

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
 Data File : VN051901.D
 Acq On : 17 Oct 2018 10:10
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 3:29:19 PM

Quant Time: Oct 19 04:53:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	919527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1355864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1241154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	639507	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427360	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.59	113	430187	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.09	98	1570504	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	541896	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	267178	48.02	ug/l	100
3) Chloromethane	2.06	50	264321	48.62	ug/l	100
4) Vinyl Chloride	2.18	62	407079	49.58	ug/l	100
5) Bromomethane	2.56	94	345714	44.21	ug/l	100
6) Chloroethane	2.70	64	301802	50.65	ug/l	100
7) Trichlorofluoromethane	3.01	101	611558	48.33	ug/l	100
8) Diethyl Ether	3.41	74	192547	51.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	368100	50.70	ug/l	100
10) Methyl Iodide	3.95	142	463691	52.33	ug/l	100
11) Tert butyl alcohol	4.79	59	128173	284.74	ug/l	100
12) 1,1-Dichloroethene	3.74	96	335782	50.74	ug/l	100
13) Acrolein	3.61	56	90249	241.64	ug/l	100
14) Allyl chloride	4.33	41	381239	54.89	ug/l	100
15) Acrylonitrile	4.99	53	496341	275.18	ug/l	100
16) Acetone	3.82	43	370487	245.44	ug/l	100
17) Carbon Disulfide	4.05	76	804104	48.74	ug/l	100
18) Methyl Acetate	4.33	43	241683	48.03	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	989563	51.89	ug/l	100
20) Methylene Chloride	4.55	84	375472	48.93	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	384640	50.58	ug/l	100
22) Diisopropyl ether	5.96	45	864456	51.75	ug/l	100
23) Vinyl Acetate	5.90	43	3078044	267.65	ug/l	100
24) 1,1-Dichloroethane	5.85	63	620901	51.33	ug/l	100
25) 2-Butanone	6.84	43	567305	262.97	ug/l	100
26) 2,2-Dichloropropane	6.82	77	600757	52.51	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	453840	51.35	ug/l	100
28) Bromochloromethane	7.20	49	254884	51.89	ug/l	100
29) Tetrahydrofuran	7.21	42	344289	261.29	ug/l	100
30) Chloroform	7.37	83	748399	51.71	ug/l	100
31) Cyclohexane	7.65	56	508868	38.69	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	699508	51.82	ug/l	100
36) 1,1-Dichloropropene	7.79	75	524360	49.83	ug/l	100
37) Ethyl Acetate	6.93	43	250647	54.26	ug/l	100
38) Carbon Tetrachloride	7.77	117	625468	50.47	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	667304	51.21	ug/l	100
40) Benzene	8.04	78	1566802	50.97	ug/l	100
41) Methacrylonitrile	7.17	41	104657	43.81	ug/l	100
42) 1,2-Dichloroethane	8.13	62	506444	51.42	ug/l	100
43) Isopropyl Acetate	8.17	43	498532	53.38	ug/l	100
44) Trichloroethene	8.84	130	490705	50.86	ug/l	100
45) 1,2-Dichloropropane	9.12	63	367055	51.63	ug/l	100
46) Dibromomethane	9.21	93	282349	52.11	ug/l	100
47) Bromodichloromethane	9.40	83	569109	52.40	ug/l	100
48) Methyl methacrylate	9.20	41	228764	53.85	ug/l	100
49) 1,4-Dioxane	9.20	88	86261	1069.06	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1321490	269.75	ug/l	100
52) Toluene	10.16	92	1087663	52.89	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	557418	54.16	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	610577	53.21	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	397489	52.75	ug/l	100
56) Ethyl methacrylate	10.43	69	458290	54.40	ug/l	100
57) 1,3-Dichloropropane	10.71	76	606206	52.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	966426	270.77	ug/l	100
59) 2-Hexanone	10.75	43	886027	269.73	ug/l	100
60) Dibromochloromethane	10.90	129	487757	55.15	ug/l	100
61) 1,2-Dibromoethane	11.01	107	424382	53.69	ug/l	100
64) Tetrachloroethene	10.63	164	496228	49.81	ug/l	100
65) Chlorobenzene	11.43	112	1252786	50.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	490518	53.11	ug/l	100
67) Ethyl Benzene	11.51	91	2100144	51.66	ug/l	100
68) m/p-Xylenes	11.62	106	1731419	106.08	ug/l	100
69) o-Xylene	11.95	106	846012	53.19	ug/l	100
70) Styrene	11.96	104	1324587	54.13	ug/l	100
71) Bromoform	12.13	173	323646	56.26	ug/l	100
73) Isopropylbenzene	12.25	105	2262796	45.71	ug/l	100
74) N-amyl acetate	12.07	43	423035	49.70	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	468405	46.82	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	371349m	45.92	ug/l	
77) Bromobenzene	12.53	156	589971	46.83	ug/l	100
78) n-propylbenzene	12.59	91	2445419	47.45	ug/l	100
79) 2-Chlorotoluene	12.67	91	1417520	45.20	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1891262	47.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	119750	55.75	ug/l	100
82) 4-Chlorotoluene	12.77	91	1433852	47.61	ug/l	100
83) tert-Butylbenzene	12.99	119	1722150	45.80	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1910324	48.55	ug/l	100
85) sec-Butylbenzene	13.17	105	2298048	48.07	ug/l	100
86) p-Isopropyltoluene	13.29	119	2080687	50.22	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1055584	49.72	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1020708	48.91	ug/l	100
89) n-Butylbenzene	13.62	91	1586353	52.78	ug/l	100
90) Hexachloroethane	13.88	117	340030	49.07	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1024289	49.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69155	51.59	ug/l	100

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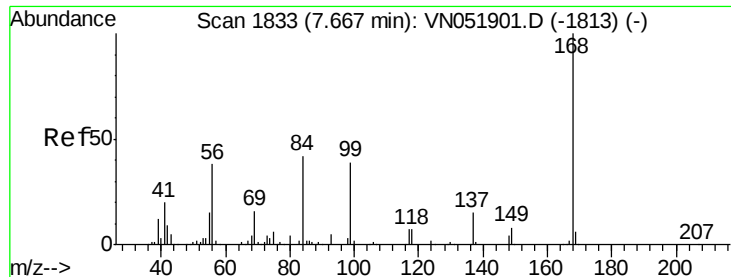
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	470857	52.86	ug/l	100
94) Hexachlorobutadiene	15.01	225	305678	46.95	ug/l	100
95) Naphthalene	15.13	128	945809	53.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	461627	52.28	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 919527

Ion Ratio Lower Upper

168 100

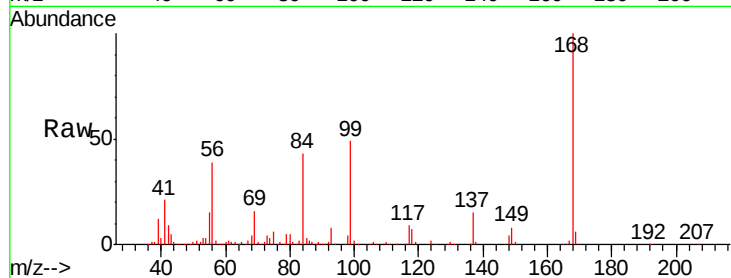
99 49.0 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

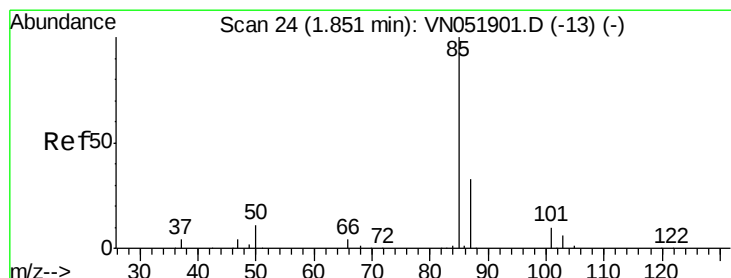
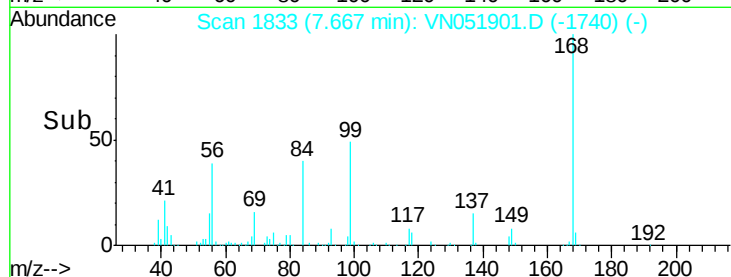
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.02 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051901.D

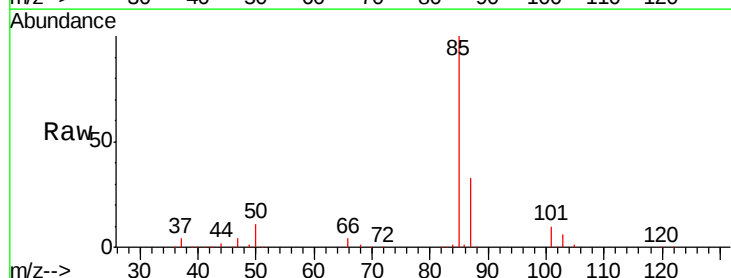
Acq: 17 Oct 2018 10:10

Tgt Ion: 85 Resp: 267178

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

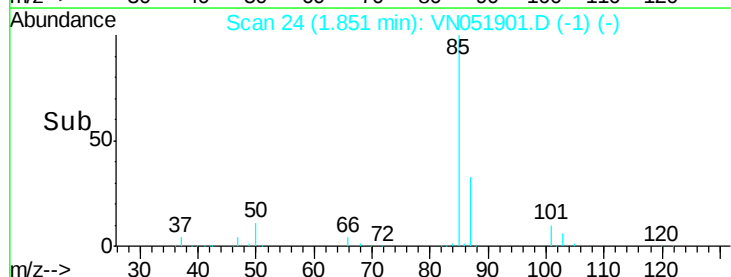
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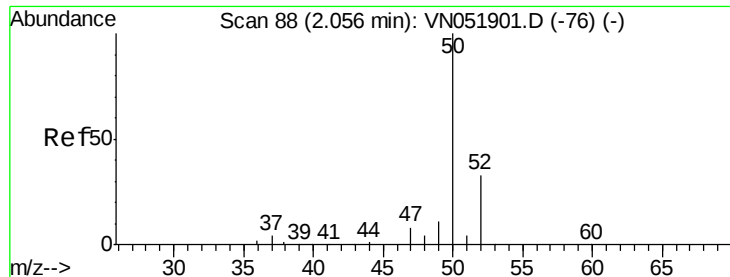
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.62 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 264321

Ion Ratio Lower Upper

50 100

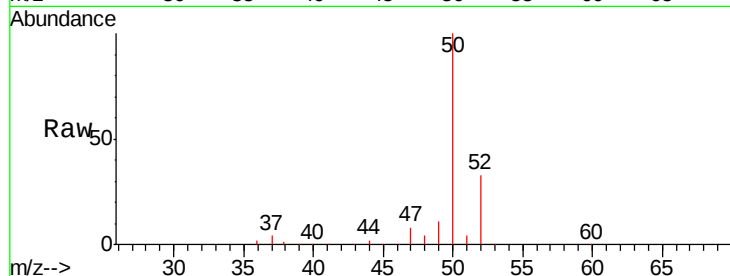
52 32.9 26.3 39.5

Manual Integrations

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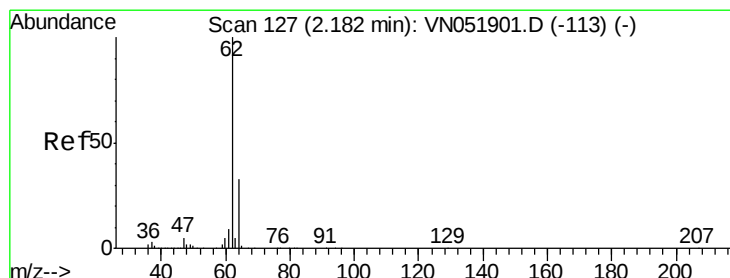
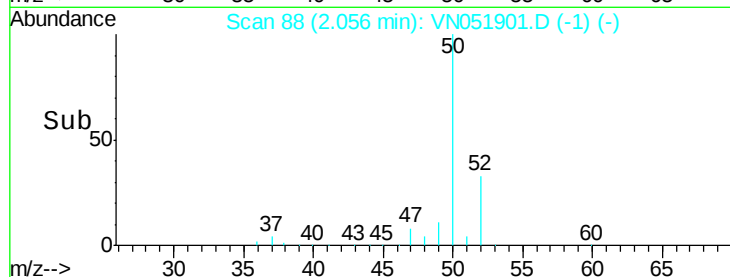
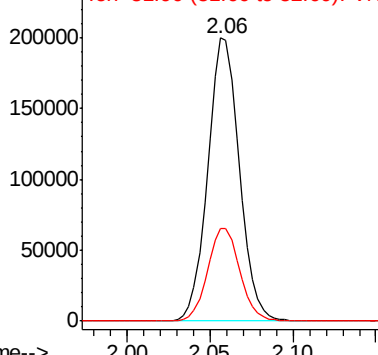
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.58 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN051901.D

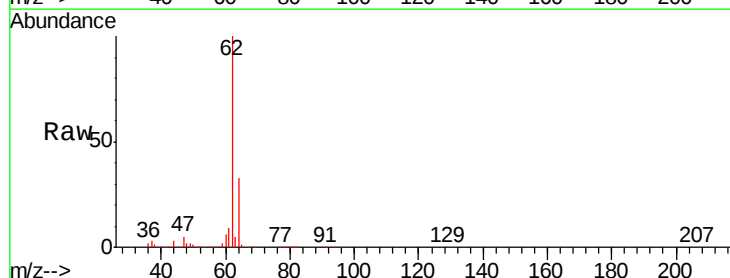
Acq: 17 Oct 2018 10:10

Tgt Ion: 62 Resp: 407079

Ion Ratio Lower Upper

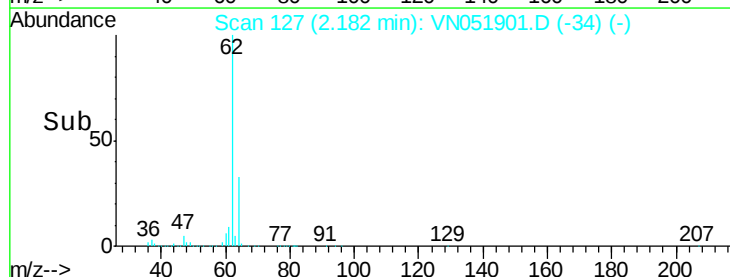
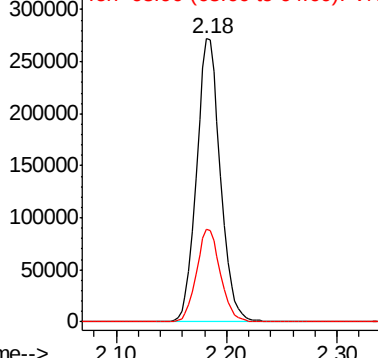
62 100

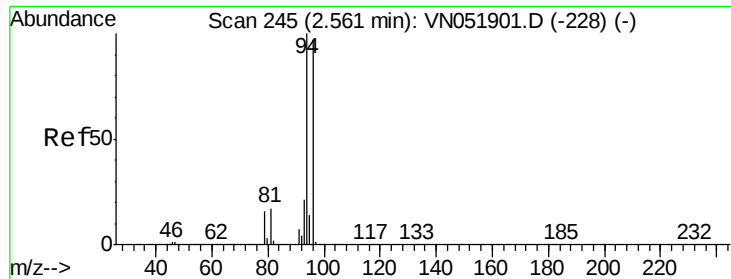
64 32.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 44.21 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

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Tgt Ion: 94 Resp: 345714

Ion Ratio Lower Upper

94 100

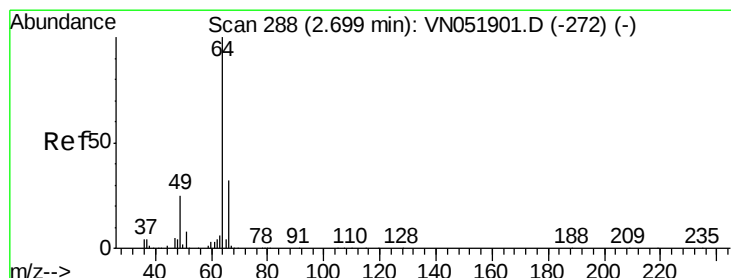
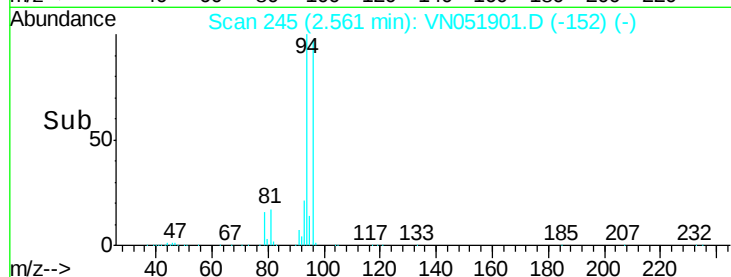
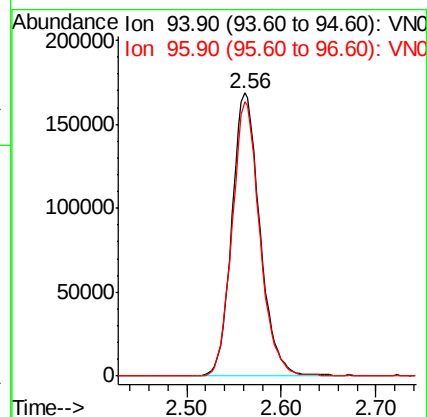
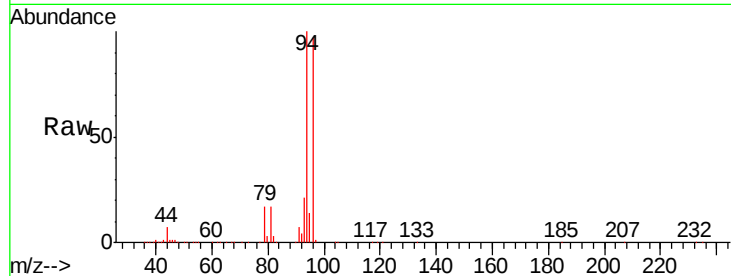
96 96.9 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 50.65 ug/l

RT: 2.70 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN051901.D

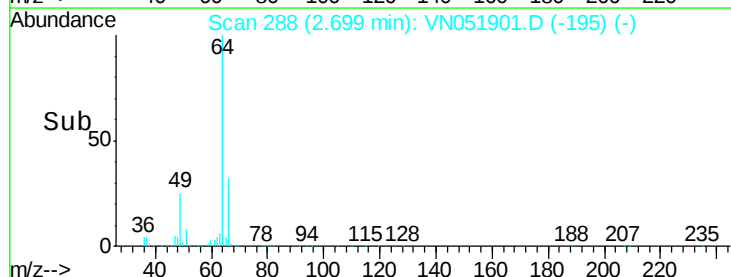
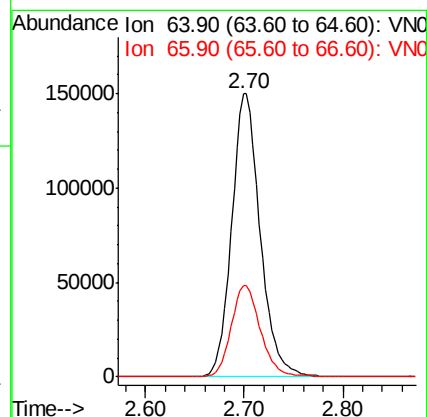
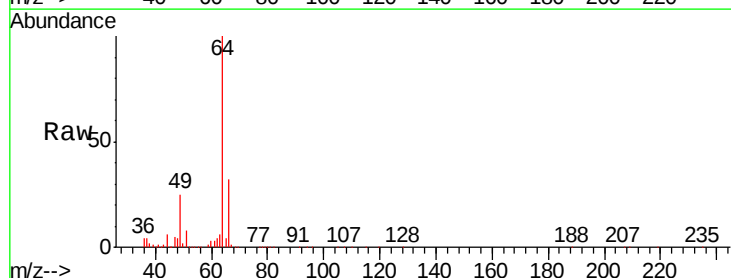
Acq: 17 Oct 2018 10:10

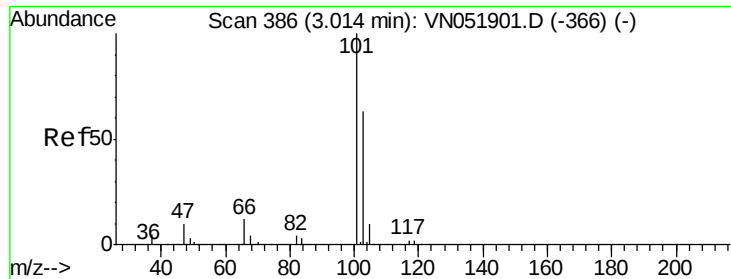
Tgt Ion: 64 Resp: 301802

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

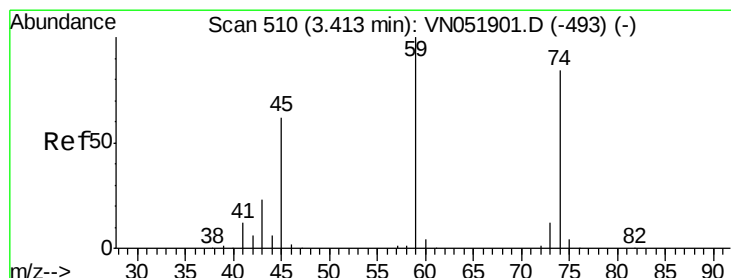
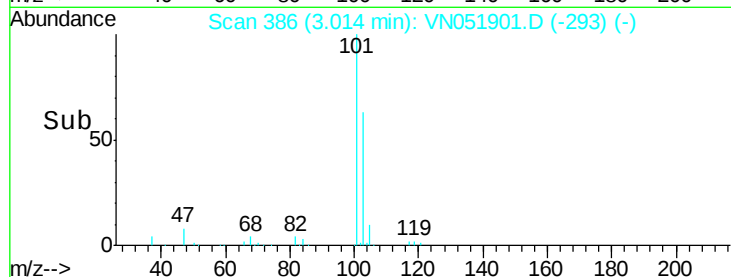
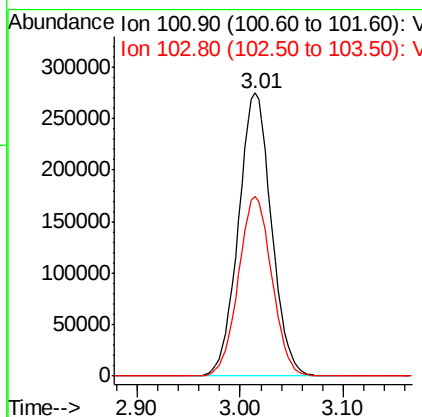
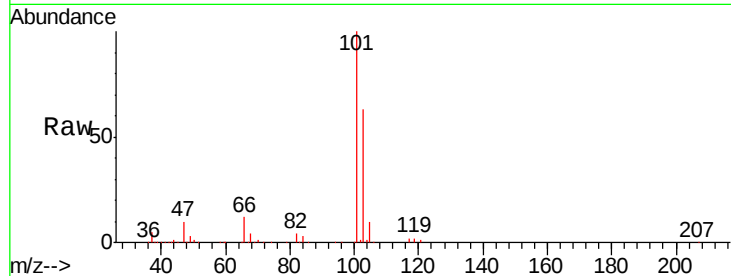
Trichlorofluoromethane
 Concen: 48.33 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

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 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.8	76.2

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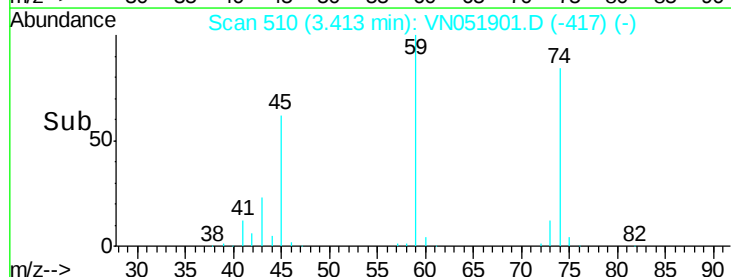
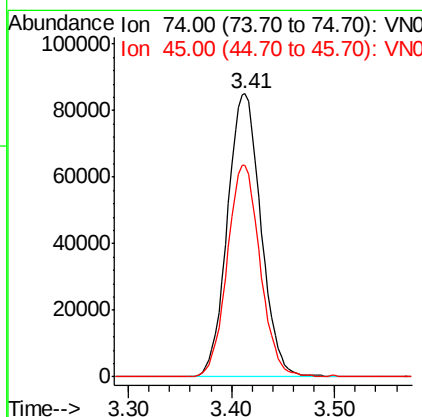
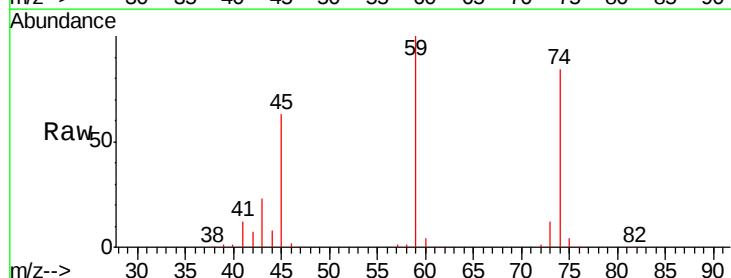
MMDadoda
 10/19/2018 3:29:19 PM

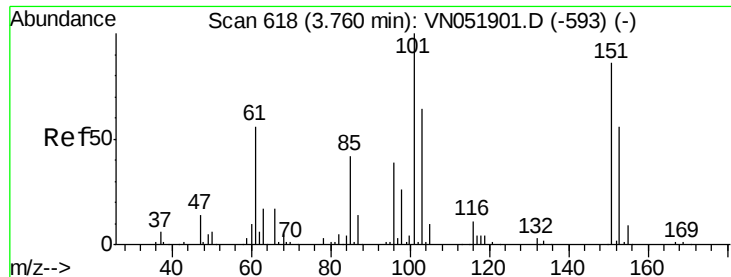


#8

Diethyl Ether
 Concen: 51.94 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.5	36.8	110.3





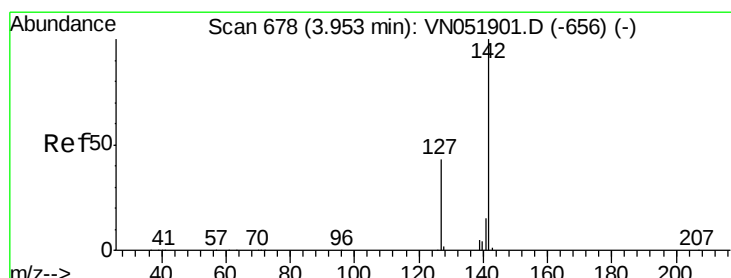
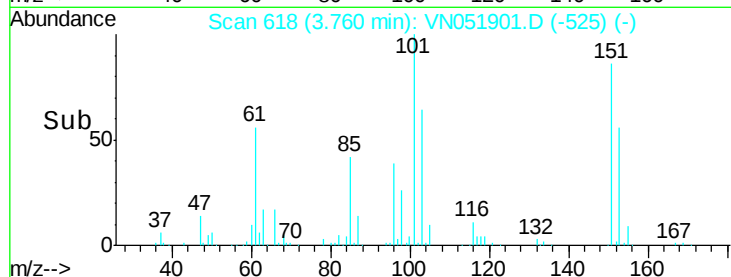
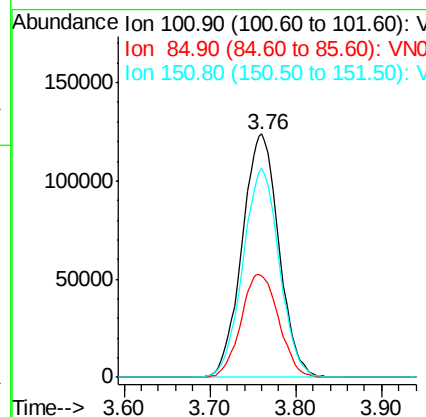
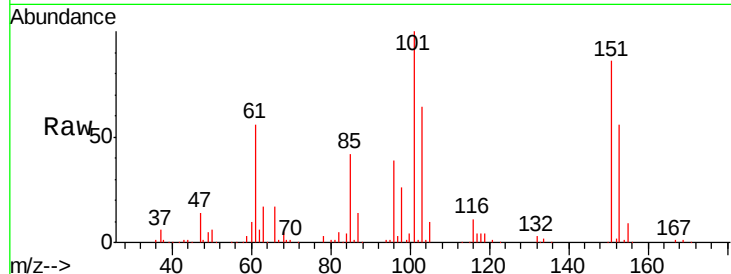
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.70 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
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 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	368100		
85	43.5	34.8	52.2	
151	85.0	68.0	102.0	

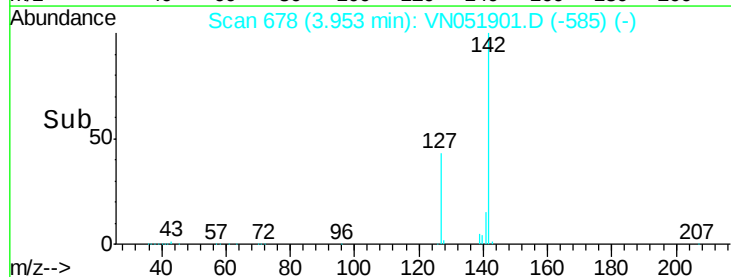
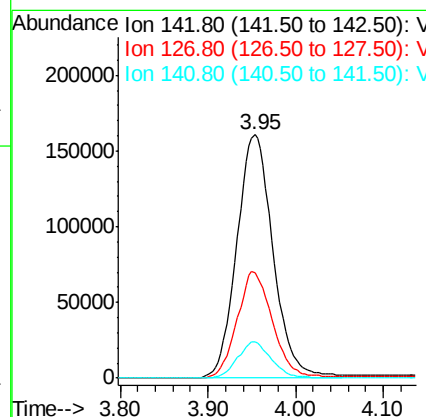
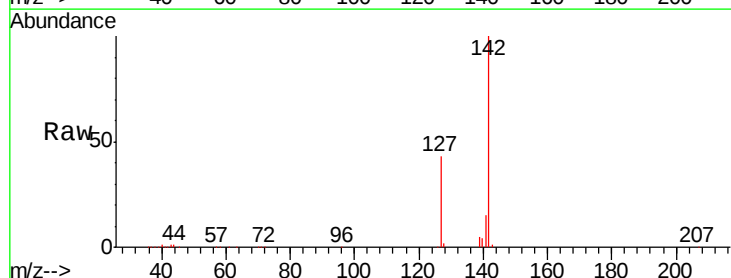
Manual Integrations
 APPROVED

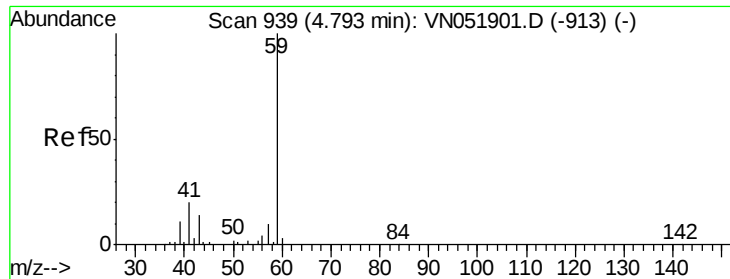
MMDadoda
 10/19/2018 3:29:19 PM



#10
 Methyl Iodide
 Concen: 52.33 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	463691		
127	42.9	34.3	51.5	
141	13.9	11.1	16.7	





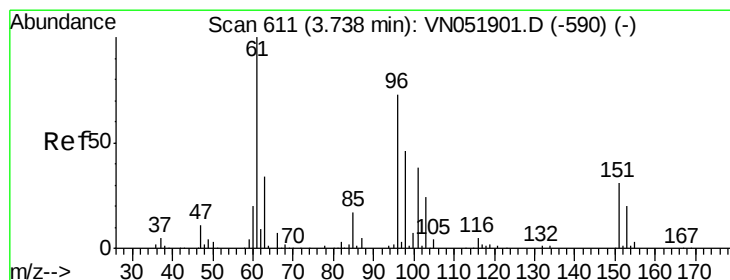
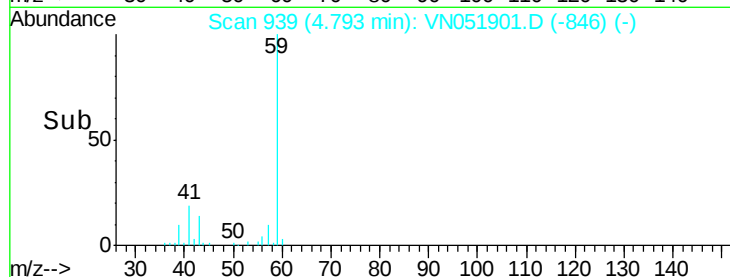
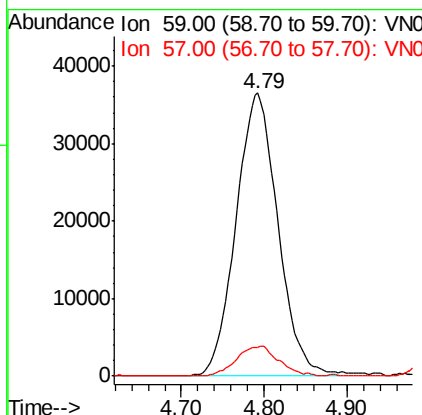
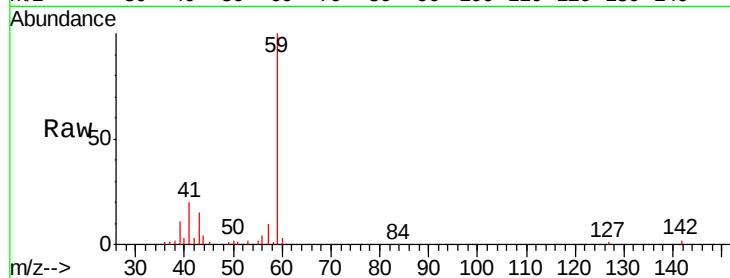
#11
Tert butyl alcohol
Concen: 284.74 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

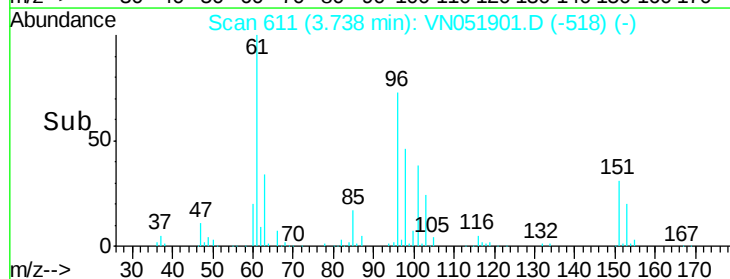
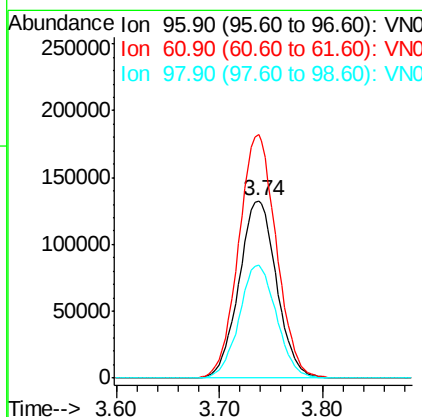
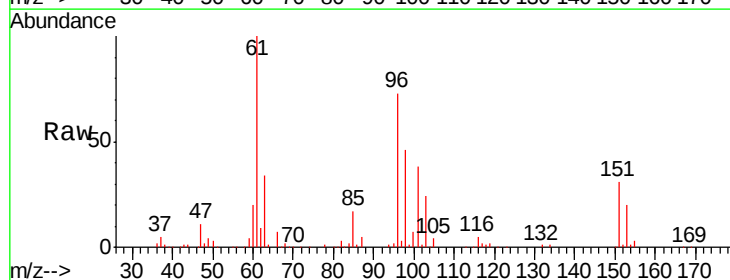
Manual Integrations
APPROVED

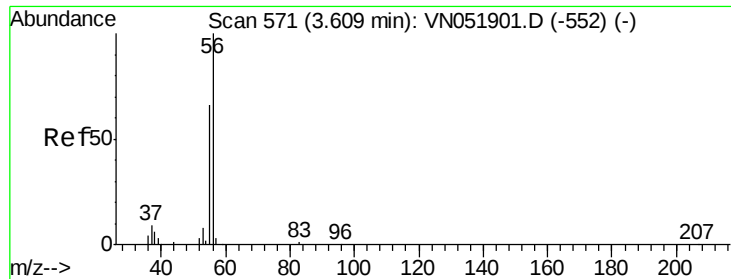
MMDadoda
10/19/2018 3:29:19 PM



#12
1,1-Dichloroethene
Concen: 50.74 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.2	109.8	164.6
98	63.6	50.9	76.3





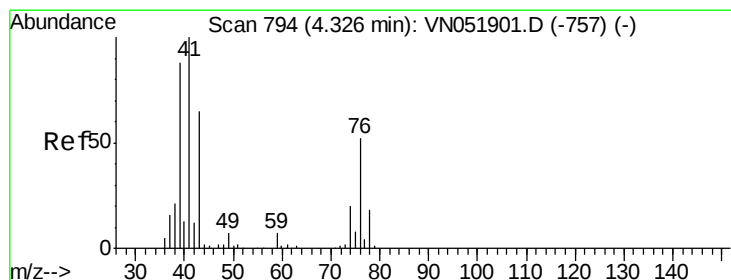
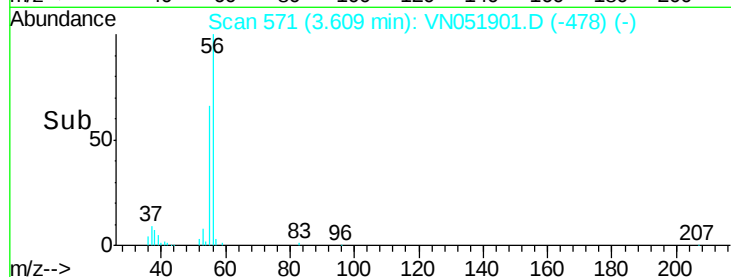
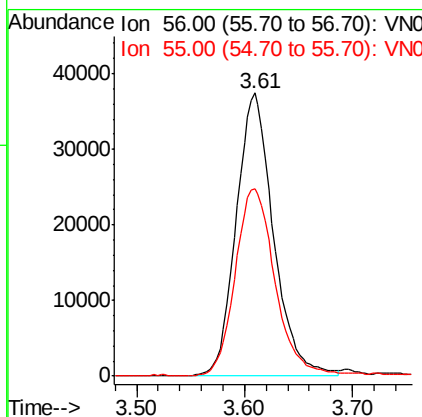
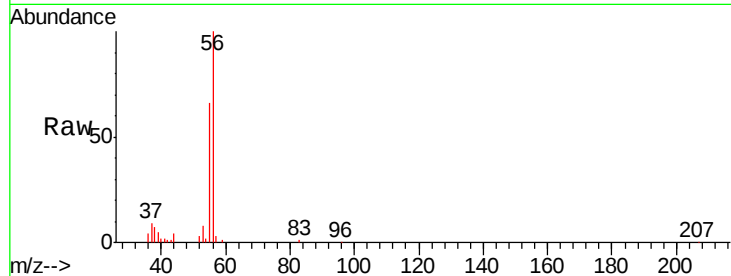
#13
 Acrolein
 Concen: 241.64 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 56 Resp: 90249
 Ion Ratio Lower Upper
 56 100
 55 70.9 56.7 85.1

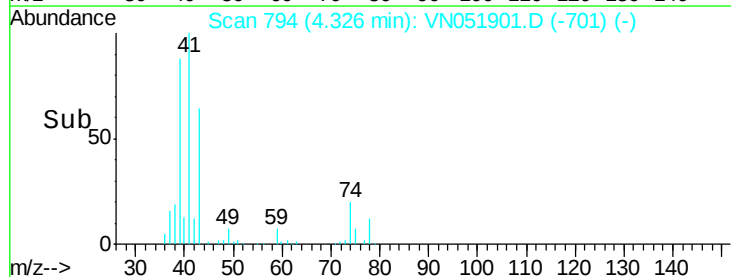
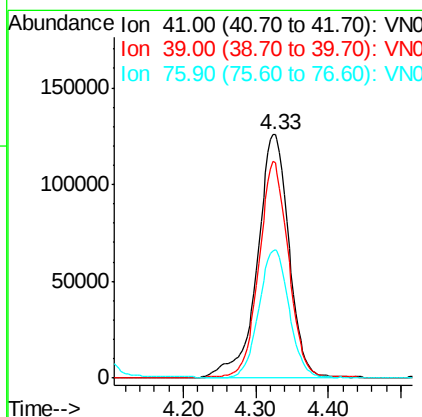
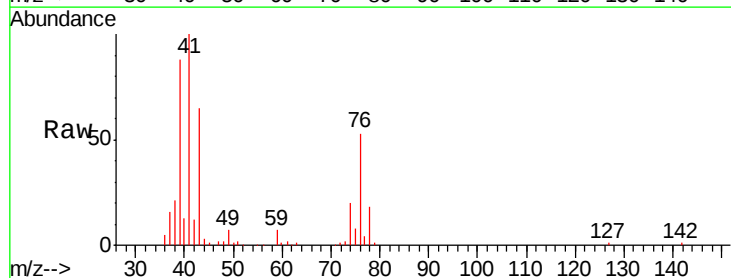
Manual Integrations
 APPROVED

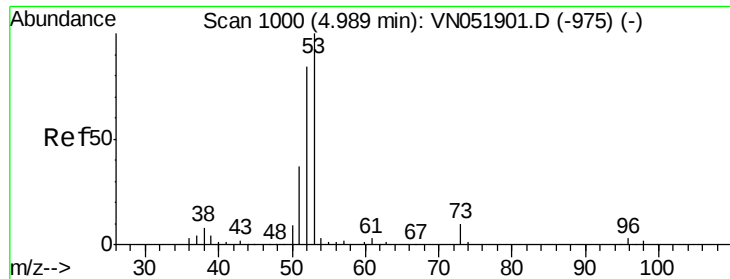
MMDadoda
 10/19/2018 3:29:19 PM



#14
 Allyl chloride
 Concen: 54.89 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 41 Resp: 381239
 Ion Ratio Lower Upper
 41 100
 39 81.7 65.4 98.0
 76 49.5 39.6 59.4





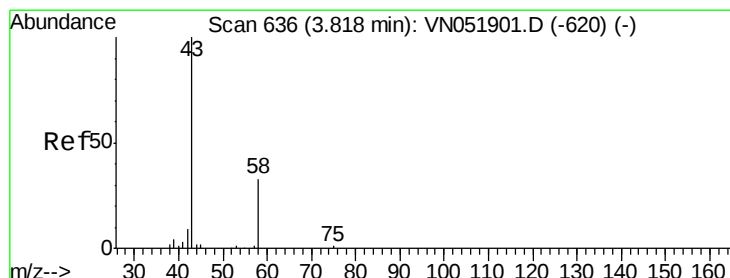
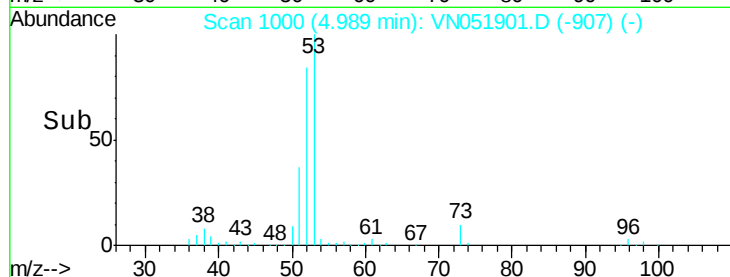
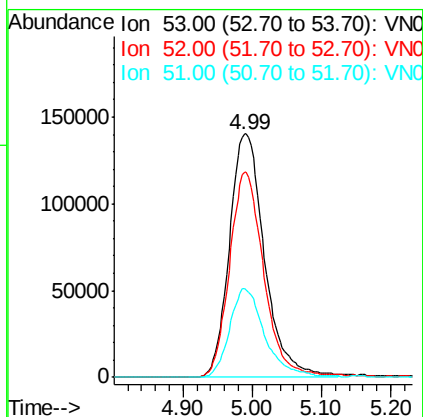
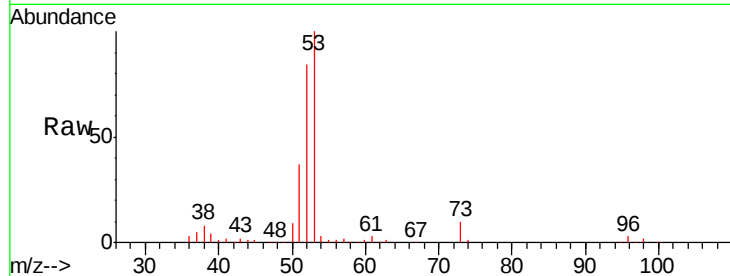
#15
 Acrylonitrile
 Concen: 275.18 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.8
51	36.8	29.4	44.2

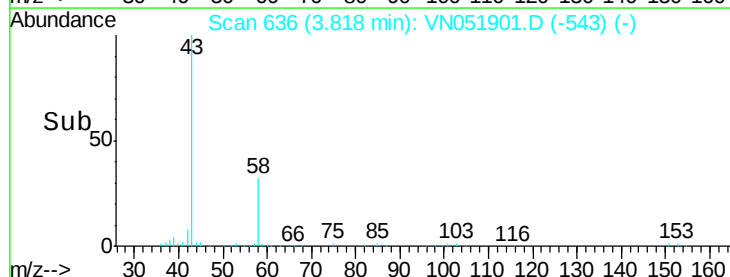
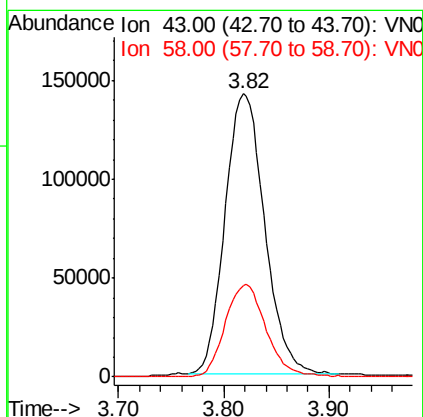
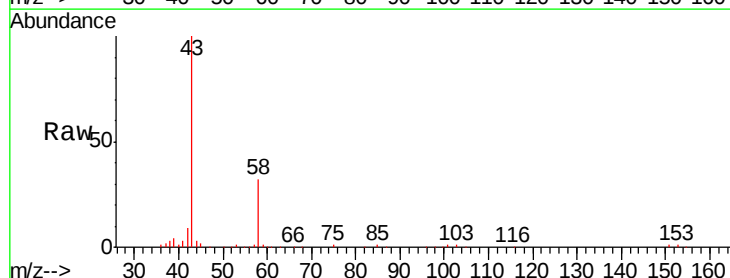
Manual Integrations
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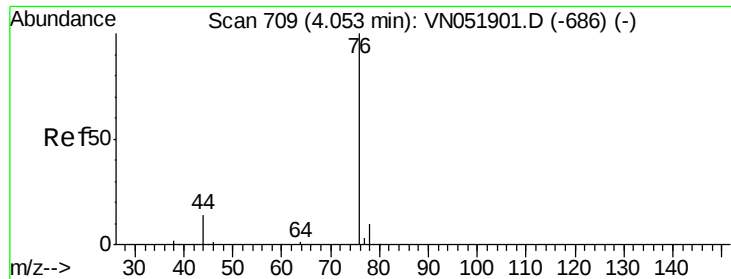
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#16
 Acetone
 Concen: 245.44 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.9	38.9





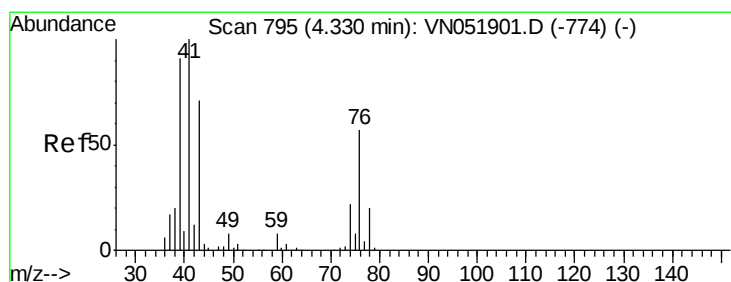
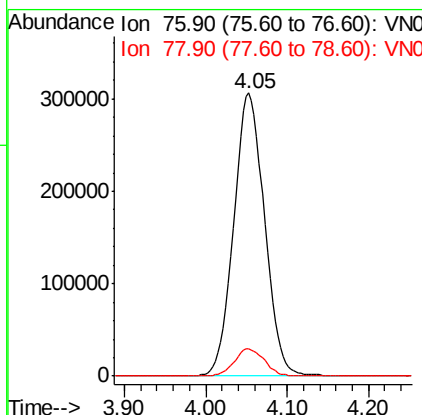
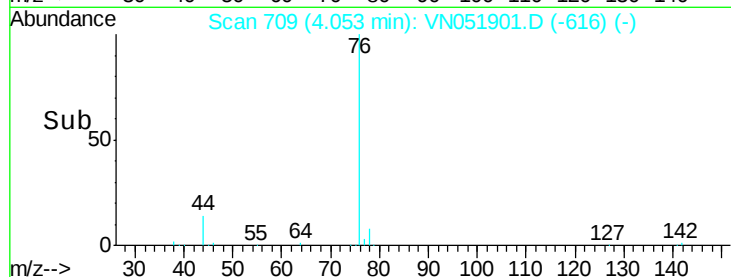
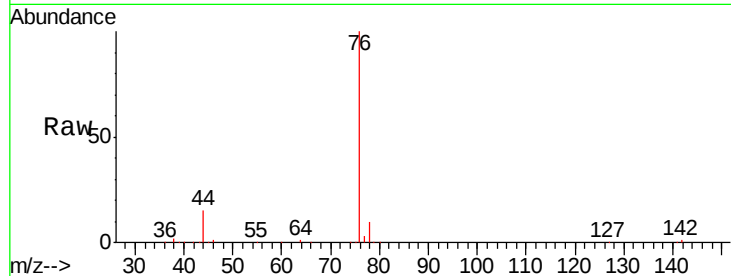
#17
Carbon Disulfide
Concen: 48.74 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 804104
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

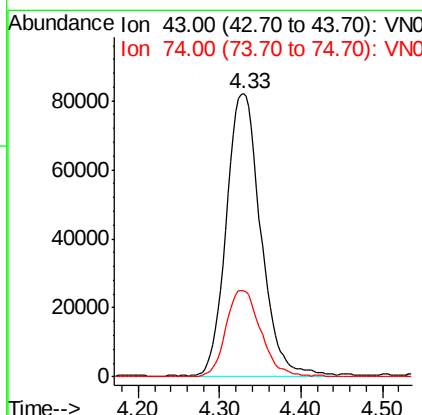
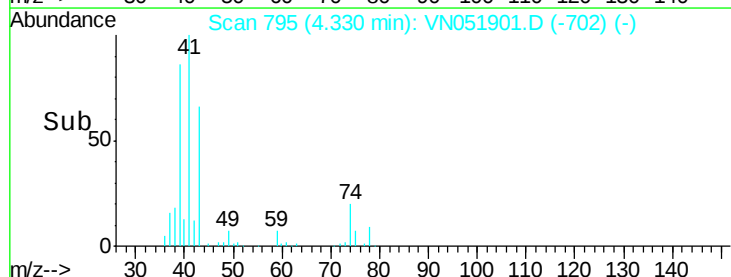
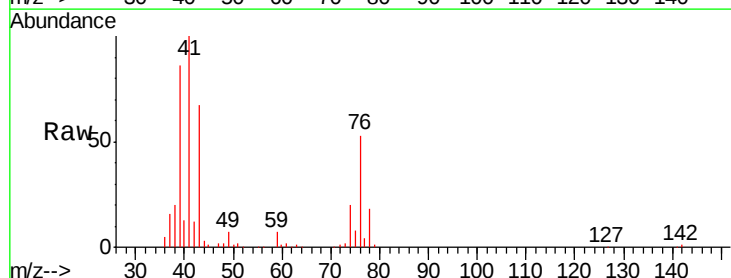
Manual Integrations
APPROVED

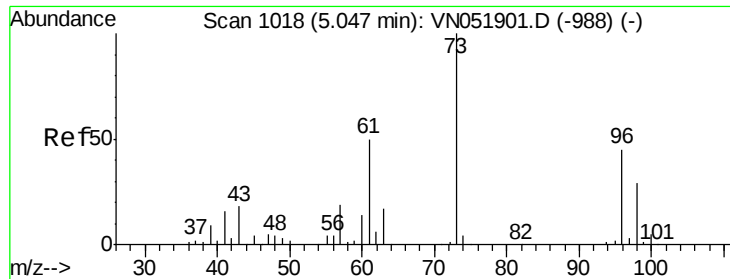
MMDadoda
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#18
Methyl Acetate
Concen: 48.03 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 43 Resp: 241683
Ion Ratio Lower Upper
43 100
74 31.1 24.9 37.3





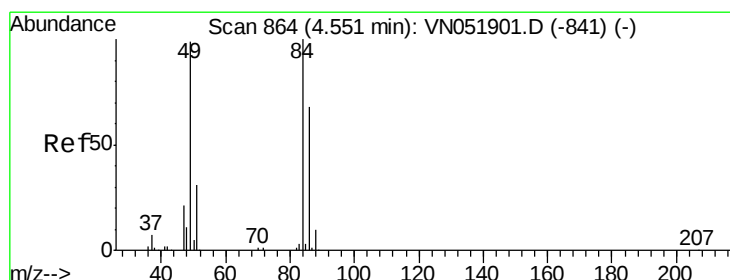
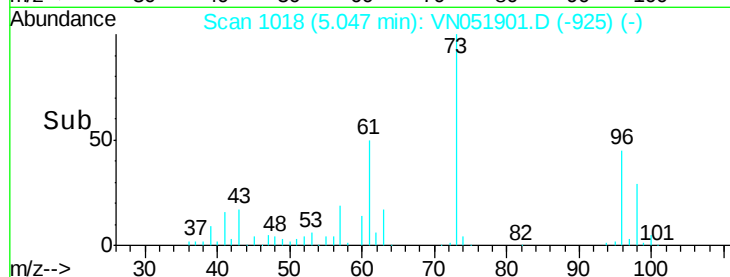
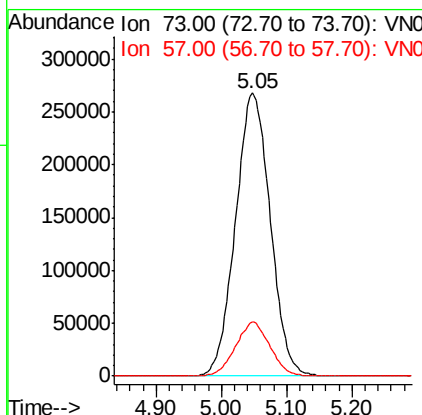
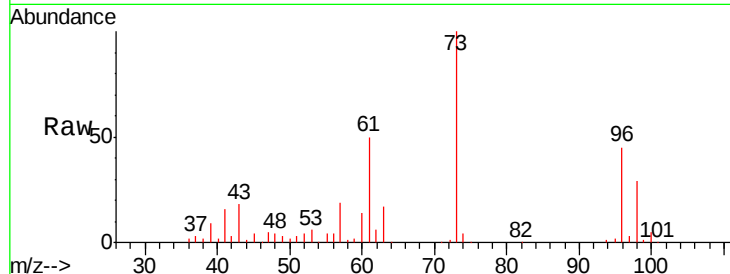
#19
Methyl tert-butyl Ether
Concen: 51.89 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.3	22.9

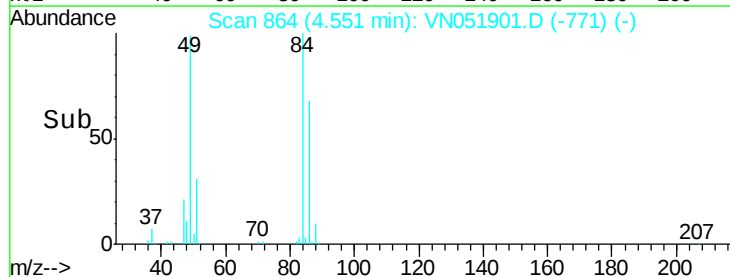
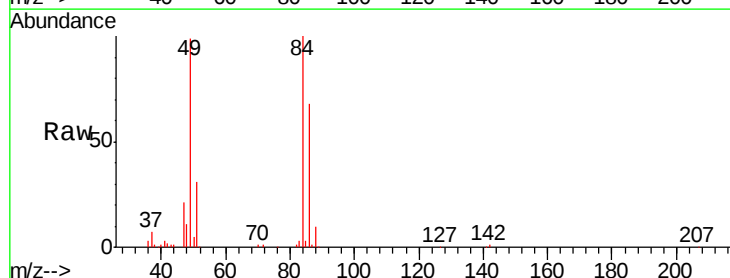
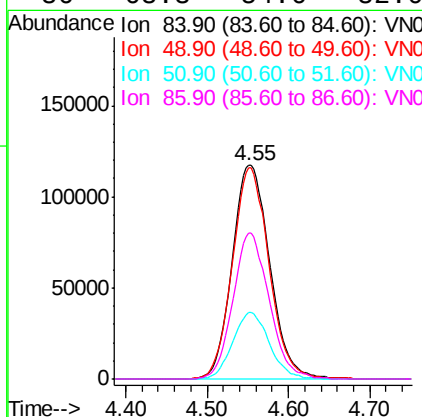
Manual Integrations
APPROVED

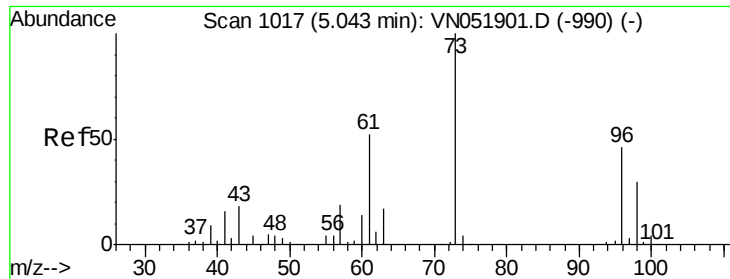
MMDadoda
10/19/2018 3:29:19 PM



#20
Methylene Chloride
Concen: 48.93 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.7	79.0	118.4
51	31.1	24.9	37.3
86	68.3	54.6	82.0





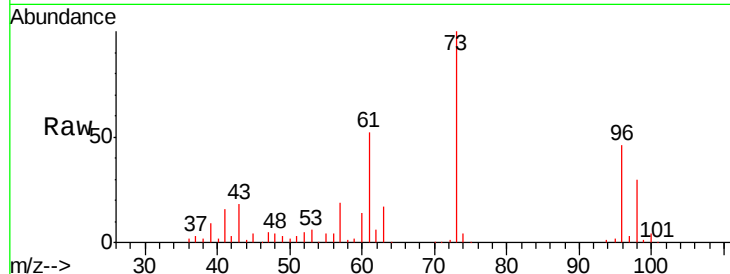
#21
trans-1,2-Dichloroethene
Concen: 50.58 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	112.2	89.8	134.6
98	64.6	51.7	77.5

Manual Integrations
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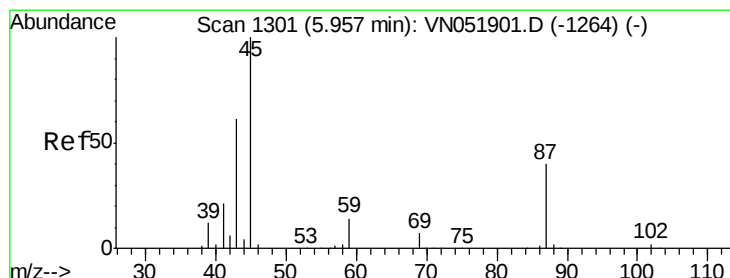
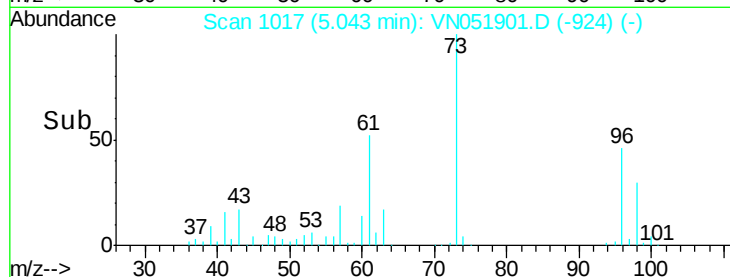
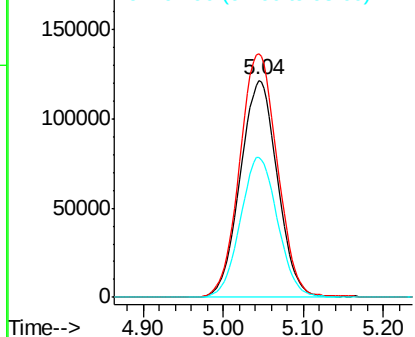


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22
Diisopropyl ether
Concen: 51.75 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.1	48.9	73.3
87	40.7	32.6	48.8
59	13.8	11.0	16.6

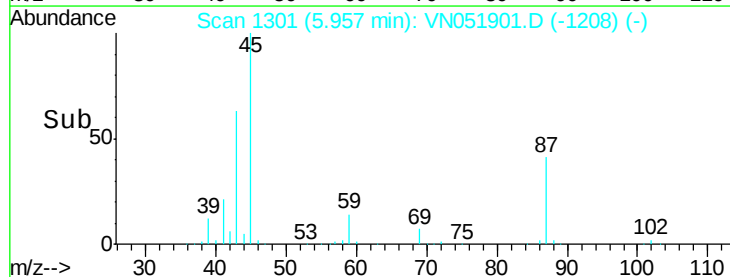
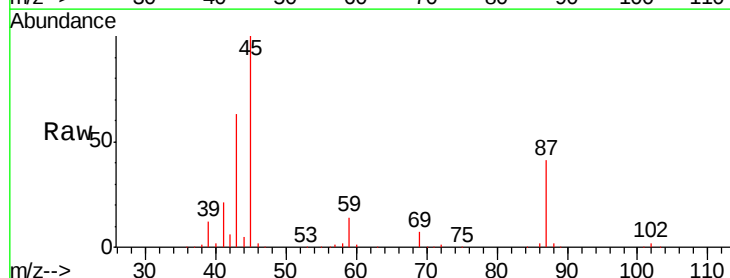
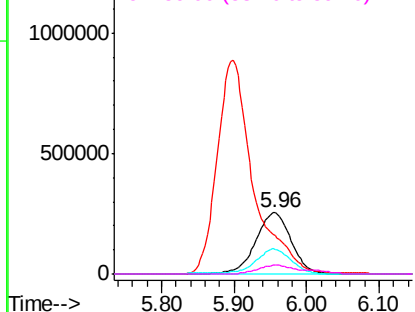
Abundance

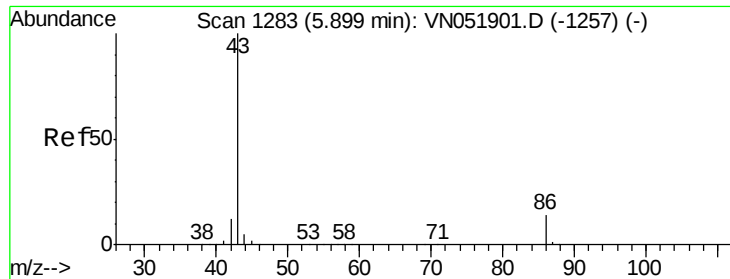
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 267.65 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 3078044

Ion Ratio Lower Upper

43 100

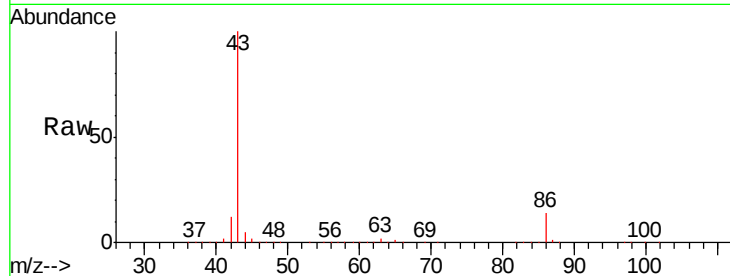
86 14.4 11.5 17.3

Manual Integrations

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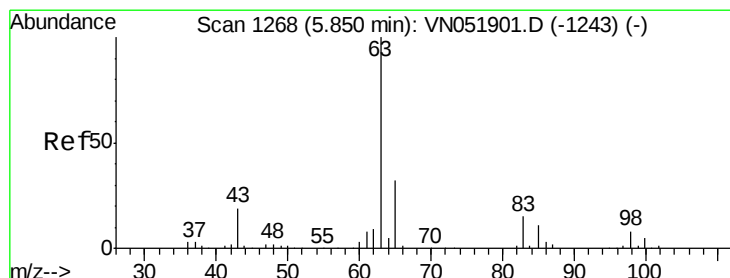
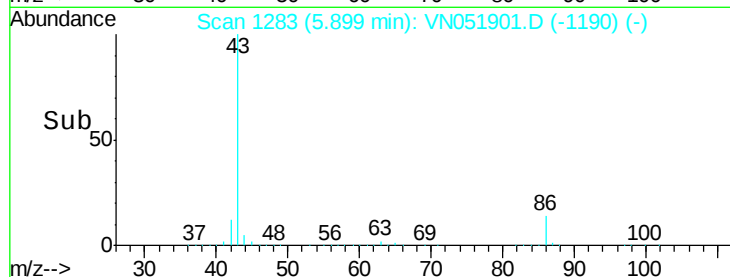
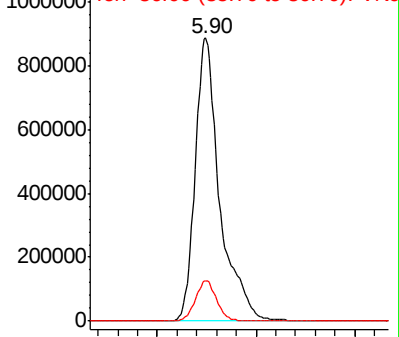
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.33 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

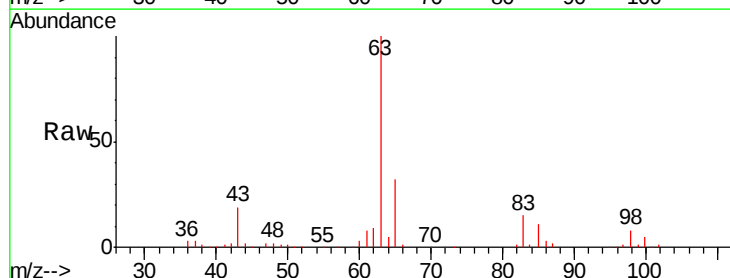
Tgt Ion: 63 Resp: 620901

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

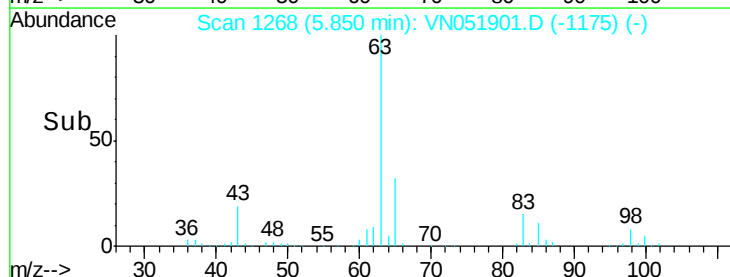
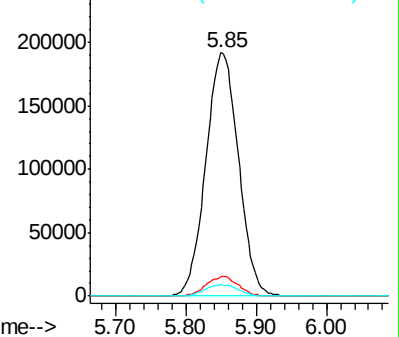
100 4.7 2.4 7.1

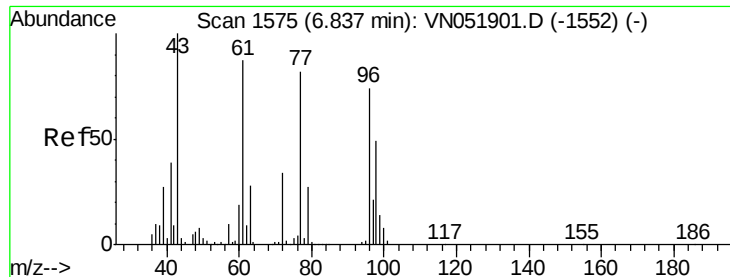


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 262.97 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 567305

Ion Ratio Lower Upper

43 100

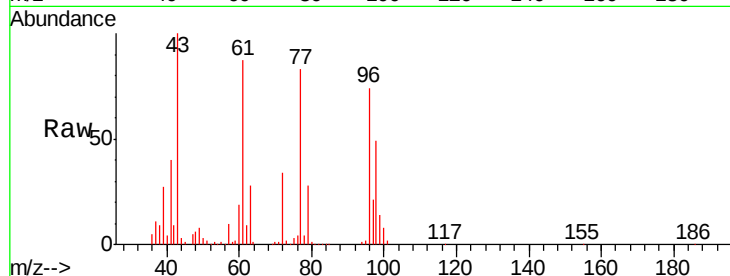
72 33.8 27.0 40.6

Manual Integrations

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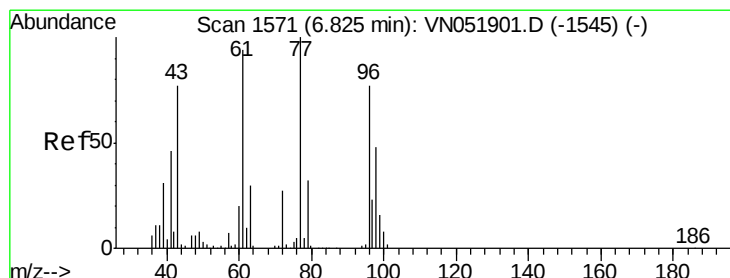
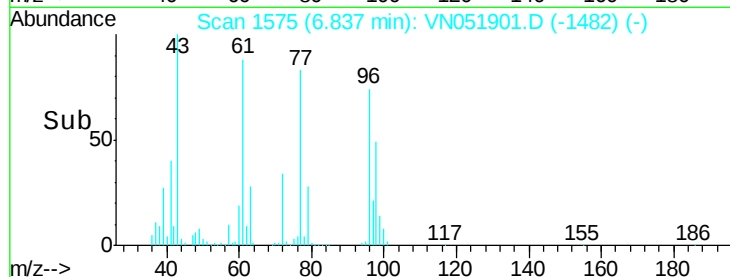
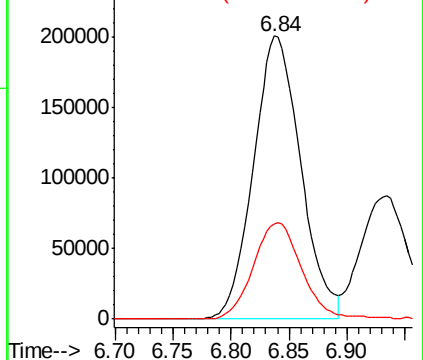
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 52.51 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN051901.D

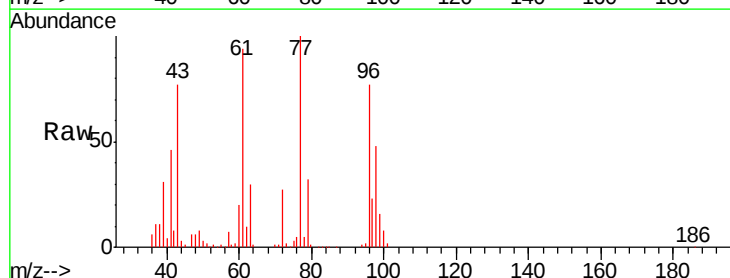
Acq: 17 Oct 2018 10:10

Tgt Ion: 77 Resp: 600757

Ion Ratio Lower Upper

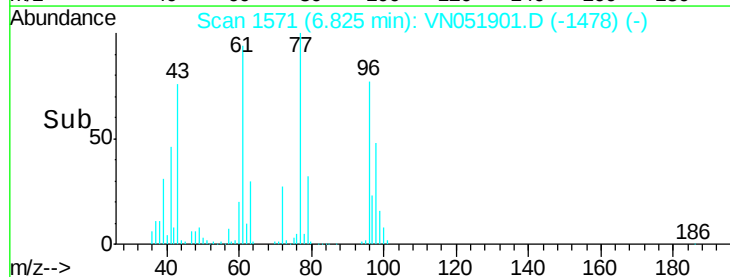
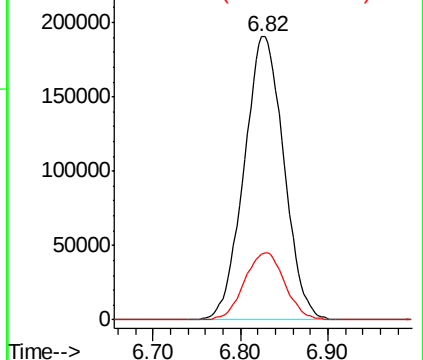
77 100

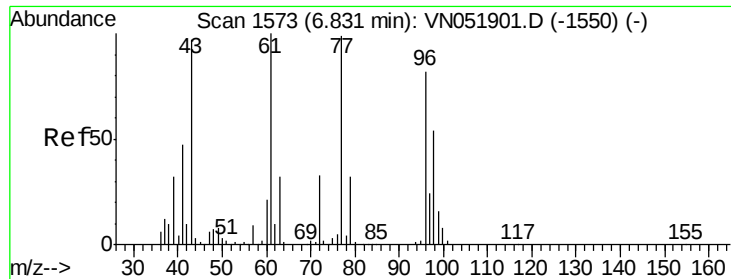
97 24.1 12.0 36.1



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: 51.35 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

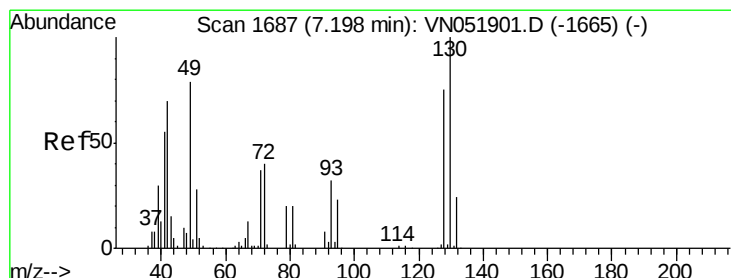
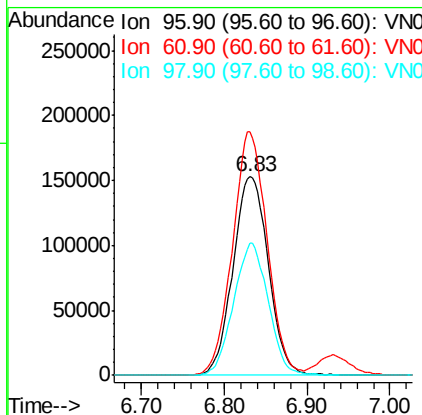
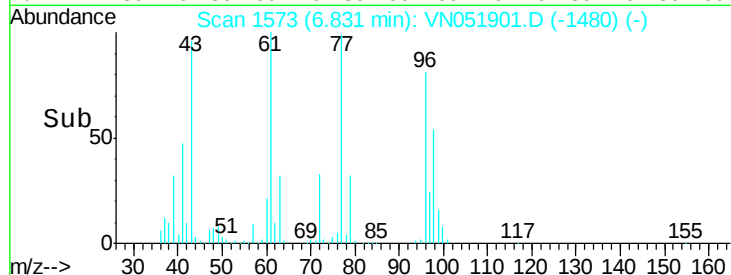
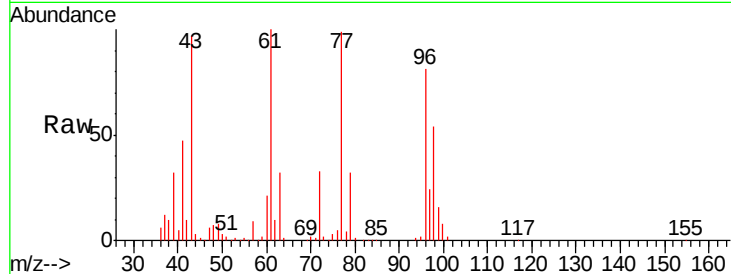
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	453840
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	240.2
98	64.9	0.0	129.8

Manual Integrations
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#28

Bromochloromethane

Concen: 51.89 ug/l

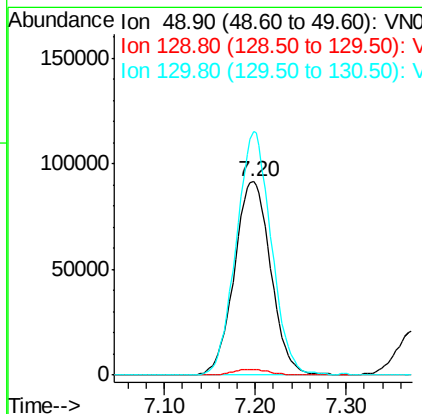
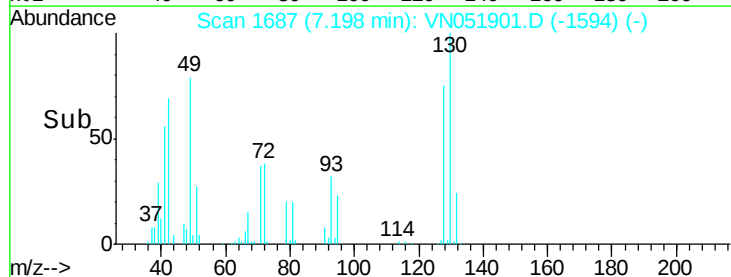
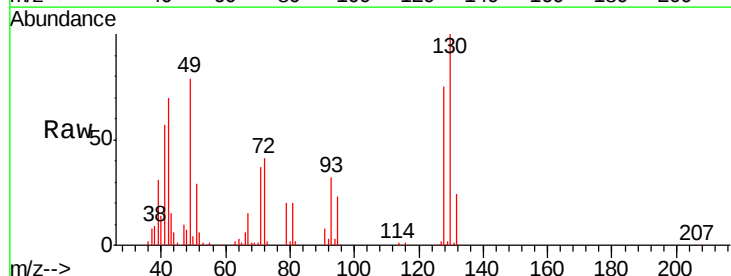
RT: 7.20 min Scan# 1687

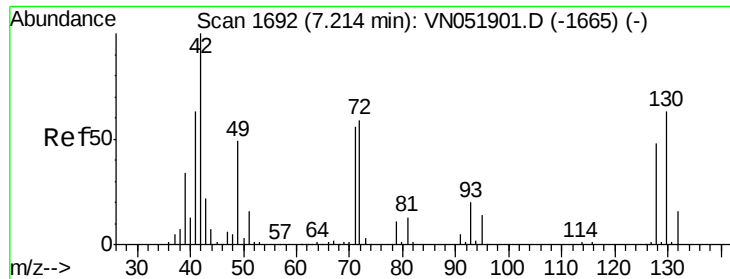
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion:	49	Resp:	254884
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	120.9	96.7	145.1





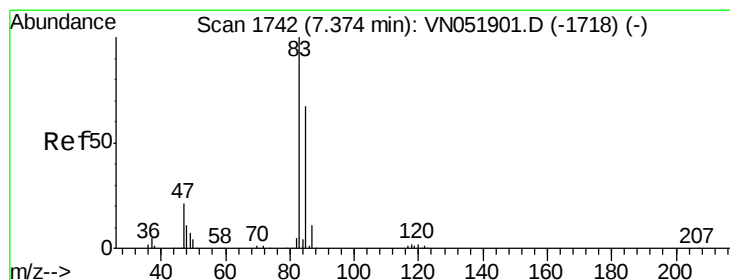
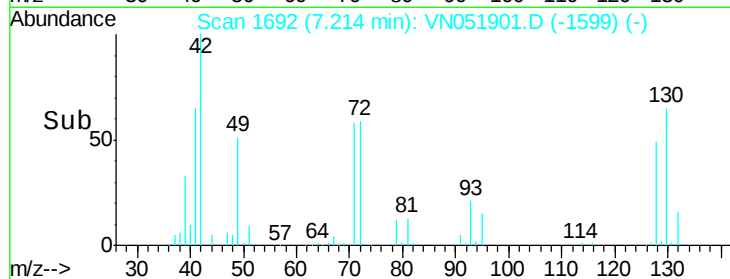
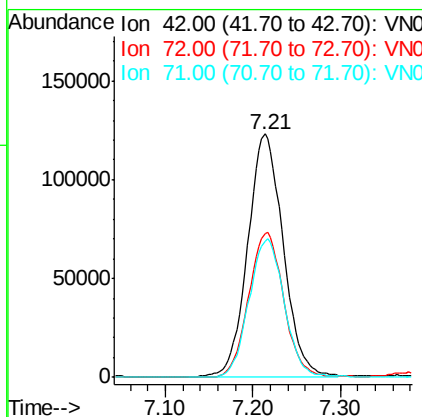
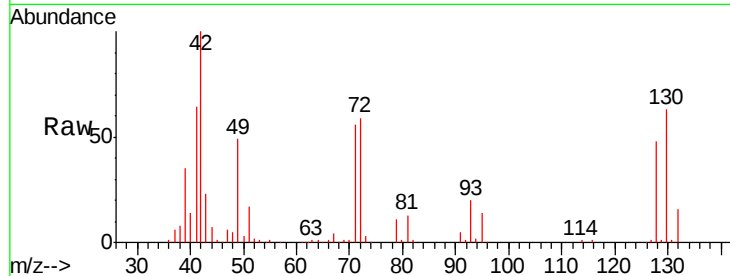
#29
Tetrahydrofuran
Concen: 261.29 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	59.6	47.7	71.5
71	56.7	45.4	68.0

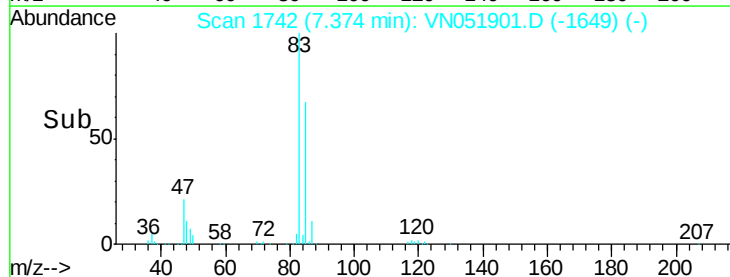
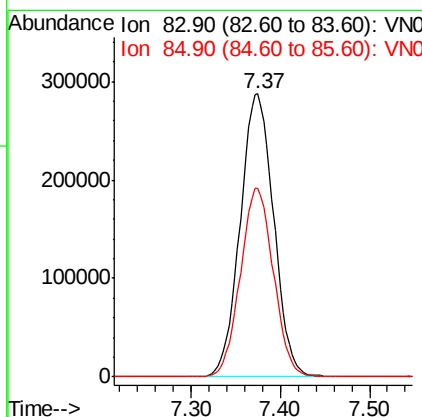
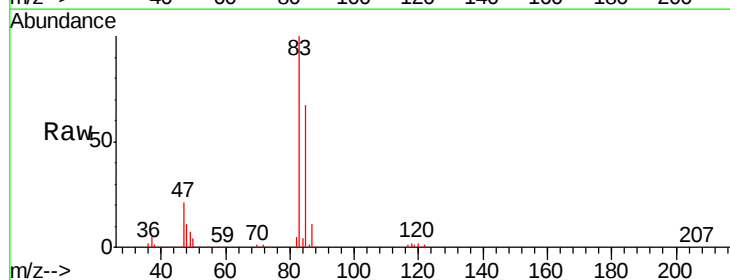
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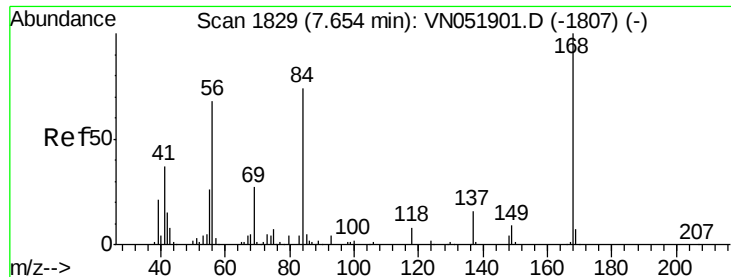
MMDadoda
10/19/2018 3:29:19 PM



#30
Chloroform
Concen: 51.71 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.4	80.2





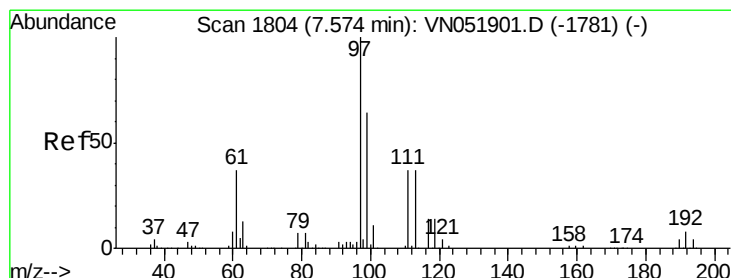
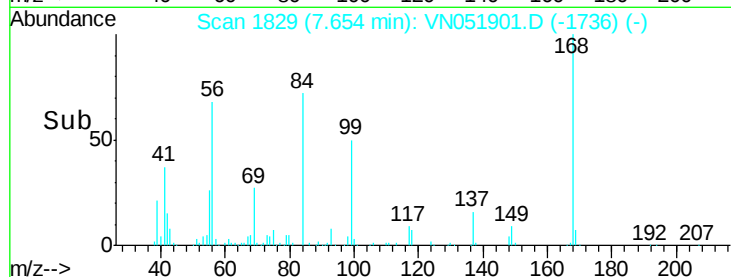
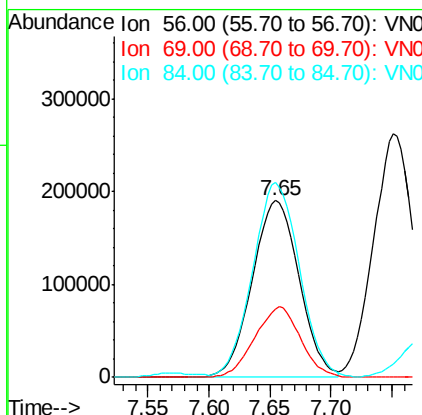
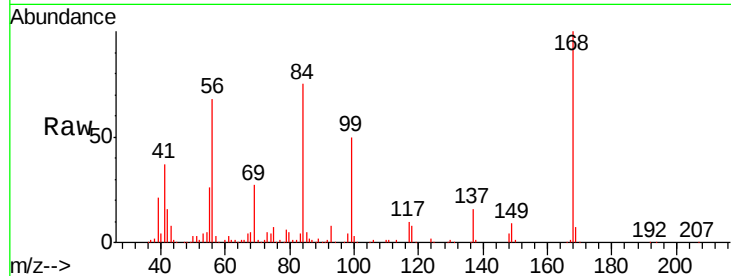
#31
Cyclohexane
Concen: 38.69 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.0	31.2	46.8
84	108.3	86.6	130.0

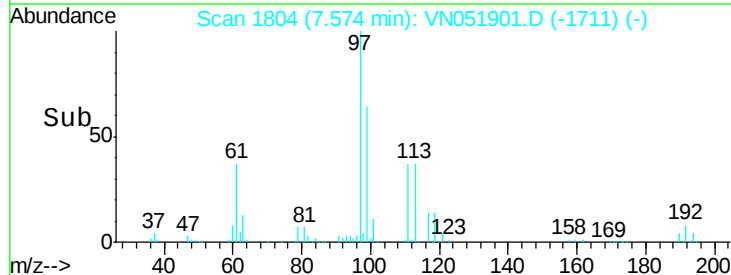
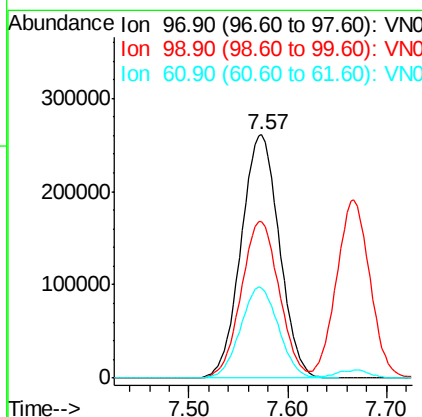
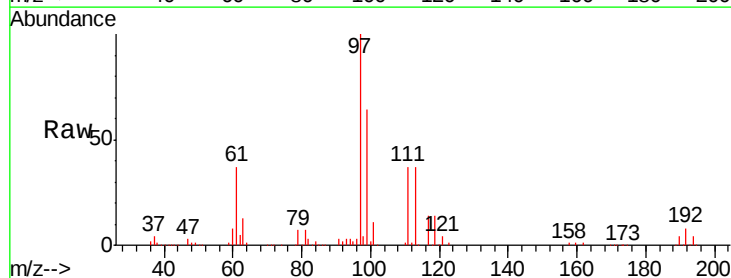
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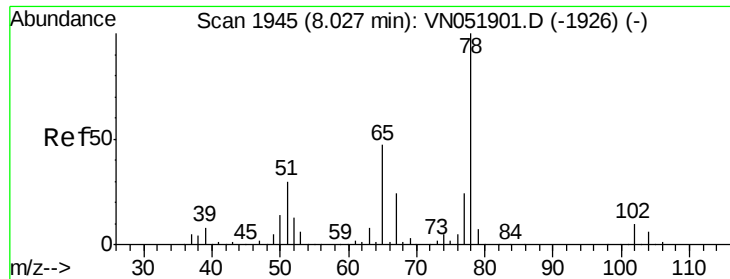
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.82 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	37.2	29.8	44.6





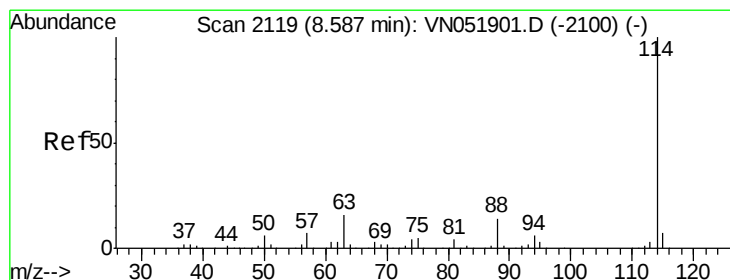
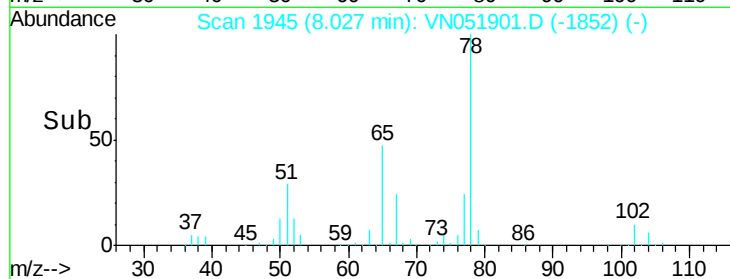
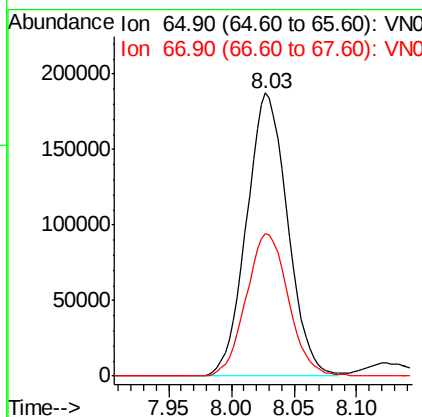
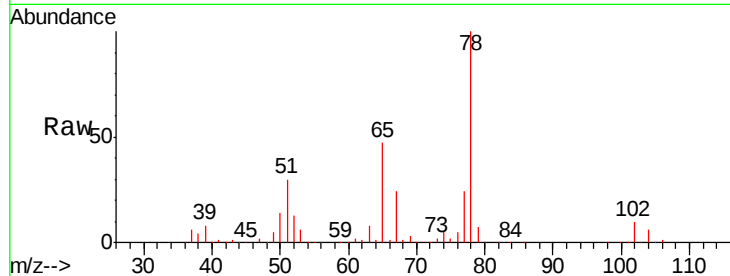
#33
 1,2-Dichloroethane-d4
 Concen: 51.82 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 427360
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0

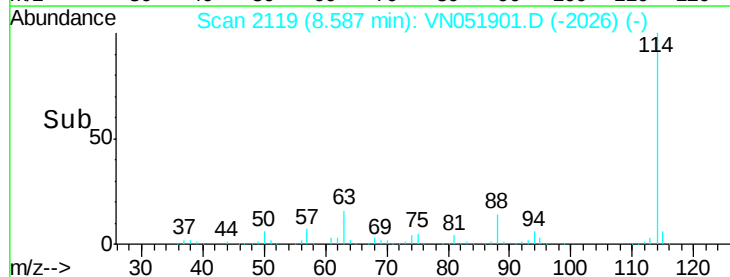
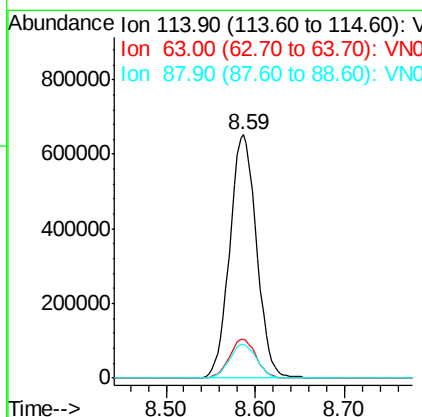
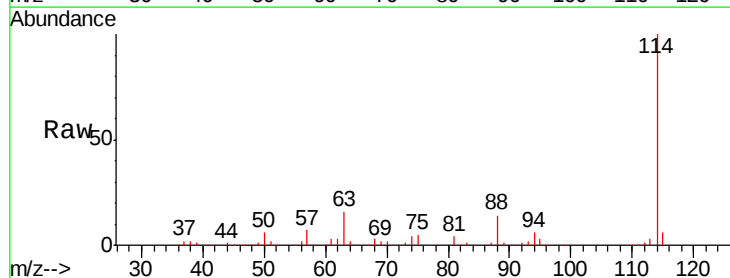
Manual Integrations
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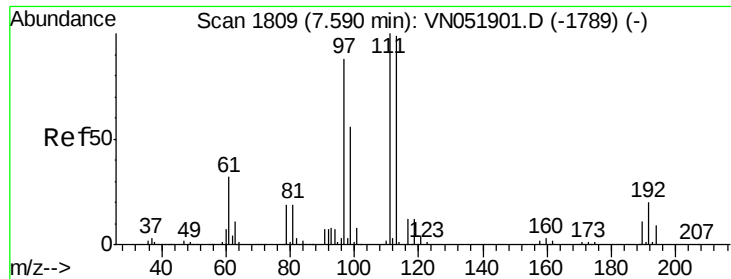
MMDadoda
 10/19/2018 3:29:19 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 114 Resp: 1355864
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.8
 88 14.0 0.0 28.0





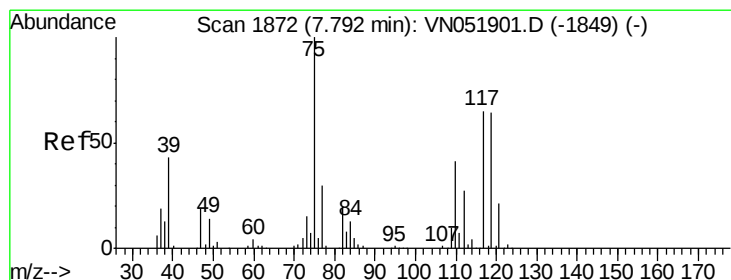
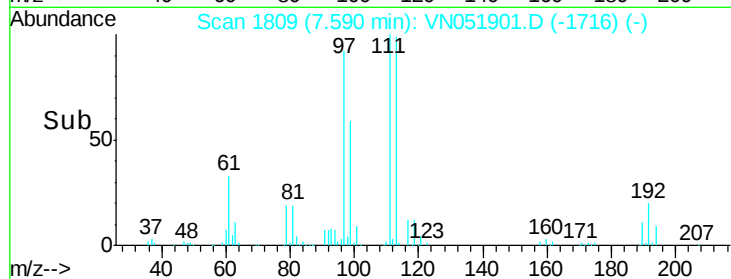
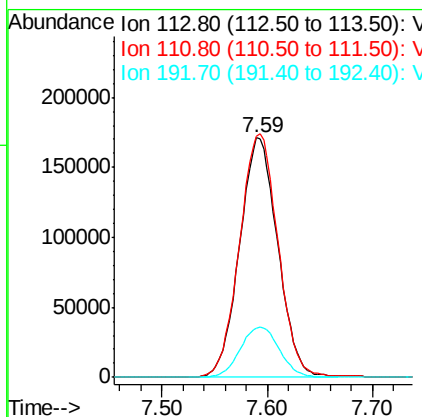
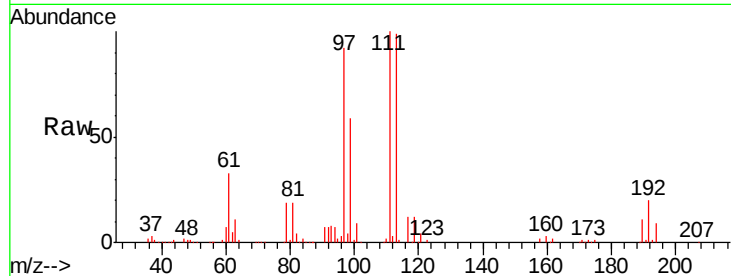
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	430187		
111	103.2	82.6	123.8	
192	21.6	17.3	25.9	

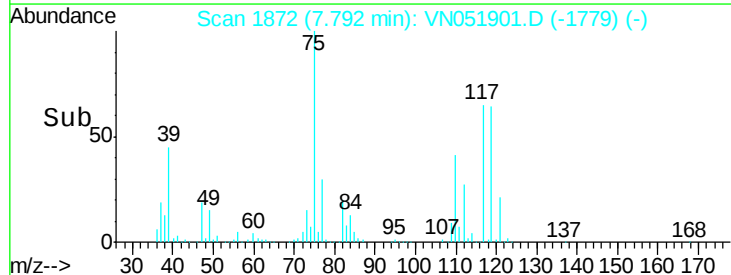
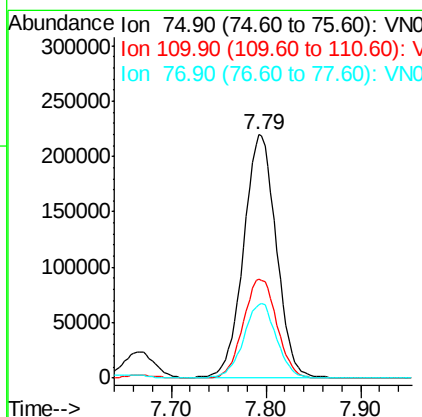
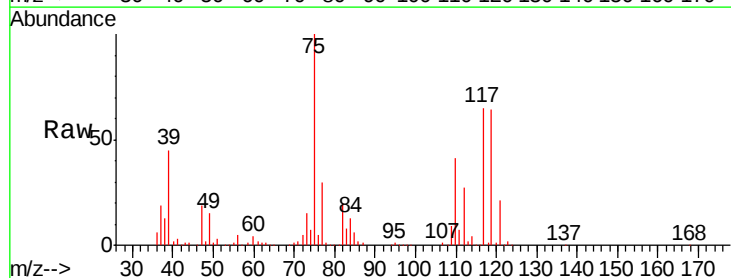
Manual Integrations
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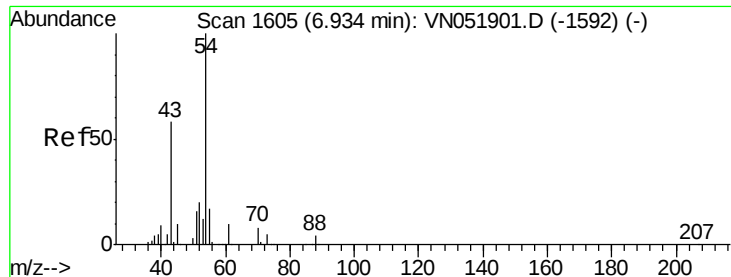
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.83 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	524360		
110	42.0	21.0	63.0	
77	31.1	24.9	37.3	





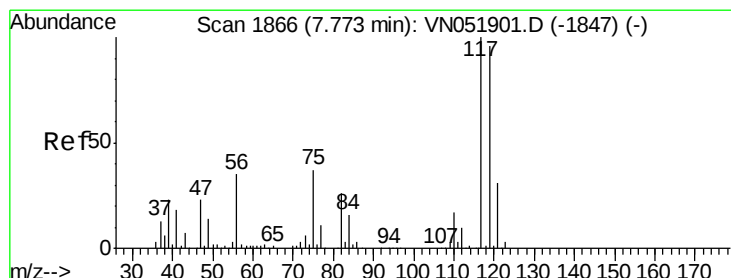
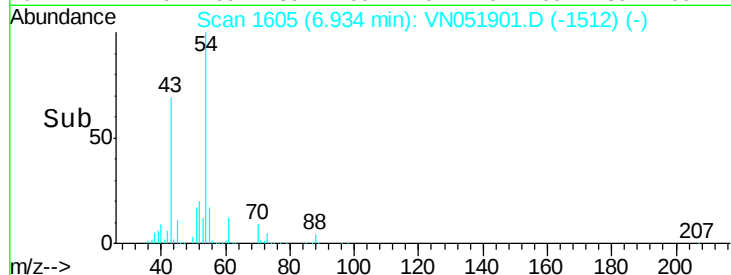
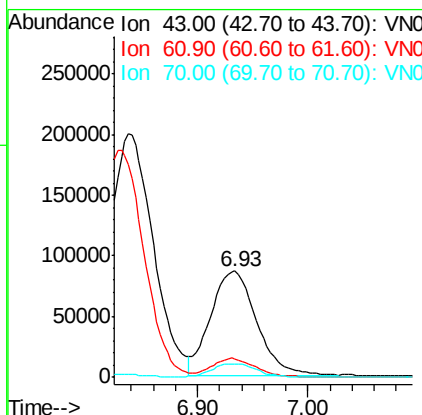
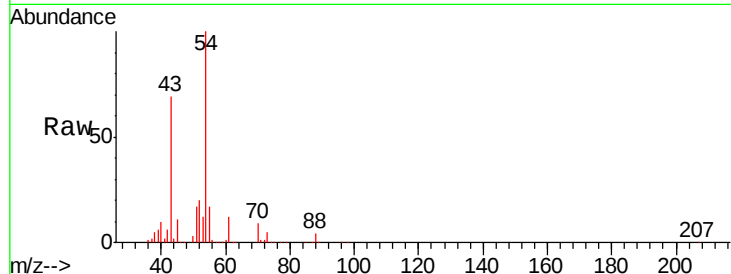
#37
Ethyl Acetate
Concen: 54.26 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.0	19.6
70	13.0	10.4	15.6

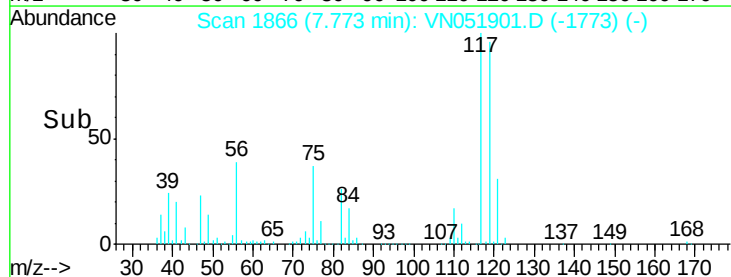
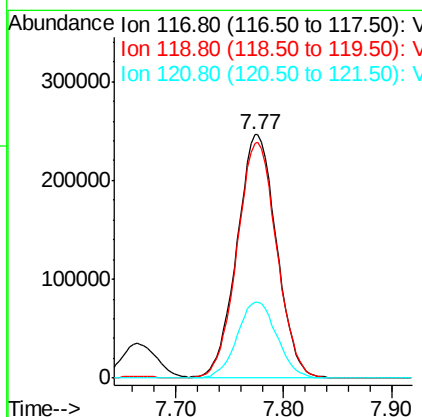
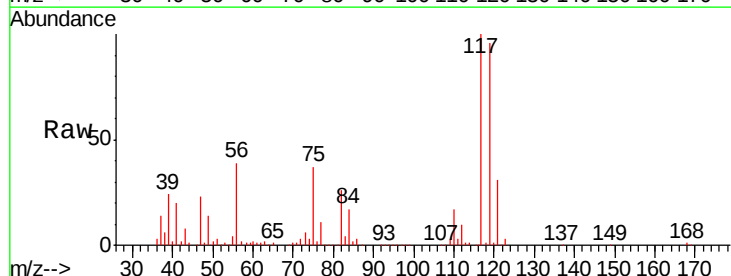
Manual Integrations
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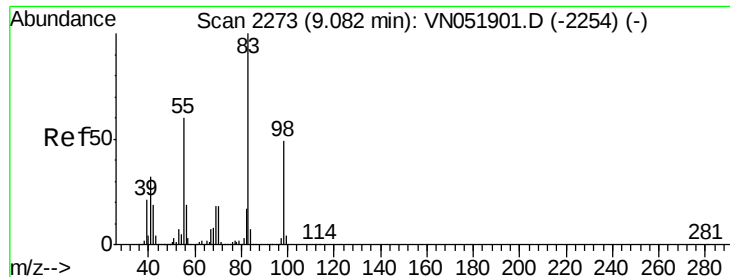
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#38
Carbon Tetrachloride
Concen: 50.47 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
121	31.4	25.1	37.7





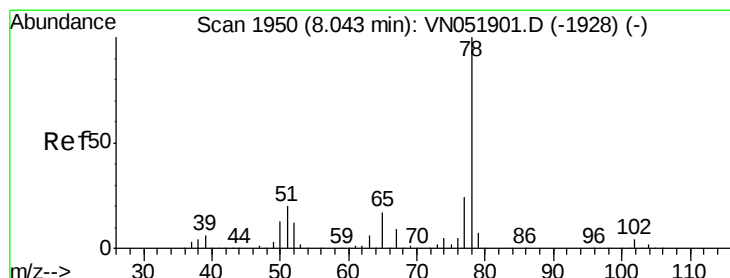
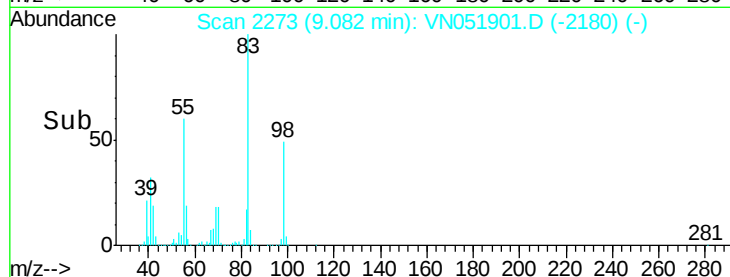
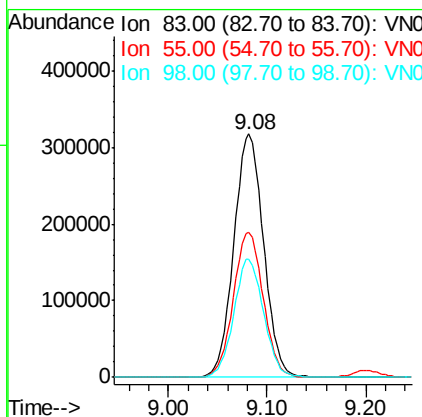
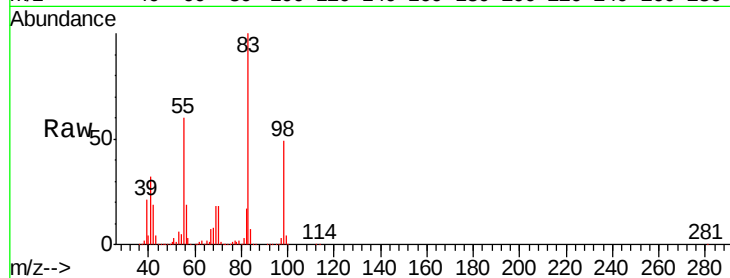
#39
Methylcyclohexane
Concen: 51.21 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	59.8	47.8	71.8
98	48.7	39.0	58.4

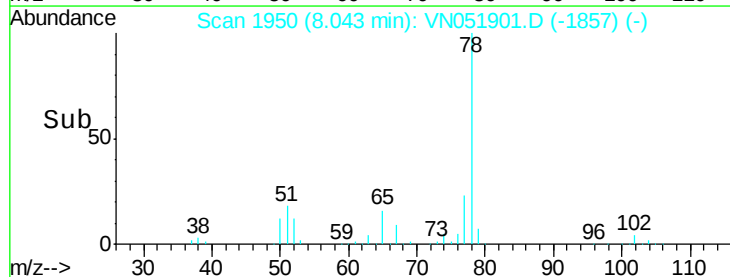
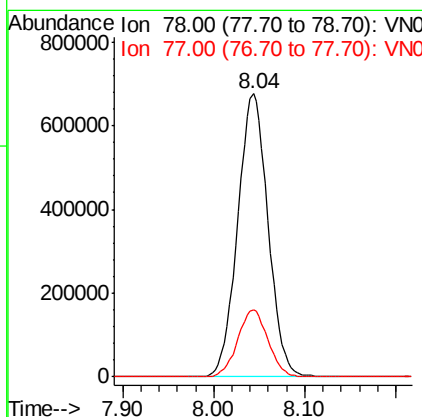
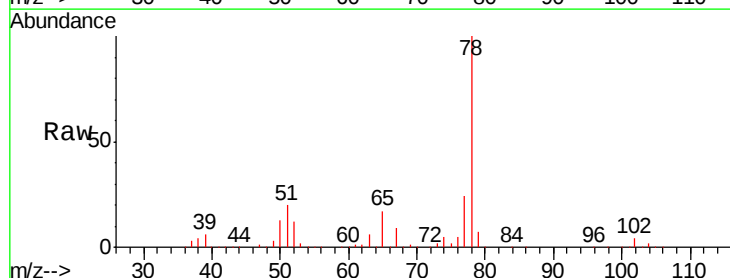
Manual Integrations
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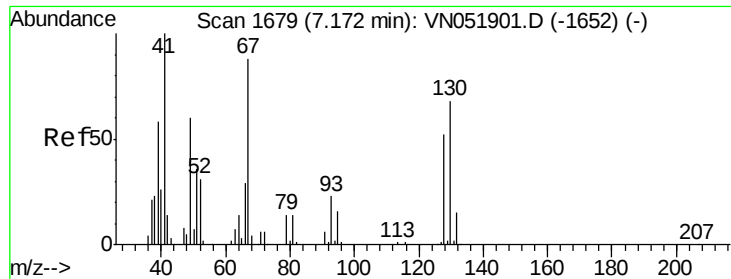
MMDadoda
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#40
Benzene
Concen: 50.97 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





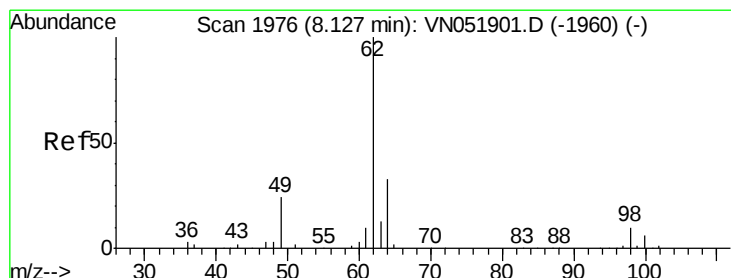
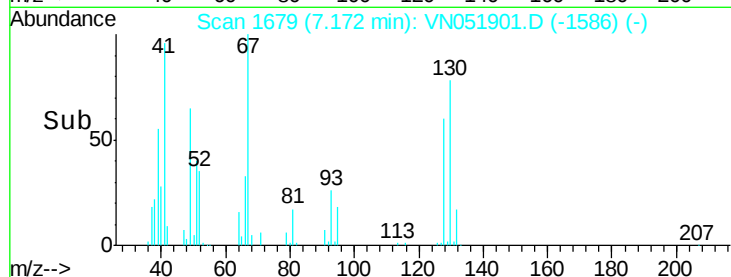
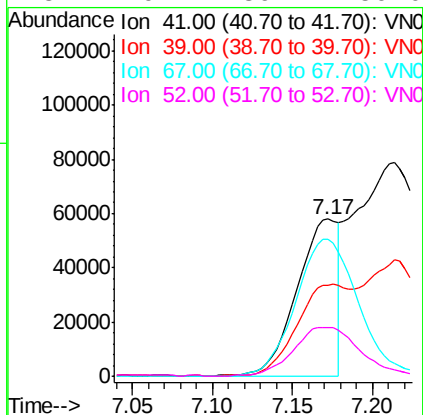
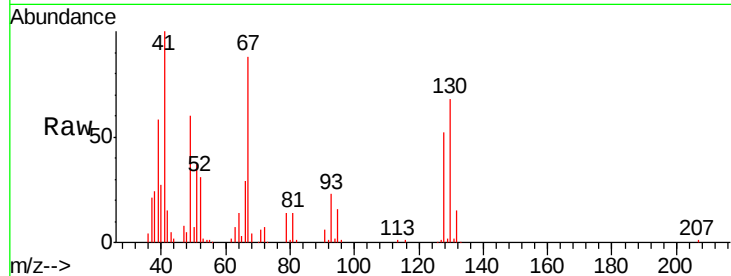
#41
Methacrylonitrile
Concen: 43.81 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	70.1	56.1	84.1	
67	133.1	106.5	159.7	
52	49.2	39.4	59.0	

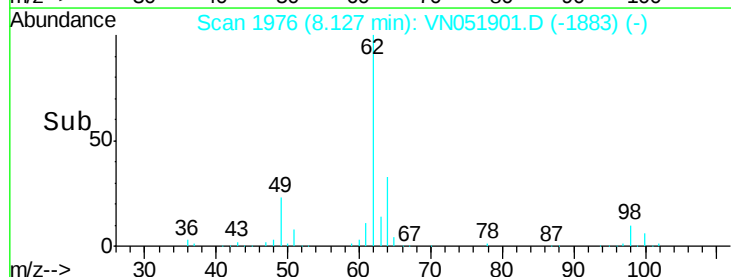
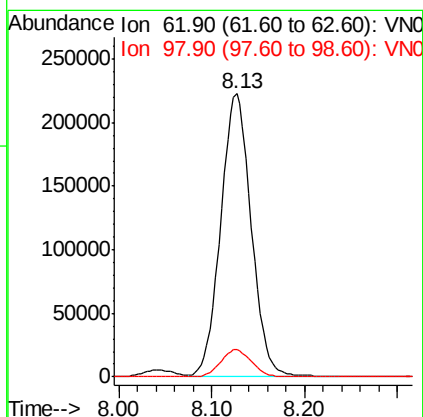
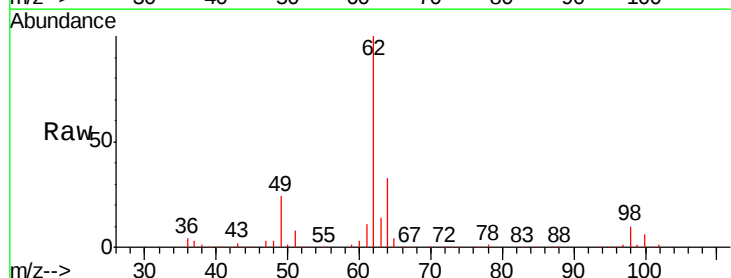
Manual Integrations
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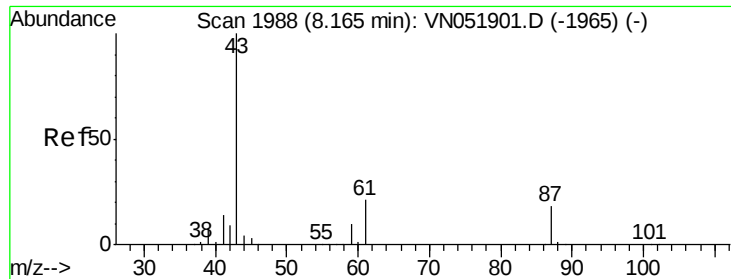
MMDadoda
10/19/2018 3:29:19 PM



#42
1,2-Dichloroethane
Concen: 51.42 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.6	





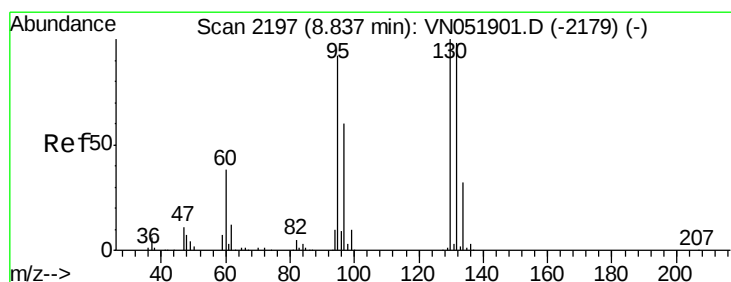
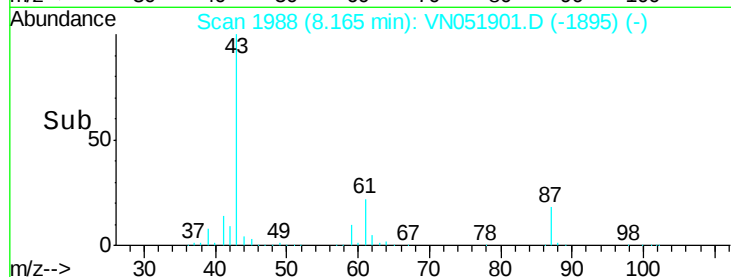
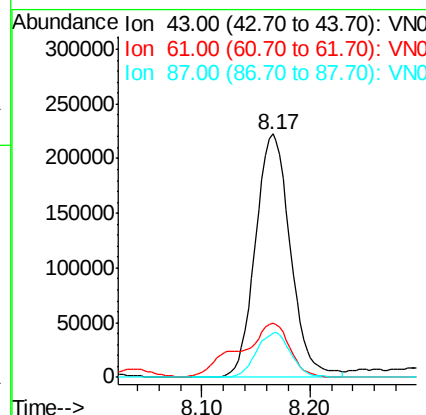
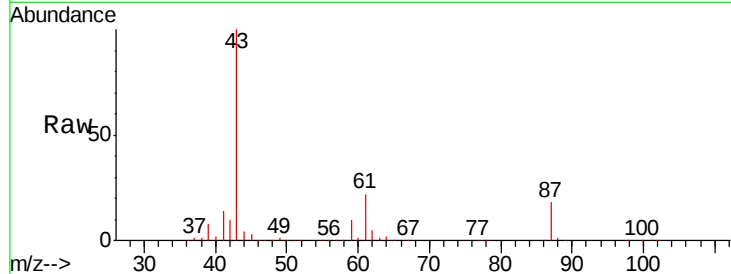
#43
Isopropyl Acetate
Concen: 53.38 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.9	37.3
87	18.3	14.6	22.0

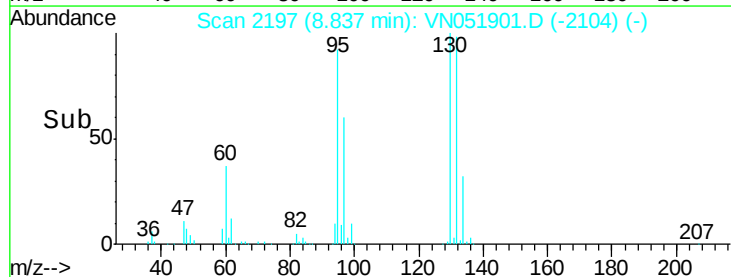
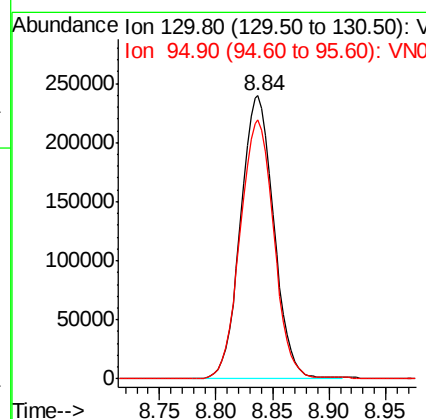
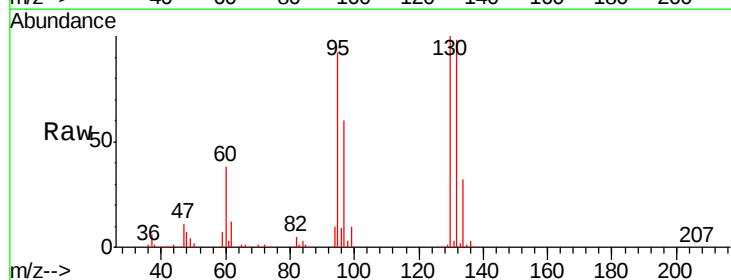
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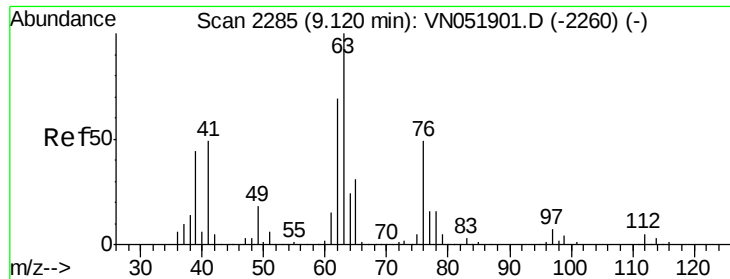
MMDadoda
10/19/2018 3:29:19 PM



#44
Trichloroethene
Concen: 50.86 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	183.2





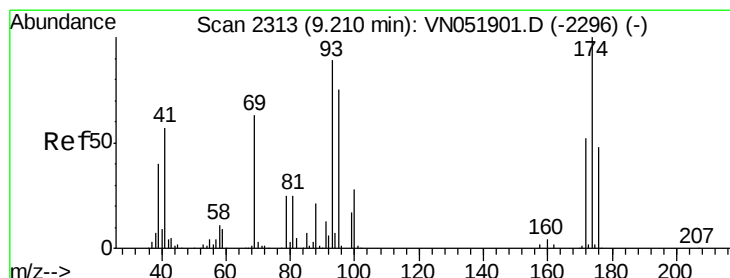
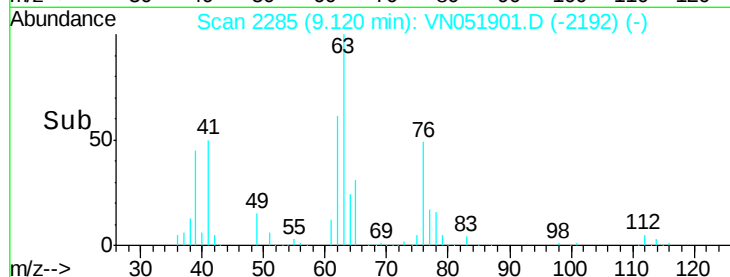
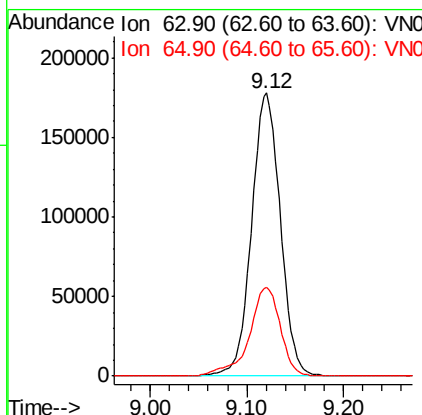
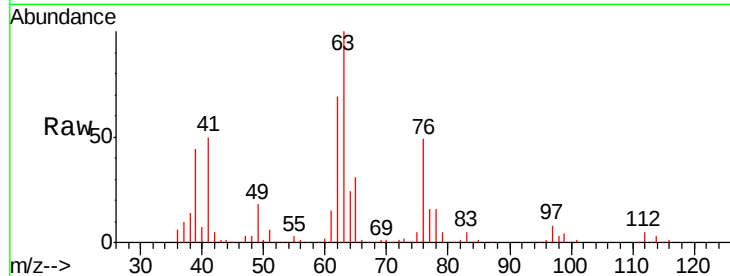
#45
 1,2-Dichloropropane
 Concen: 51.63 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 367055
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3

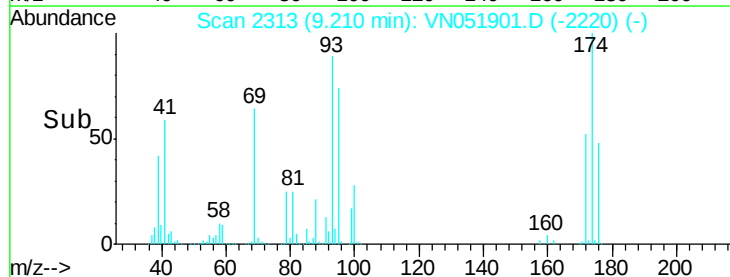
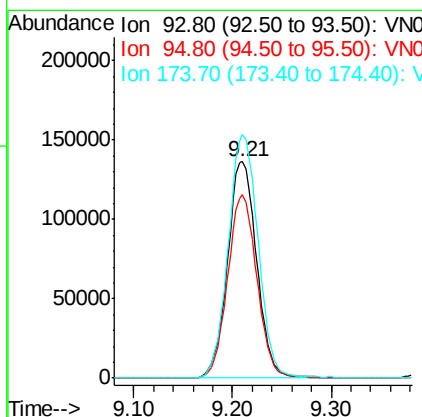
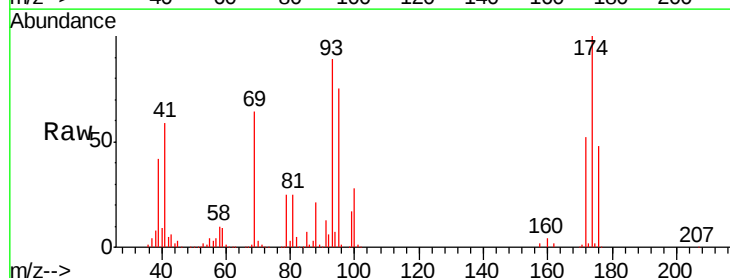
Manual Integrations
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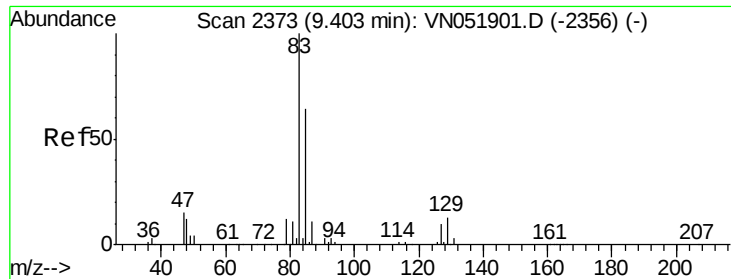
MMDadoda
 10/19/2018 3:29:19 PM



#46
 Dibromomethane
 Concen: 52.11 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 93 Resp: 282349
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.8 101.6
 174 114.9 91.9 137.9





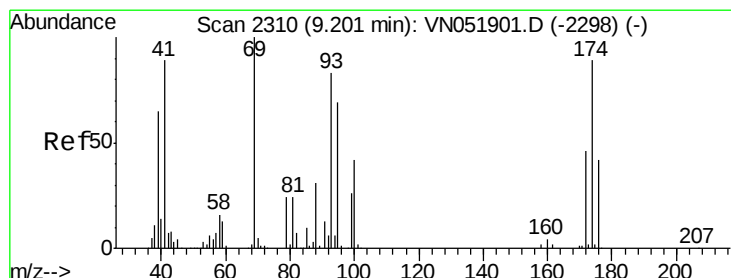
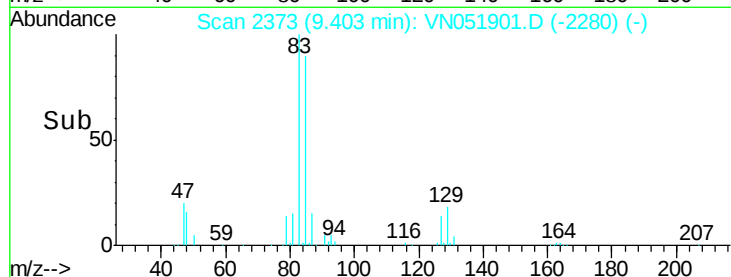
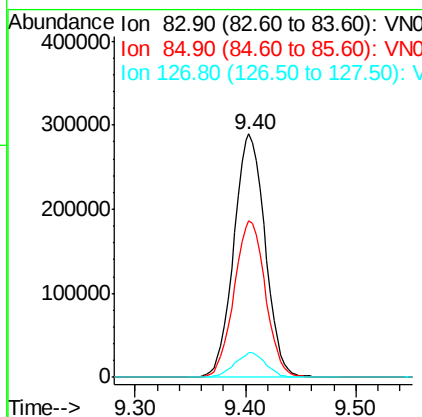
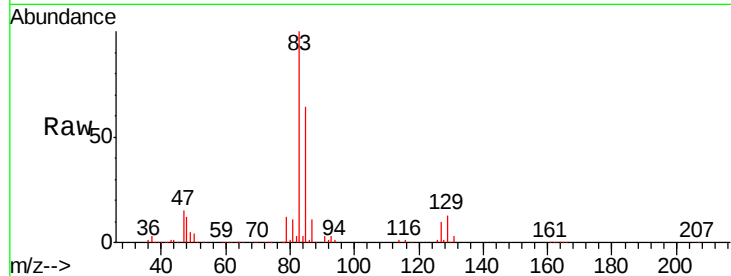
#47
Bromodichloromethane
Concen: 52.40 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	9.9	7.9	11.9

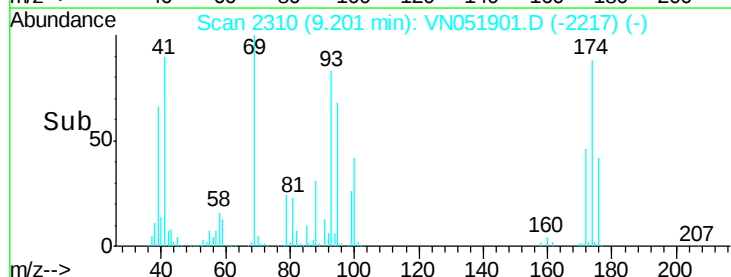
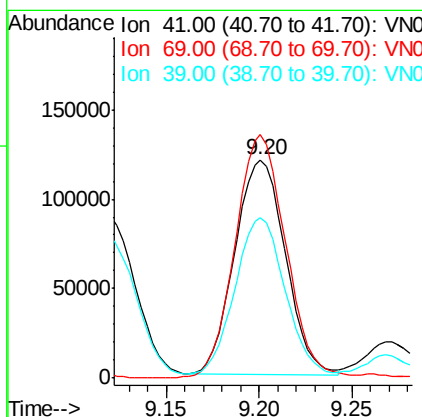
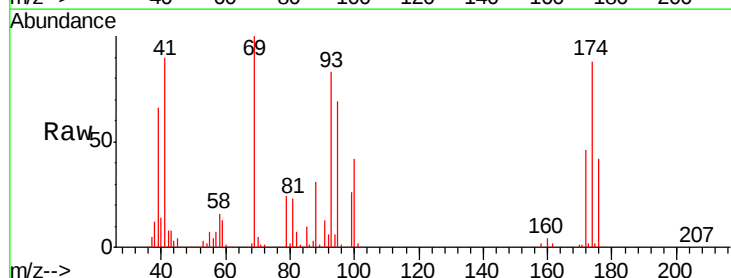
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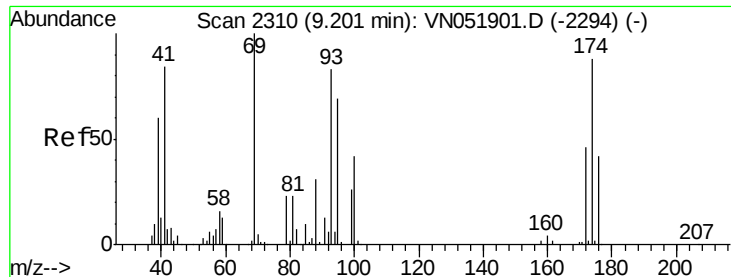
MMDadoda
10/19/2018 3:29:19 PM



#48
Methyl methacrylate
Concen: 53.85 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
41	100		
69	112.7	90.2	135.2
39	74.6	59.7	89.5





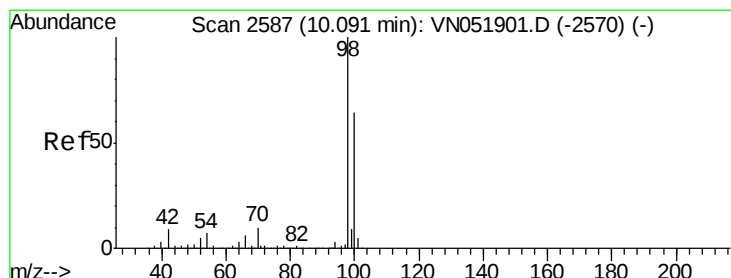
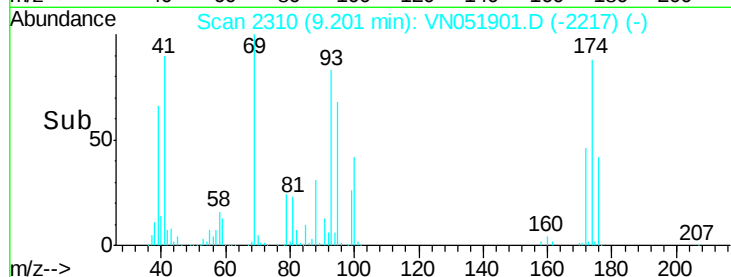
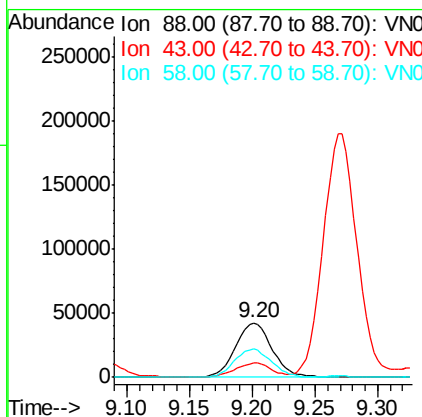
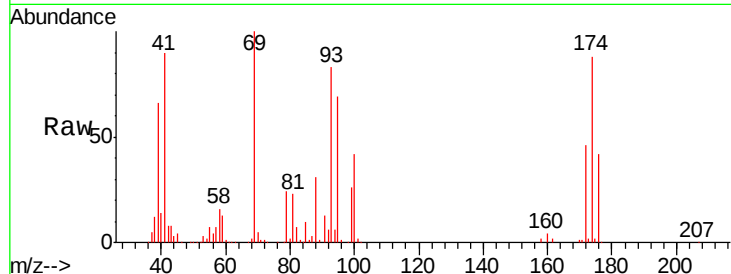
#49
1,4-Dioxane
Concen: 1069.06 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	24.6	19.7	29.5
58	53.3	42.6	64.0

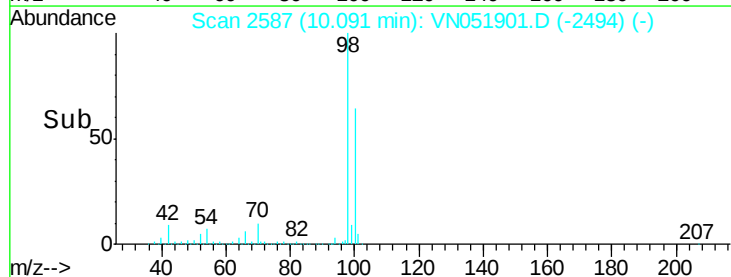
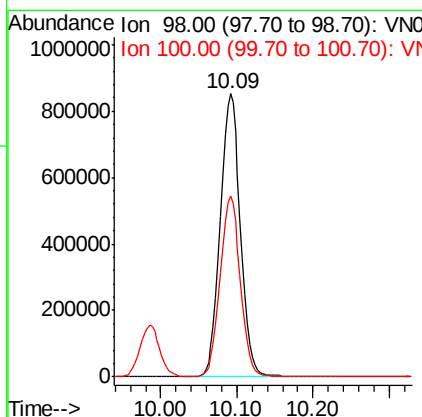
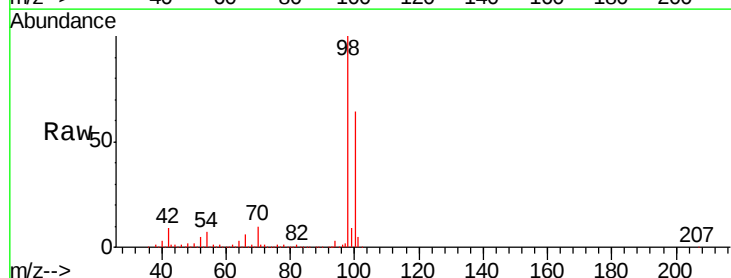
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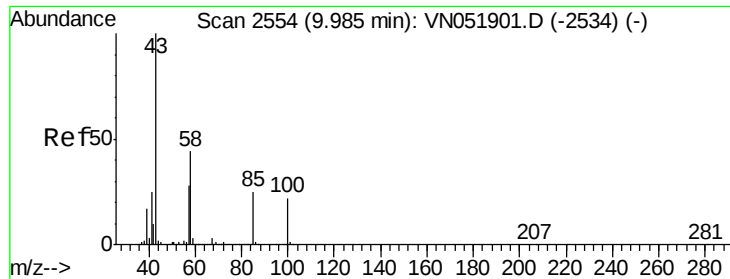
MMDadoda
10/19/2018 3:29:19 PM



#50
Toluene-d8
Concen: 1069.06 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





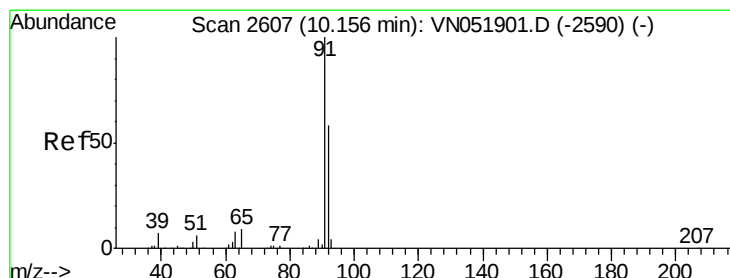
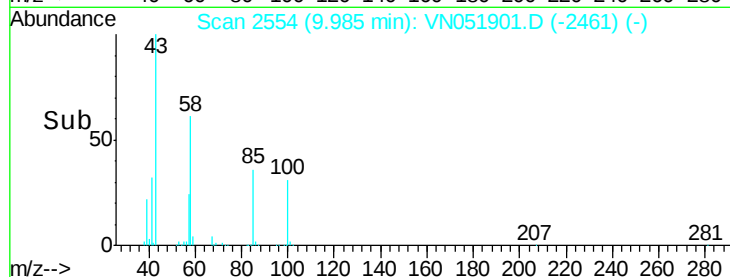
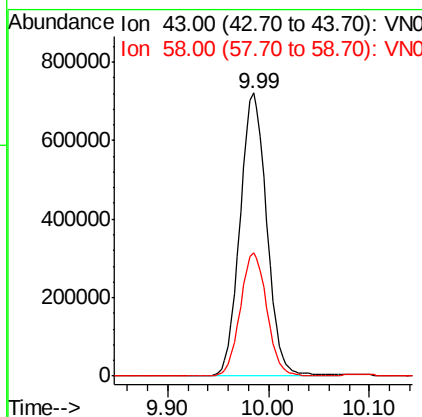
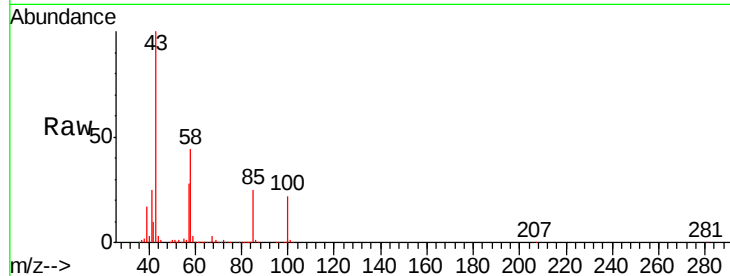
#51
 4-Methyl-2-Pentanone
 Concen: 269.75 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1321490
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.6 52.0

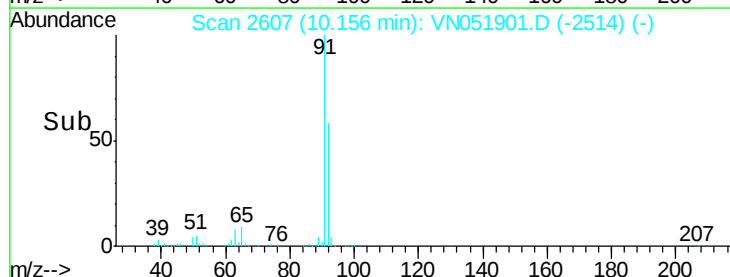
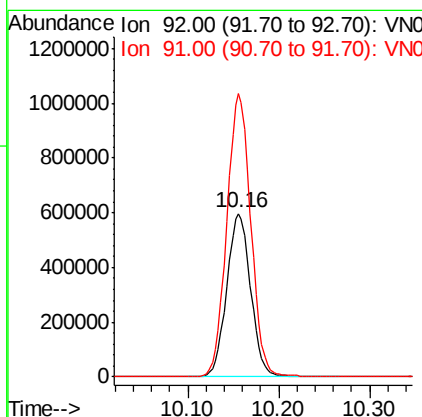
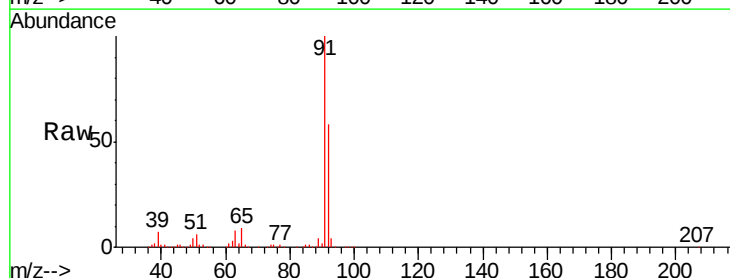
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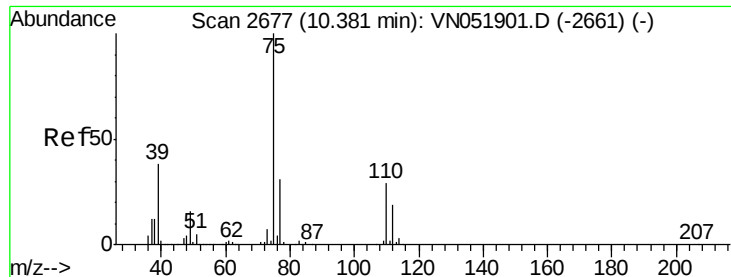
MMDadoda
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#52
 Toluene
 Concen: 52.89 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 92 Resp: 1087663
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.8 209.6





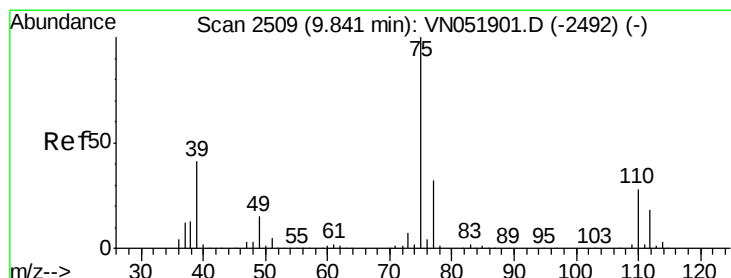
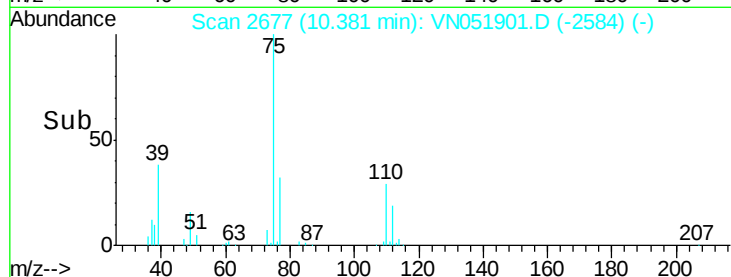
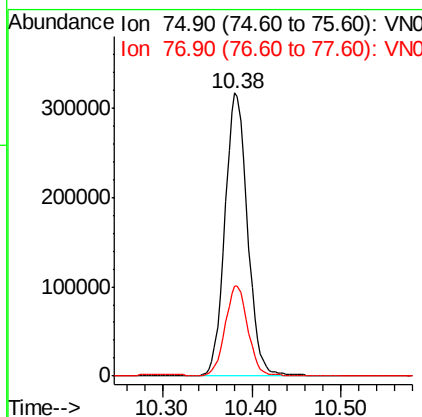
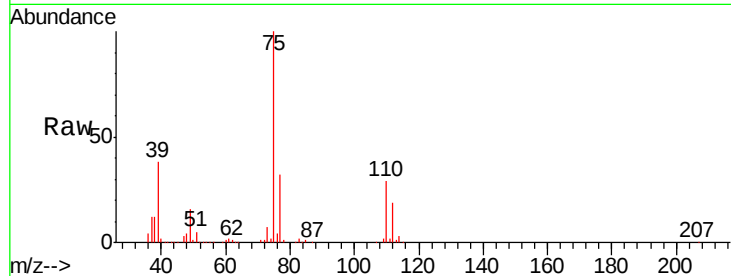
#53
 t-1,3-Dichloropropene
 Concen: 54.16 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 557418
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

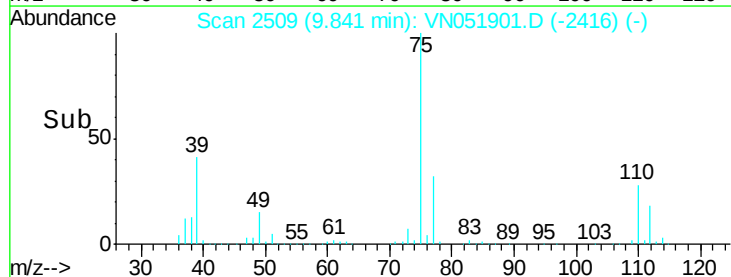
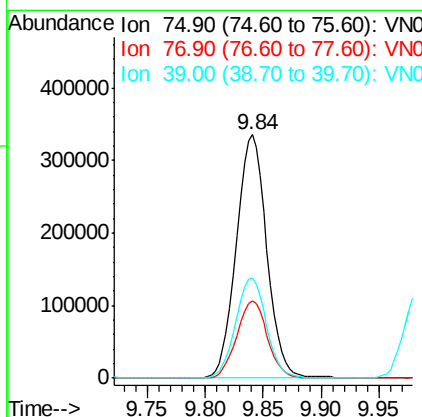
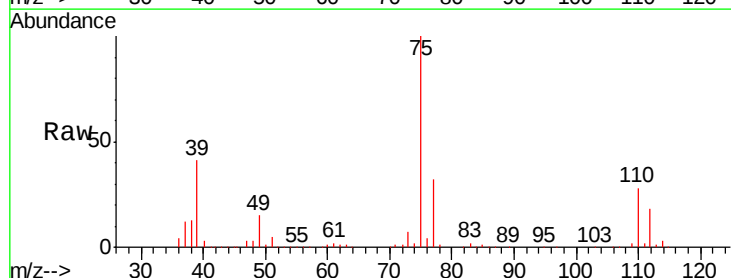
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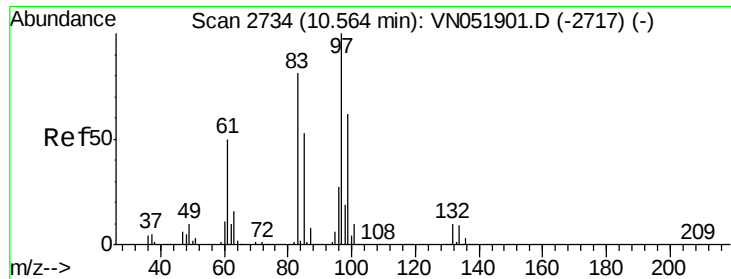
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#54
 cis-1,3-Dichloropropene
 Concen: 53.21 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 75 Resp: 610577
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 41.0 32.8 49.2





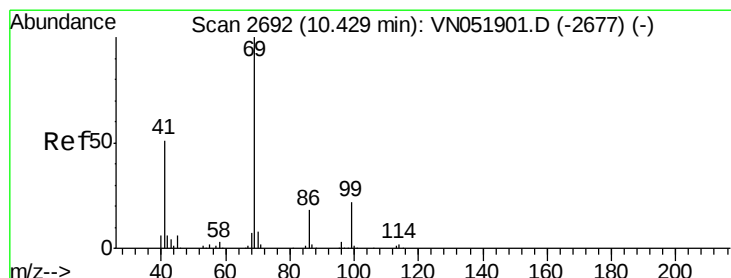
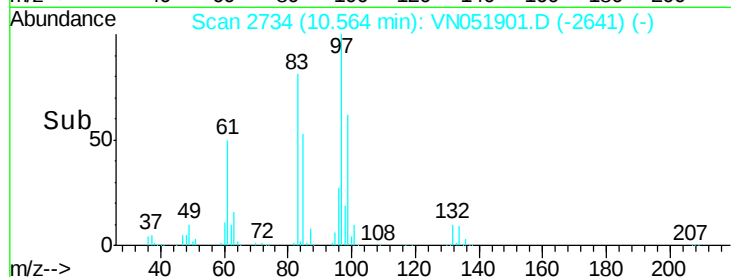
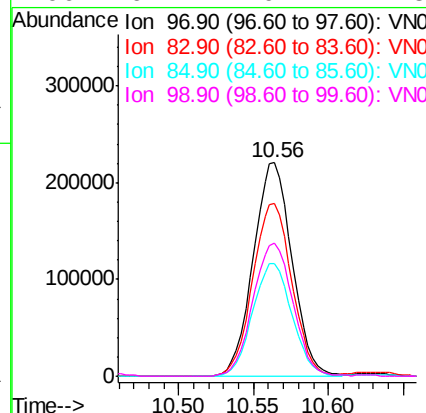
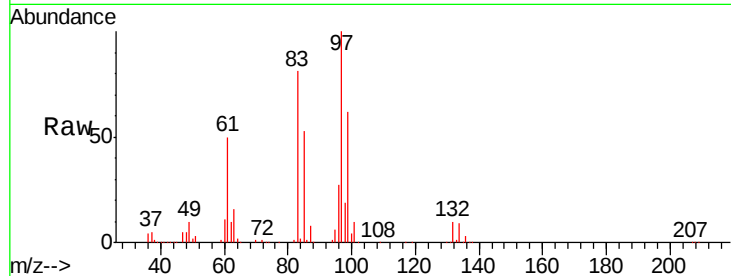
#55
 1,1,2-Trichloroethane
 Concen: 52.75 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.7	64.6	96.8
85	52.9	42.3	63.5
99	62.1	49.7	74.5

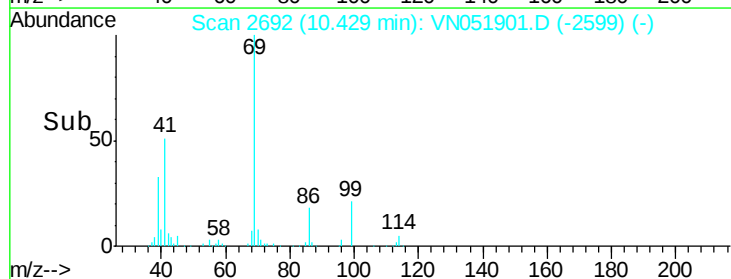
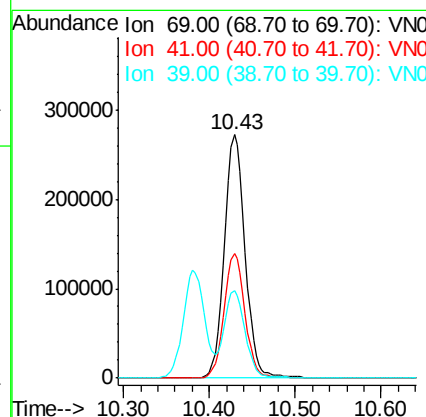
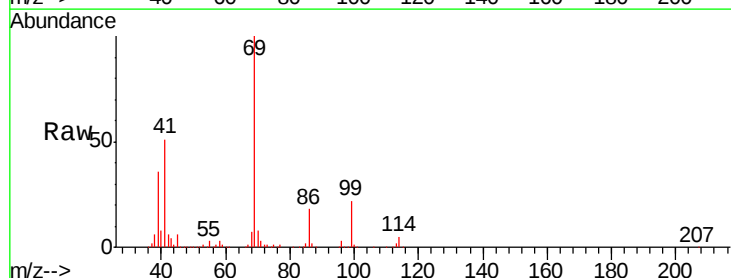
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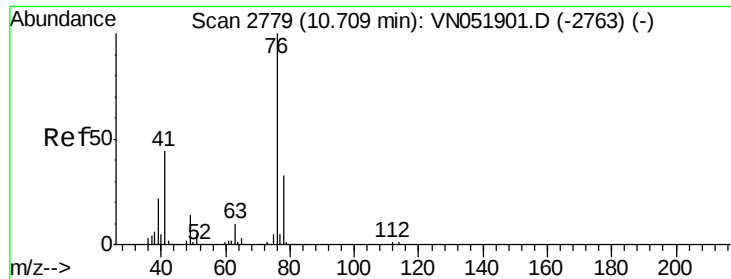
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 54.40 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.8	40.6	61.0
39	36.7	29.4	44.0





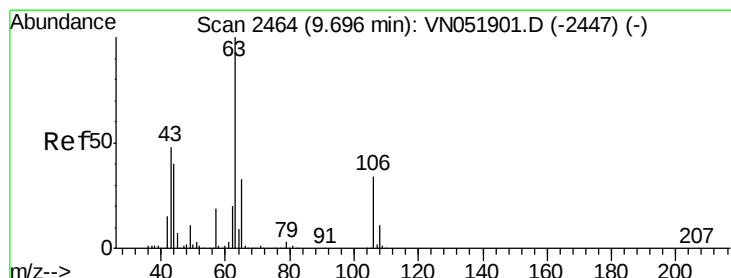
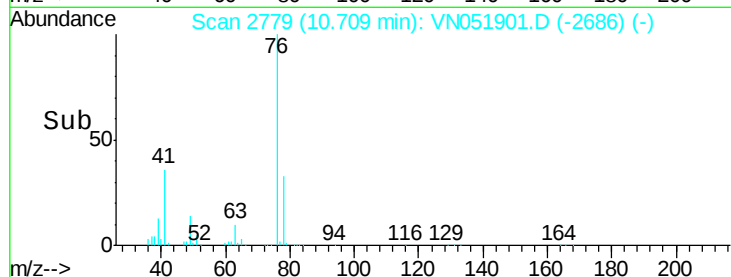
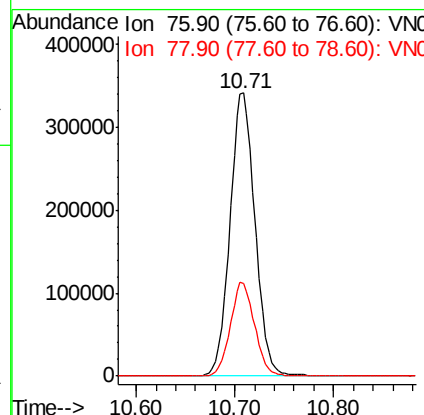
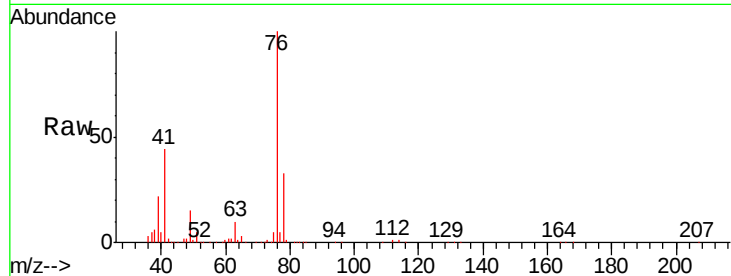
#57
 1,3-Dichloropropane
 Concen: 52.84 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 606206
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

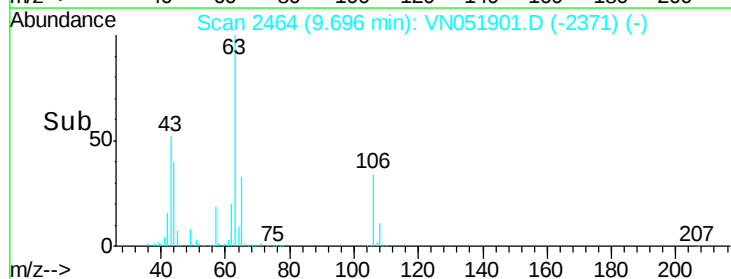
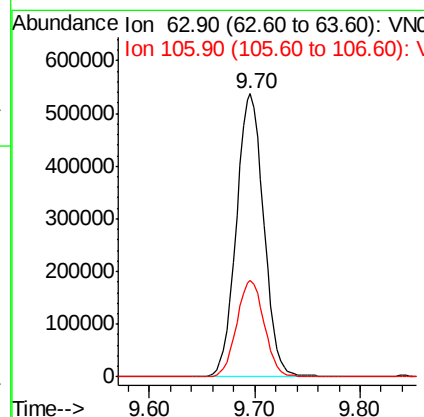
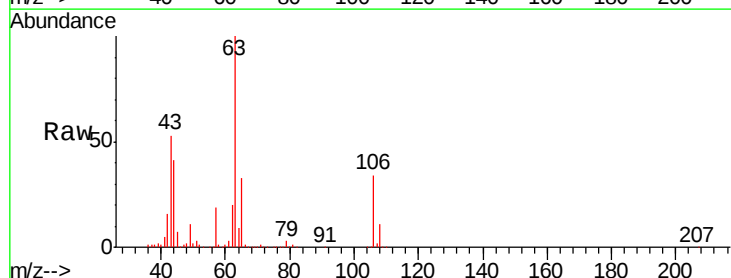
Manual Integrations
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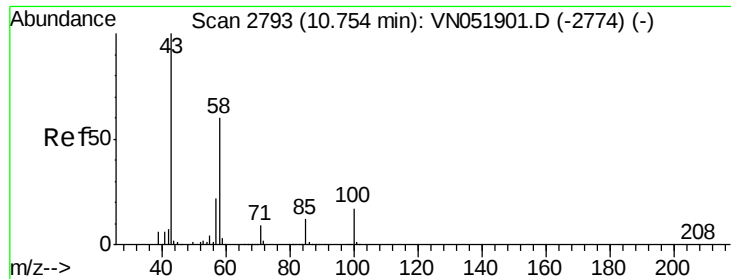
MMDadoda
 10/19/2018 3:29:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.77 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 63 Resp: 966426
 Ion Ratio Lower Upper
 63 100
 106 34.4 27.5 41.3





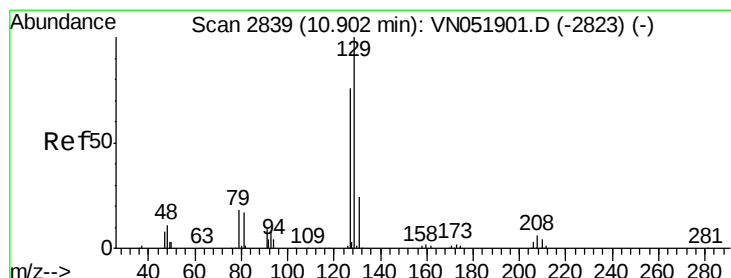
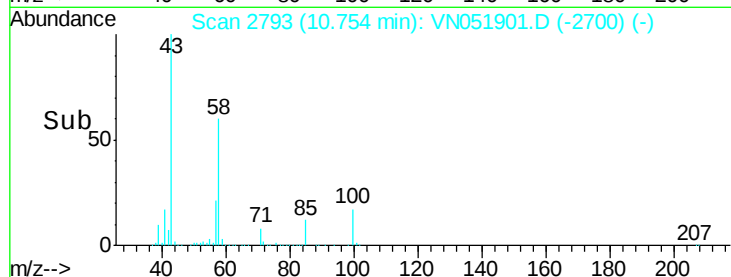
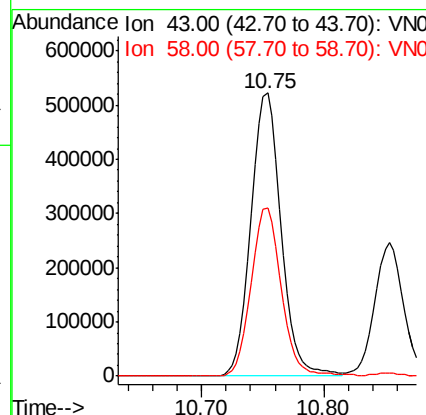
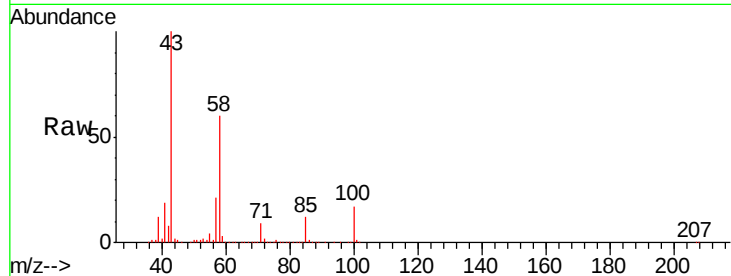
#59
2-Hexanone
Concen: 269.73 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 886027
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5

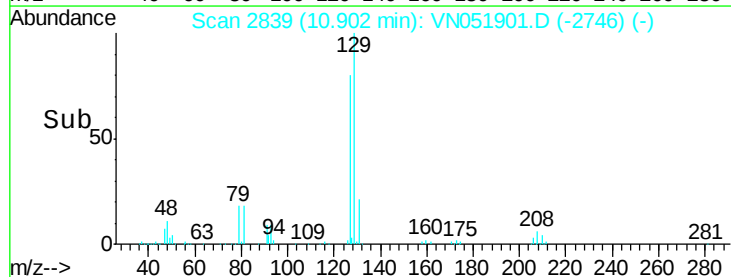
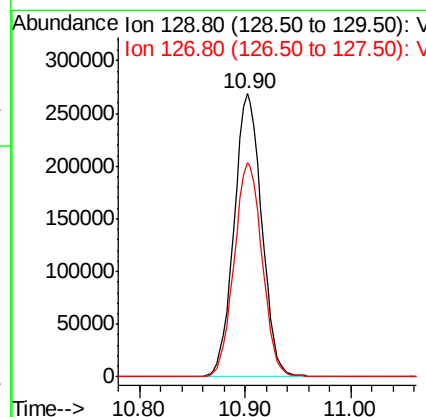
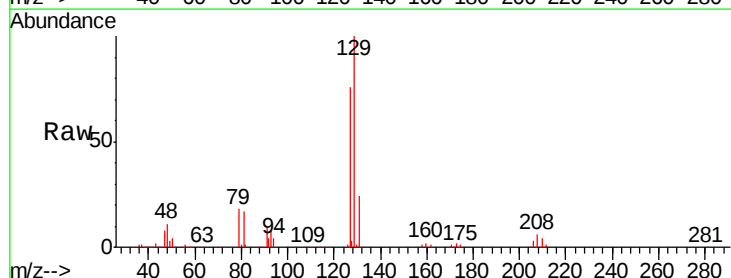
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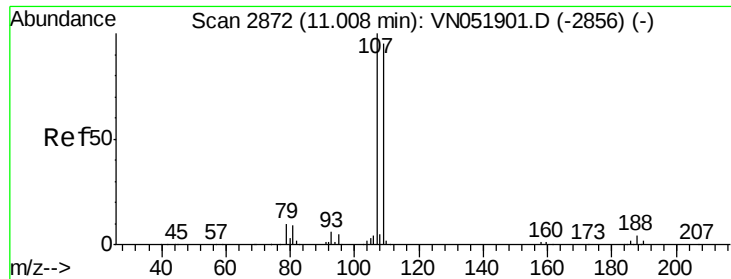
MMDadoda
10/19/2018 3:29:19 PM



#60
Dibromochloromethane
Concen: 55.15 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 129 Resp: 487757
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





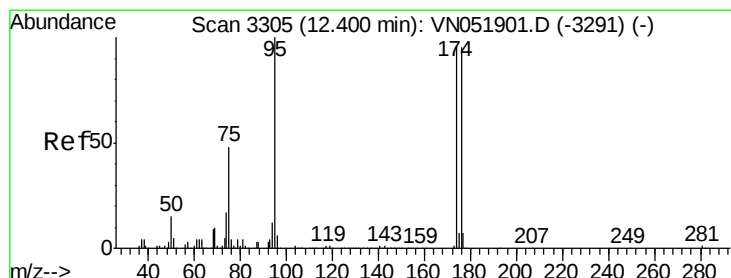
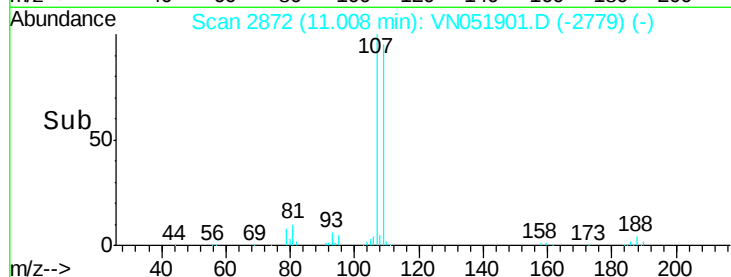
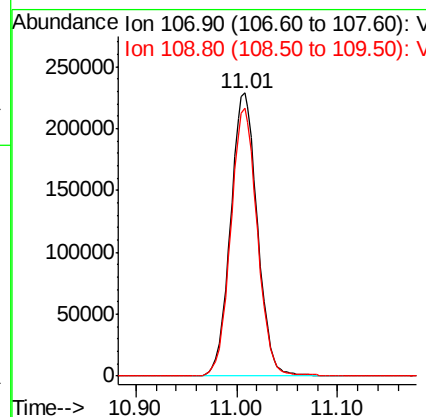
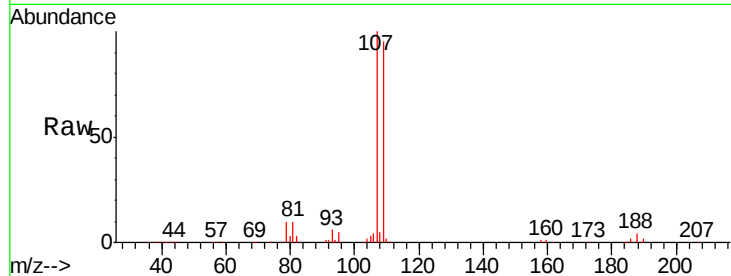
#61
 1,2-Dibromoethane
 Concen: 53.69 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 424382
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6

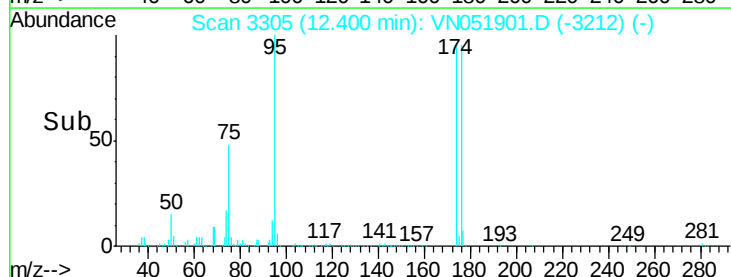
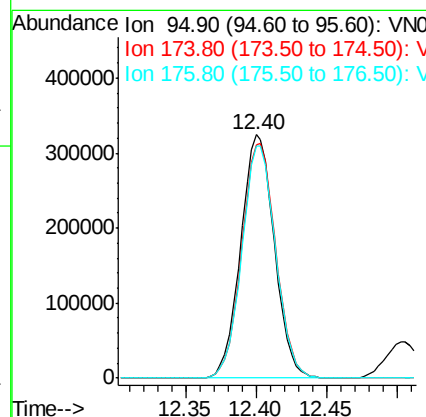
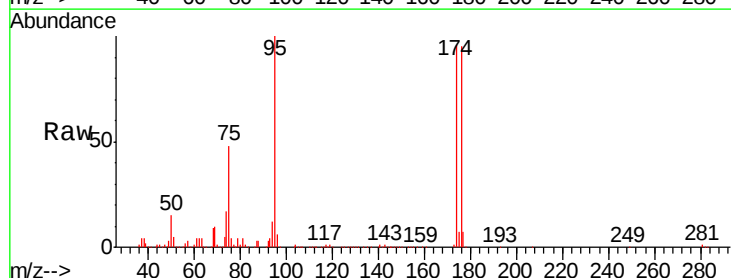
Manual Integrations
 APPROVED

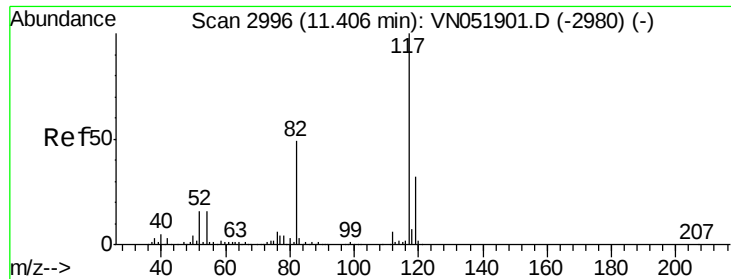
MMDadoda
 10/19/2018 3:29:19 PM



#62
 4-Bromofluorobenzene
 Concen: 53.69 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 95 Resp: 541896
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 195.0
 176 95.7 0.0 191.4





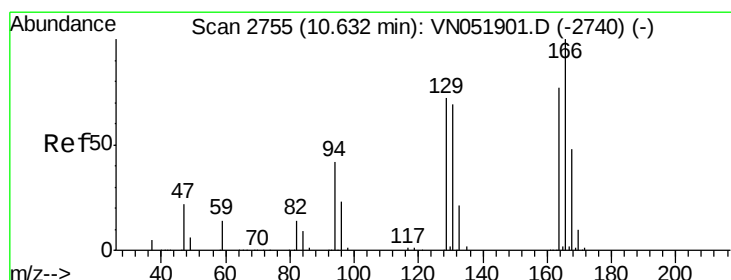
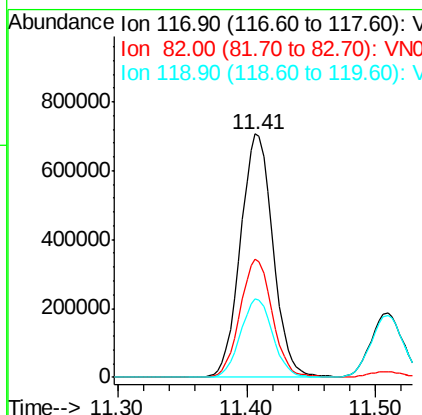
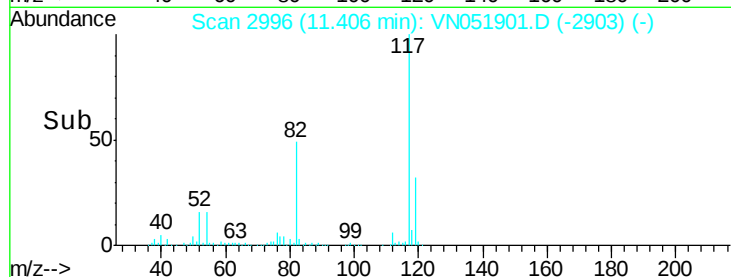
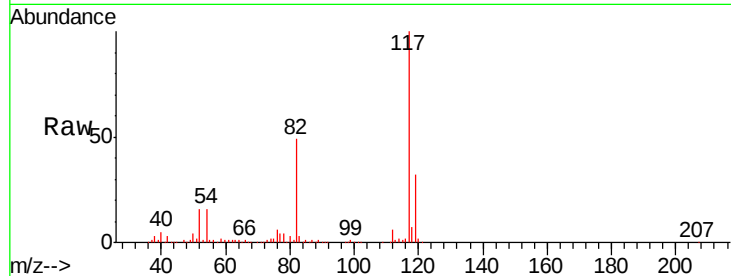
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.6	38.9	58.3
119	32.4	25.9	38.9

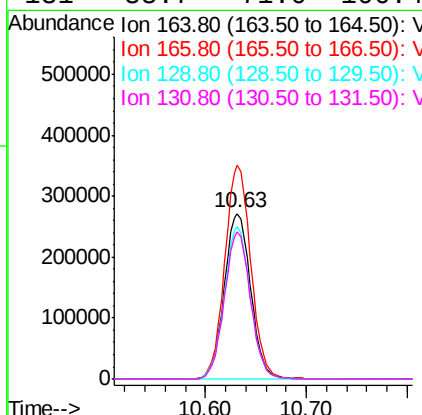
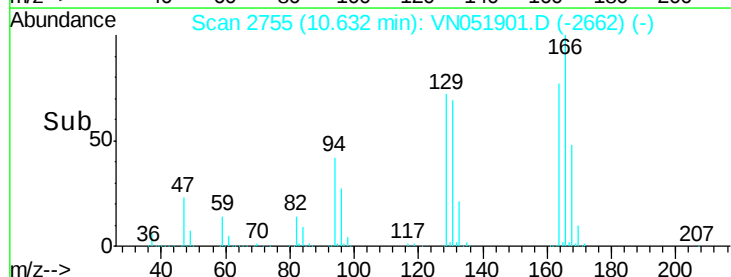
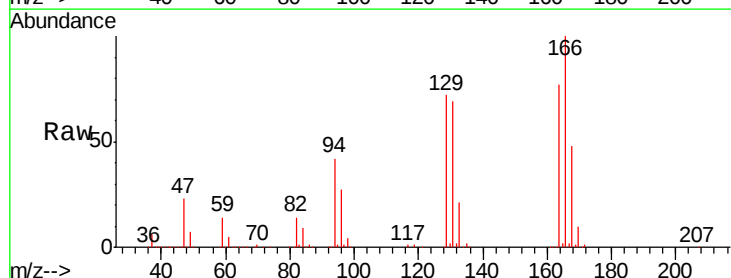
Manual Integrations
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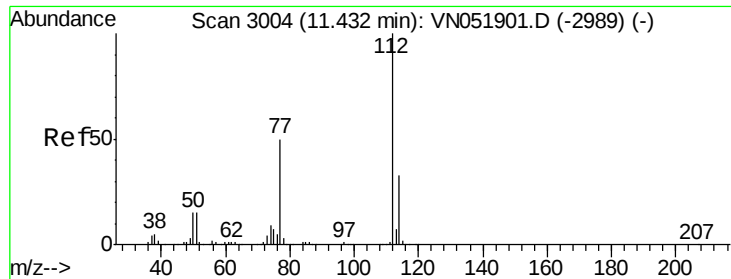
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#64
Tetrachloroethene
Concen: 49.81 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	92.4	73.9	110.9
131	88.7	71.0	106.4





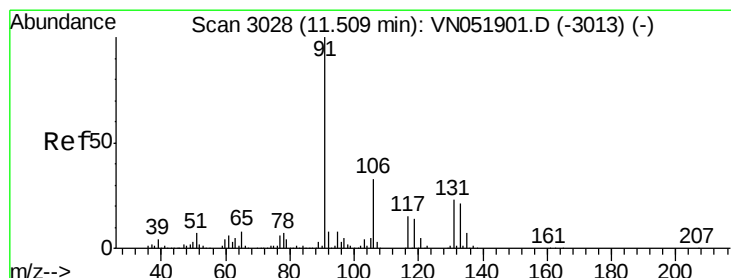
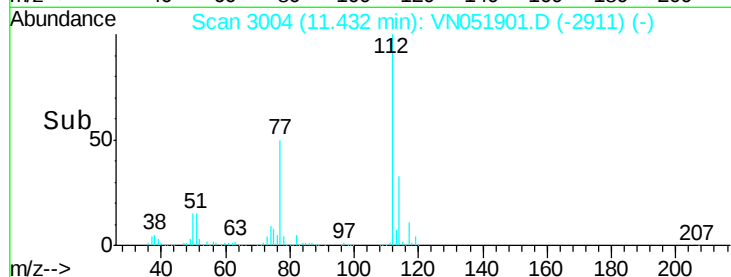
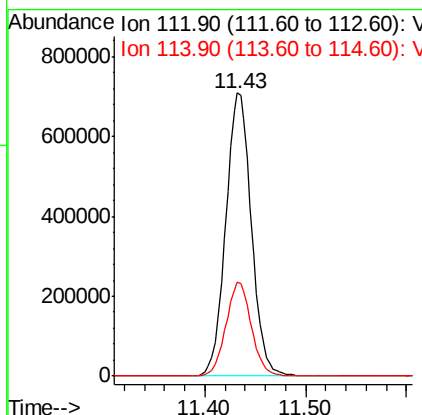
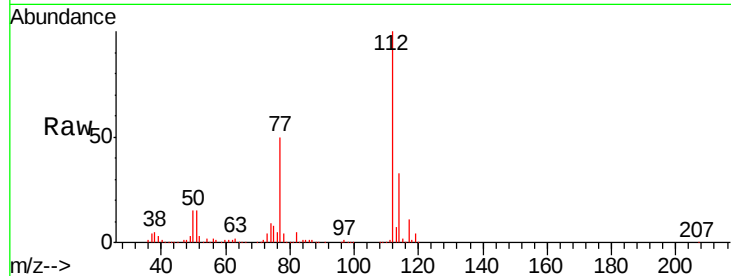
#65
Chlorobenzene
Concen: 50.49 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 1252786
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

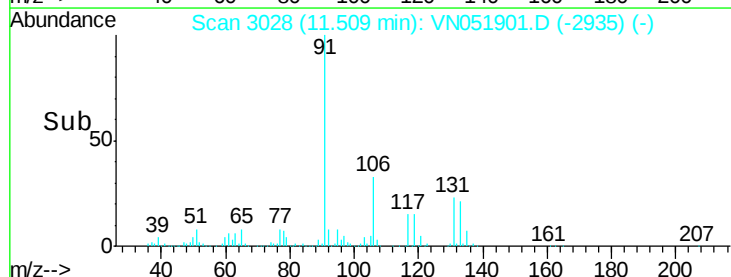
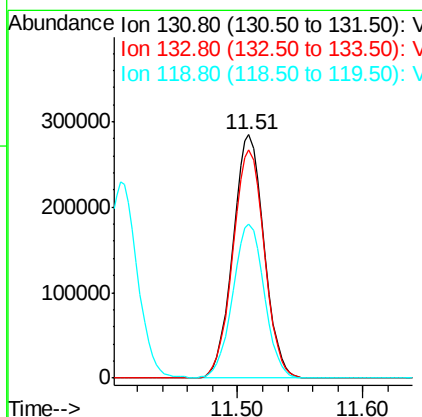
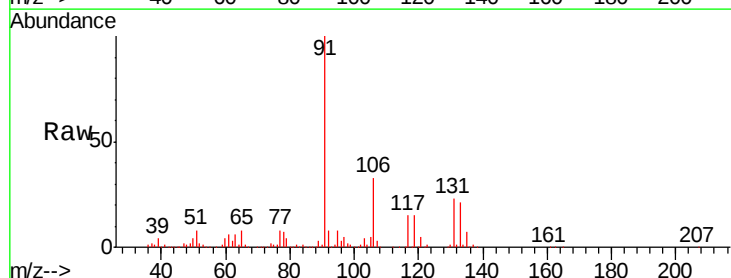
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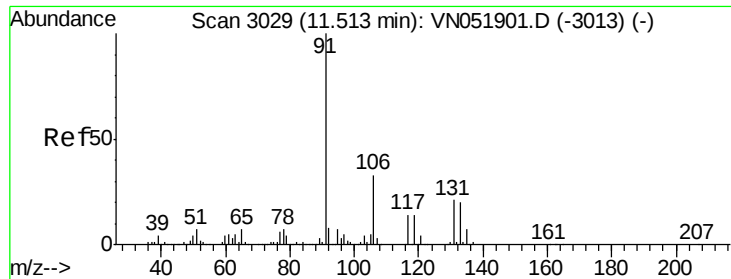
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.11 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion:131 Resp: 490518
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 64.3 32.1 96.5





#67

Ethyl Benzene

Concen: 51.66 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 2100144

Ion Ratio Lower Upper

91 100

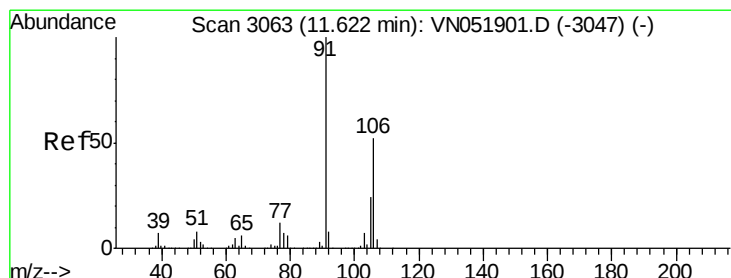
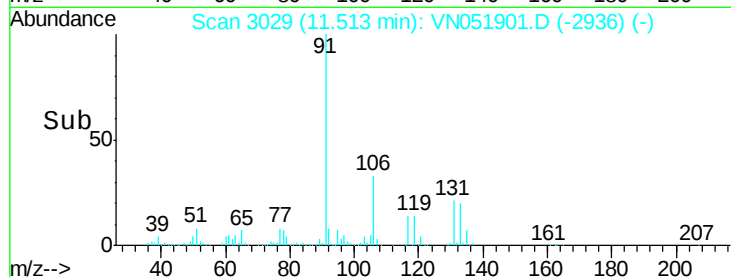
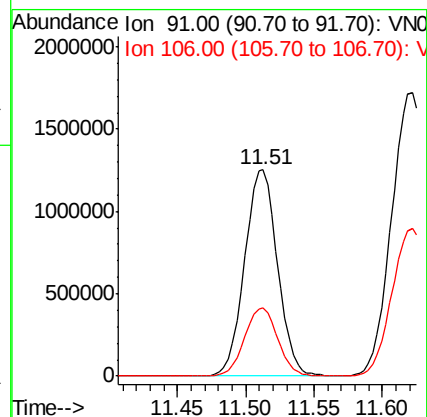
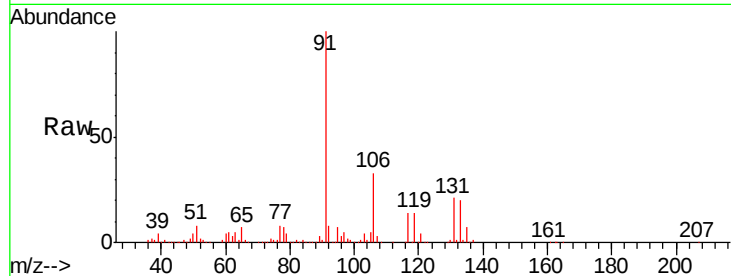
106 33.2 26.6 39.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.08 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051901.D

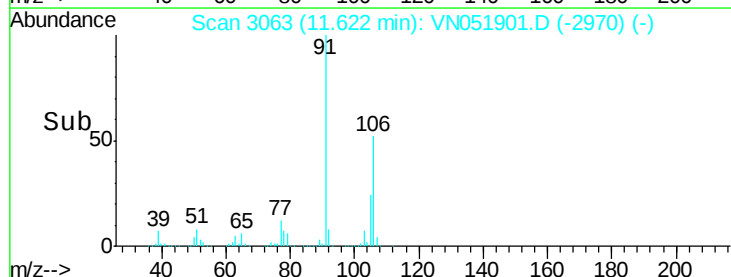
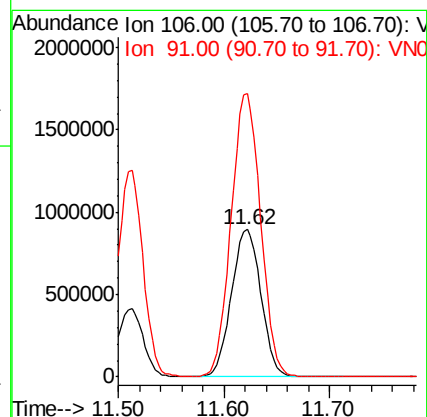
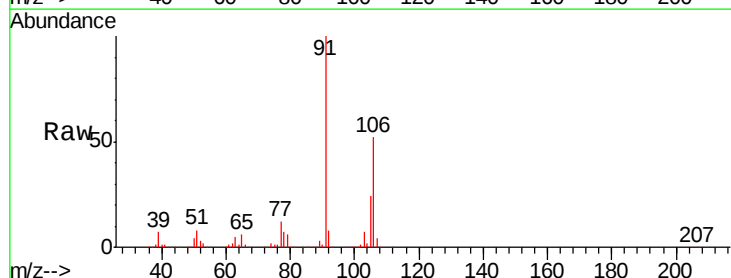
Acq: 17 Oct 2018 10:10

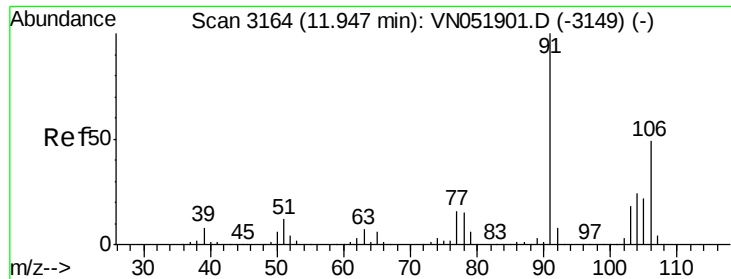
Tgt Ion: 106 Resp: 1731419

Ion Ratio Lower Upper

106 100

91 192.0 153.6 230.4





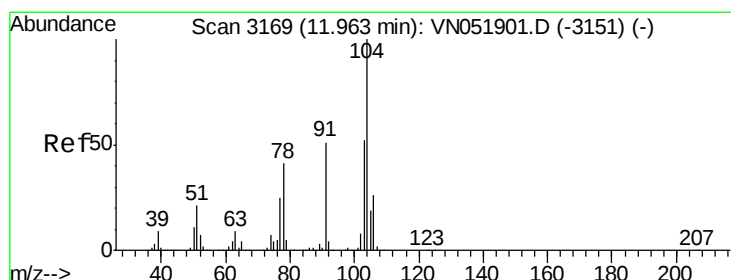
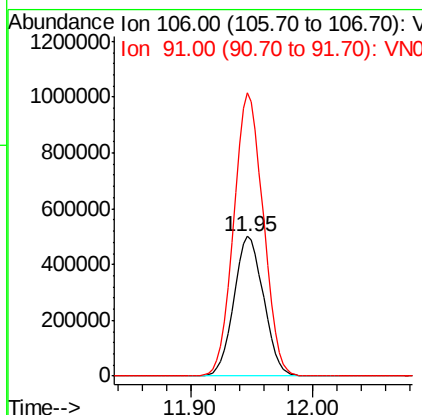
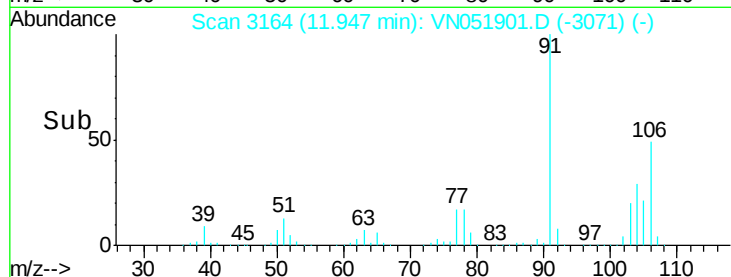
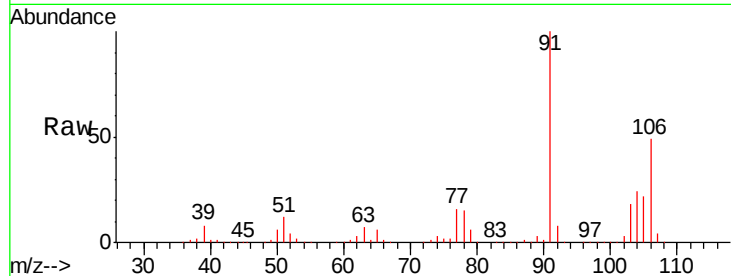
#69
o-Xylene
Concen: 53.19 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 846012
Ion Ratio Lower Upper
106 100
91 201.4 100.7 302.1

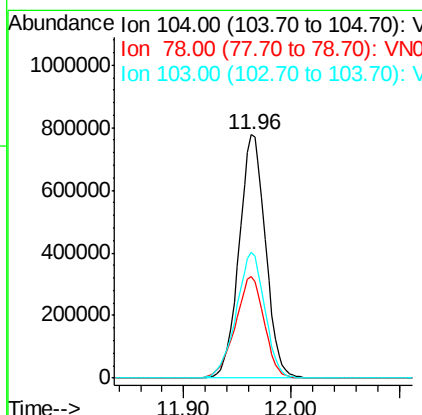
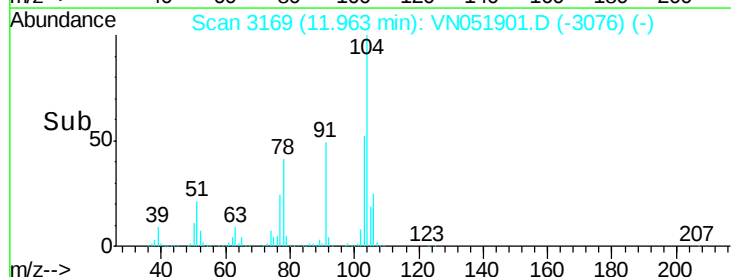
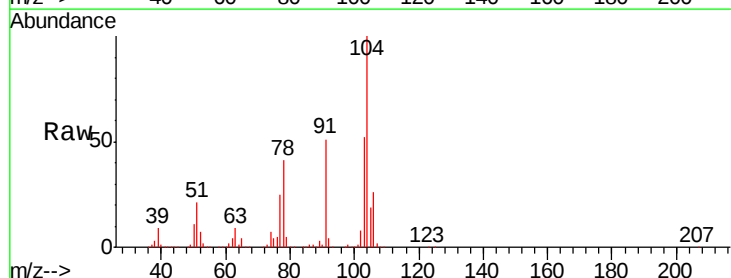
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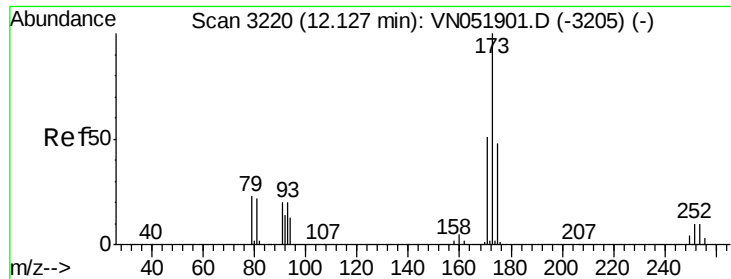
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#70
Styrene
Concen: 54.13 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion:104 Resp: 1324587
Ion Ratio Lower Upper
104 100
78 45.8 36.6 55.0
103 55.8 44.6 67.0





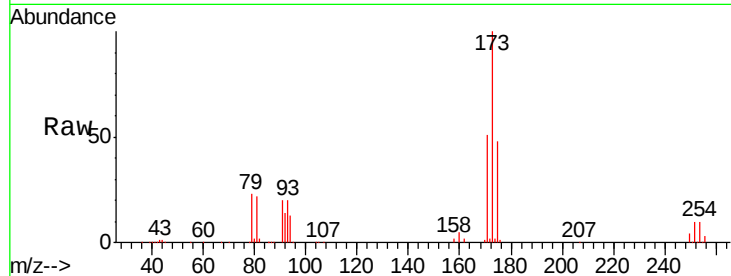
#71
Bromoform
Concen: 56.26 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

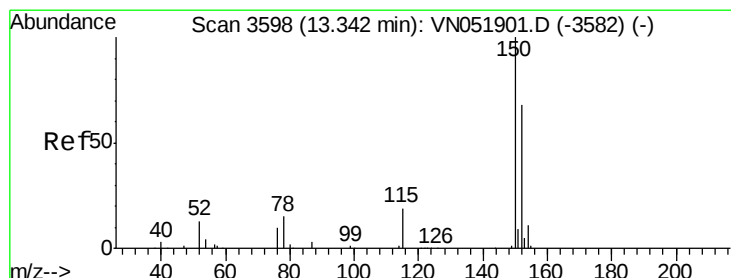
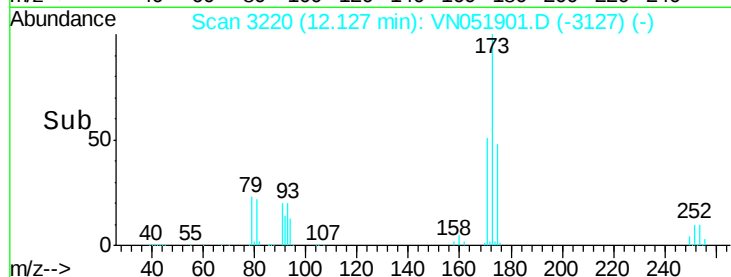
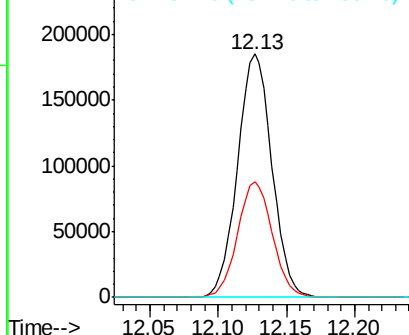
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.2	0.2	0.2

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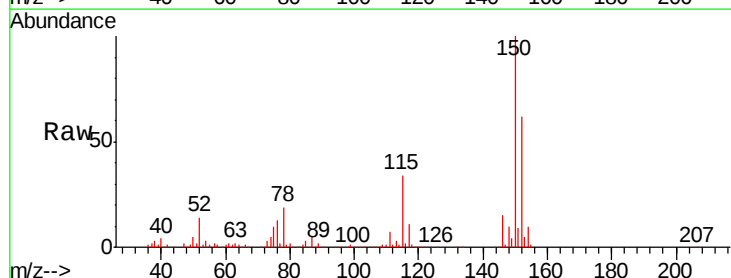


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

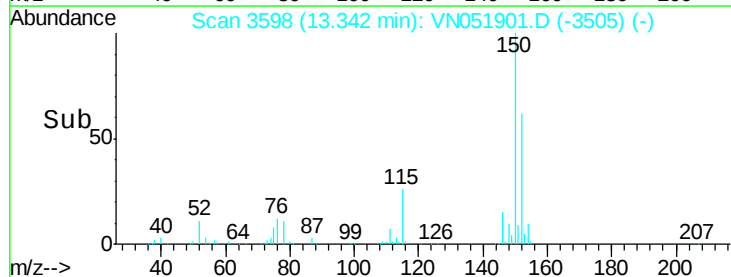
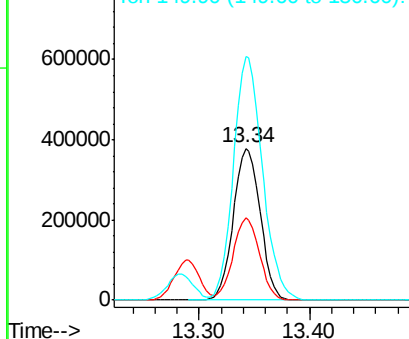


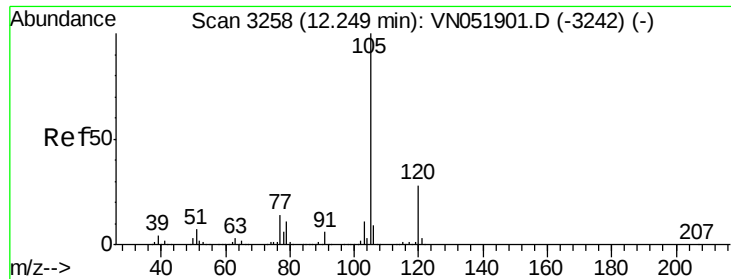
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.7	80.1
150	173.2	0.0	346.4



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: 45.71 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 2262796

Ion Ratio Lower Upper

105 100

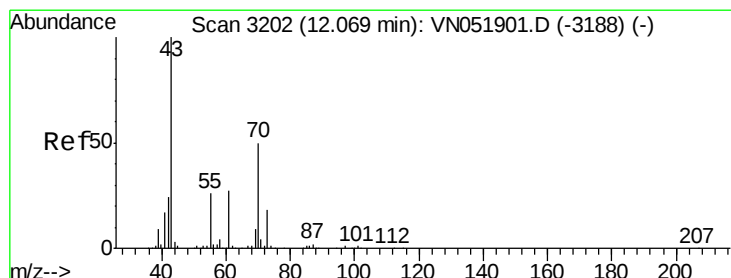
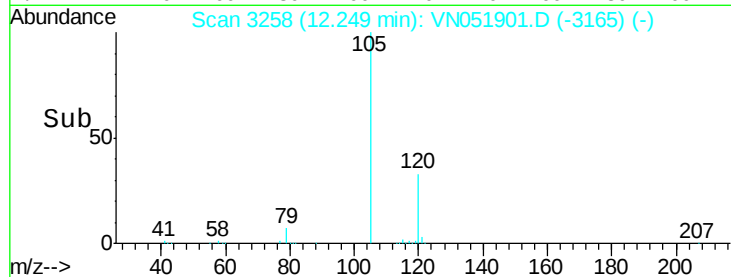
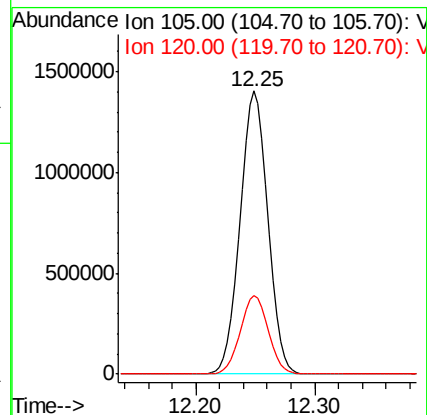
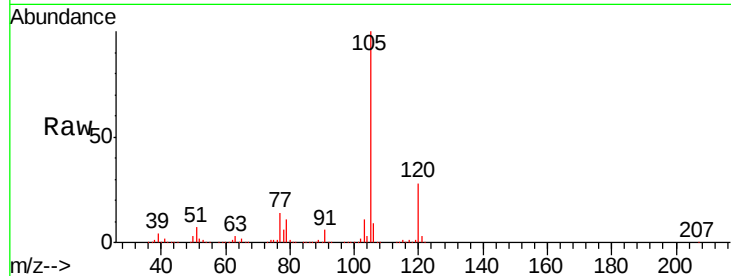
120 27.9 14.0 41.9

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#74

N-ethyl acetate

Concen: 49.70 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 43 Resp: 423035

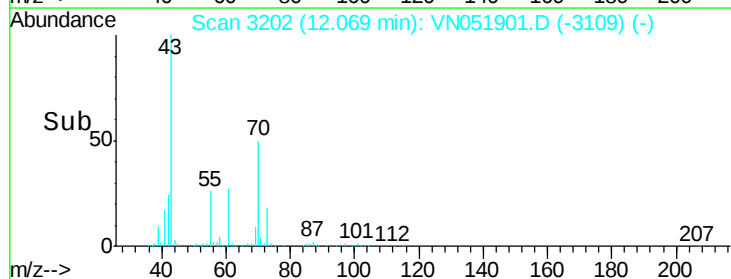
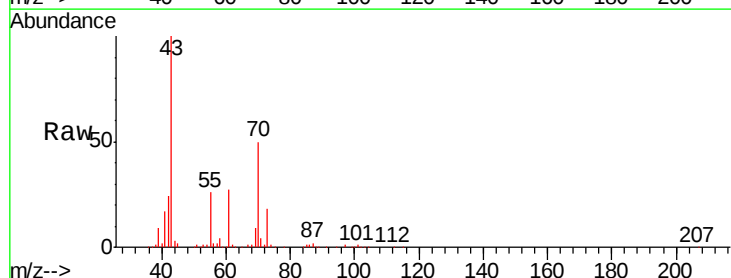
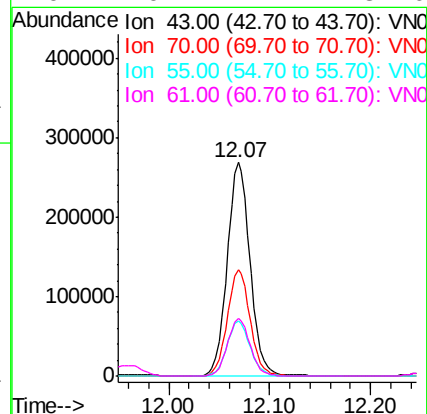
Ion Ratio Lower Upper

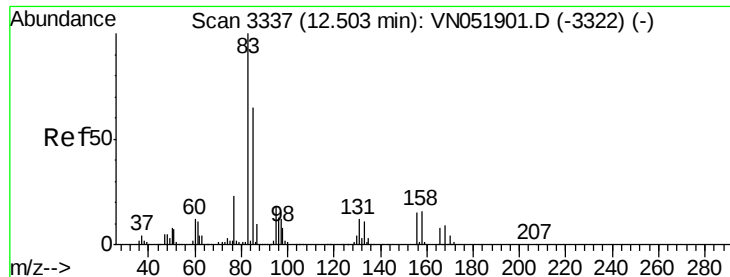
43 100

70 50.1 40.1 60.1

55 26.2 21.0 31.4

61 26.7 21.4 32.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.82 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 468405
Ion Ratio Lower Upper

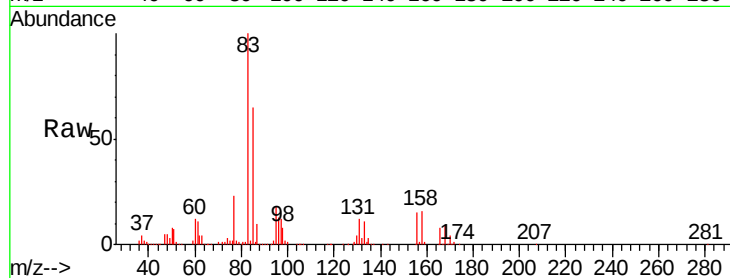
83 100

131 12.4 6.2 18.6

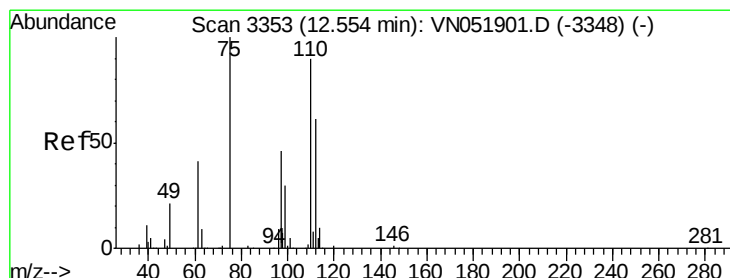
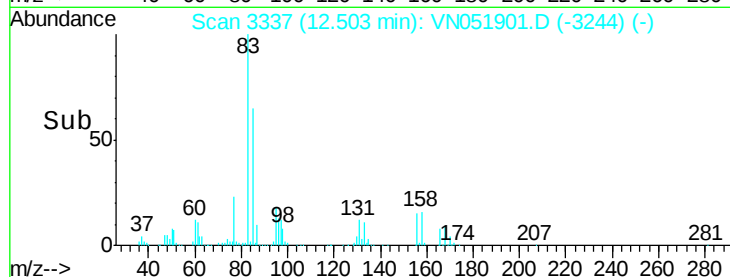
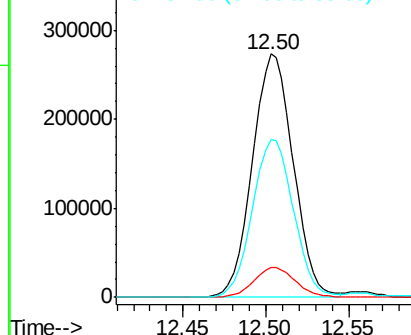
85 65.1 32.6 97.7

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Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-3322) (-)
Ion 130.80 (130.50 to 131.50): VN051901.D (-3322) (-)
Ion 84.90 (84.60 to 85.60): VN051901.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 45.92 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

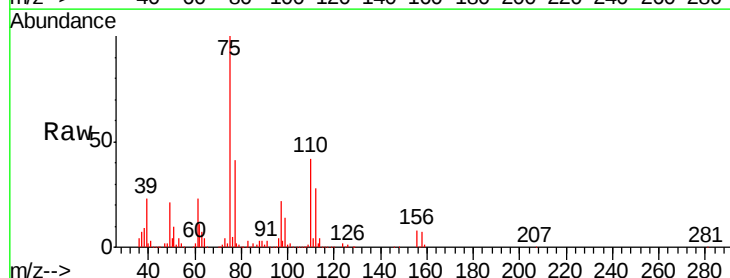
Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

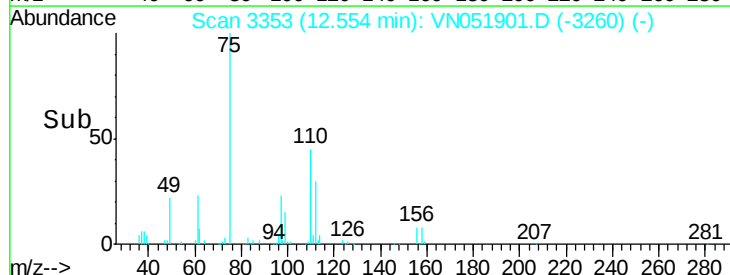
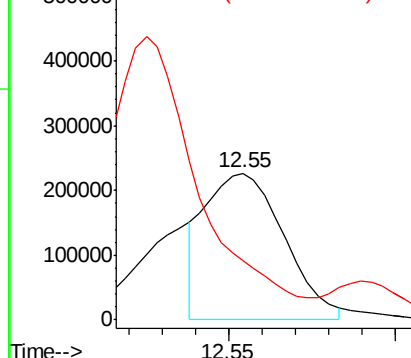
Tgt Ion: 75 Resp: 371349
Ion Ratio Lower Upper

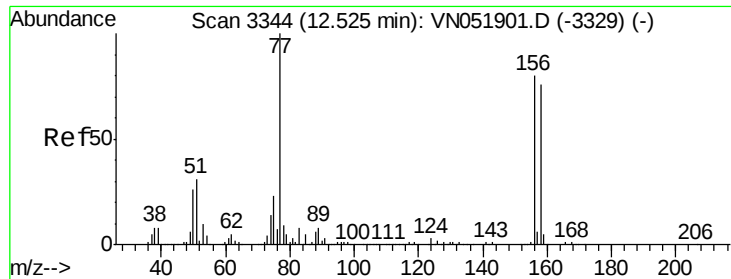
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051901.D (-3348) (-)
Ion 77.00 (76.70 to 77.70): VN051901.D (-3348) (-)





#77

Bromobenzene

Concen: 46.83 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

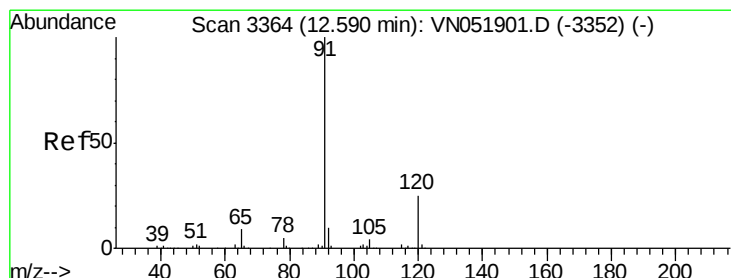
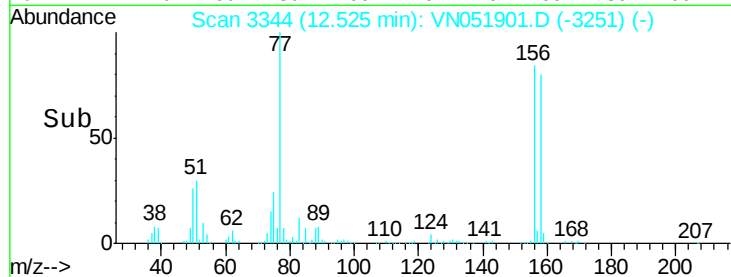
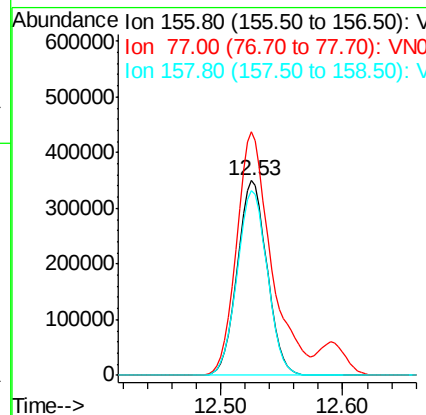
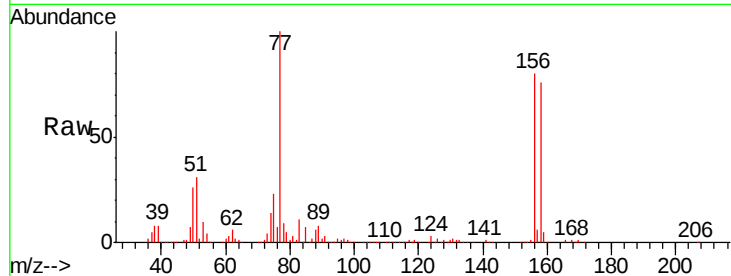
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	146.0	73.0	219.0
158	96.7	48.4	145.0

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#78

n-propylbenzene

Concen: 47.45 ug/l

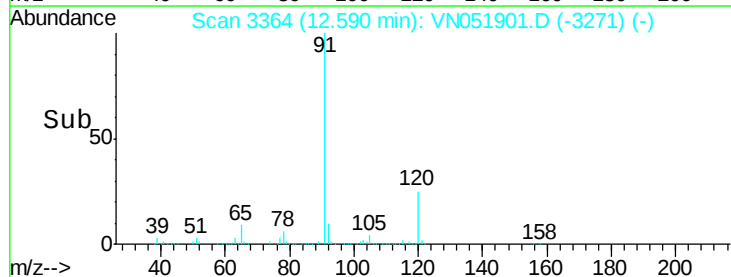
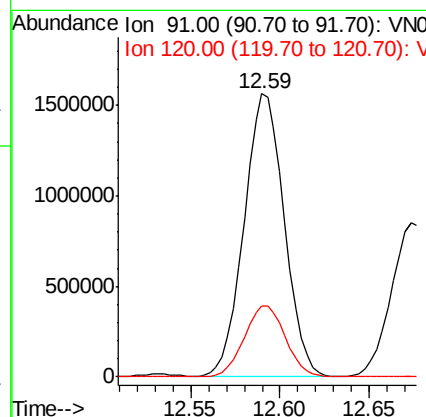
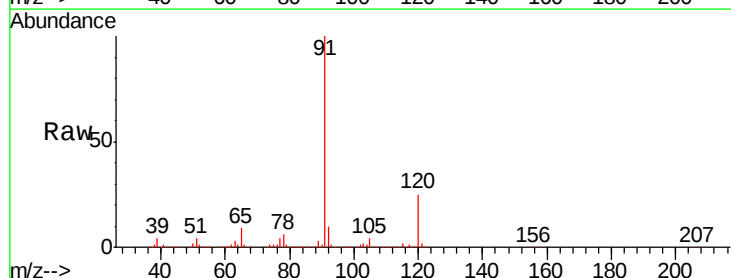
RT: 12.59 min Scan# 3364

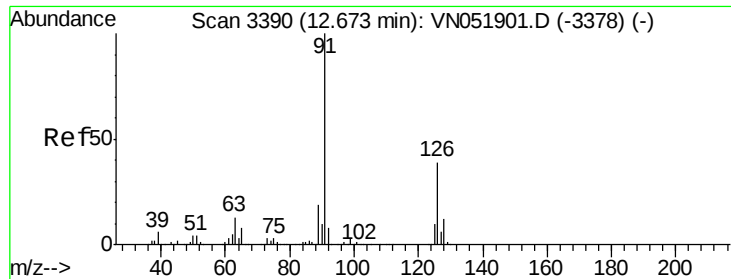
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.8	12.9	38.7





#79

2-Chlorotoluene

Concen: 45.20 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1417520

Ion Ratio Lower Upper

91 100

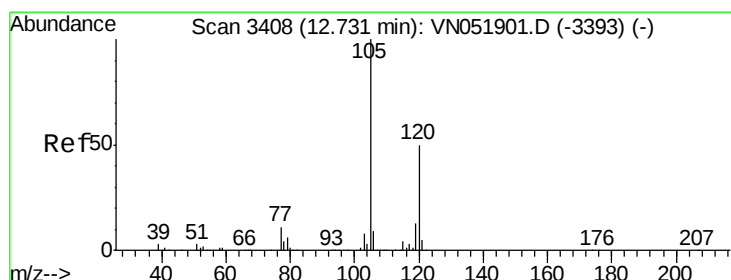
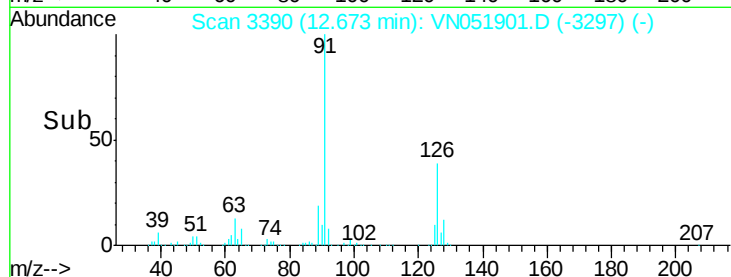
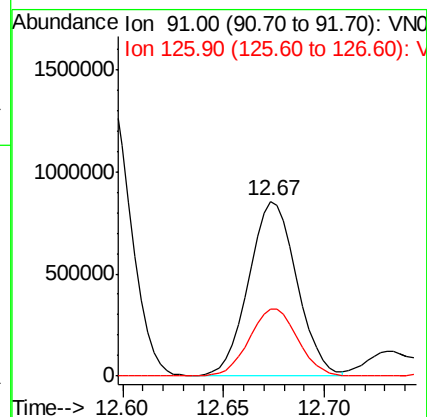
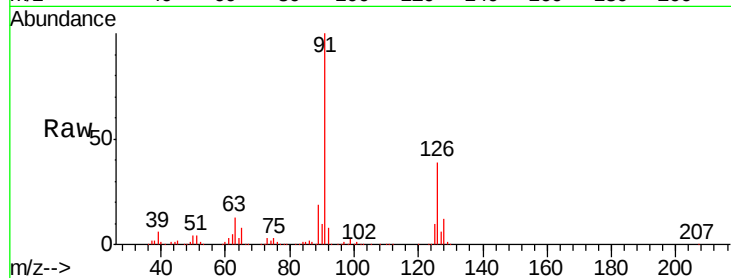
126 39.1 19.6 58.7

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#80

1,3,5-Trimethylbenzene

Concen: 47.26 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051901.D

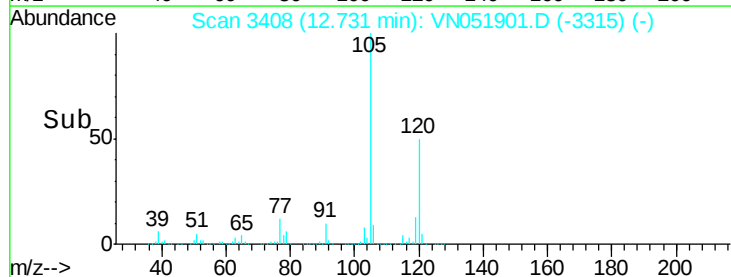
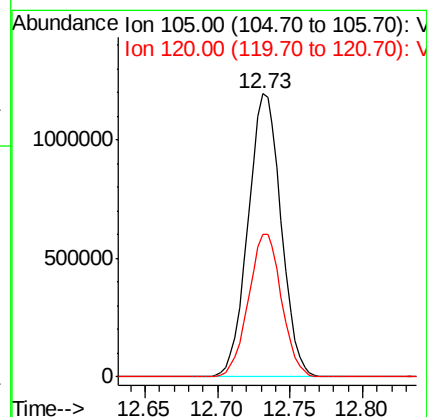
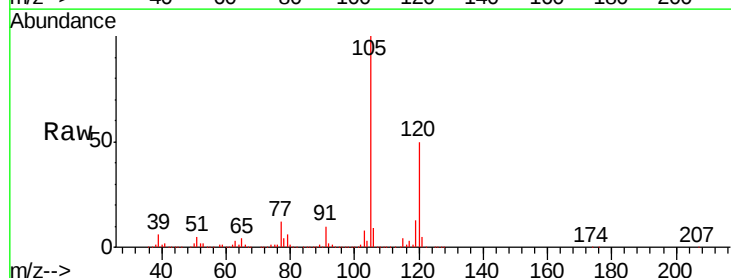
Acq: 17 Oct 2018 10:10

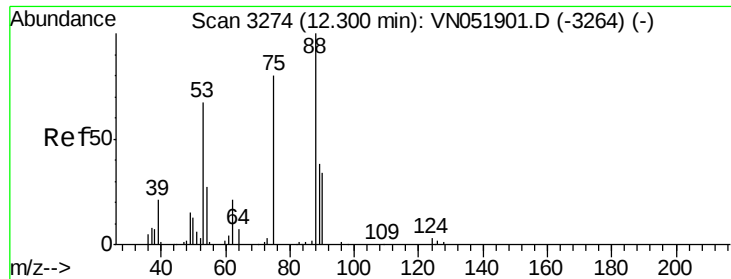
Tgt Ion: 105 Resp: 1891262

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 55.75 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Instrument :

MSVOA_N

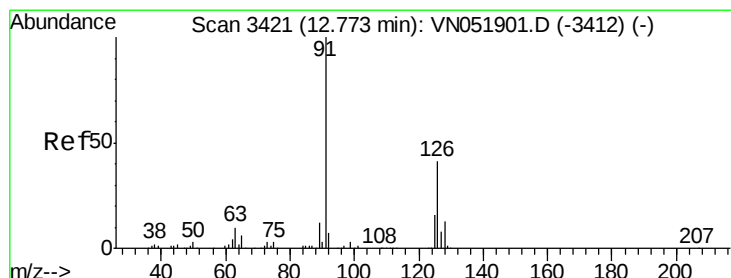
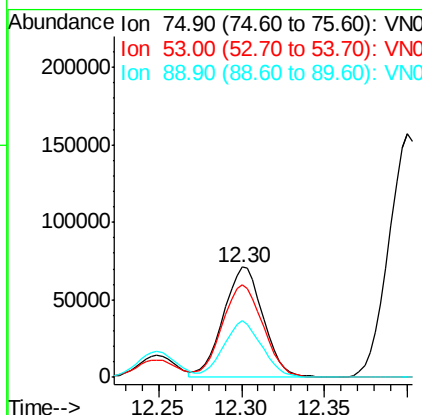
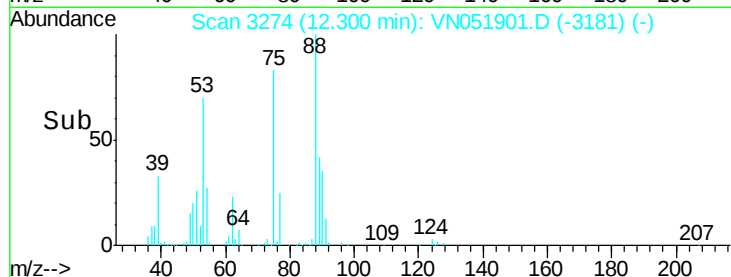
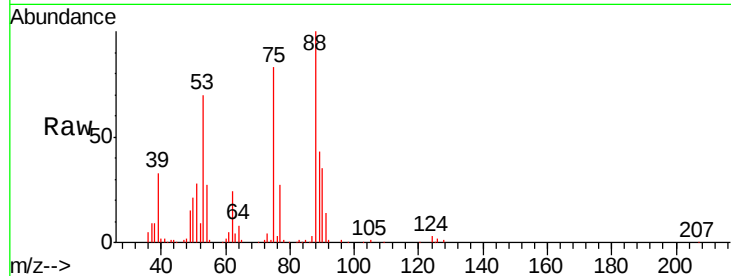
ClientSampleId :

VSTDICCC050

Tgt Ion:	75	Resp:	119750
Ion	Ratio	Lower	Upper
75	100		
53	85.6	68.5	102.7
89	48.8	39.0	58.6

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#82

4-Chlorotoluene

Concen: 47.61 ug/l

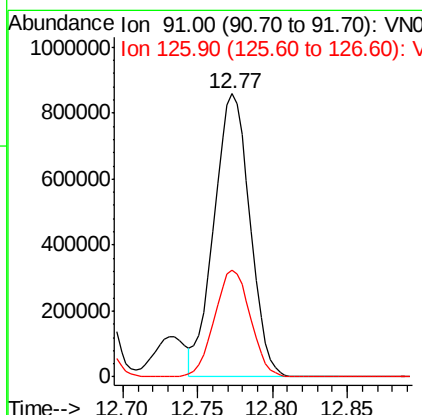
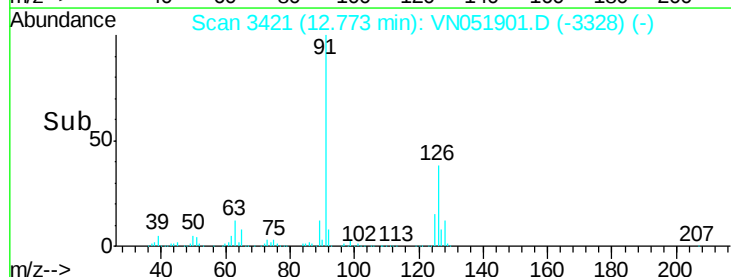
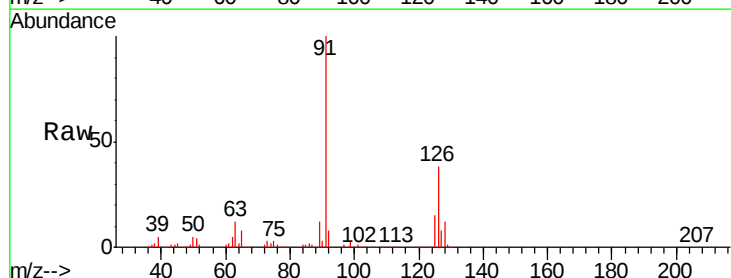
RT: 12.77 min Scan# 3421

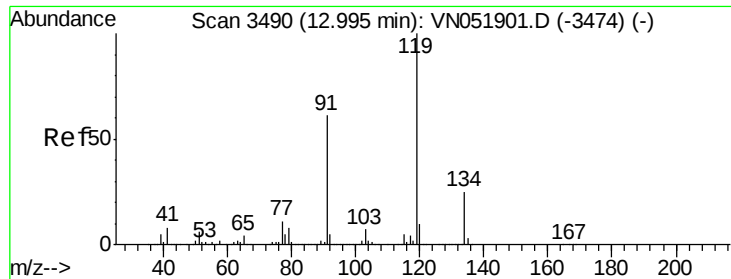
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion:	91	Resp:	1433852
Ion	Ratio	Lower	Upper
91	100		
126	37.8	18.9	56.7





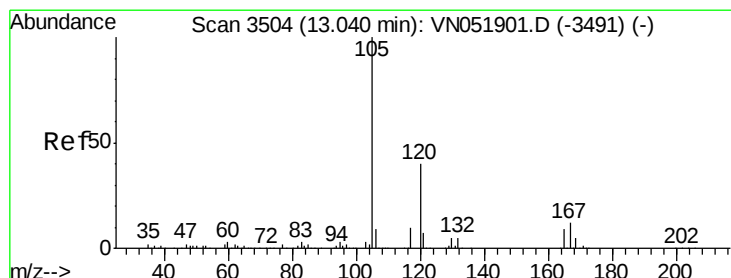
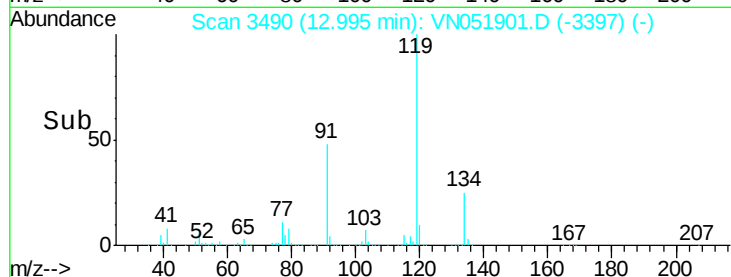
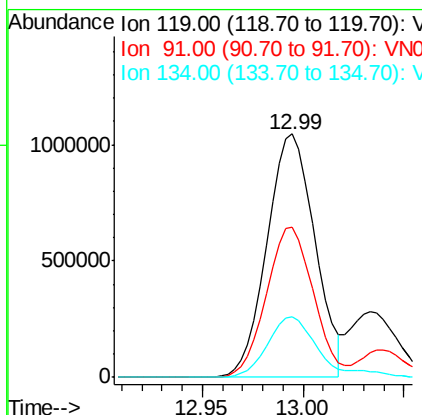
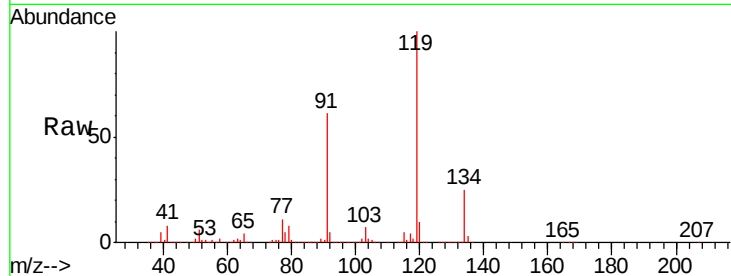
#83
 tert-Butylbenzene
 Concen: 45.80 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 1722150
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.3 90.9
 134 26.7 13.4 40.1

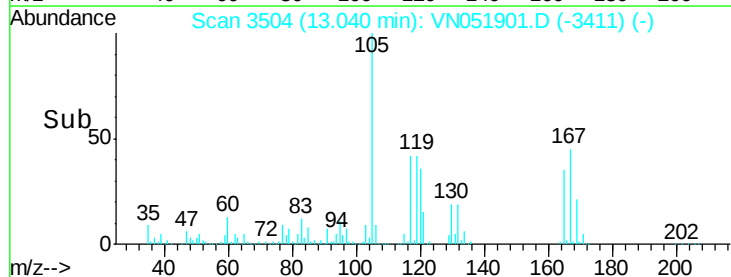
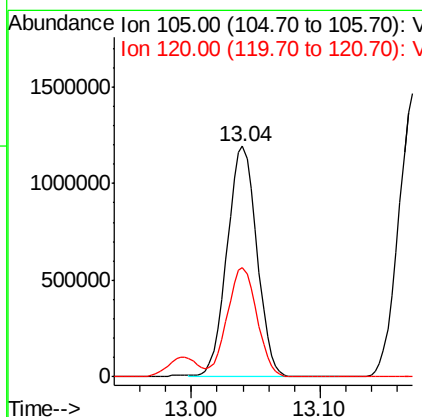
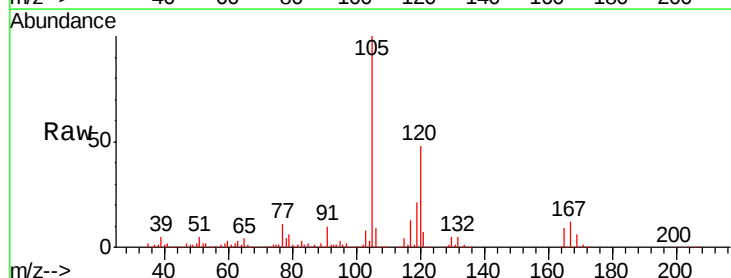
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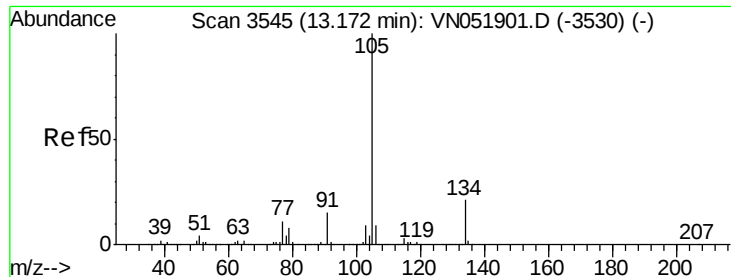
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.55 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion:105 Resp: 1910324
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.8 71.4





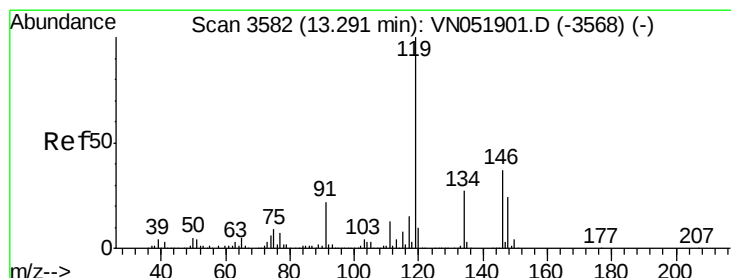
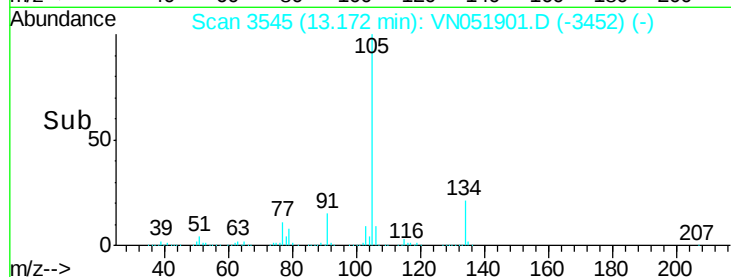
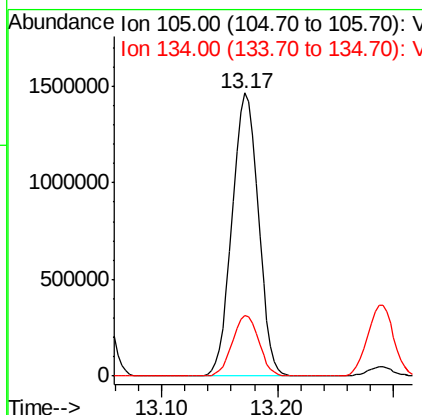
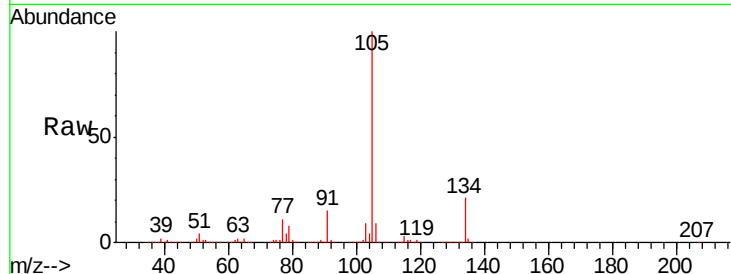
#85
 sec-Butylbenzene
 Concen: 48.07 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 2298048
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3

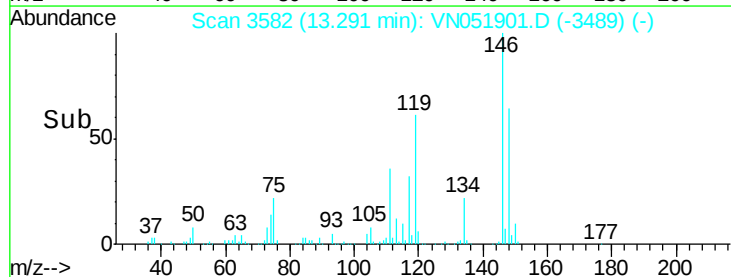
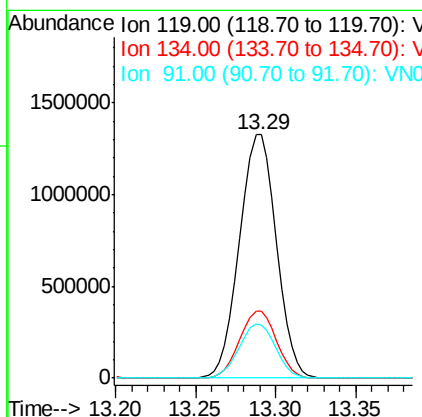
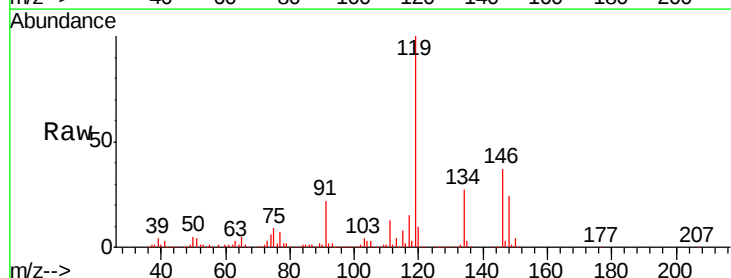
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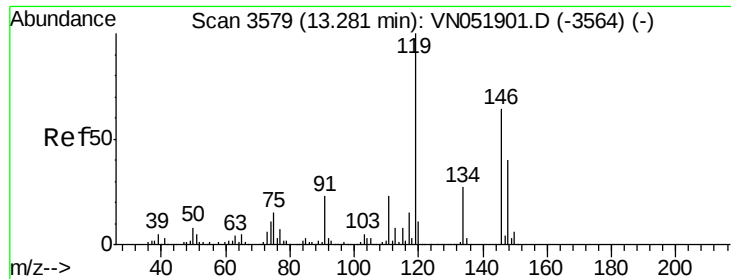
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#86
 p-Isopropyltoluene
 Concen: 50.22 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion:119 Resp: 2080687
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 21.9 10.9 32.9





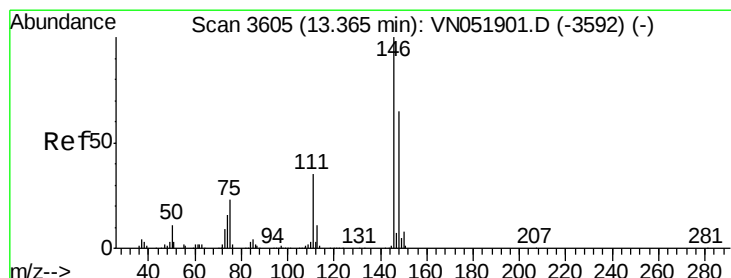
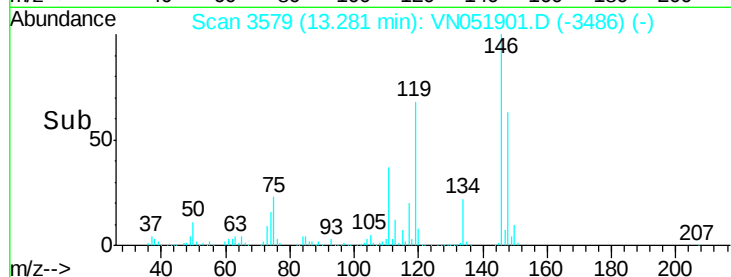
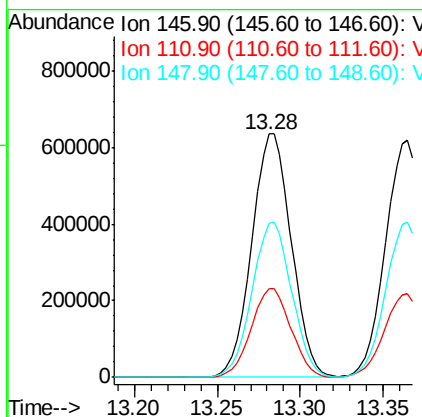
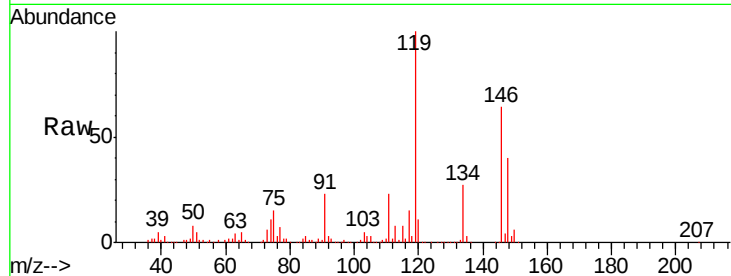
#87
 1,3-Dichlorobenzene
 Concen: 49.72 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 1055584
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 63.8 31.9 95.7

Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 48.91 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion:146 Resp: 1020708
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.7
 148 65.5 32.8 98.3

