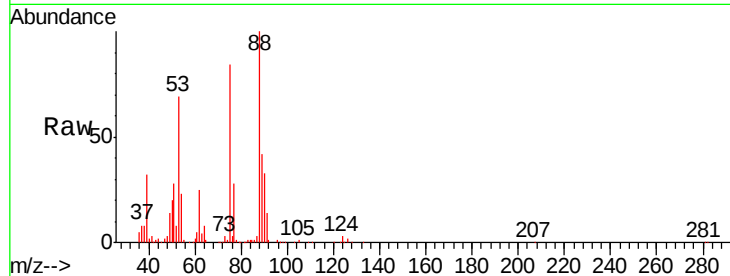
#81
trans-1,4-Dichloro-2-butene
Concen: 49.52 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.4	68.9	103.3
89	48.8	36.1	54.1

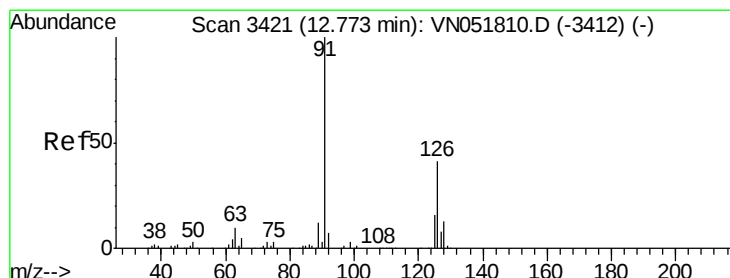
Manual Integrations
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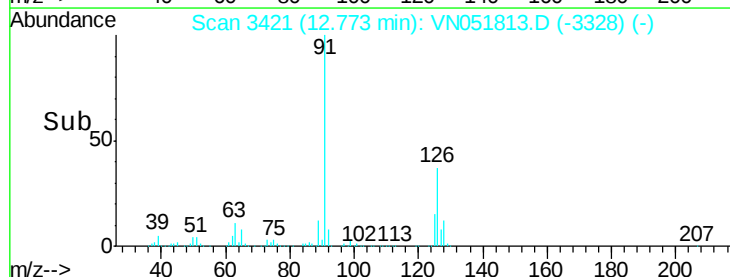
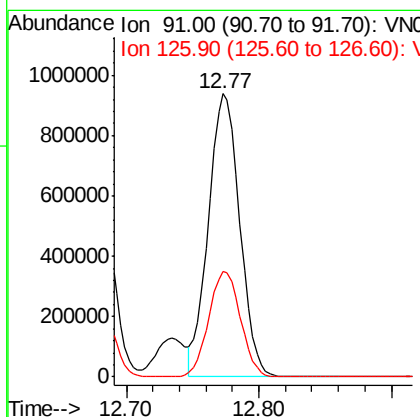
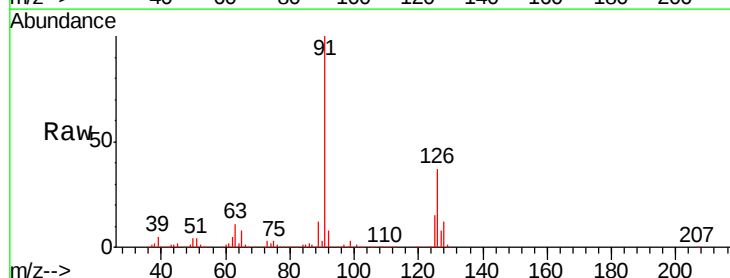
MMDadoda

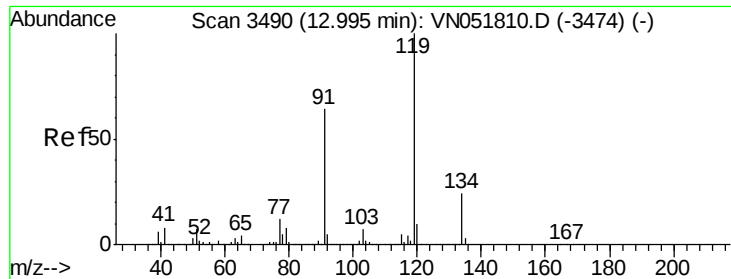
10/15/2018 3:00:15 PM



#82
4-Chlorotoluene
Concen: 48.81 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.8	17.5	52.5





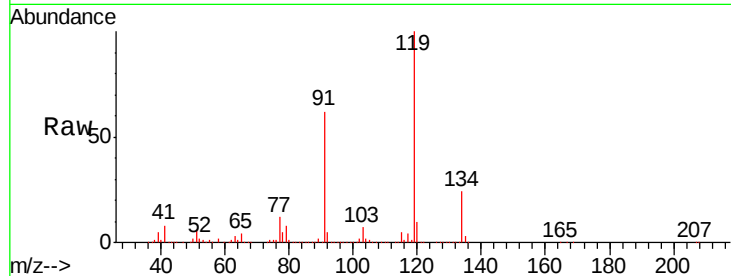
#83
 tert-Butylbenzene
 Concen: 46.86 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN101118

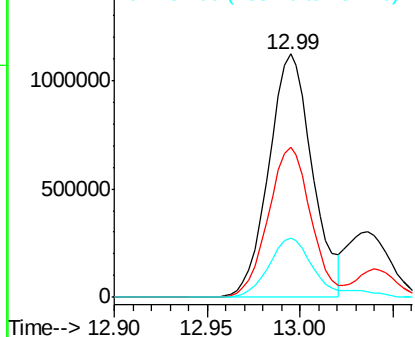
Tgt Ion:119 Resp: 1837344
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.6 94.7
 134 26.3 13.4 40.1

Manual Integrations
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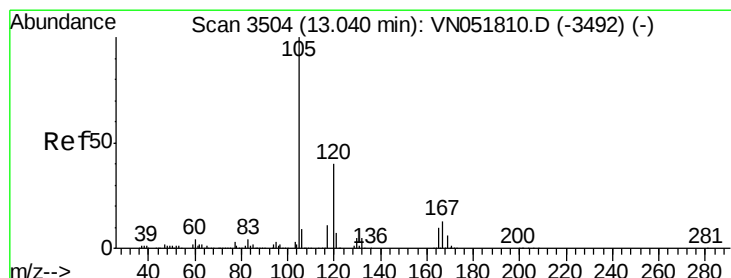
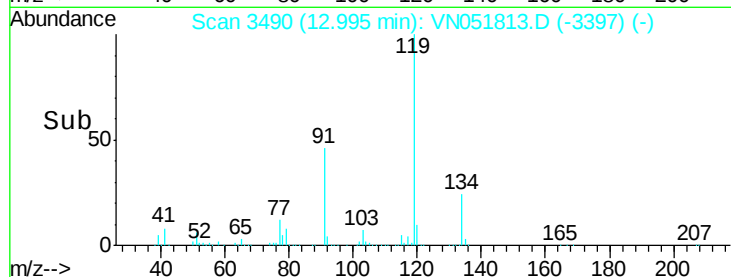


Abundance Ion 119.00 (118.70 to 119.70): V
 1500000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V



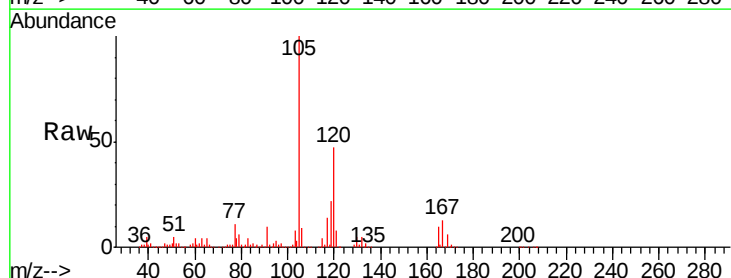
MMDadoda

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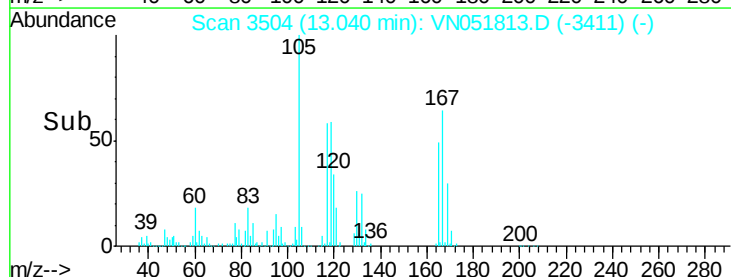
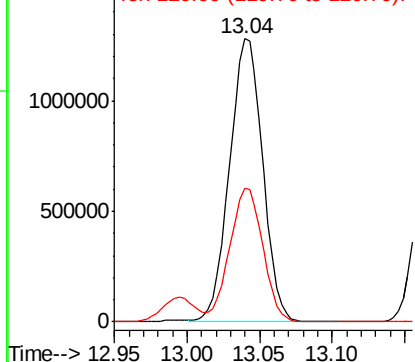


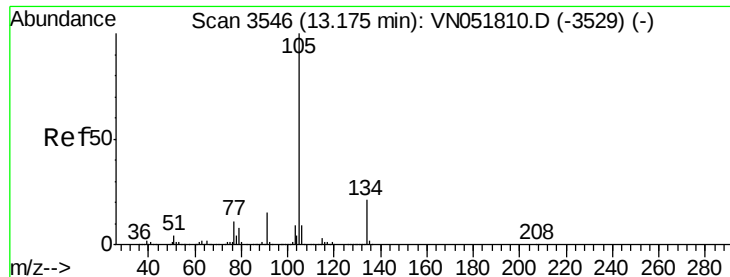
#84
 1,2,4-Trimethylbenzene
 Concen: 48.20 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051813.D
 Acq: 11 Oct 2018 13:23

Tgt Ion:105 Resp: 2028809
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 1500000 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.84 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

ICV01118

Tgt Ion:105 Resp: 2430053

Ion Ratio Lower Upper

105 100

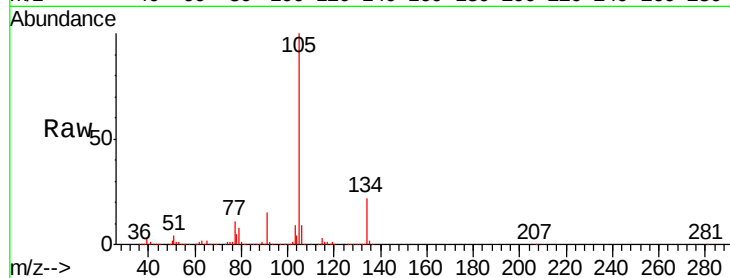
134 21.5 10.3 30.8

Manual Integrations

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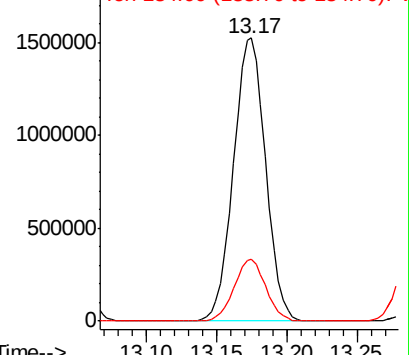
MMDadoda

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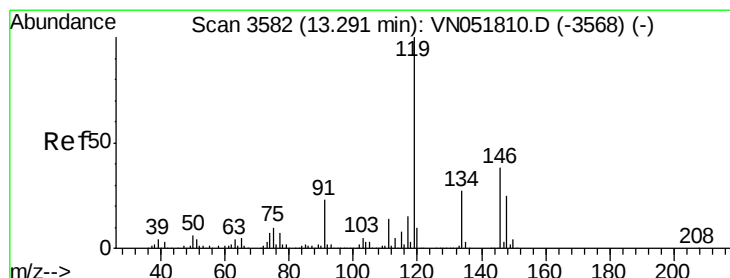
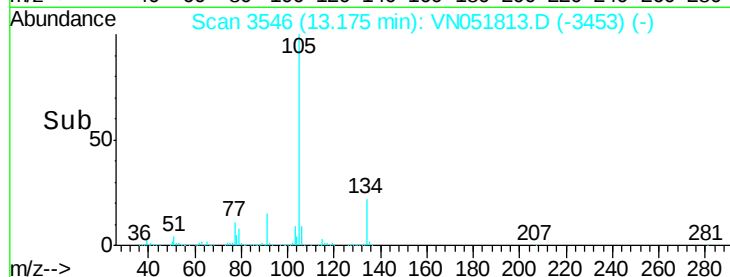
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



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#86

p-Isopropyltoluene

Concen: 49.46 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN051813.D

Acq: 11 Oct 2018 13:23

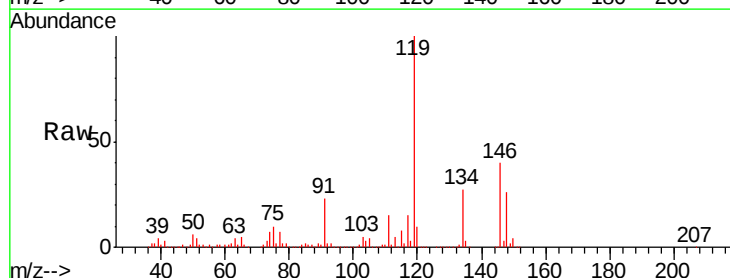
Tgt Ion:119 Resp: 2209743

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

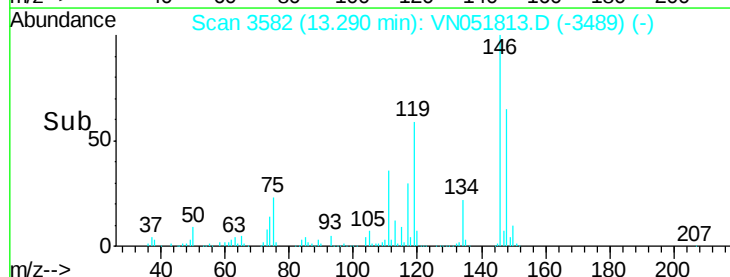
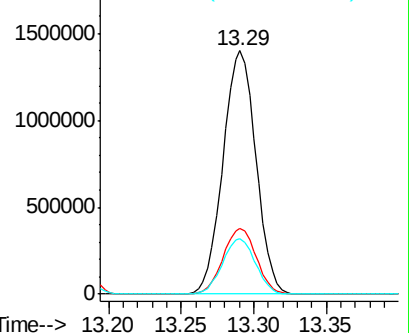
91 22.6 11.2 33.5

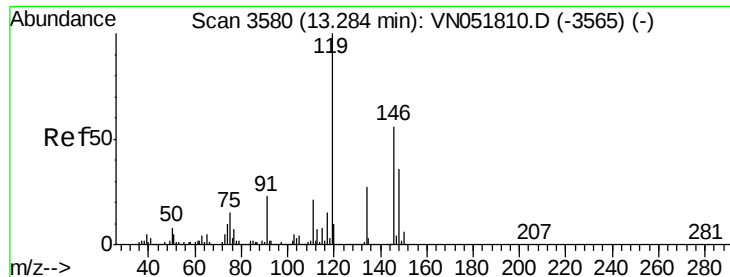


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





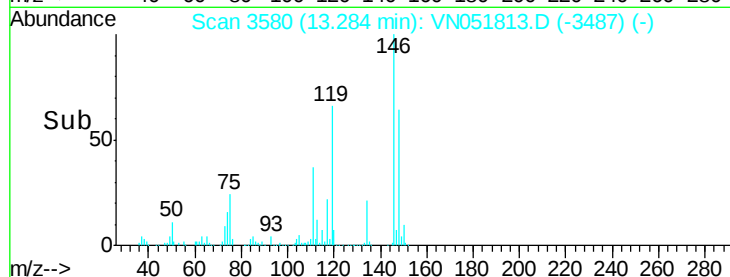
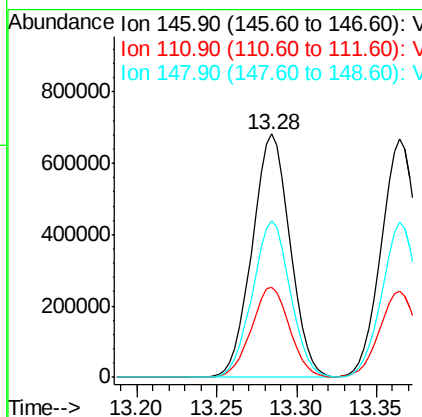
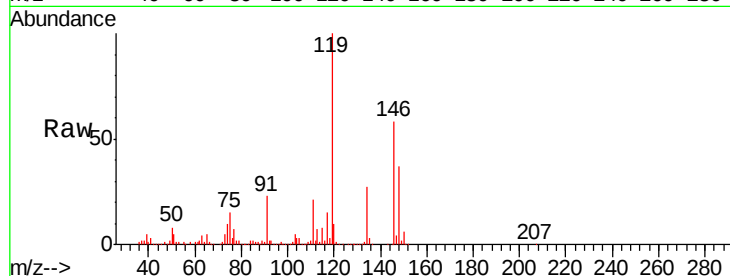
#87
1,3-Dichlorobenzene
Concen: 50.39 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.3
148	64.2	32.2	96.6

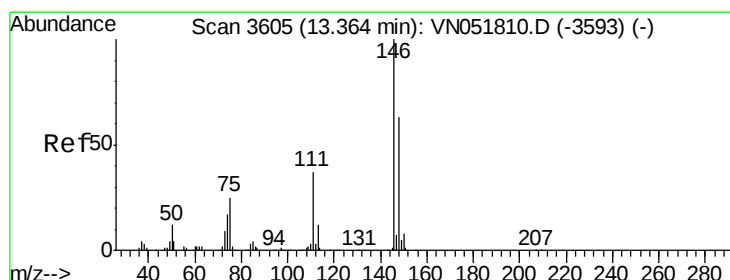
Manual Integrations
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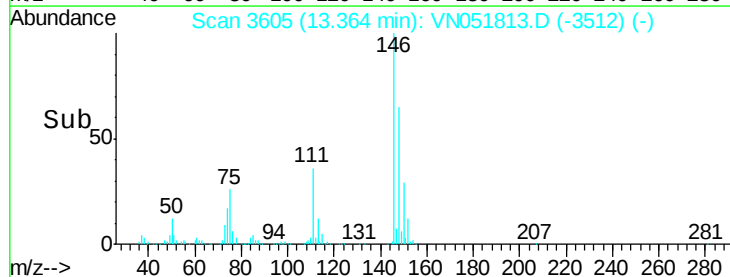
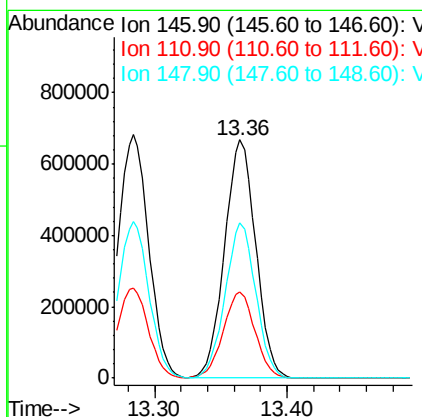
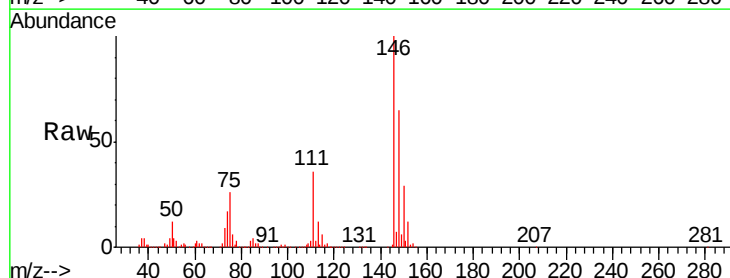
MMDadoda

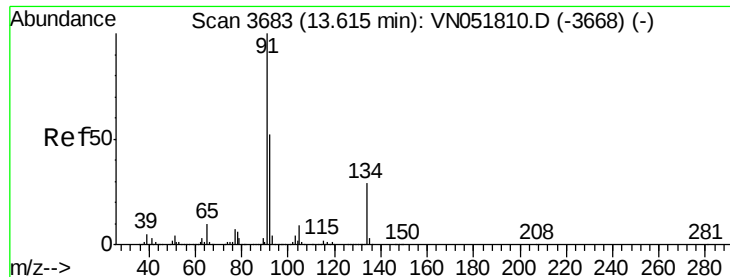
10/15/2018 3:00:15 PM



#88
1,4-Dichlorobenzene
Concen: 50.73 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	64.0	32.2	96.6





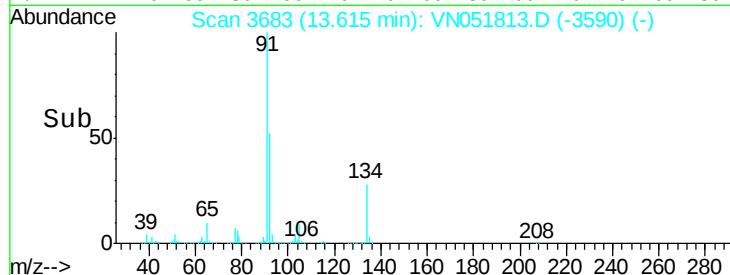
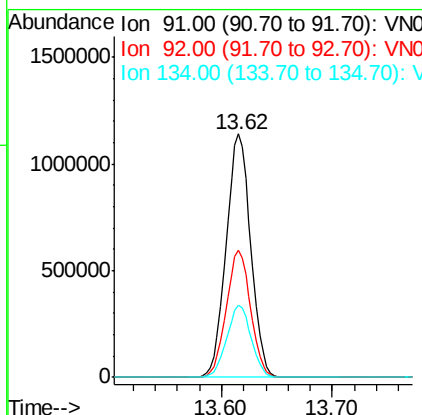
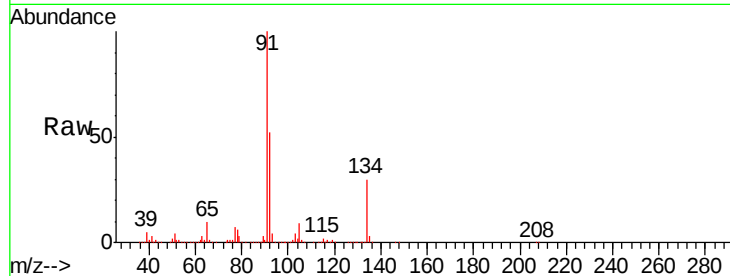
#89
n-Butylbenzene
Concen: 52.83 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 91 Resp: 1754724
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 29.4 13.2 39.6

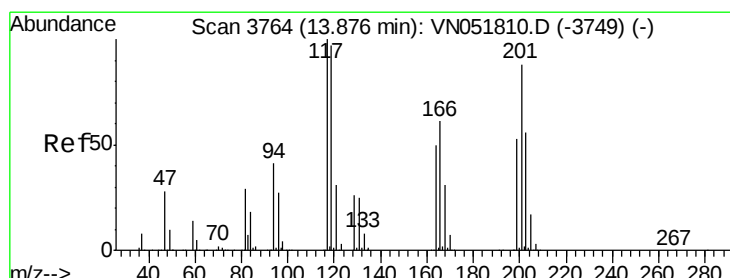
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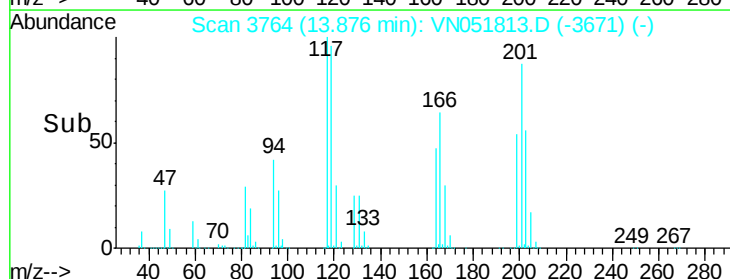
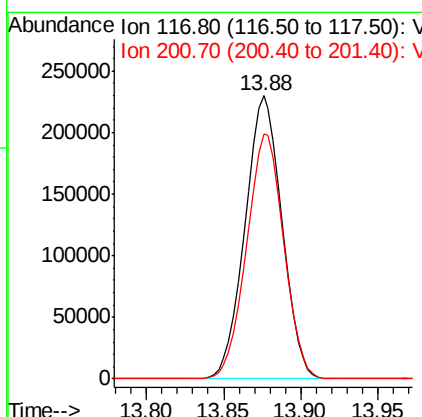
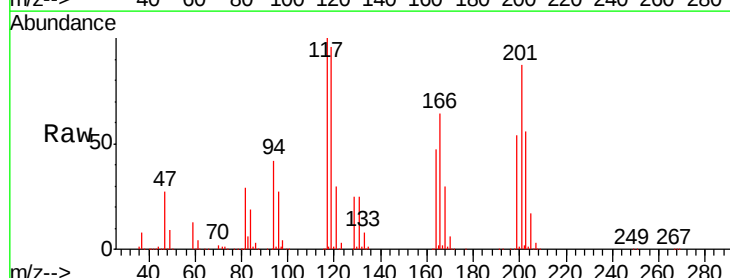
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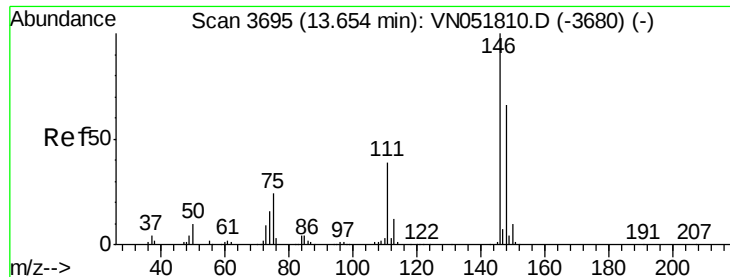
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#90
Hexachloroethane
Concen: 47.08 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 117 Resp: 381694
Ion Ratio Lower Upper
117 100
201 87.3 46.0 137.8





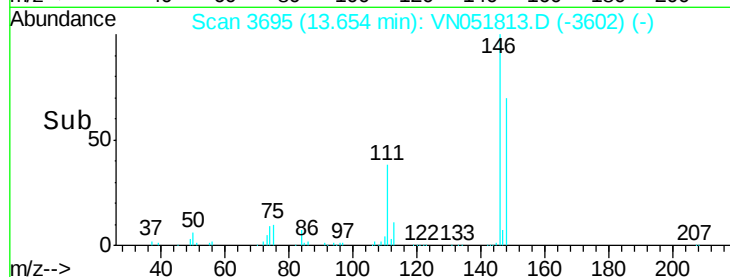
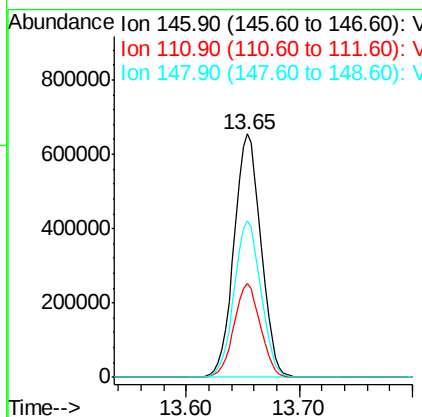
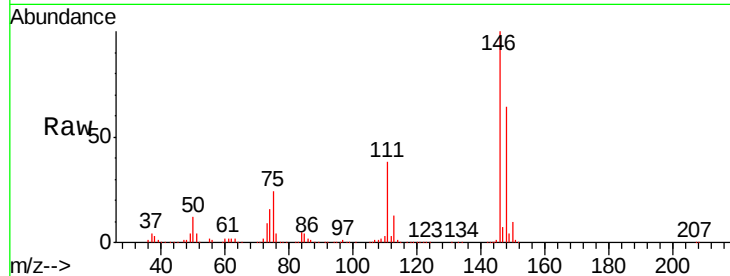
#91
1,2-Dichlorobenzene
Concen: 50.70 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

Tgt Ion: 146 Resp: 1084010
Ion Ratio Lower Upper
146 100
111 38.0 19.8 59.3
148 64.0 32.3 96.8

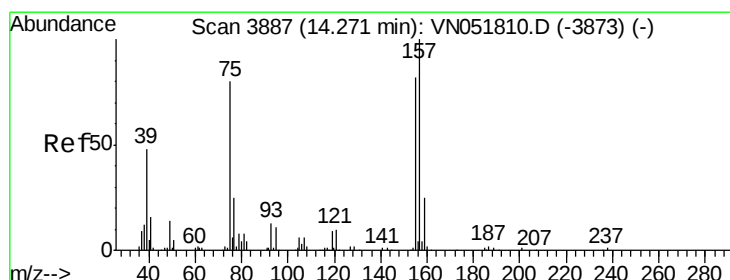
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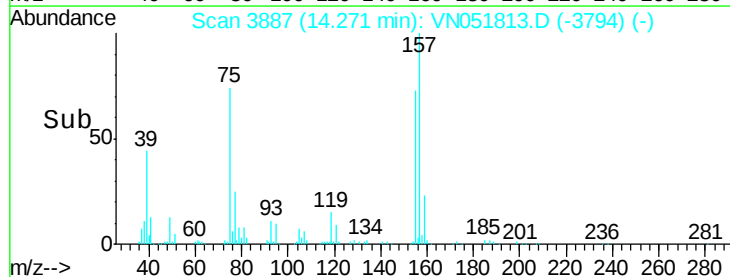
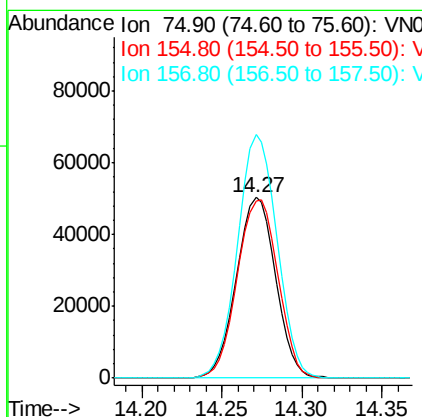
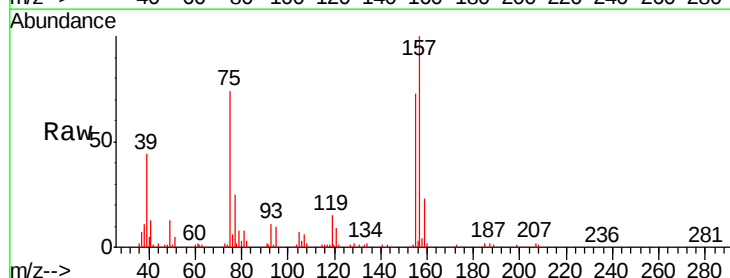
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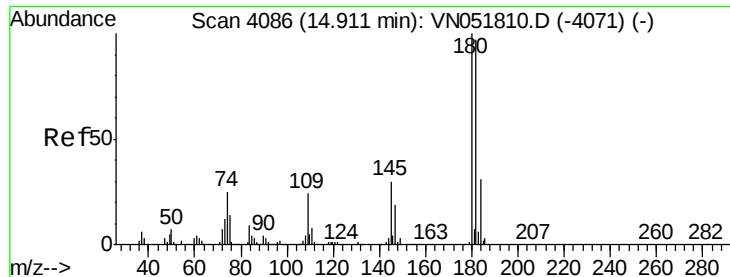
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#92
1,2-Dibromo-3-Chloropropane
Concen: 50.07 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion: 75 Resp: 84005
Ion Ratio Lower Upper
75 100
155 102.6 46.4 139.1
157 135.7 60.7 182.0





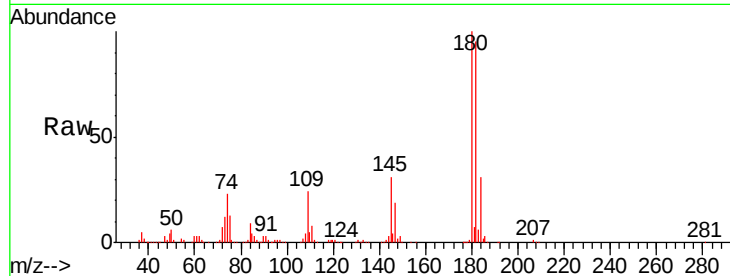
#93
1,2,4-Trichlorobenzene
Concen: 49.69 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN101118

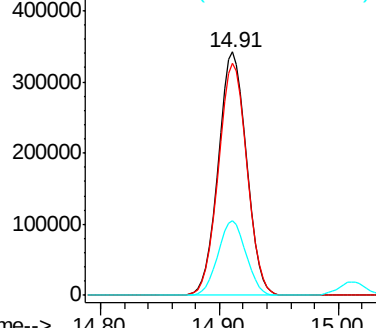
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	560992		
182	96.2	48.2	144.6	
145	30.5	14.1	42.2	

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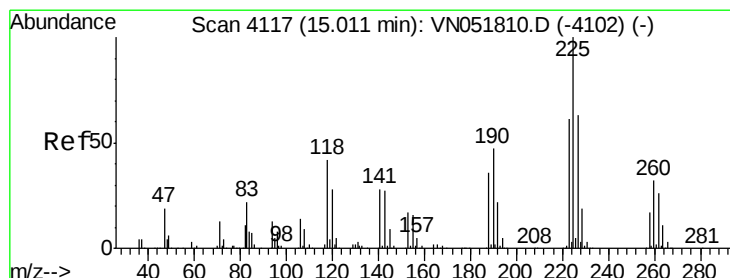
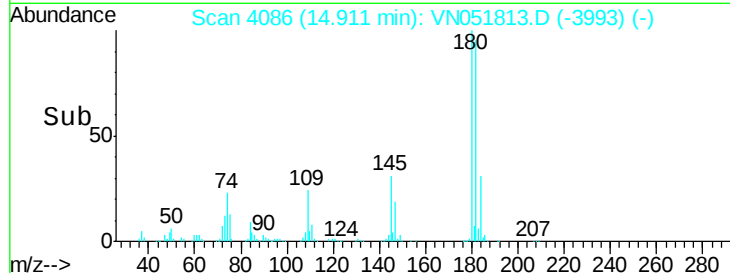


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



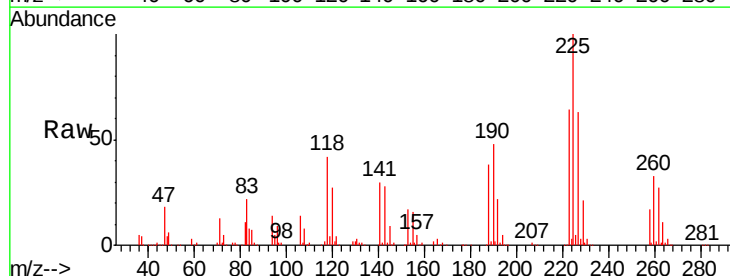
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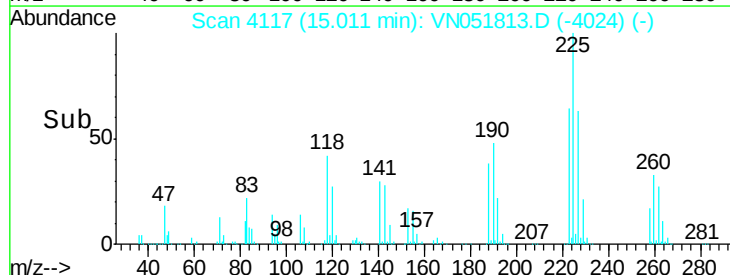
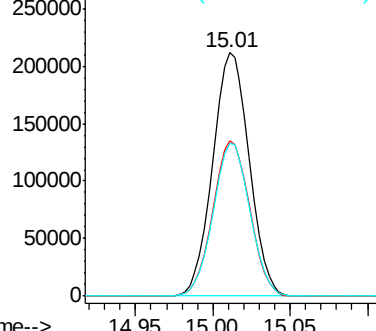


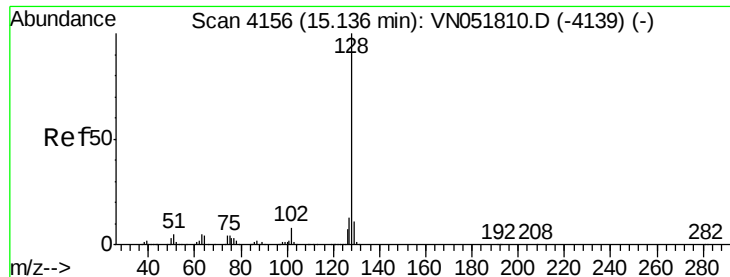
#94
Hexachlorobutadiene
Concen: 50.45 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	348690		
223	64.0	31.3	93.8	
227	62.9	32.0	96.2	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





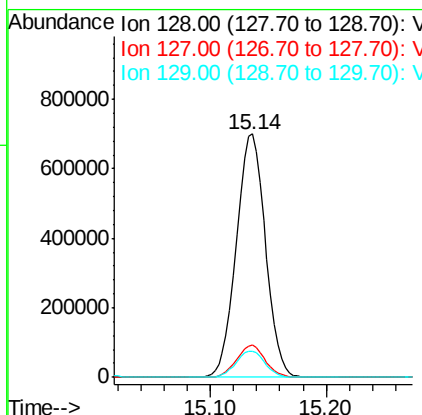
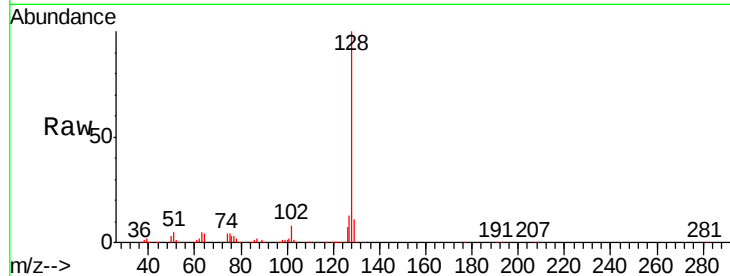
#95
Naphthalene
Concen: 48.97 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :
ICVFN101118

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1

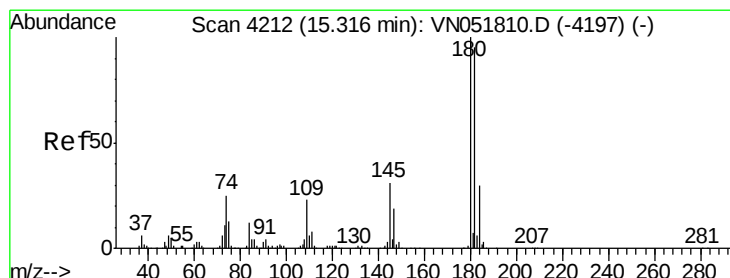
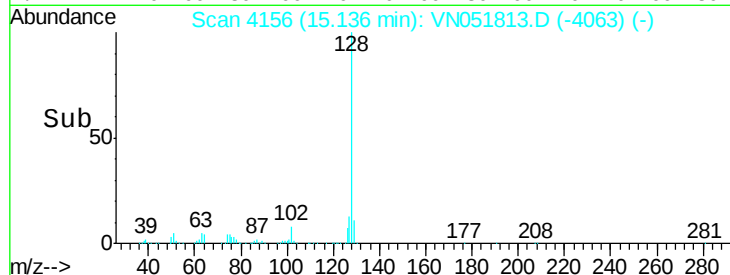
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#96
1,2,3-Trichlorobenzene
Concen: 50.14 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051813.D
Acq: 11 Oct 2018 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.2
145	30.9	15.2	45.6

