

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049889.D
 Acq On : 18 Jul 2018 23:15
 Operator : MD\SY
 Sample : VN0718WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Manual Integrations
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 7/19/2018 4:30:03 PM

Quant Time: Jul 19 06:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425406	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	372216	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1361231	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	444000	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109006	19.62	ug/l	97
3) Chloromethane	2.06	50	147385	18.51	ug/l	99
4) Vinyl Chloride	2.18	62	161901	19.06	ug/l	100
5) Bromomethane	2.56	94	101847	20.31	ug/l	98
6) Chloroethane	2.70	64	103525	18.66	ug/l	99
7) Trichlorofluoromethane	3.01	101	221228	18.95	ug/l	100
8) Diethyl Ether	3.41	74	81897	20.10	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	132676	18.43	ug/l	100
10) Methyl Iodide	3.95	142	176852	18.31	ug/l	98
11) Tert butyl alcohol	4.81	59	58931	103.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	118958	18.81	ug/l	99
13) Acrolein	3.61	56	33953	92.23	ug/l	96
14) Allyl chloride	4.32	41	189720	19.03	ug/l	99
15) Acrylonitrile	4.99	53	258230	102.78	ug/l	97
16) Acetone	3.82	43	195966	94.39	ug/l	98
17) Carbon Disulfide	4.04	76	341880	18.06	ug/l	99
18) Methyl Acetate	4.33	43	152417	22.92	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	361873	20.79	ug/l	97
20) Methylene Chloride	4.55	84	146322	18.53	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	132374	19.71	ug/l	99
22) Diisopropyl ether	5.96	45	426632	20.97	ug/l	100
23) Vinyl Acetate	5.90	43	1469223	102.91	ug/l	100
24) 1,1-Dichloroethane	5.85	63	259791	19.89	ug/l	98
25) 2-Butanone	6.84	43	303250	102.20	ug/l	99
26) 2,2-Dichloropropane	6.83	77	174770	17.20	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	148317	20.12	ug/l	97
28) Bromochloromethane	7.20	49	116161	19.69	ug/l	98
29) Tetrahydrofuran	7.22	42	199975	106.98	ug/l	100
30) Chloroform	7.37	83	265556	19.80	ug/l	100
31) Cyclohexane	7.65	56	206036	19.38	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	225427	19.45	ug/l	100
36) 1,1-Dichloropropene	7.79	75	186313	18.75	ug/l	99
37) Ethyl Acetate	6.94	43	135012	19.78	ug/l	99
38) Carbon Tetrachloride	7.77	117	199176	18.71	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	180895	17.62	ug/l	95
40) Benzene	8.04	78	586820	19.37	ug/l	99
41) Methacrylonitrile	7.17	41	63351	18.52	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	194885	19.43	ug/l	99
43) Isopropyl Acetate	8.17	43	256620	21.52	ug/l	100
44) Trichloroethene	8.83	130	150794	18.99	ug/l	98
45) 1,2-Dichloropropane	9.12	63	156418	19.14	ug/l	100
46) Dibromomethane	9.21	93	97609	19.26	ug/l	98
47) Bromodichloromethane	9.40	83	202227	19.30	ug/l	96
48) Methyl methacrylate	9.20	41	117342	19.62	ug/l	98
49) 1,4-Dioxane	9.20	88	33890	399.45	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	699444	104.95	ug/l	99
52) Toluene	10.16	92	358415	19.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193881	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219261	19.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140616	18.84	ug/l	99
56) Ethyl methacrylate	10.43	69	169663	18.35	ug/l	97
57) 1,3-Dichloropropane	10.71	76	226991	19.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	411895	103.59	ug/l	100
59) 2-Hexanone	10.75	43	463927	103.63	ug/l	98
60) Dibromochloromethane	10.90	129	153829	18.79	ug/l	97
61) 1,2-Dibromoethane	11.01	107	137588	19.73	ug/l	100
64) Tetrachloroethene	10.63	164	139511	19.51	ug/l	99
65) Chlorobenzene	11.43	112	385804	19.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	149581	19.31	ug/l	99
67) Ethyl Benzene	11.51	91	629677	19.41	ug/l	100
68) m/p-Xylenes	11.62	106	496065	40.40	ug/l	99
69) o-Xylene	11.95	106	232769	19.74	ug/l	99
70) Styrene	11.96	104	384239	20.11	ug/l	99
71) Bromoform	12.13	173	110596	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	626103	19.94	ug/l	99
74) N-amyl acetate	12.07	43	194159	20.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	186781	19.86	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	151538m	19.55	ug/l	
77) Bromobenzene	12.53	156	168038	19.38	ug/l	98
78) n-propylbenzene	12.59	91	715205	20.04	ug/l	100
79) 2-Chlorotoluene	12.68	91	438321	20.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	514433	20.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46017	18.56	ug/l	96
82) 4-Chlorotoluene	12.77	91	444269	20.21	ug/l	100
83) tert-Butylbenzene	12.99	119	432090	19.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	529805	20.79	ug/l	100
85) sec-Butylbenzene	13.17	105	588969	20.17	ug/l	100
86) p-Isopropyltoluene	13.29	119	503127	20.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294045	19.47	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	286723	18.93	ug/l	100
89) n-Butylbenzene	13.62	91	385523	18.76	ug/l	99
90) Hexachloroethane	13.87	117	101520	18.17	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	292643	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27863	19.17	ug/l	96

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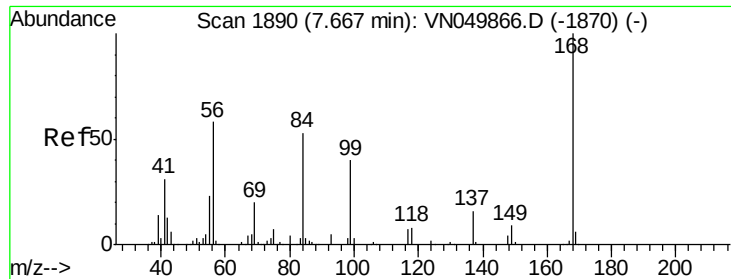
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	130475	18.30	ug/l	100
94) Hexachlorobutadiene	15.01	225	86936	17.86	ug/l	97
95) Naphthalene	15.14	128	285242	17.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	137971	19.37	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion:168 Resp: 583431

Ion Ratio Lower Upper

168 100

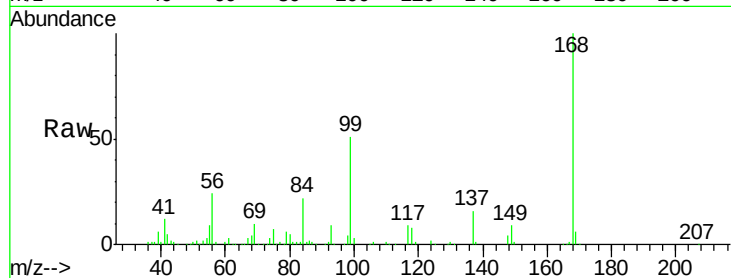
99 50.5 40.6 61.0

Manual Integrations

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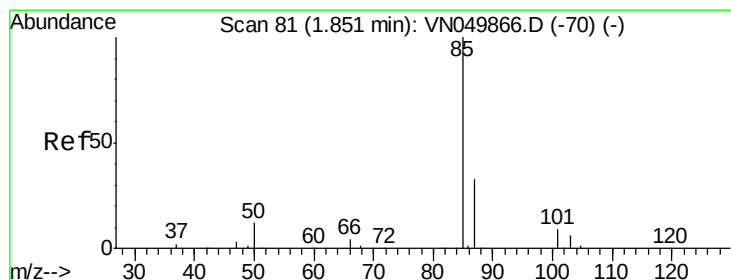
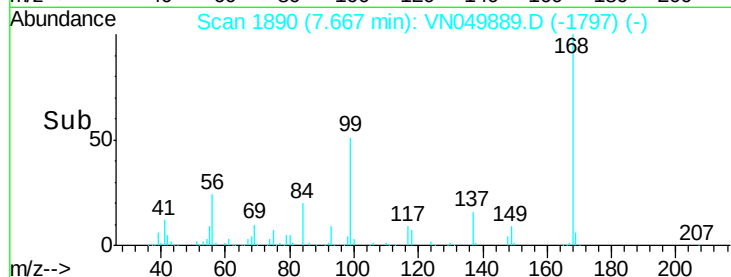
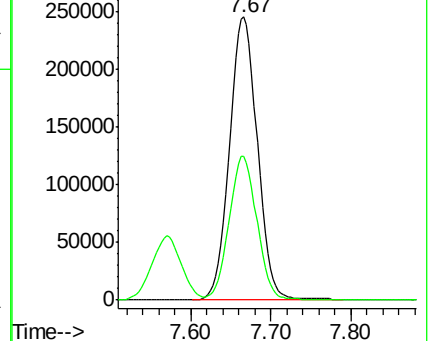
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.62 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049889.D

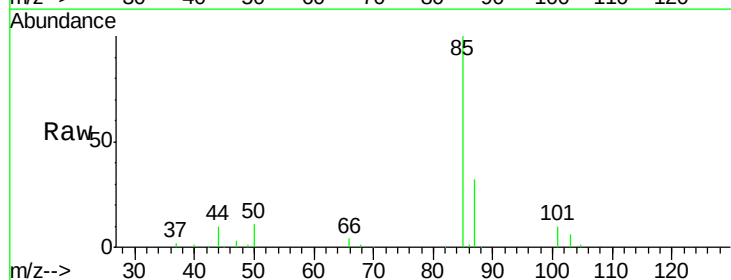
Acq: 18 Jul 2018 23:15

Tgt Ion: 85 Resp: 109006

Ion Ratio Lower Upper

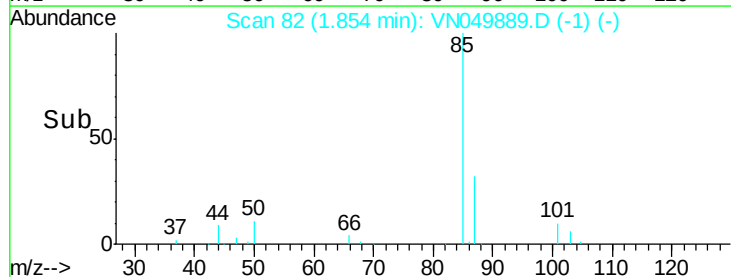
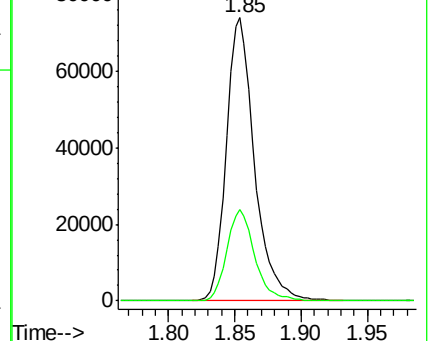
85 100

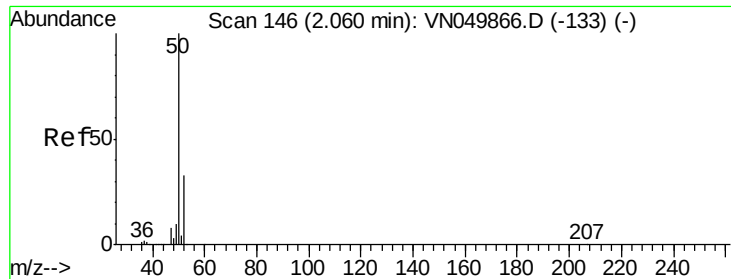
87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.51 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion: 50 Resp: 147385

Ion Ratio Lower Upper

50 100

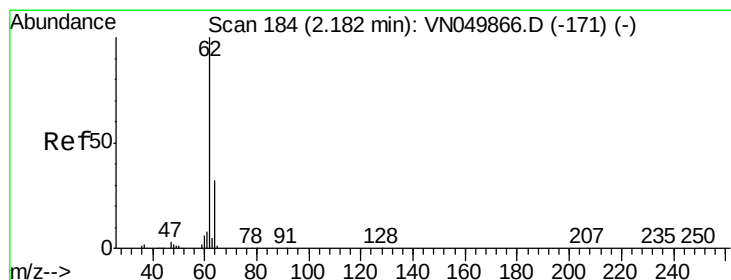
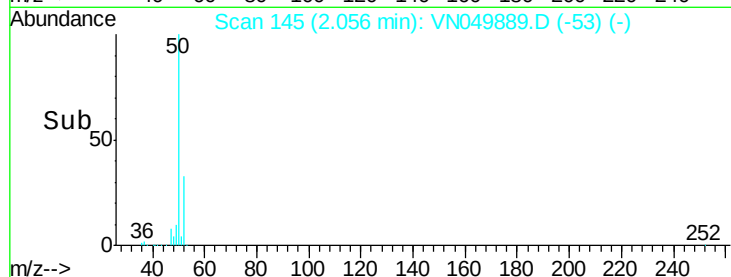
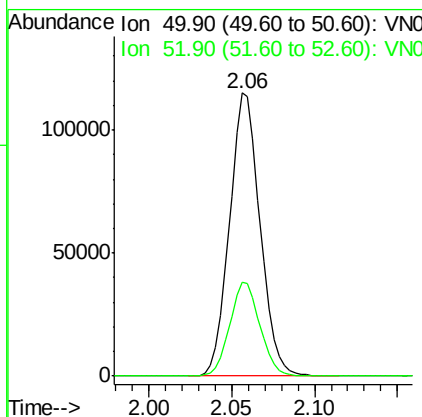
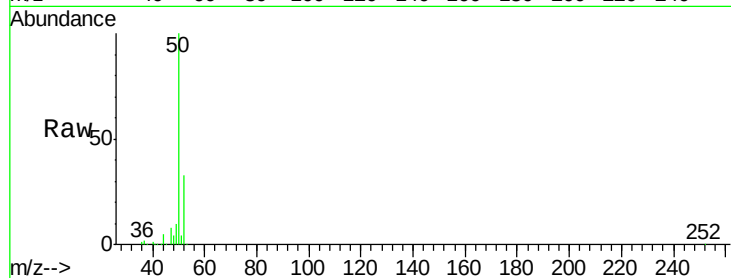
52 33.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049889.D

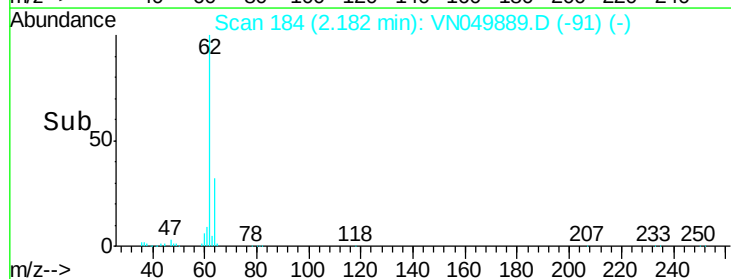
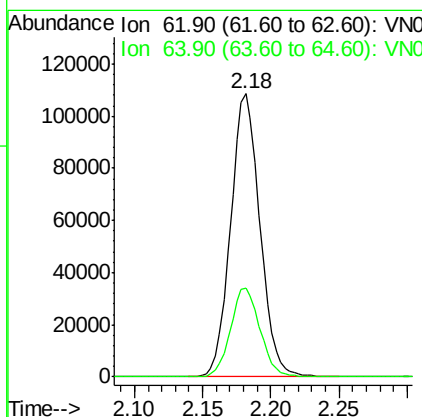
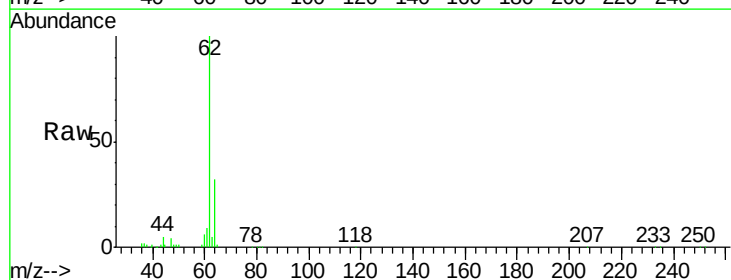
Acq: 18 Jul 2018 23:15

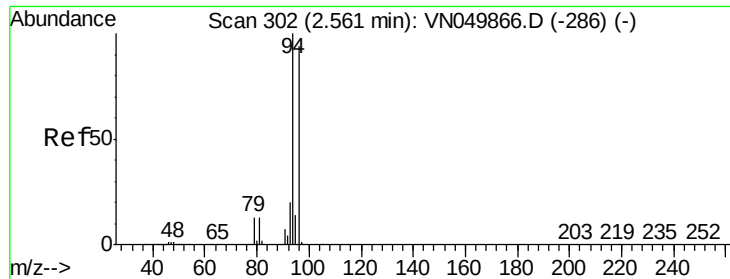
Tgt Ion: 62 Resp: 161901

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 20.31 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion: 94 Resp: 101847

Ion Ratio Lower Upper

94 100

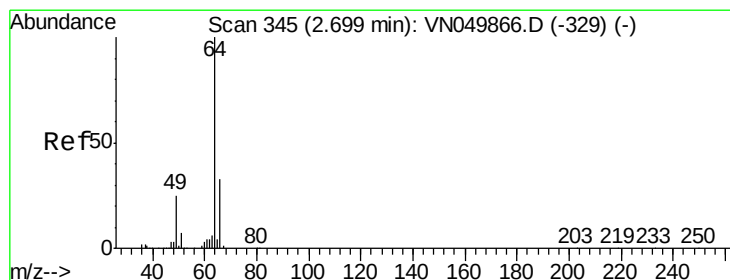
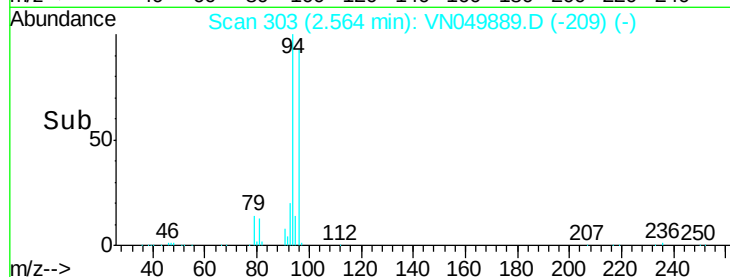
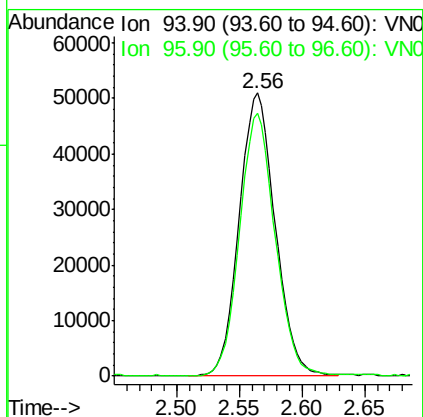
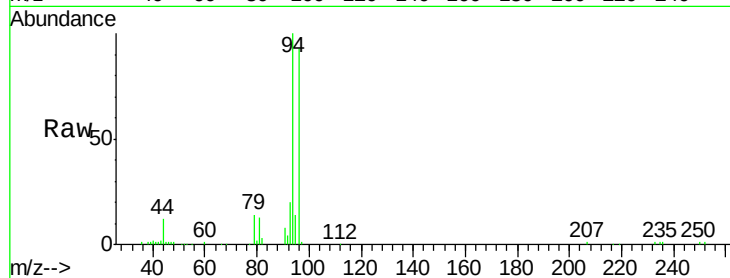
96 93.1 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.66 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049889.D

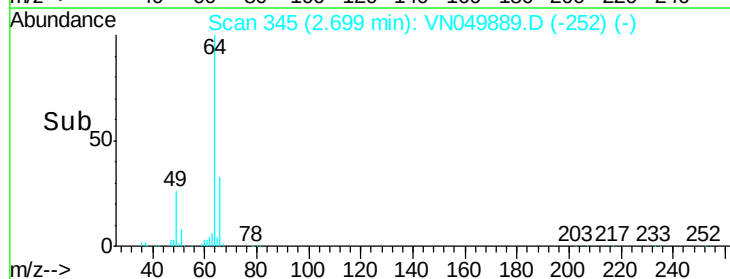
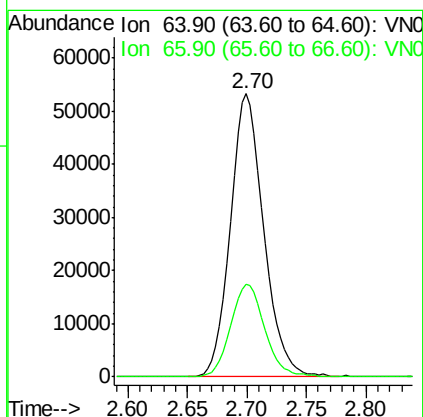
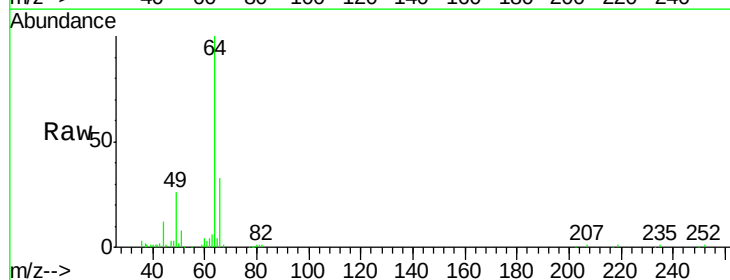
Acq: 18 Jul 2018 23:15

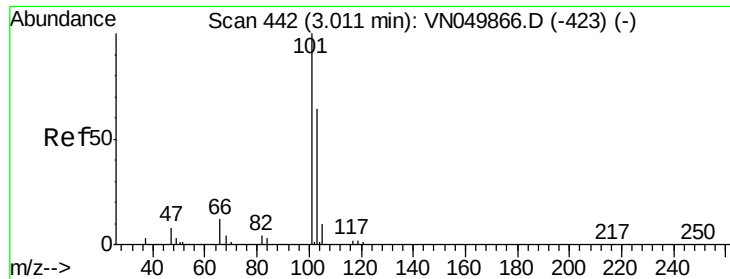
Tgt Ion: 64 Resp: 103525

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

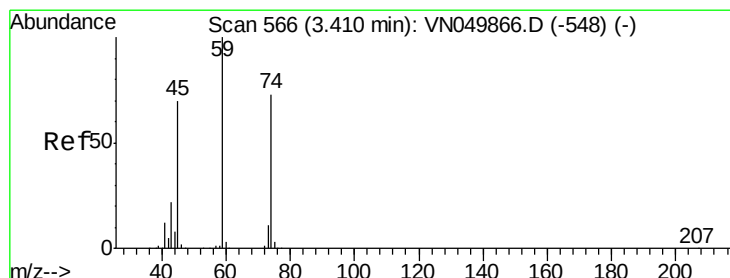
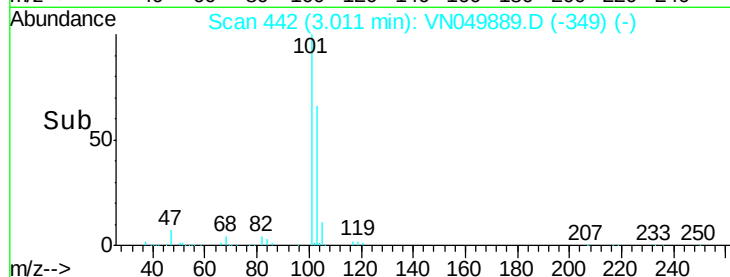
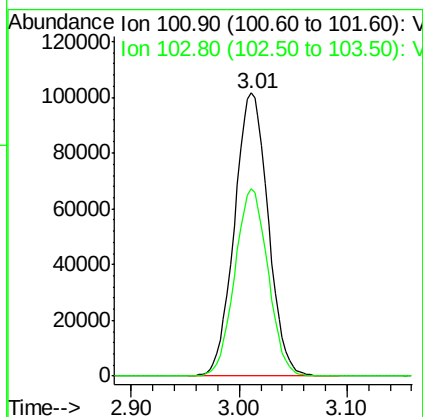
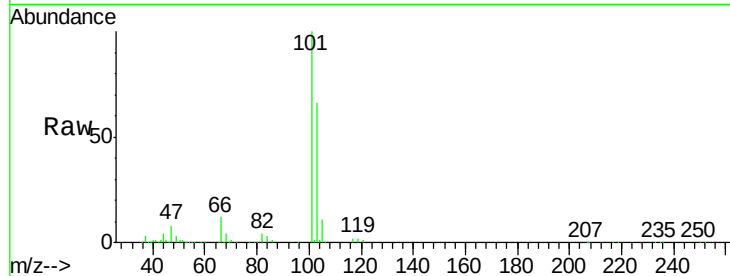
Trichlorofluoromethane
Concen: 18.95 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
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ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.8	79.2

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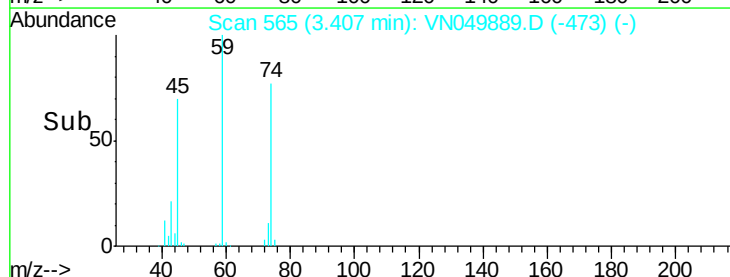
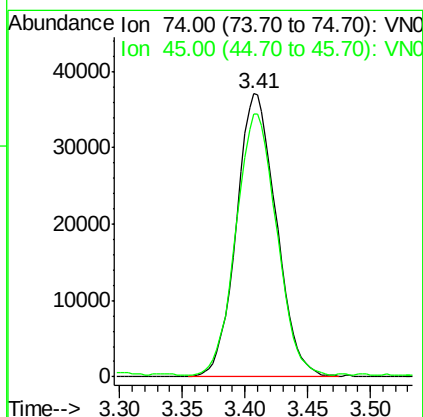
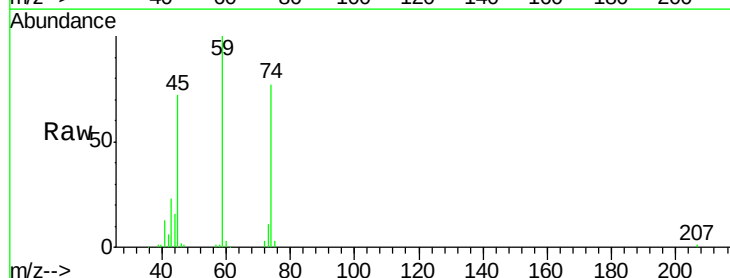
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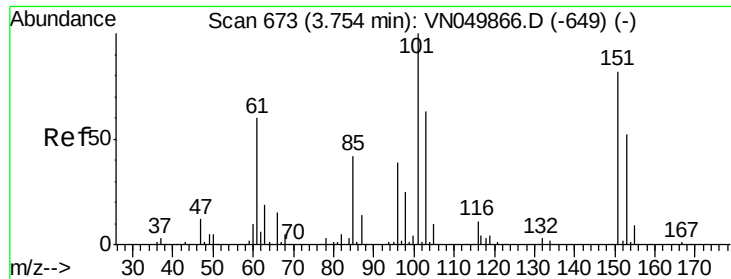


#8

Diethyl Ether
Concen: 20.10 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.43 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

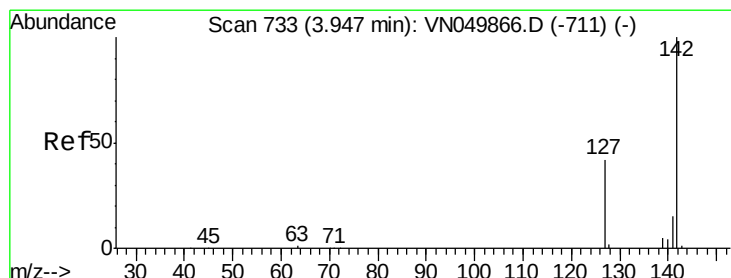
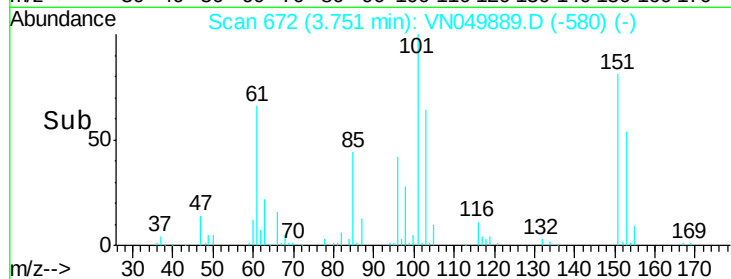
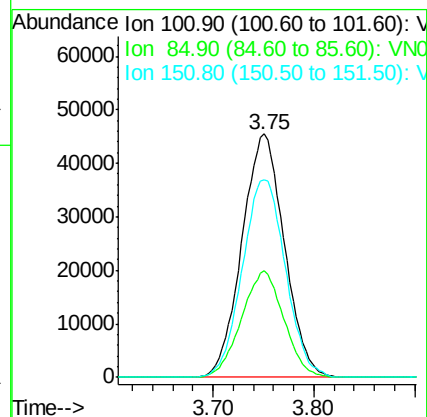
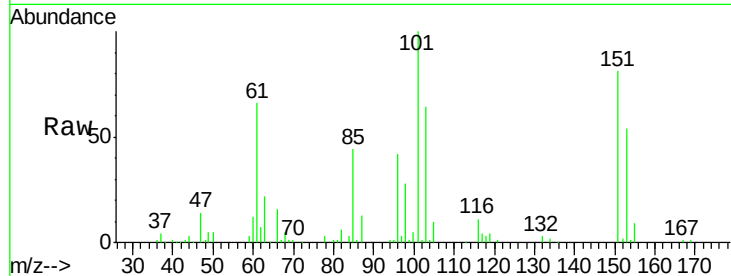
ClientSampleId :

VN0718WBS02

Tot Ion:	101	Resp:	132676
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.4	51.6
151	82.6	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 18.31 ug/l

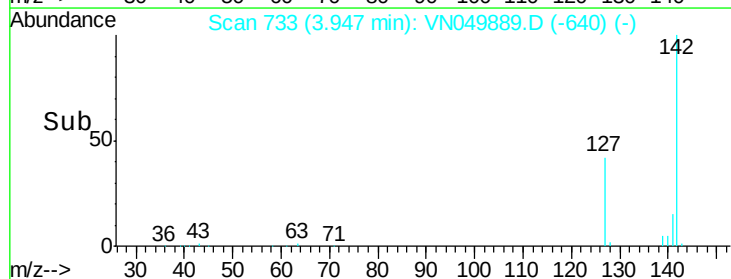
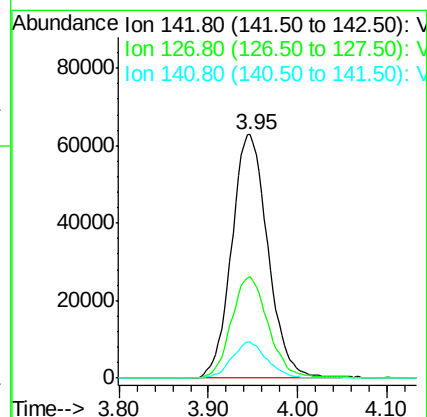
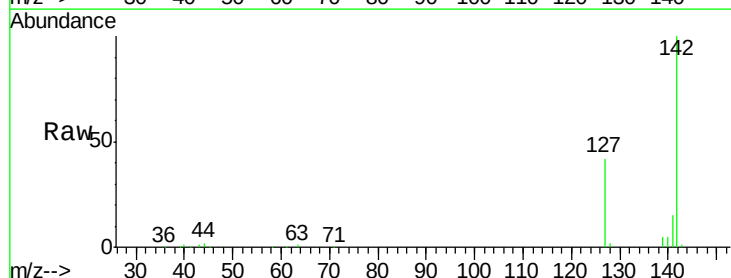
RT: 3.95 min Scan# 733

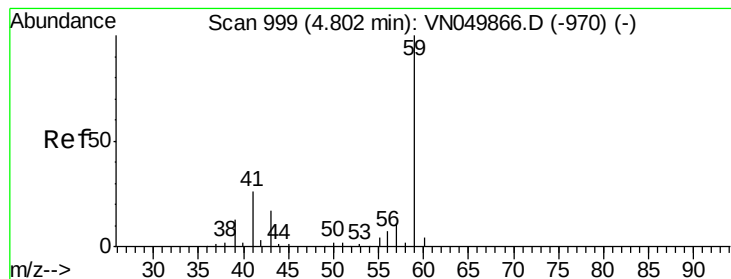
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	142	Resp:	176852
Ion Ratio	Lower	Upper	
142	100		
127	42.4	32.5	48.7
141	14.4	11.1	16.7





#11

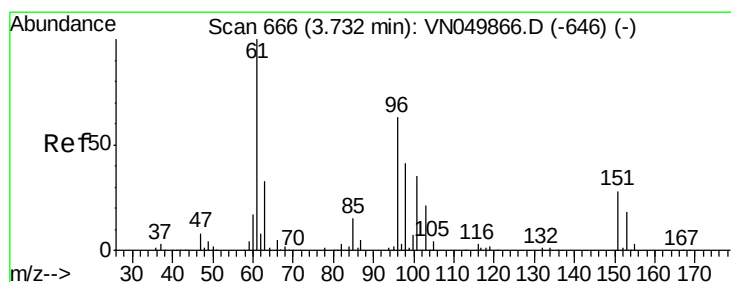
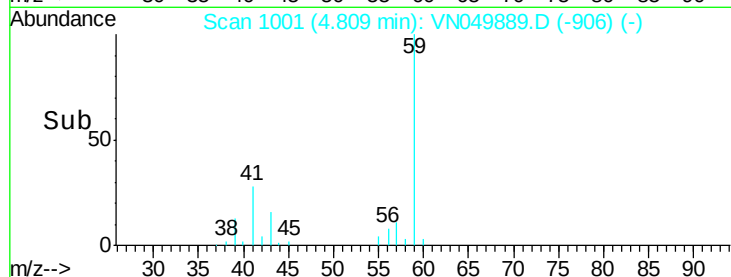
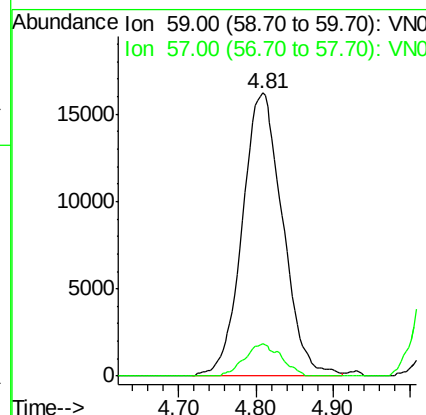
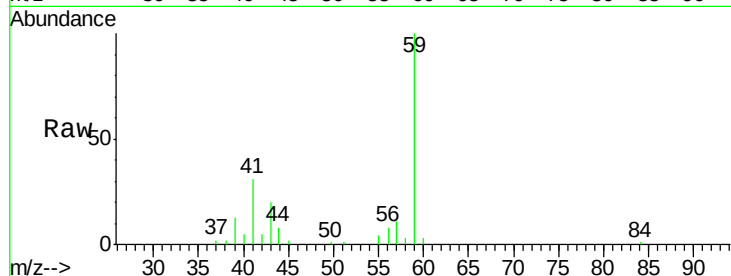
Tert butyl alcohol
 Concen: 103.16 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

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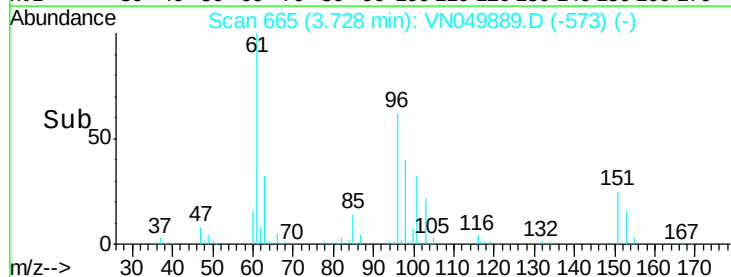
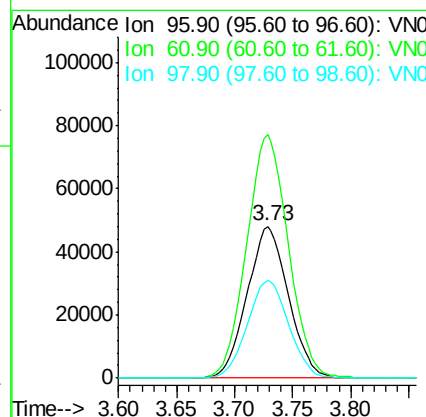
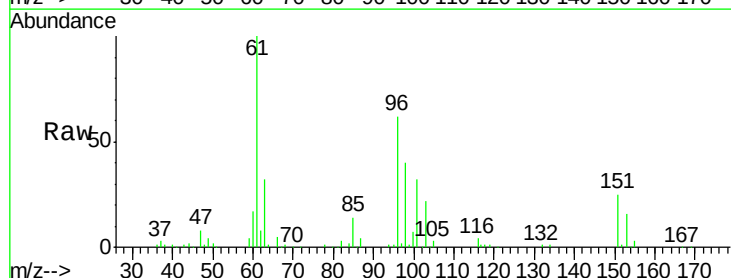
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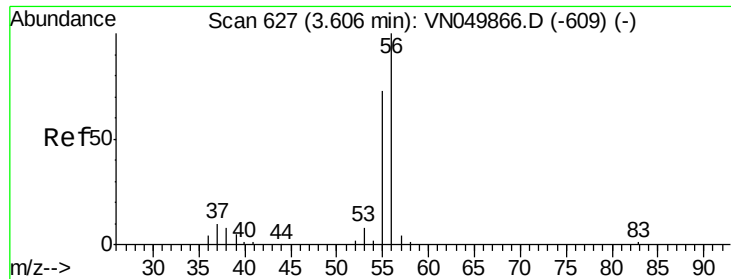


#12

1,1-Dichloroethene
 Concen: 18.81 ug/l
 RT: 3.73 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	126.5	189.7
98	63.9	51.0	76.6





#13

Acrolein

Concen: 92.23 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion: 56 Resp: 33953

Ion Ratio Lower Upper

56 100

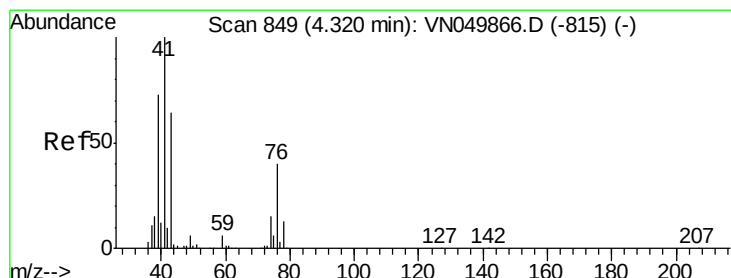
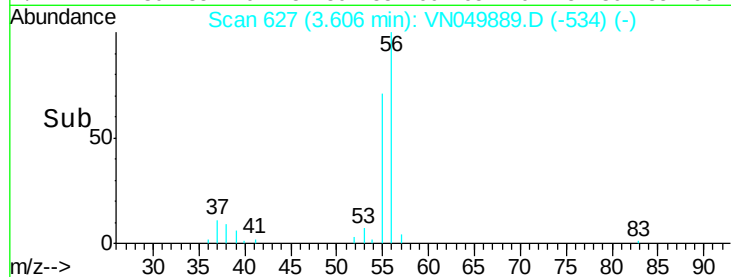
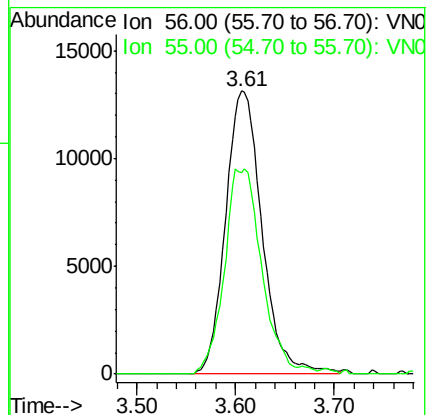
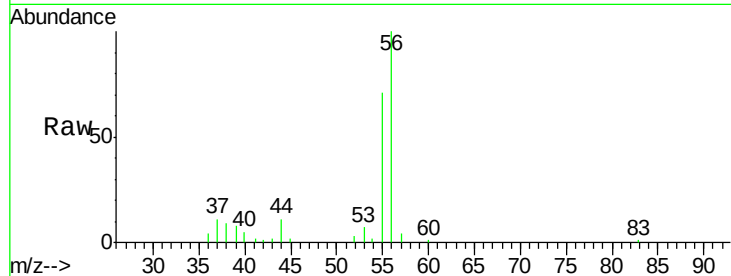
55 73.3 55.8 83.8

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#14

Allyl chloride

Concen: 19.03 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

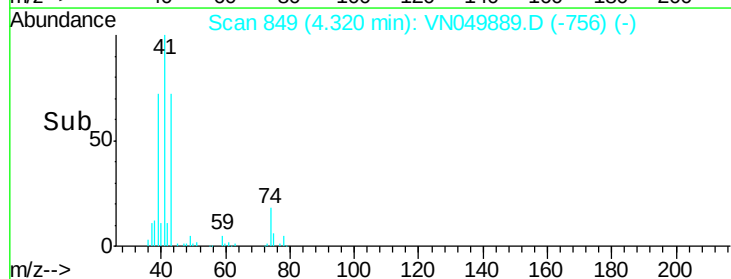
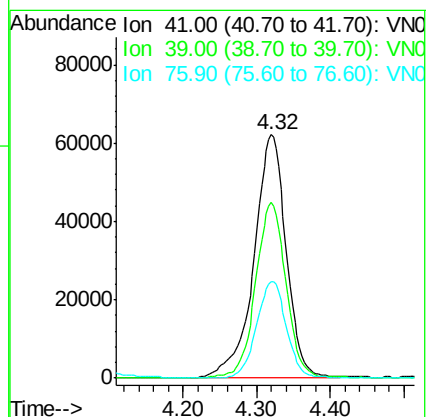
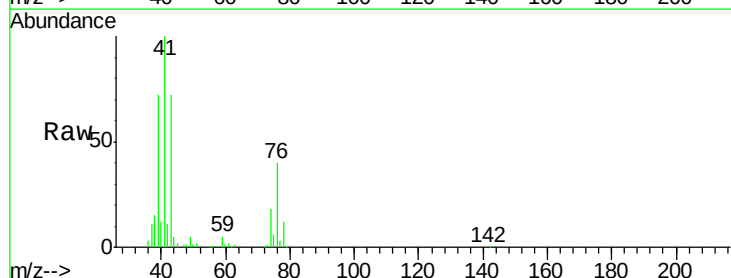
Tgt Ion: 41 Resp: 189720

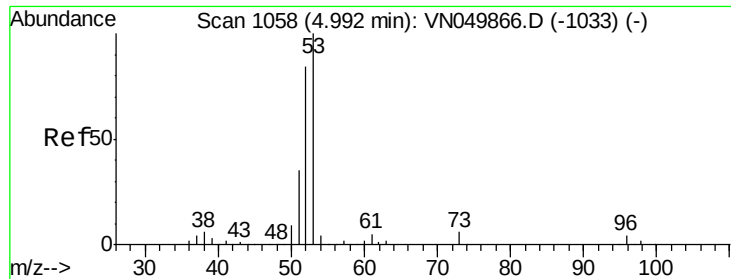
Ion Ratio Lower Upper

41 100

39 67.9 53.2 79.8

76 36.6 29.0 43.6





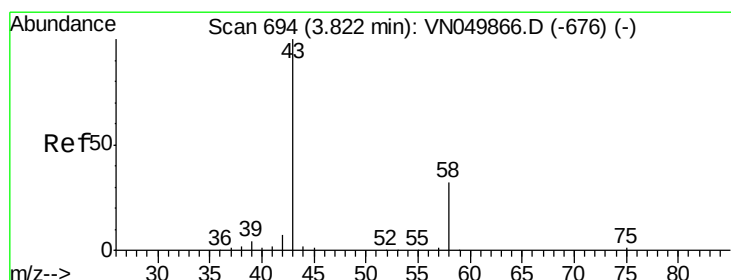
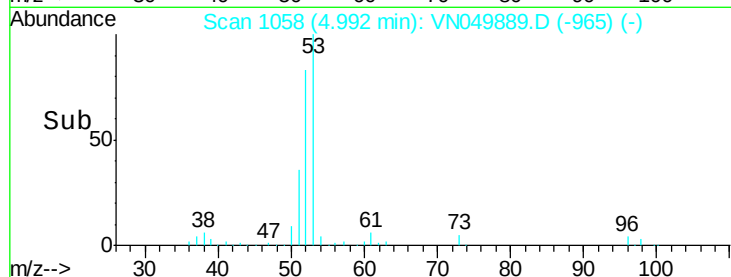
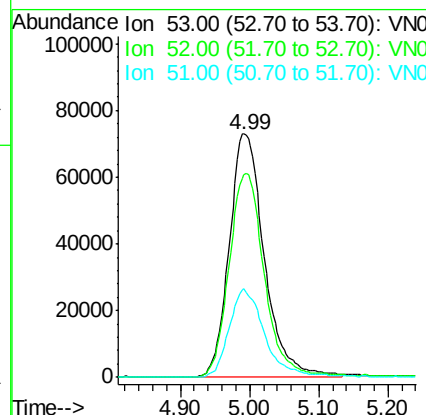
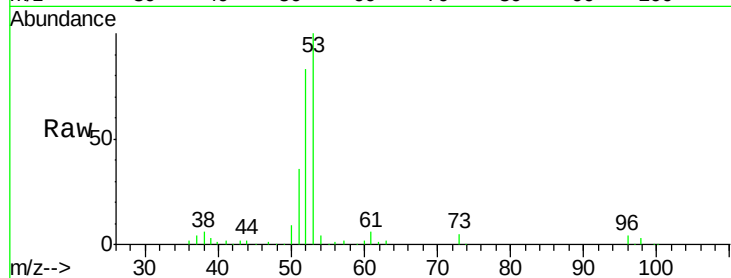
#15
 Acrylonitrile
 Concen: 102.78 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.3	64.8	97.2
51	36.3	28.9	43.3

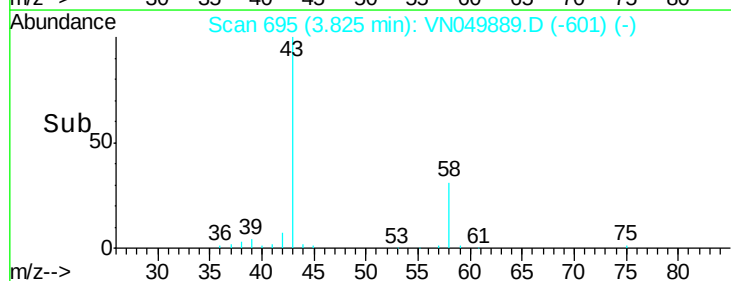
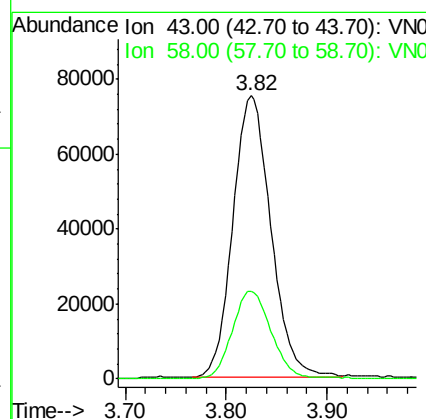
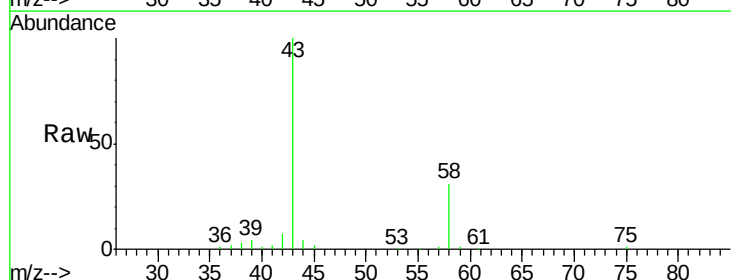
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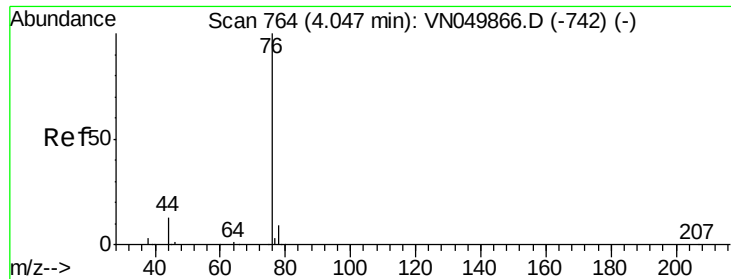
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#16
 Acetone
 Concen: 94.39 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.9	38.9





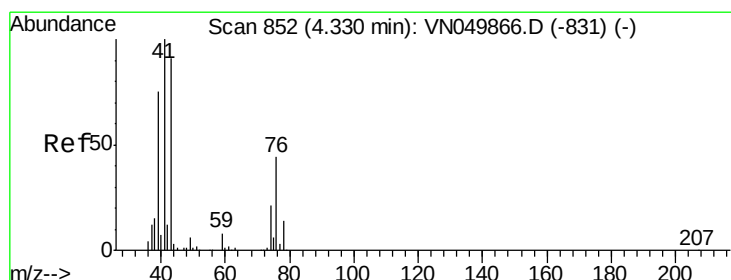
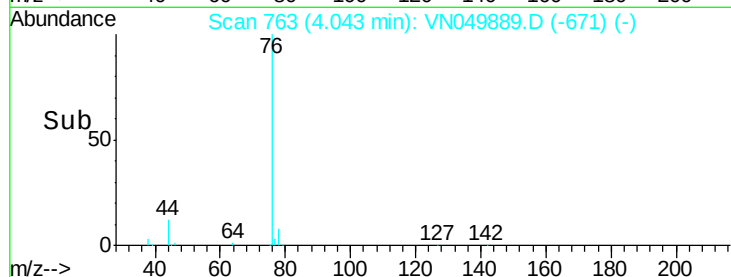
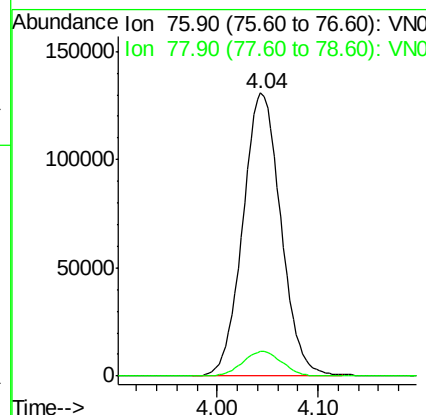
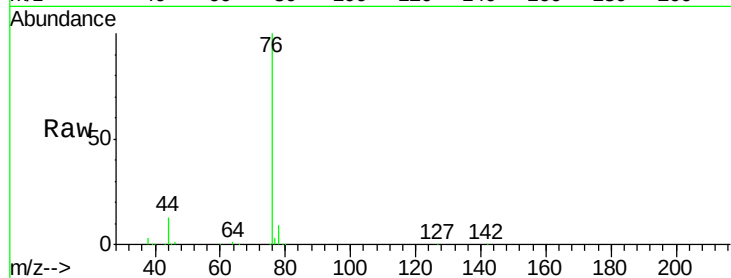
#17
Carbon Disulfide
Concen: 18.06 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

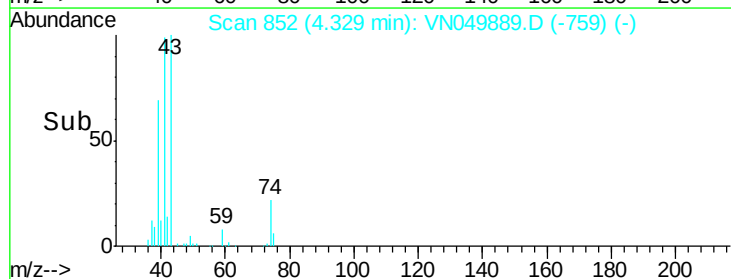
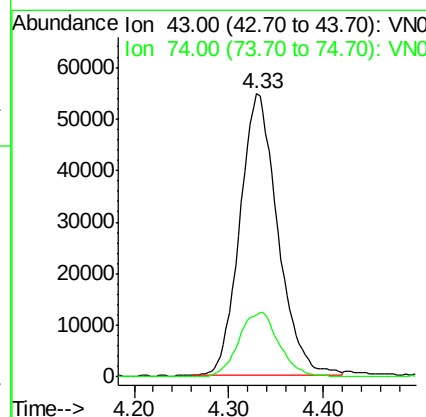
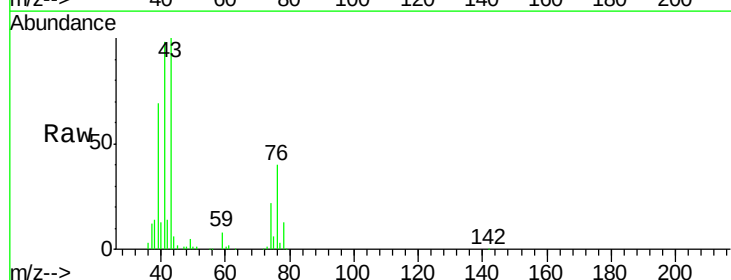
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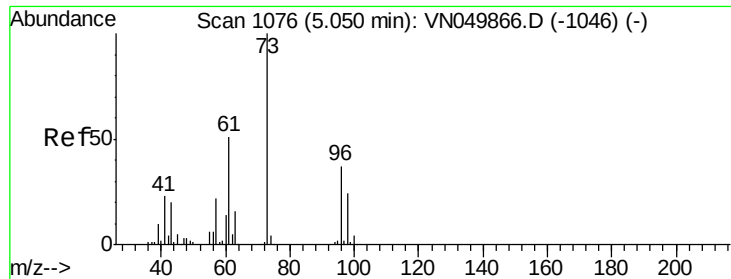
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#18
Methyl Acetate
Concen: 22.92 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.8	29.8





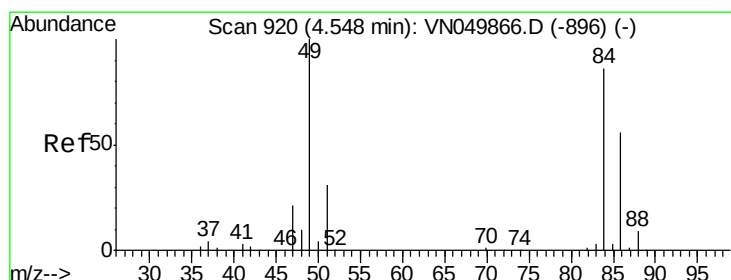
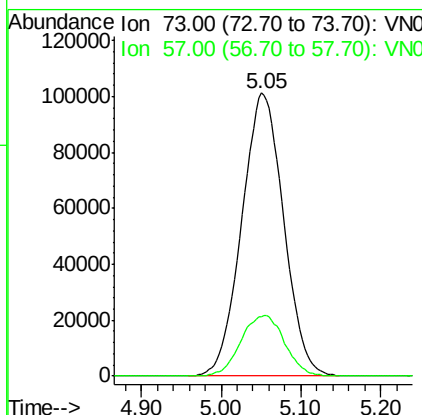
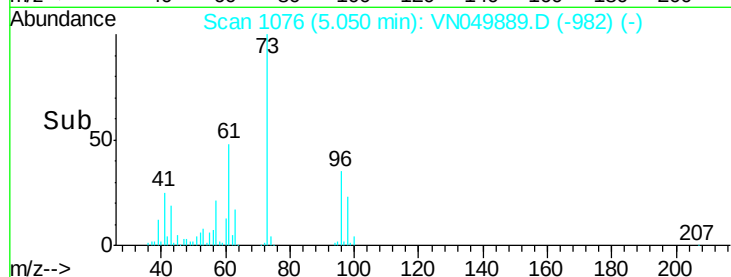
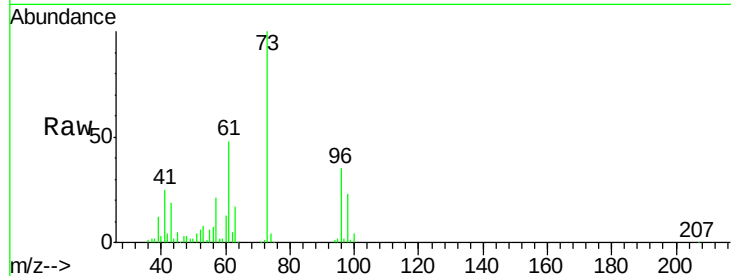
#19
Methvl tert-butvl Ether
Concen: 20.79 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion: 73 Resp: 361873
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1

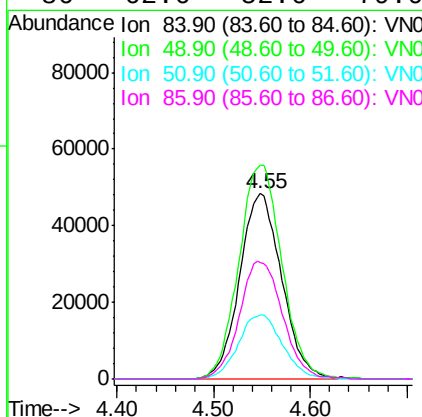
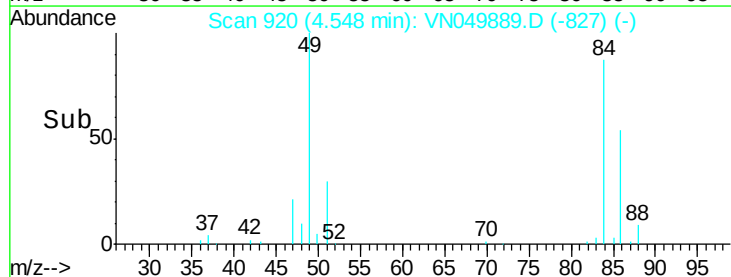
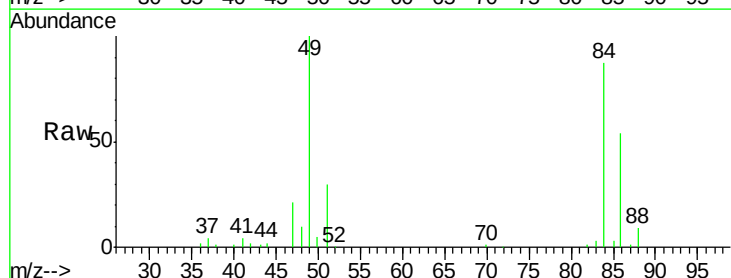
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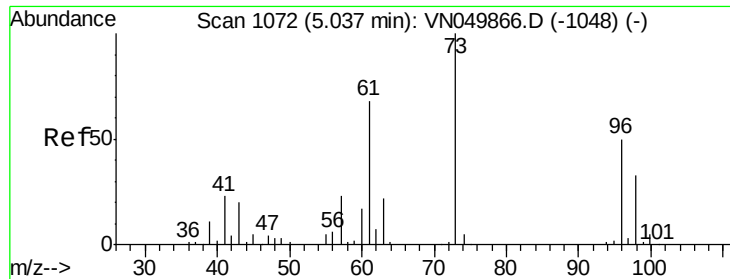
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#20
Methylene Chloride
Concen: 18.53 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 84 Resp: 146322
Ion Ratio Lower Upper
84 100
49 115.1 95.4 143.2
51 34.3 28.4 42.6
86 62.6 52.6 79.0





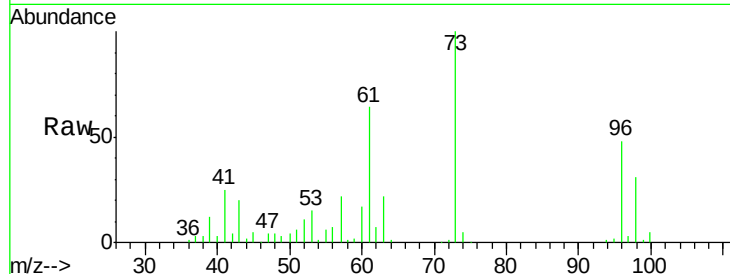
#21
trans-1,2-Dichloroethene
Concen: 19.71 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

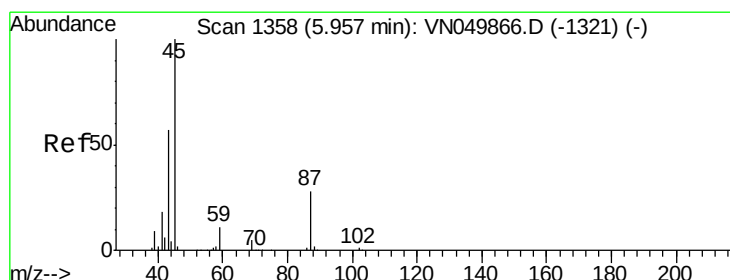
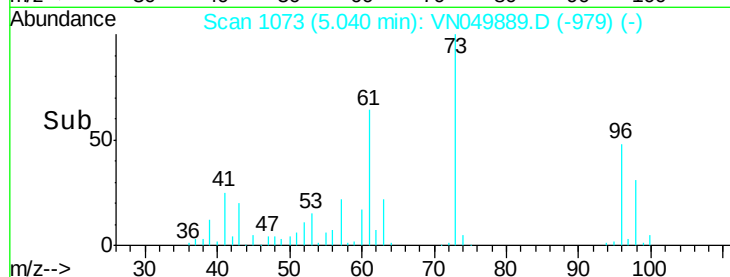
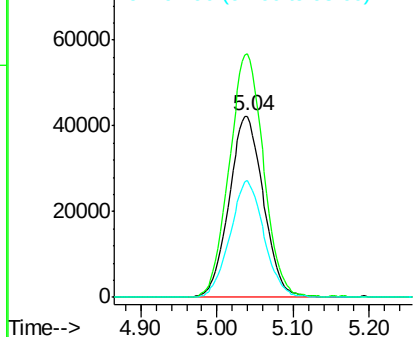
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.4	109.0	163.6
98	64.4	51.1	76.7

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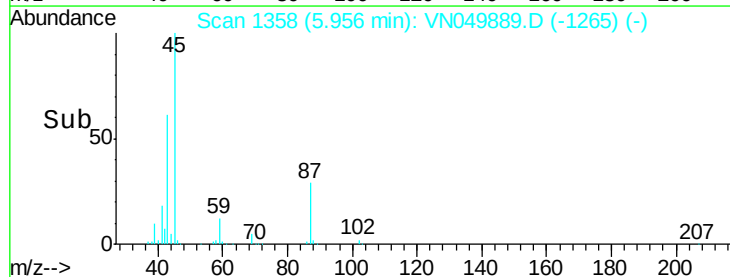
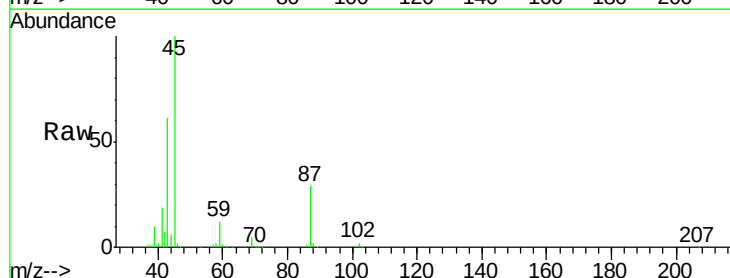
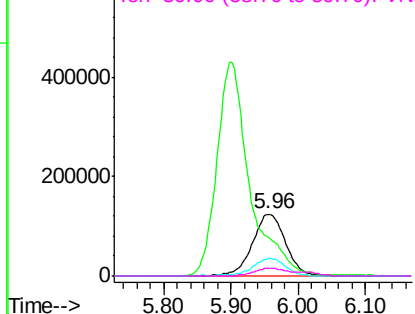
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

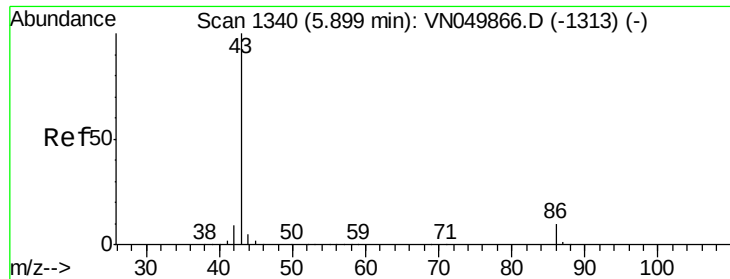


#22
Diisopropyl ether
Concen: 20.97 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	48.1	72.1
87	28.5	22.6	34.0
59	12.1	9.2	13.8

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





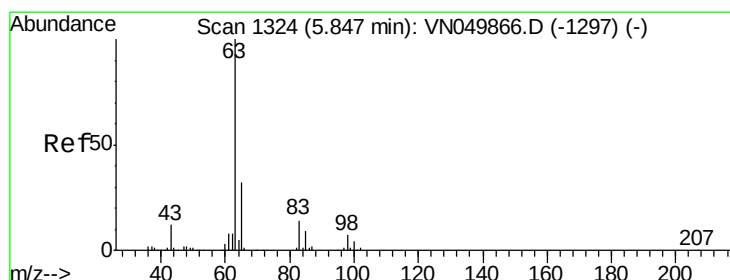
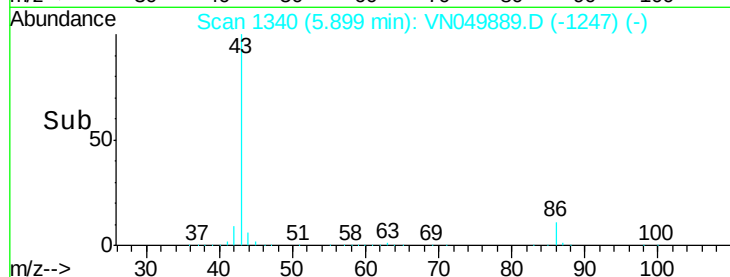
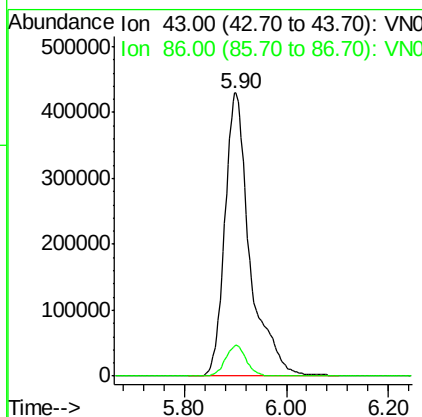
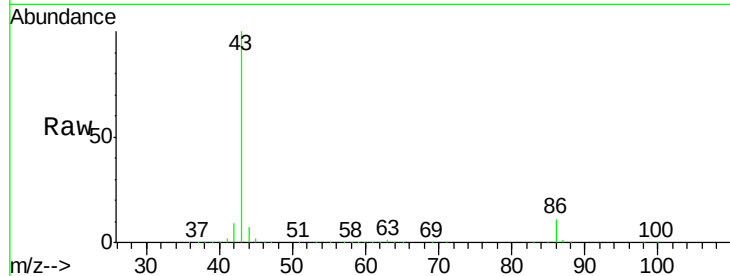
#23
 Vinyl Acetate
 Concen: 102.91 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion: 43 Resp: 1469223
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

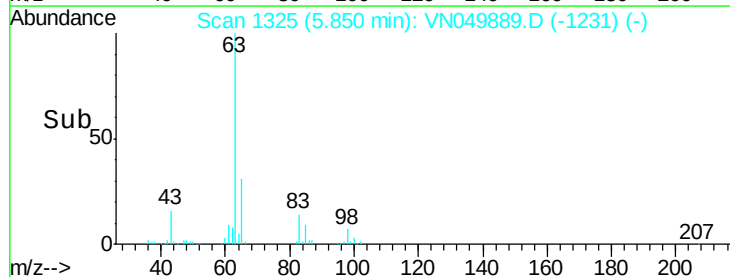
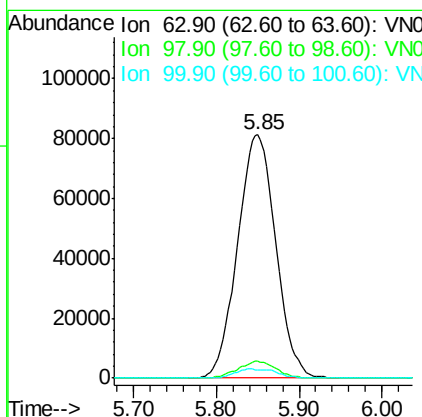
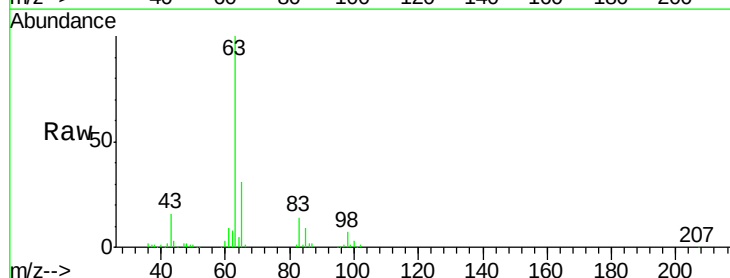
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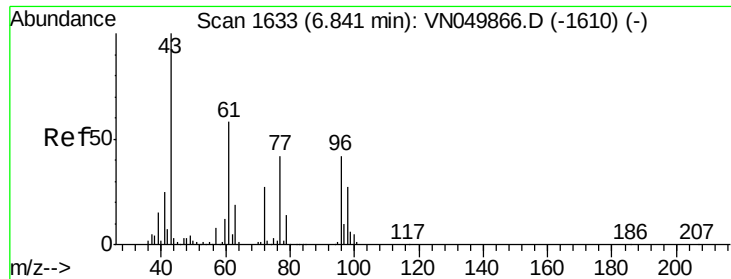
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#24
 1,1-Dichloroethane
 Concen: 19.89 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 63 Resp: 259791
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.2 2.2 6.6





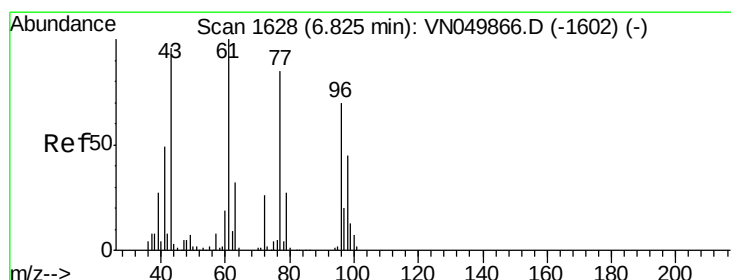
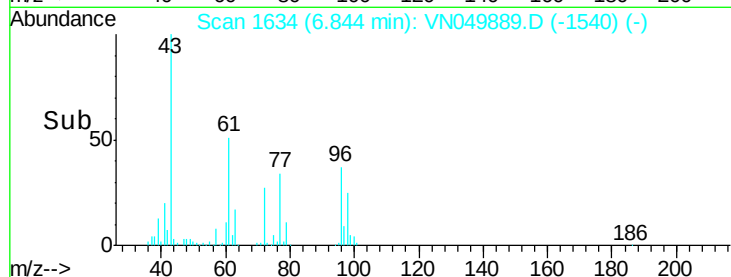
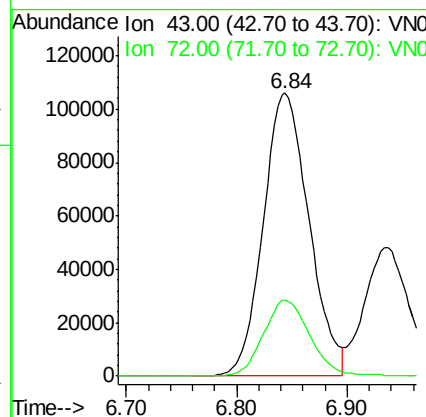
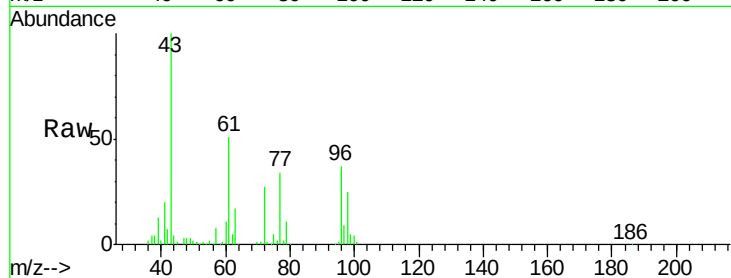
#25
2-Butanone
Concen: 102.20 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion: 43 Resp: 303250
Ion Ratio Lower Upper
43 100
72 26.9 22.1 33.1

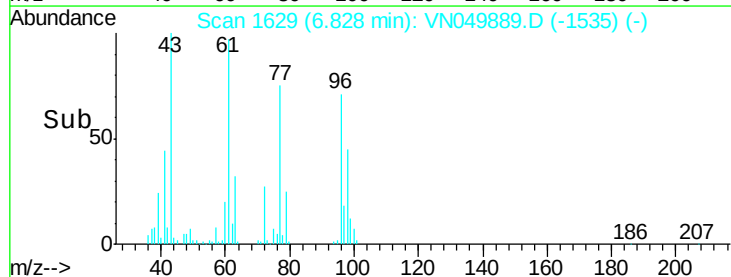
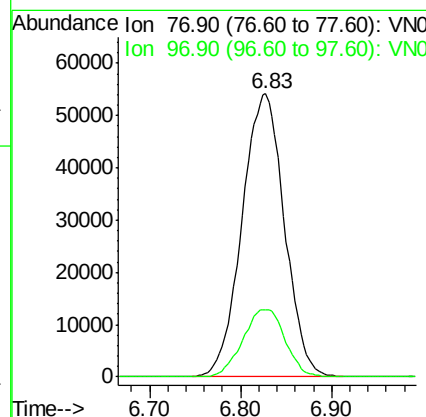
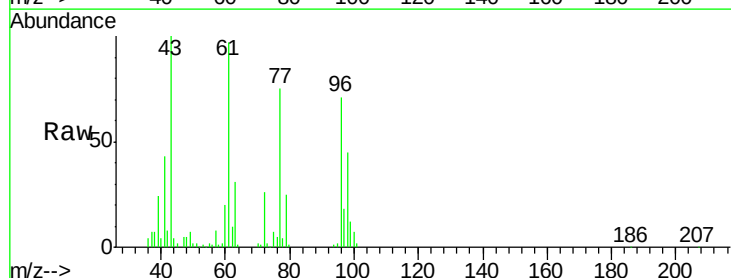
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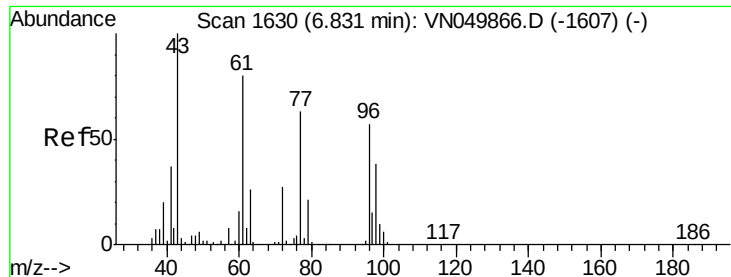
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#26
2,2-Dichloropropane
Concen: 17.20 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 77 Resp: 174770
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





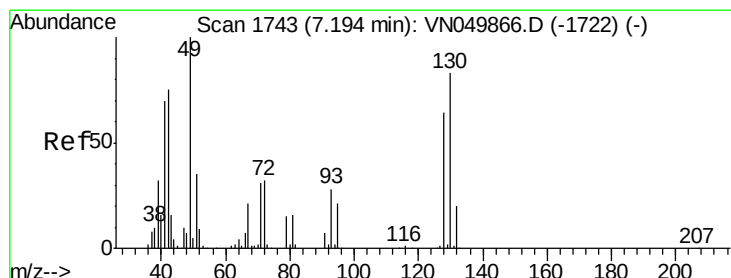
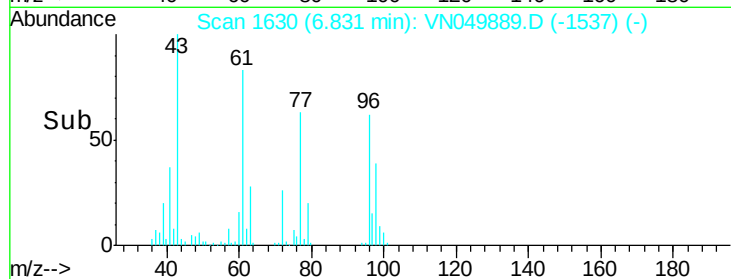
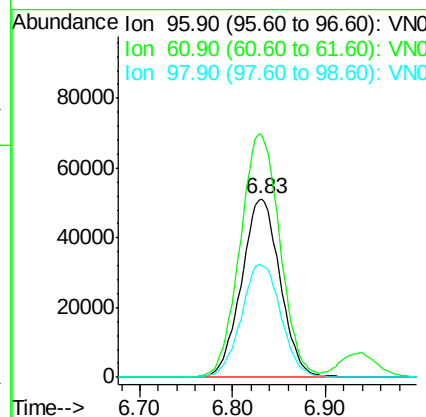
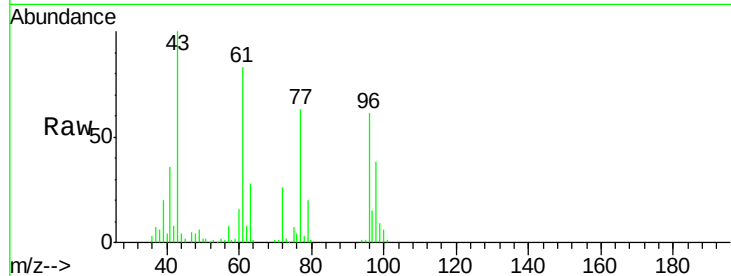
#27
 cis-1,2-Dichloroethene
 Concen: 20.12 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148317		
61	140.1	0.0	289.0	
98	64.9	0.0	130.2	

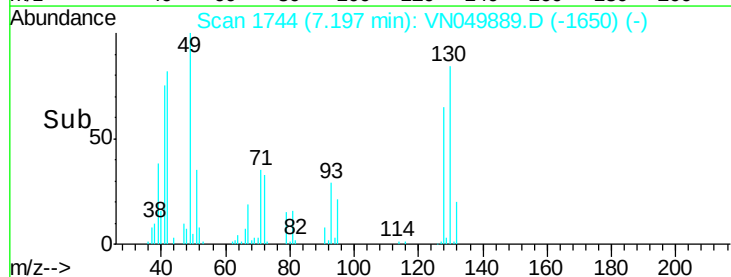
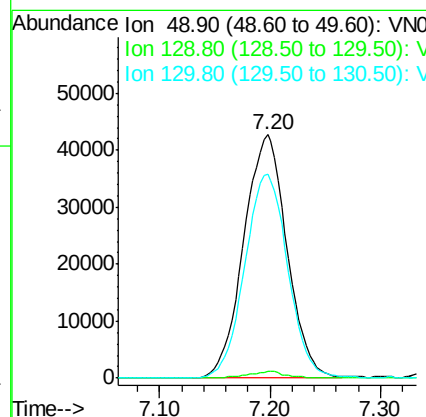
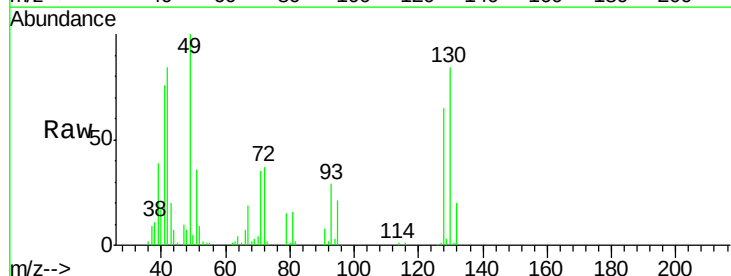
Manual Integrations
 APPROVED

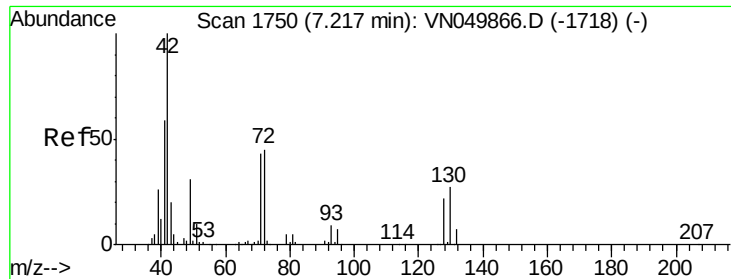
apatel
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#28
 Bromochloromethane
 Concen: 19.69 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116161		
129	2.3	0.0	4.2	
130	83.4	65.5	98.3	





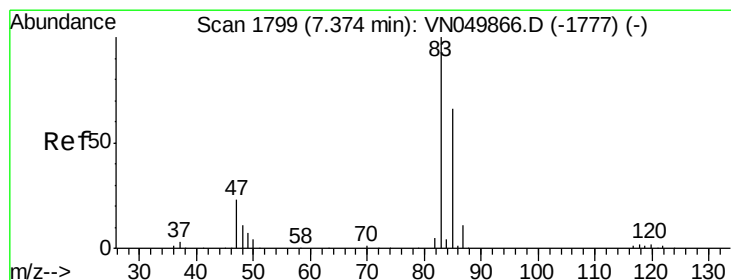
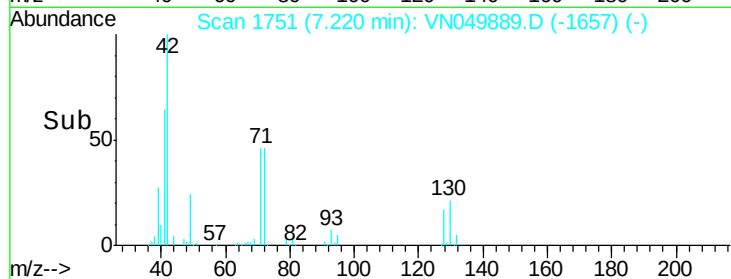
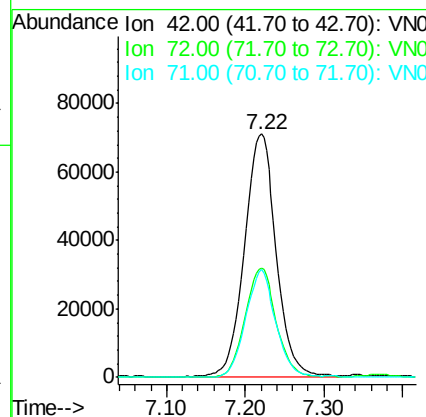
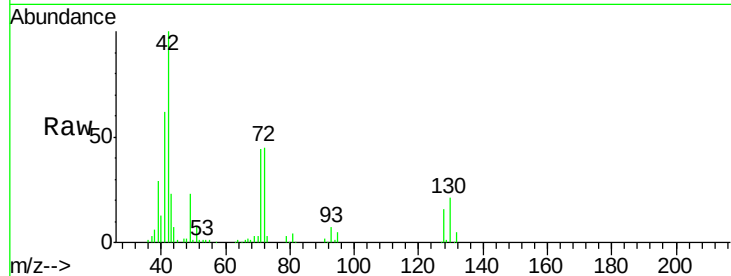
#29
Tetrahydrofuran
Concen: 106.98 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.6	53.4
71	42.2	34.0	51.0

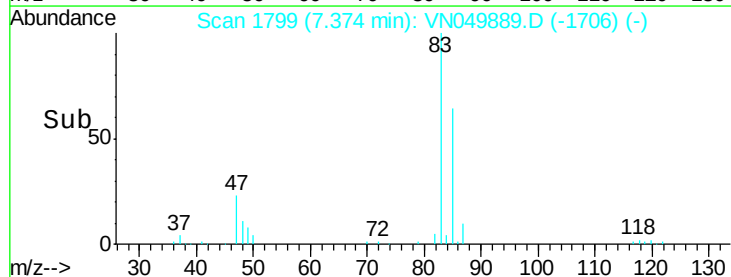
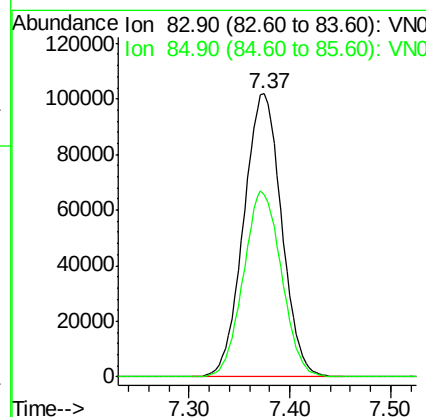
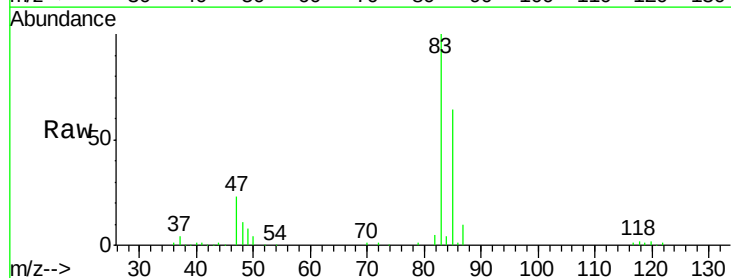
Manual Integrations
APPROVED

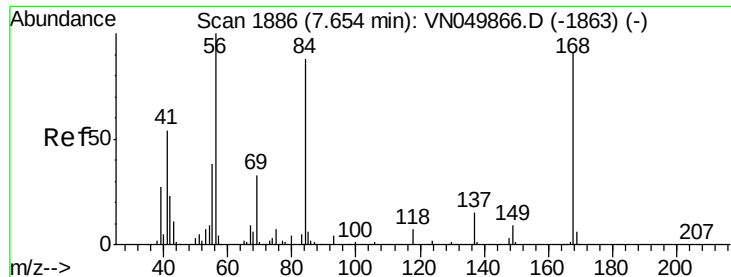
apatel
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#30
Chloroform
Concen: 19.80 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.2





#31

Cyclohexane

Concen: 19.38 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

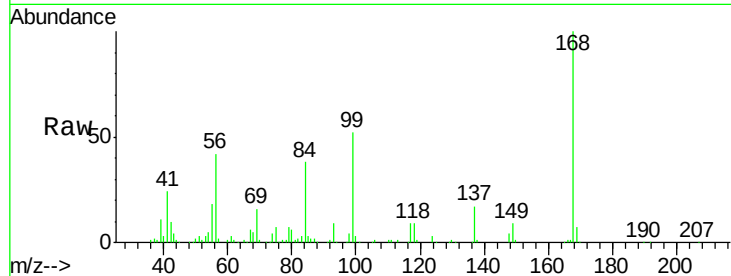
VN0718WBS02

Tot Ion	56	Resp	206036
Ion Ratio	Lower	Upper	
56	100		
69	36.5	26.6	40.0
84	87.3	69.0	103.6

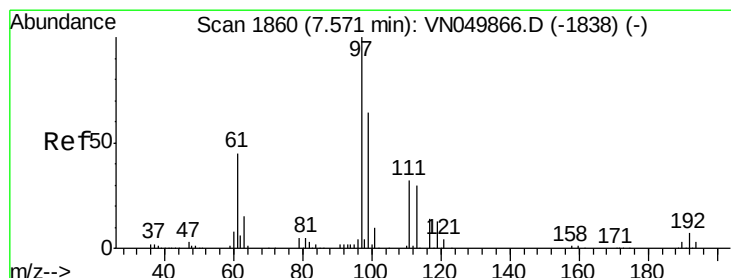
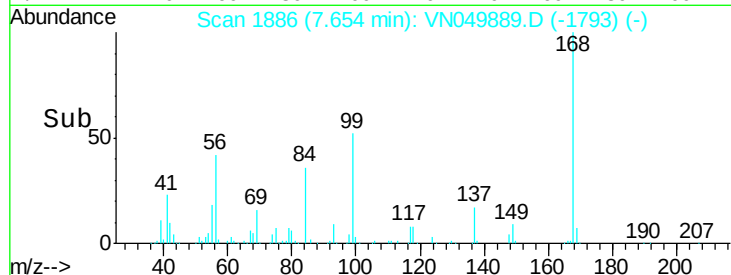
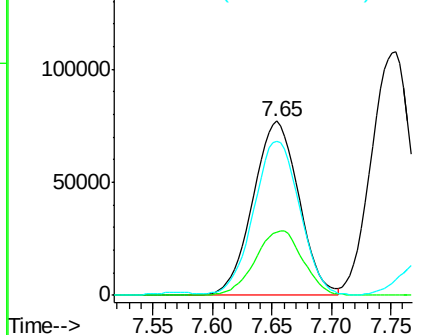
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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.45 ug/l

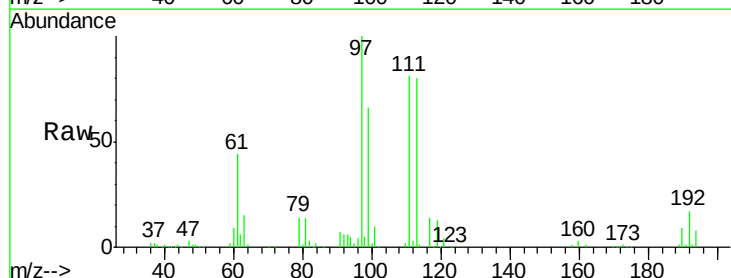
RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

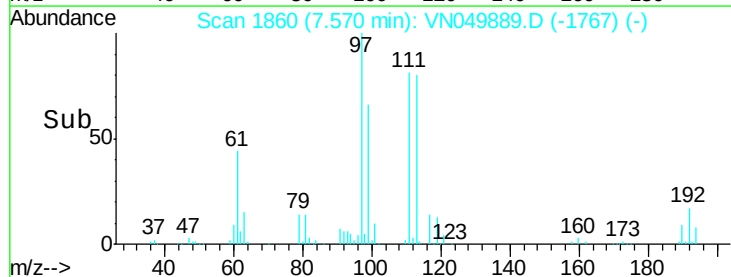
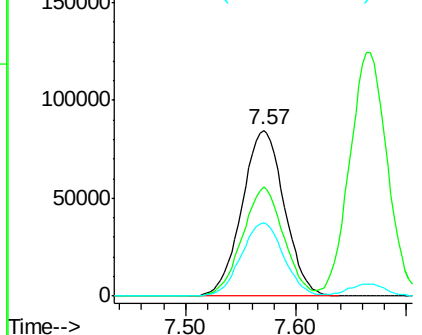
Lab File: VN049889.D

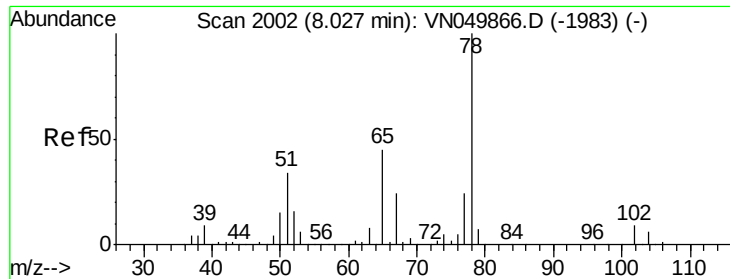
Acq: 18 Jul 2018 23:15

Tgt Ion	97	Resp	225427
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.4
61	44.4	35.5	53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





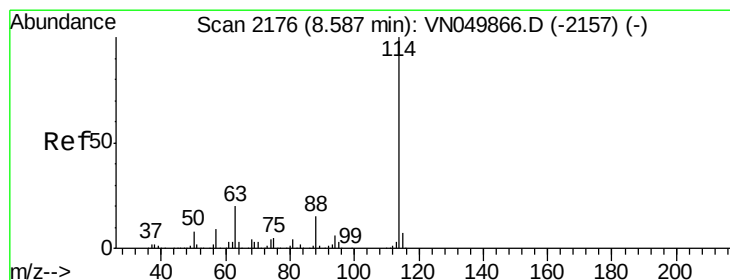
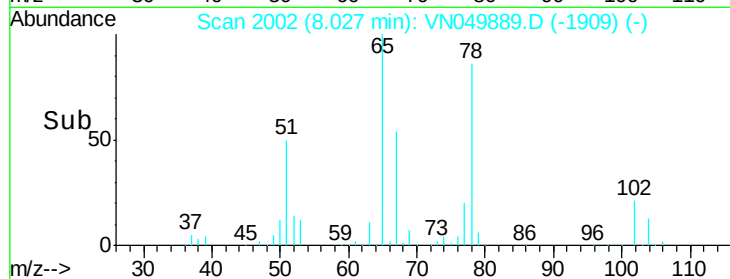
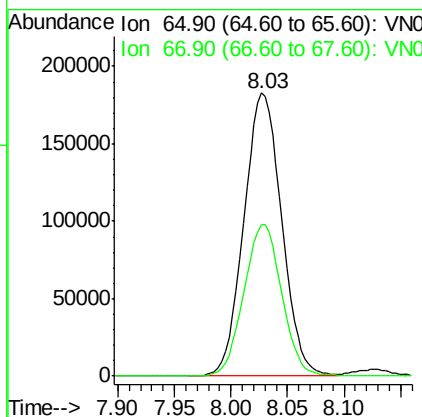
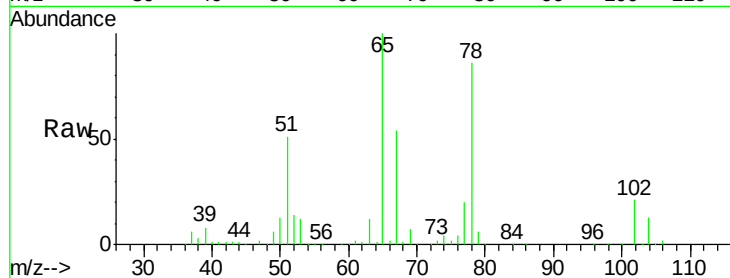
#33
 1,2-Dichloroethane-d4
 Concen: 53.05 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	425406		
67	53.8	0.0	107.2	

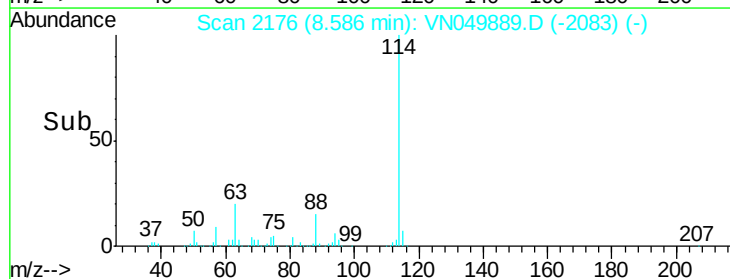
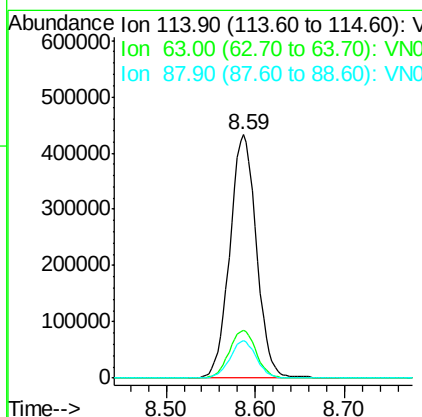
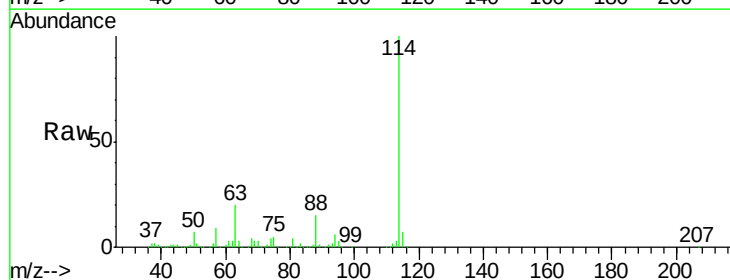
Manual Integrations
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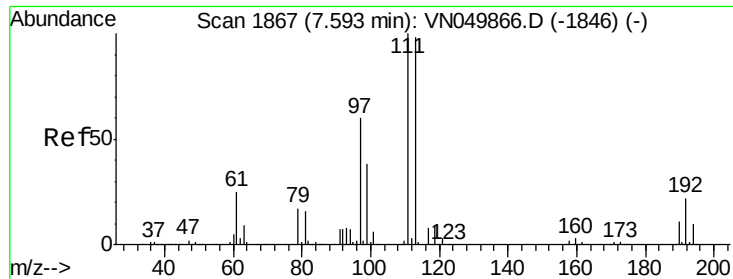
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	893812		
63	19.7	0.0	39.8	
88	15.3	0.0	30.6	





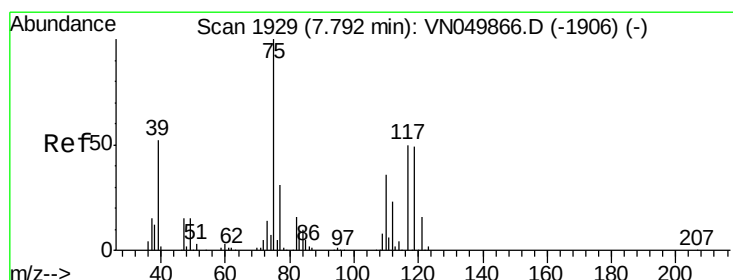
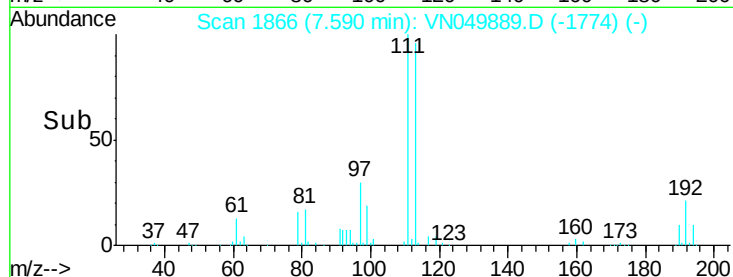
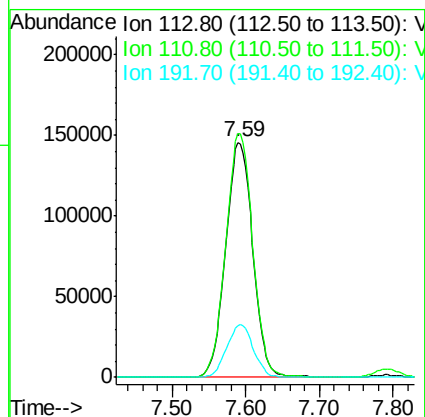
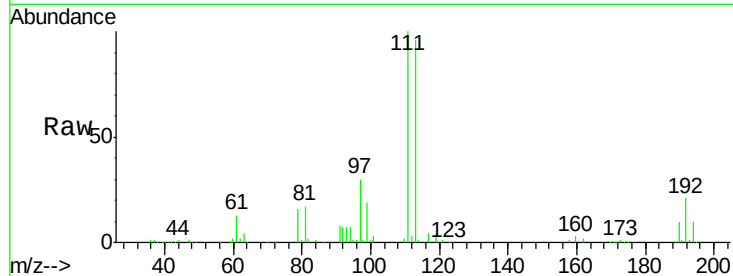
#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	372216		
111	103.2	81.8	122.8	
192	22.0	17.8	26.6	

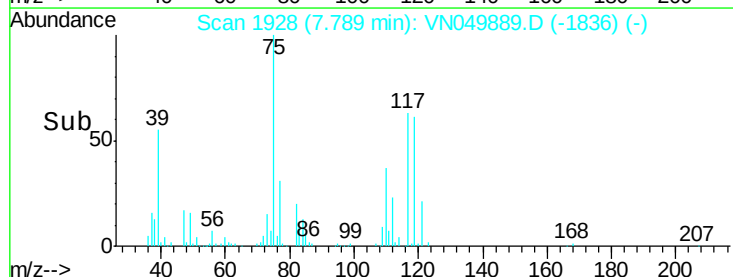
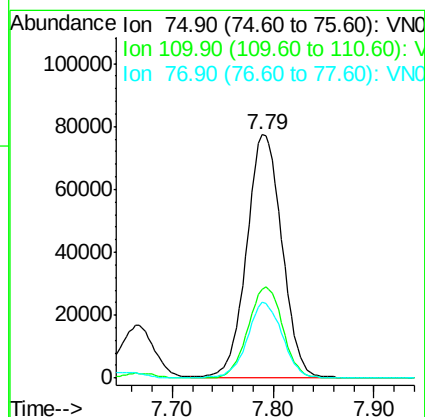
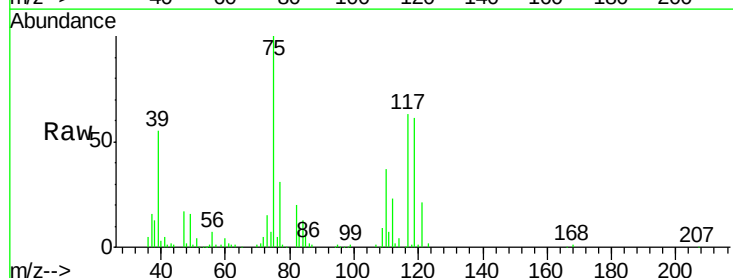
Manual Integrations
APPROVED

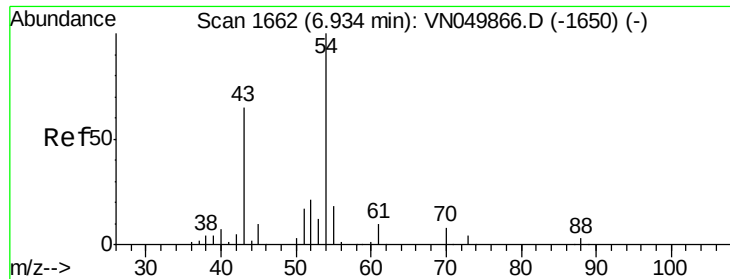
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#36
1,1-Dichloropropene
Concen: 18.75 ug/l
RT: 7.79 min Scan# 1928
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186313		
110	36.8	18.1	54.4	
77	31.2	24.9	37.3	





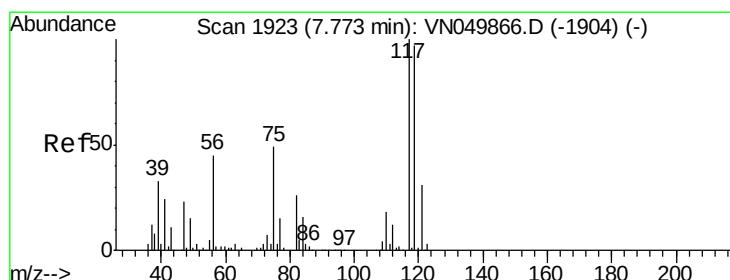
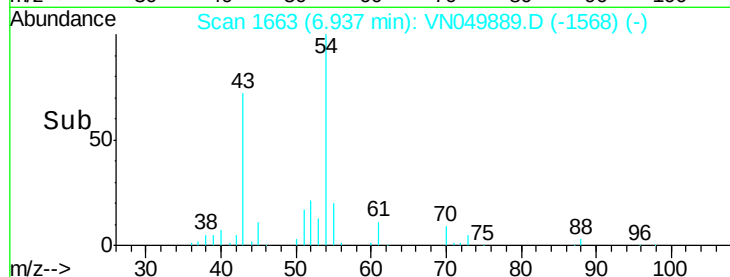
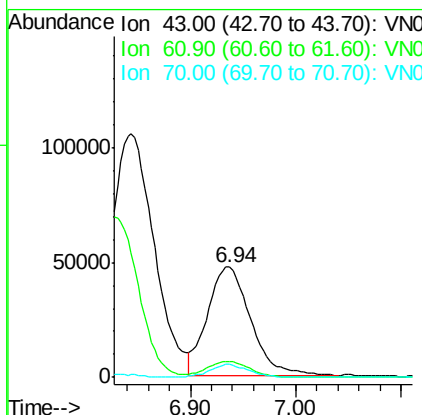
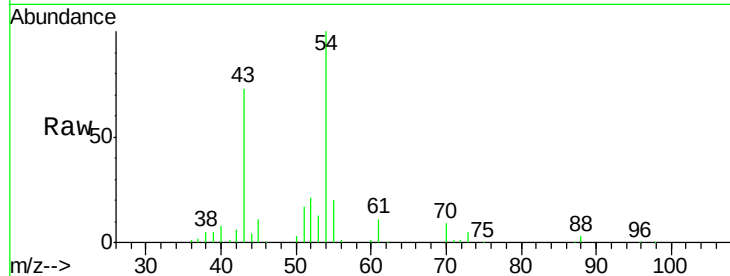
#37
Ethyl Acetate
Concen: 19.78 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	10.7	8.4	12.6

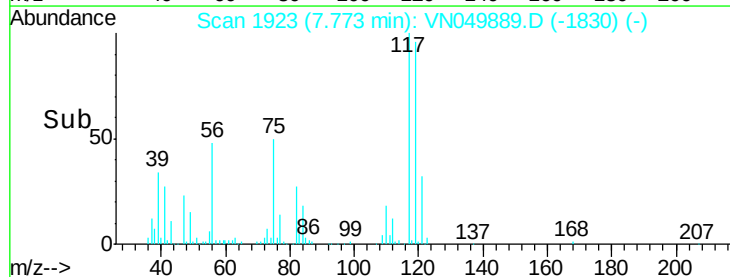
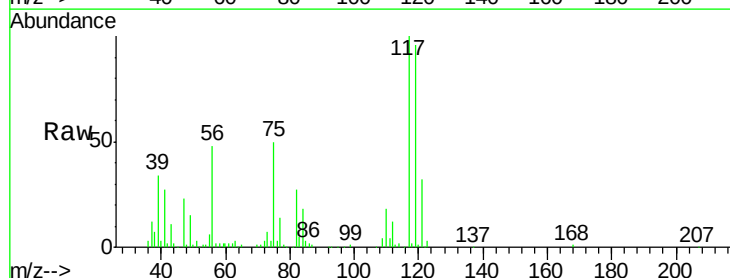
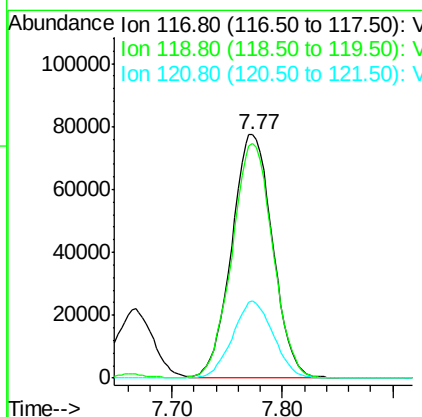
Manual Integrations
APPROVED

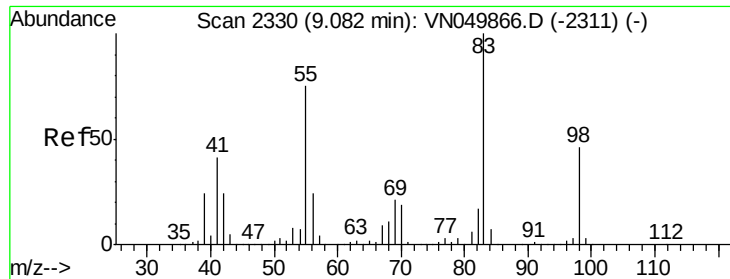
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#38
Carbon Tetrachloride
Concen: 18.71 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	31.6	25.0	37.6





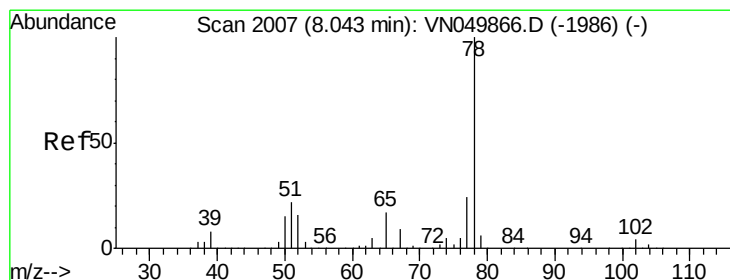
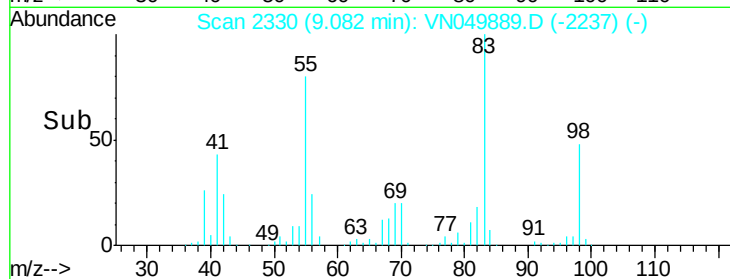
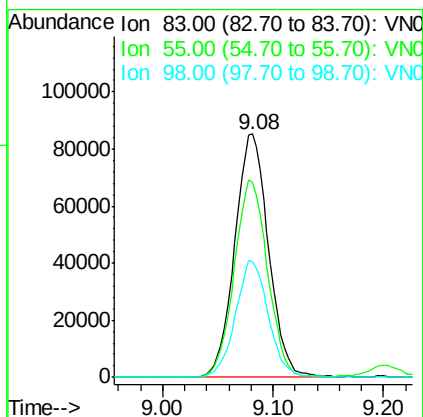
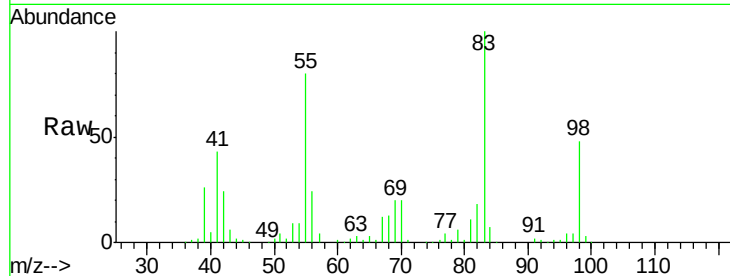
#39
Methylvlcyclohexane
Concen: 17.62 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	59.7	89.5
98	47.7	36.5	54.7

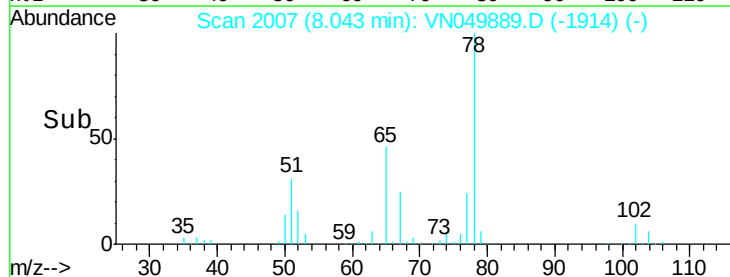
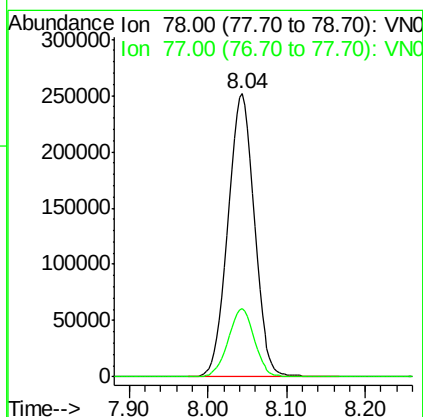
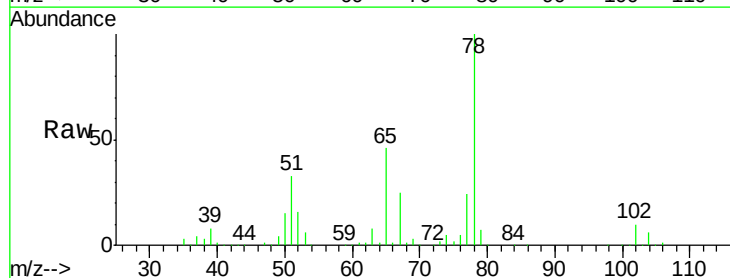
Manual Integrations
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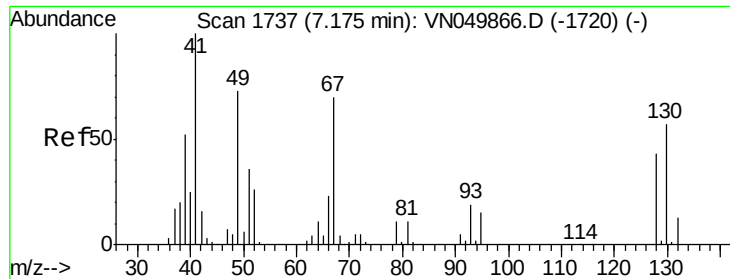
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#40
Benzene
Concen: 19.37 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





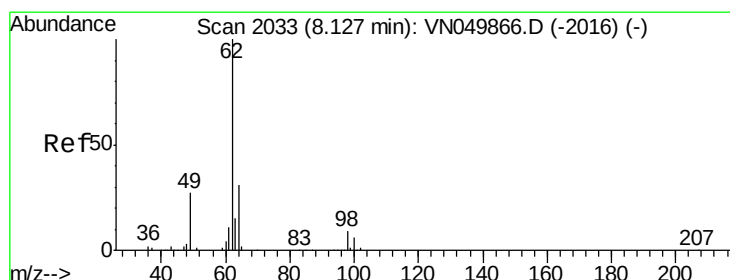
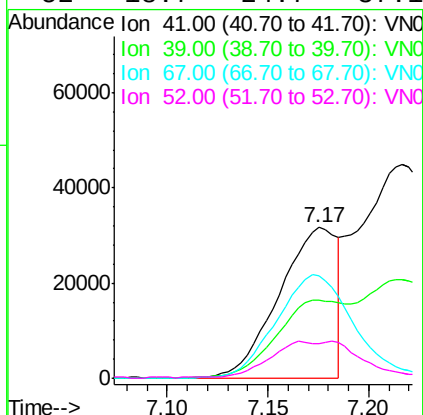
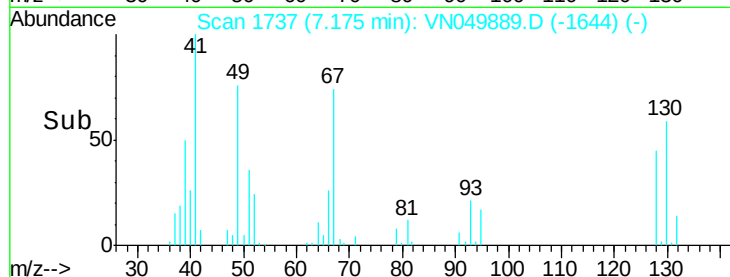
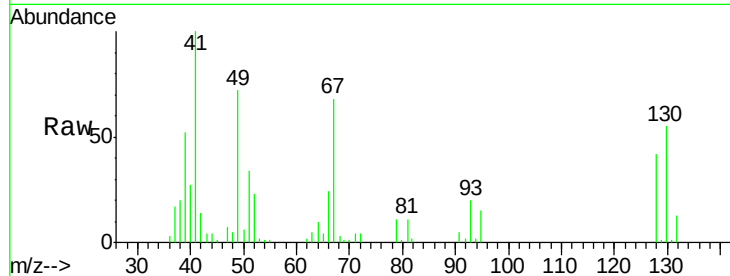
#41
Methacrylonitrile
Concen: 18.52 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	41	Resp	63351
Ion Ratio	Lower	Upper	
41	100		
39	63.7	45.4	68.2
67	91.9	65.4	98.0
52	18.7	24.7	37.1#

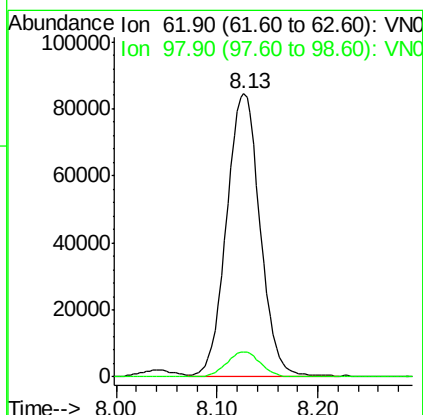
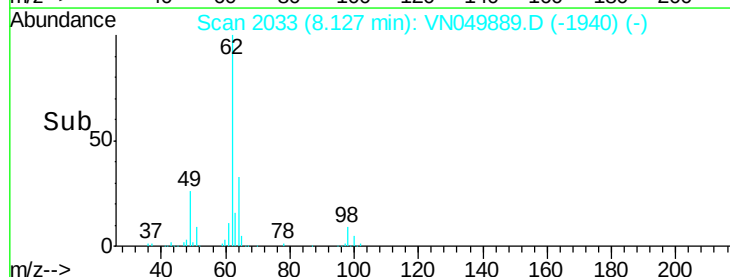
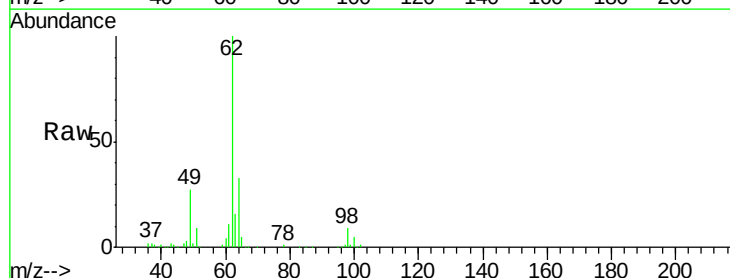
Manual Integrations
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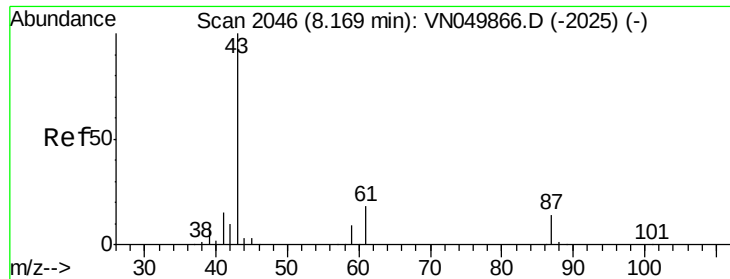
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#42
1,2-Dichloroethane
Concen: 19.43 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	62	Resp	194885
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.52 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

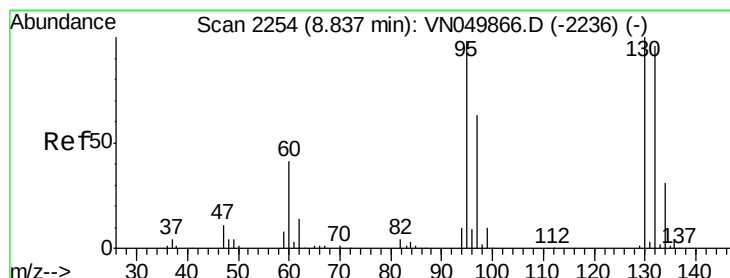
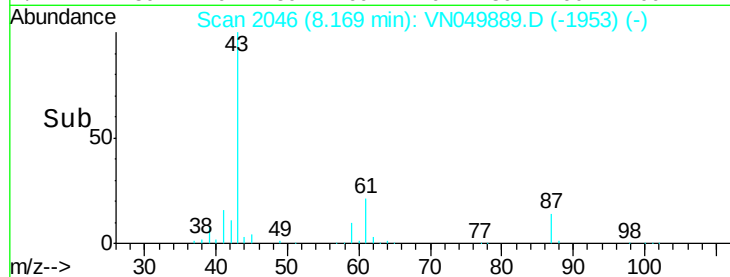
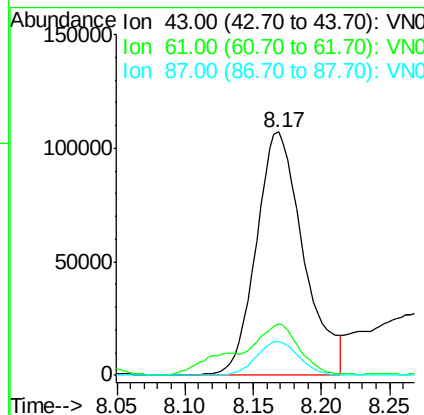
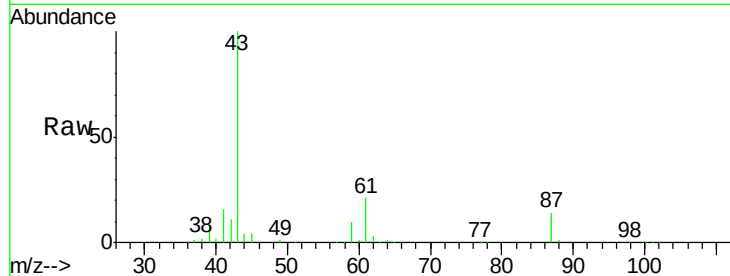
ClientSampleId :

VN0718WBS02

Tot Ion:	43	Resp:	256620
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	12.6	10.0	15.0

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#44

Trichloroethene

Concen: 18.99 ug/l

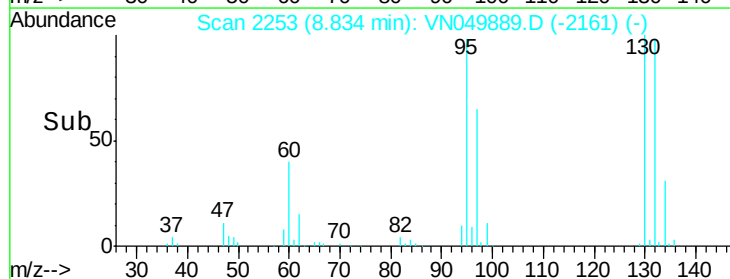
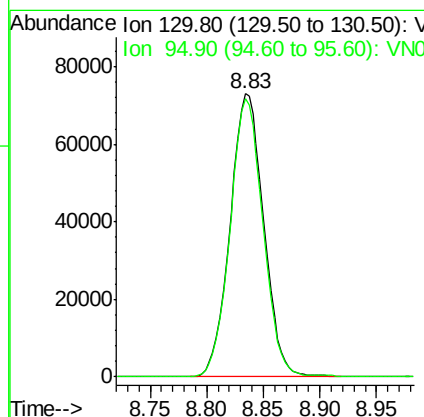
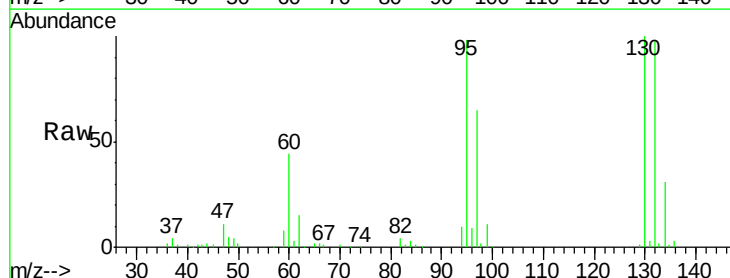
RT: 8.83 min Scan# 2253

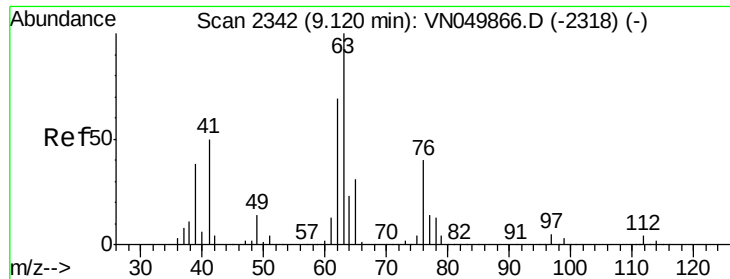
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	130	Resp:	150794
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	192.8





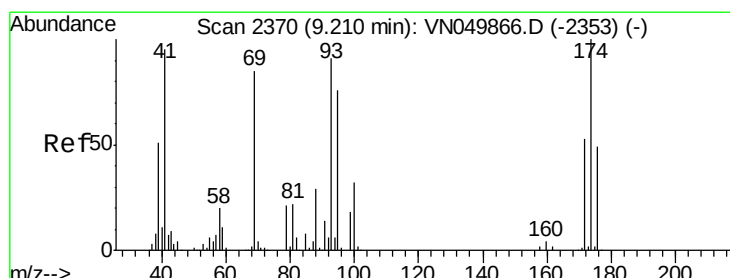
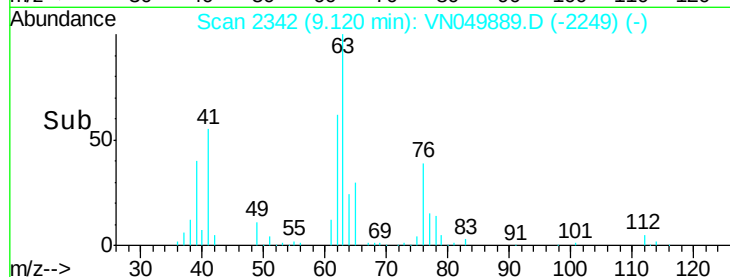
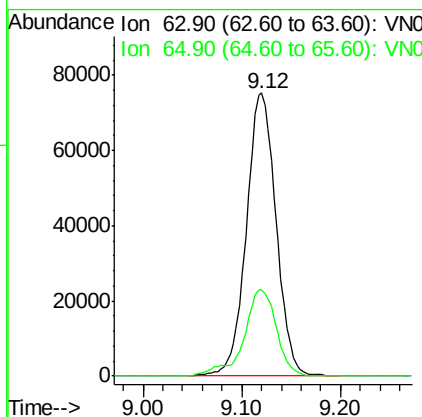
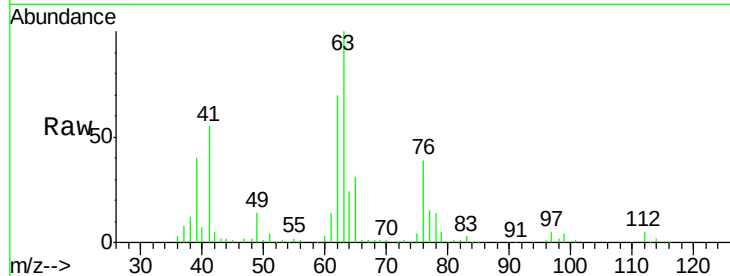
#45
 1,2-Dichloropropane
 Concen: 19.14 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion: 63 Resp: 156418
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

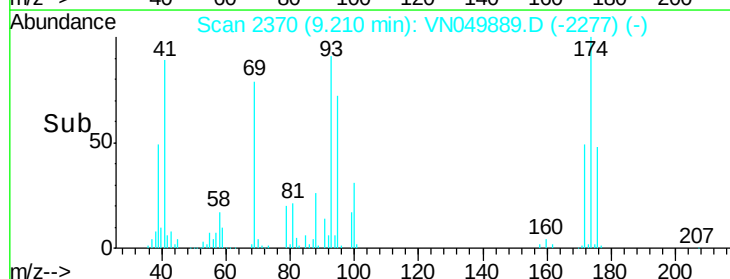
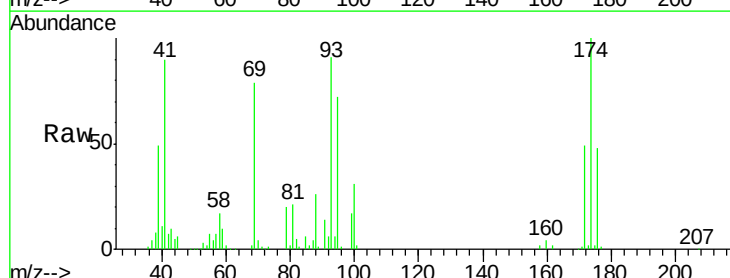
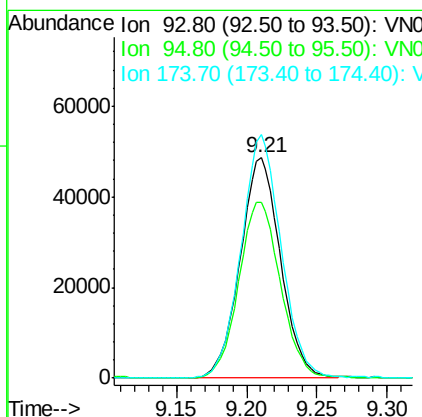
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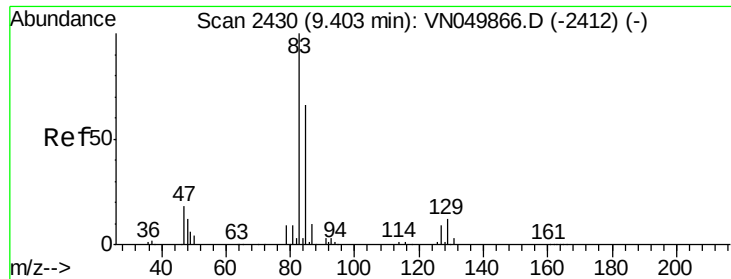
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#46
 Dibromomethane
 Concen: 19.26 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 93 Resp: 97609
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.9 101.9
 174 109.5 89.4 134.0





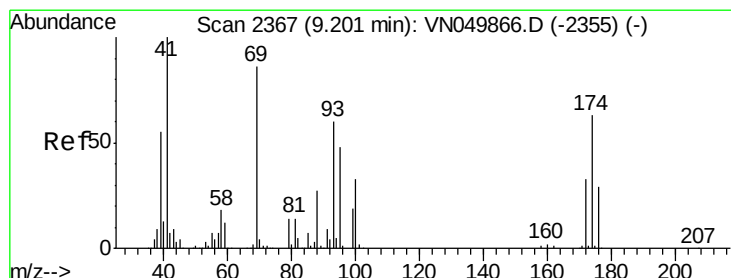
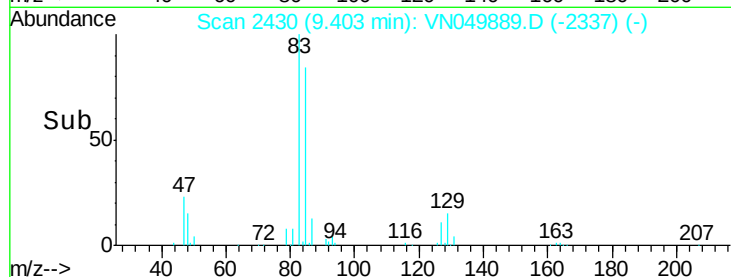
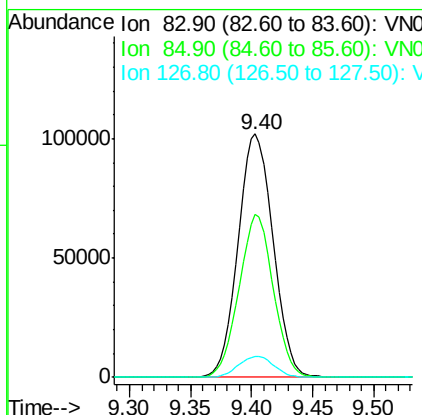
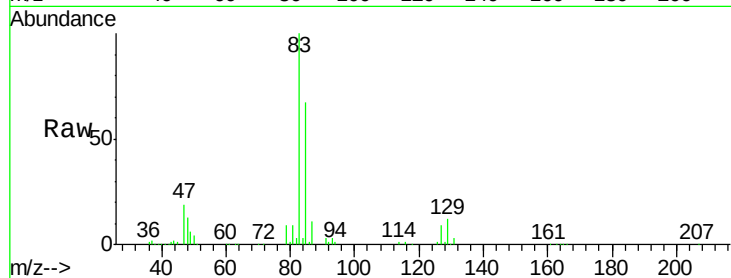
#47
Bromodichloromethane
Concen: 19.30 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.5	75.7
127	8.7	6.8	10.2

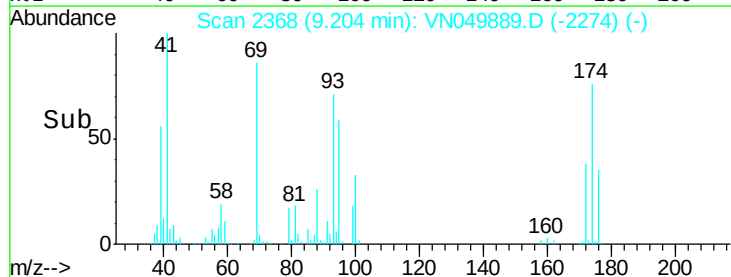
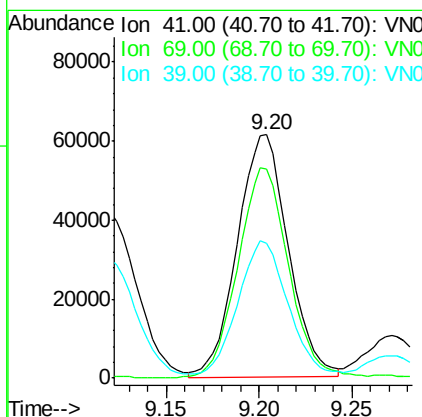
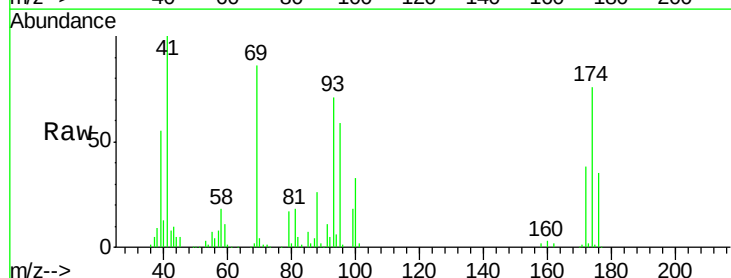
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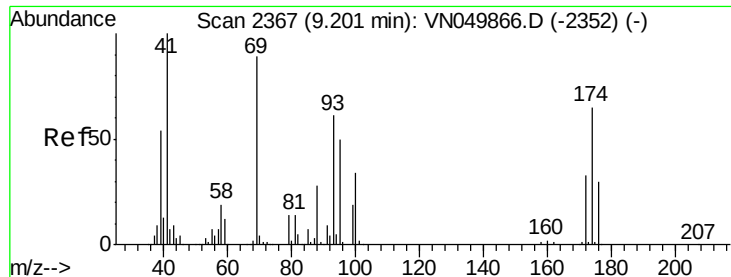
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#48
Methyl methacrylate
Concen: 19.62 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.2	71.5	107.3
39	56.3	44.7	67.1





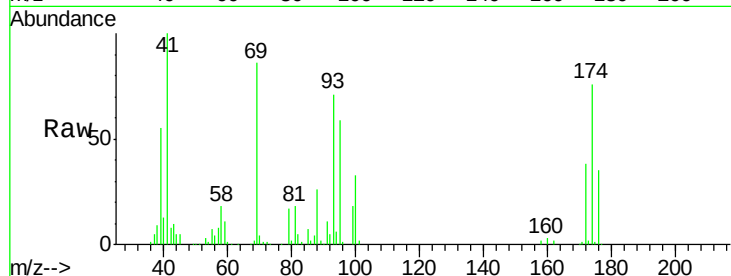
#49
1,4-Dioxane
Concen: 399.45 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

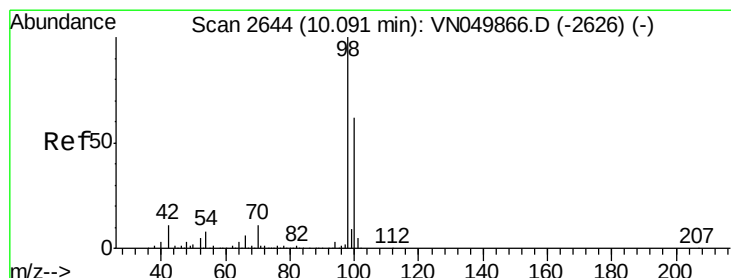
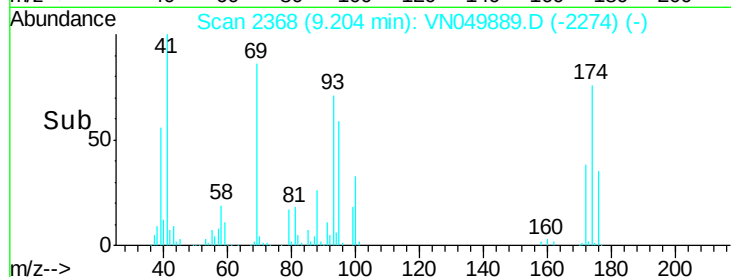
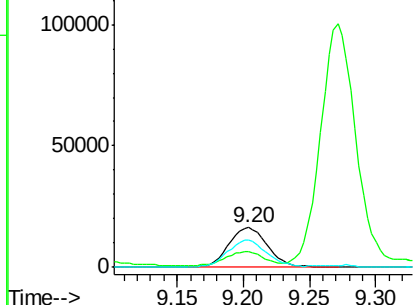
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.8	25.1	37.7	
58	68.7	52.5	78.7	

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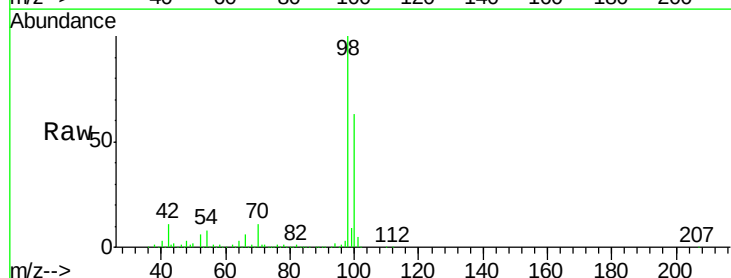


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

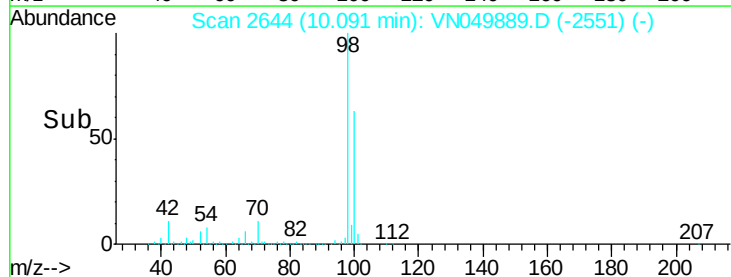
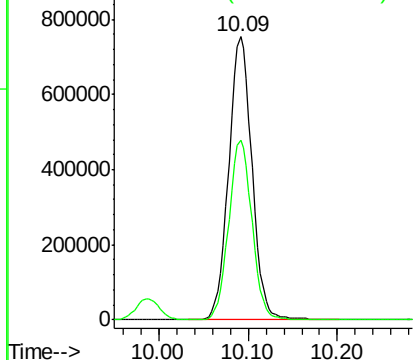


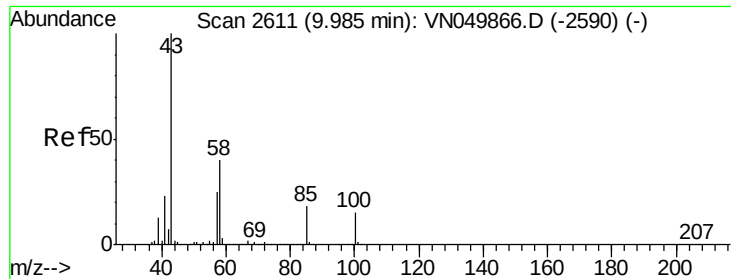
#50
Toluene-d8
Concen: 49.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.7	51.7	77.5	



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 104.95 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion: 43 Resp: 699444

Ion Ratio Lower Upper

43 100

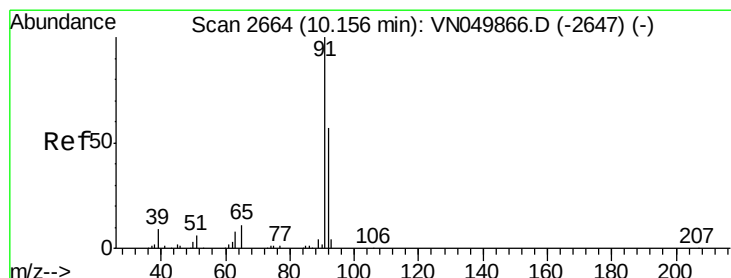
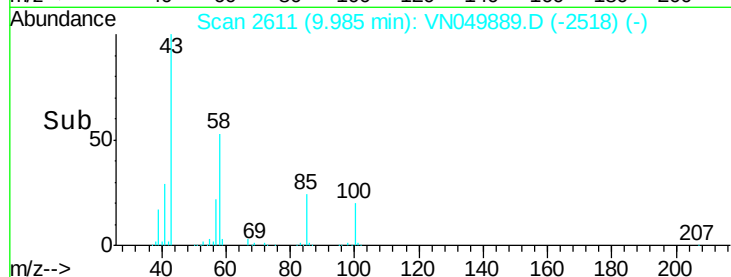
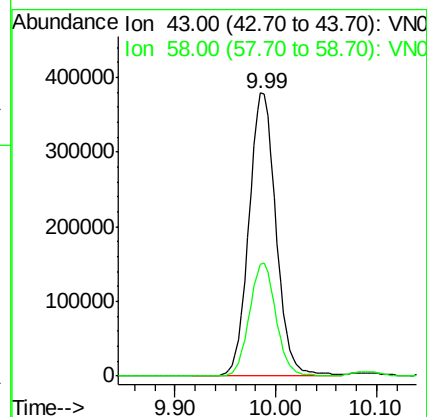
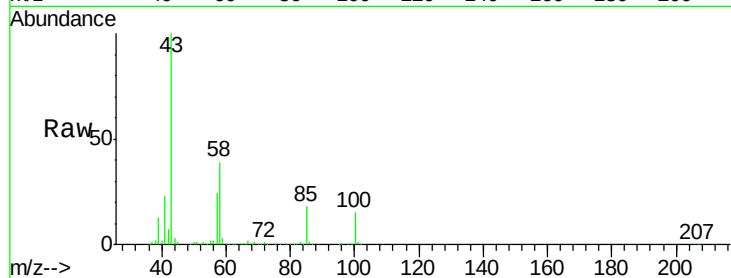
58 39.2 31.8 47.8

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#52

Toluene

Concen: 19.84 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049889.D

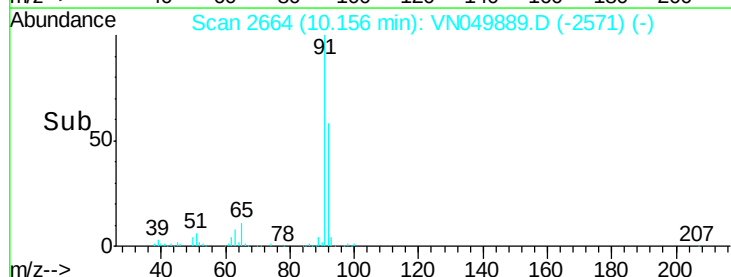
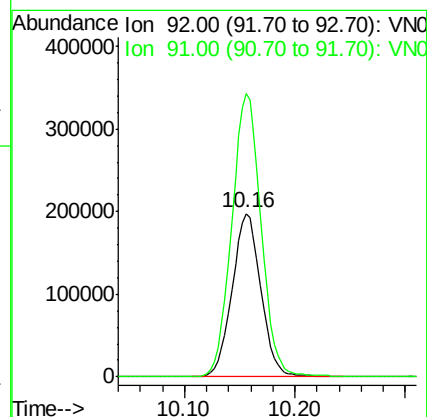
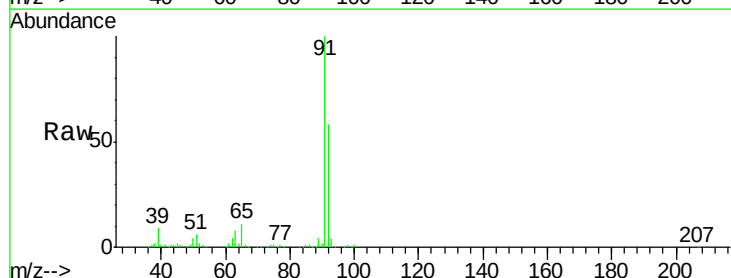
Acq: 18 Jul 2018 23:15

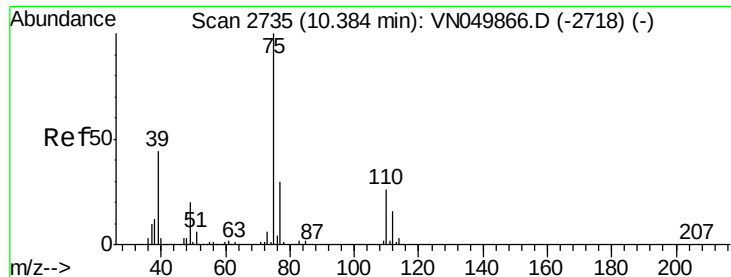
Tgt Ion: 92 Resp: 358415

Ion Ratio Lower Upper

92 100

91 176.1 140.1 210.1





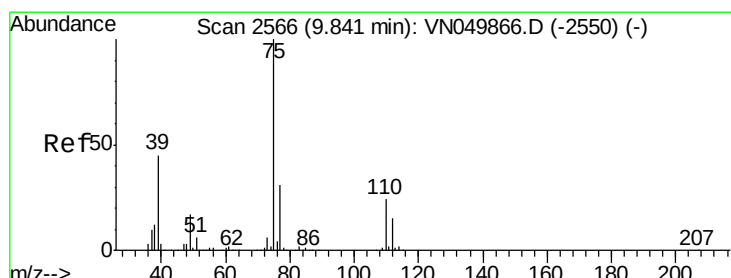
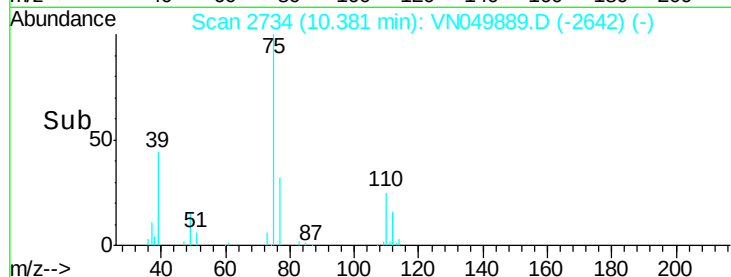
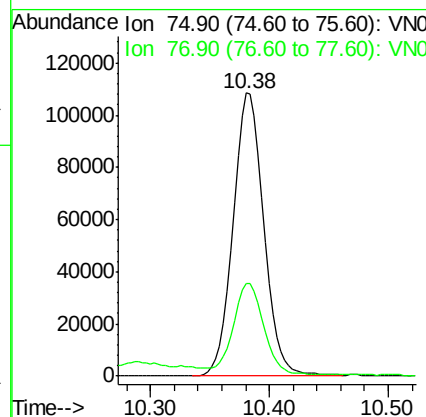
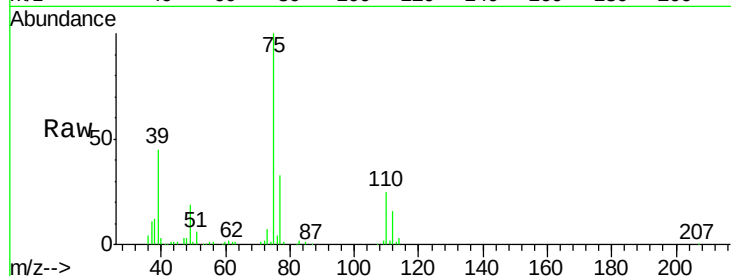
#53
t-1,3-Dichloropropene
Concen: 18.71 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.2	37.8

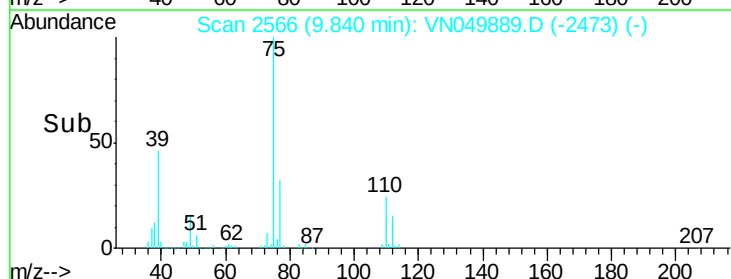
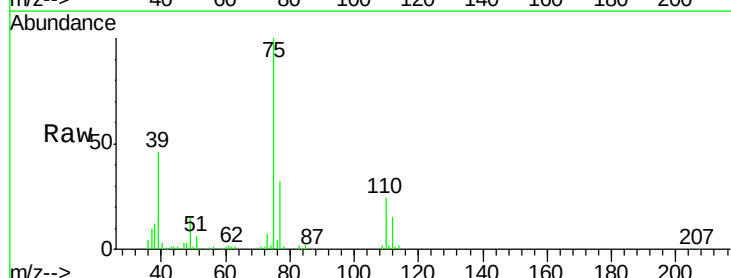
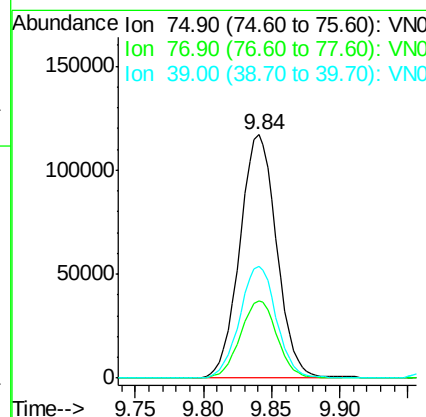
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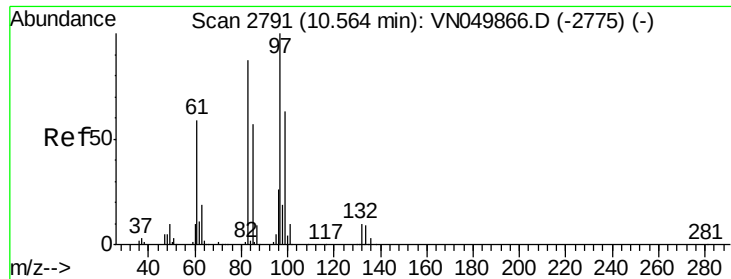
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#54
cis-1,3-Dichloropropene
Concen: 19.14 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	45.6	35.5	53.3





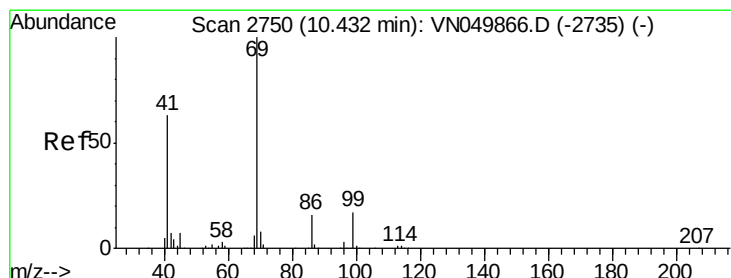
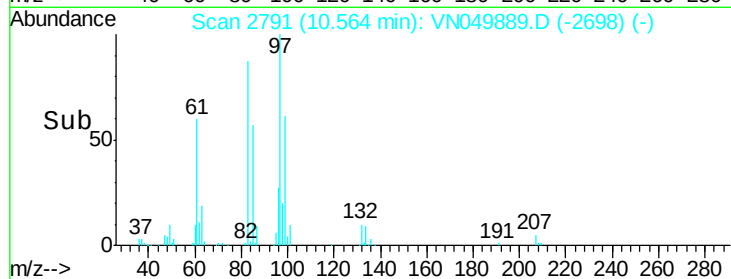
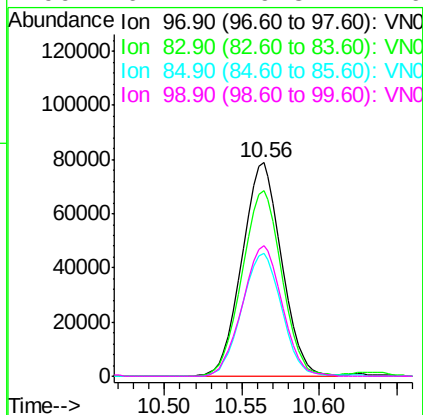
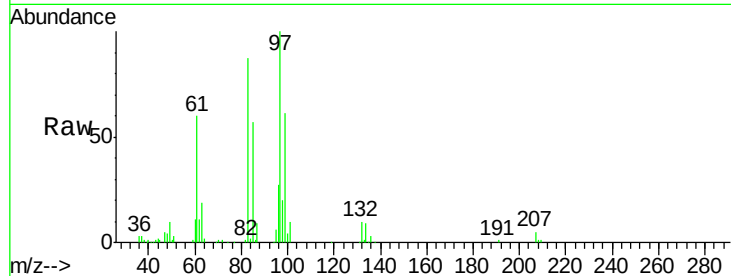
#55
 1,1,2-Trichloroethane
 Concen: 18.84 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140616		
83	87.0	69.0	103.6		
85	57.3	44.9	67.3		
99	61.4	49.8	74.6		

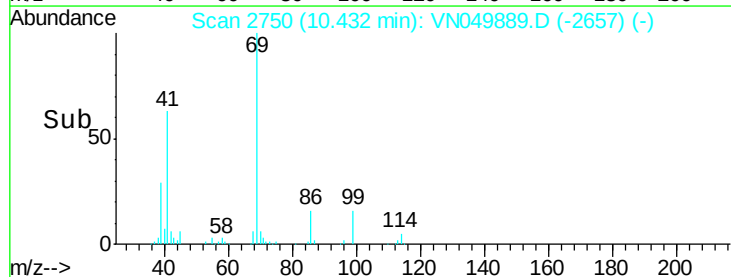
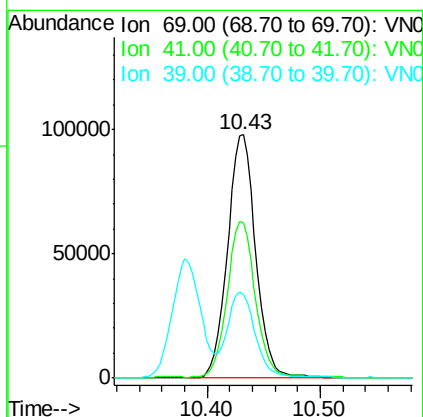
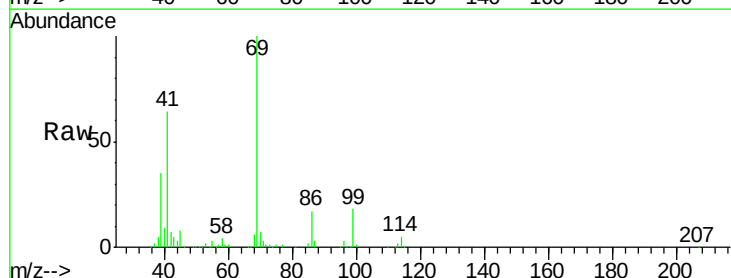
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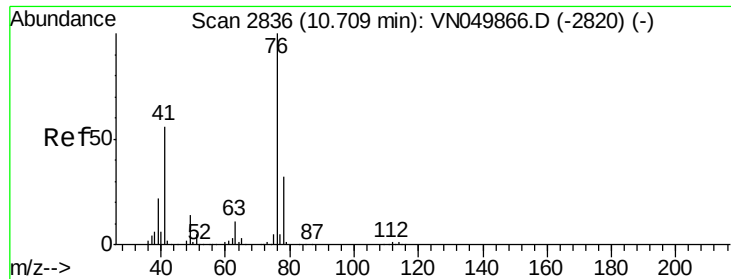
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#56
 Ethyl methacrylate
 Concen: 18.35 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		169663		
41	63.5	51.6	77.4		
39	35.6	25.8	38.8		





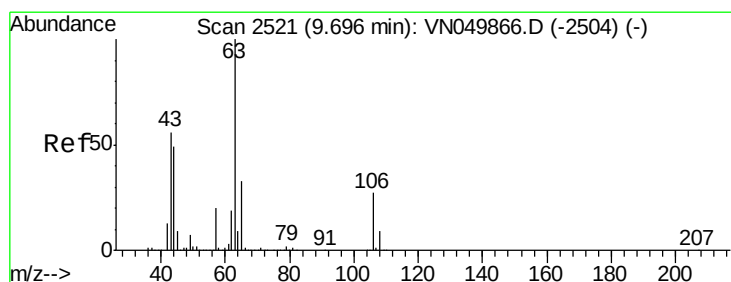
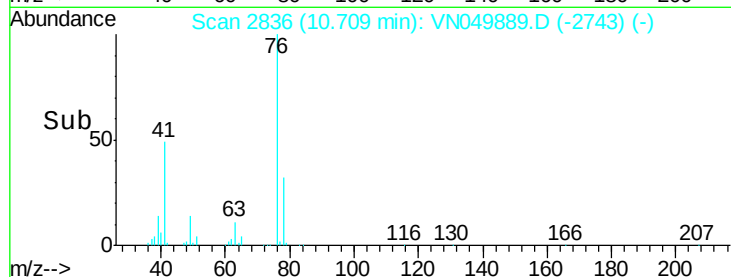
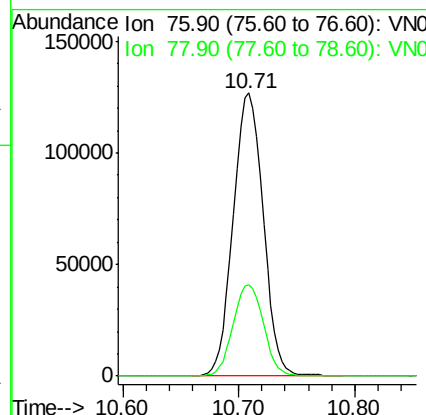
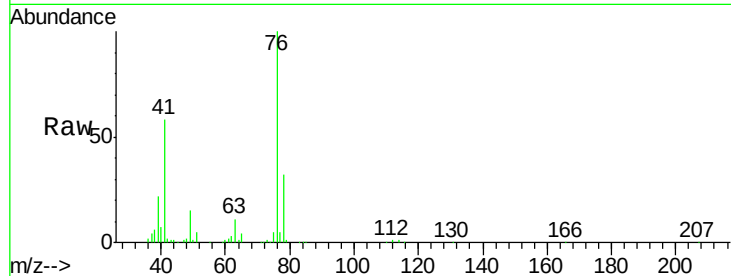
#57
 1,3-Dichloropropane
 Concen: 19.31 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.8

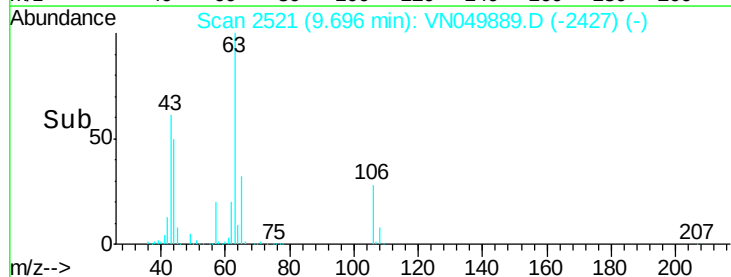
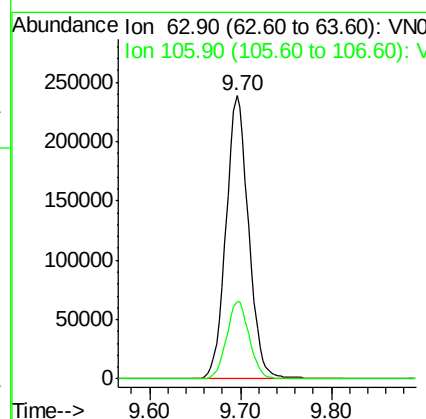
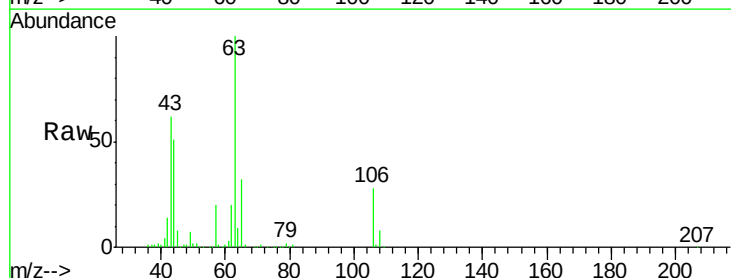
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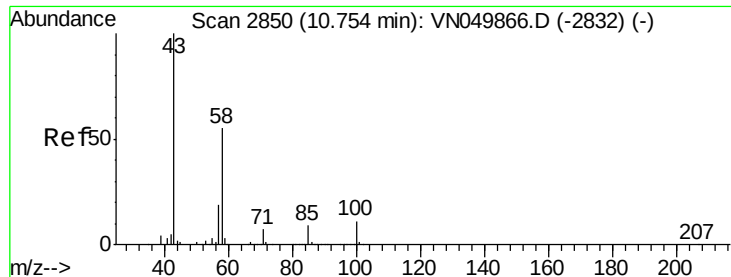
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.59 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.8	32.8





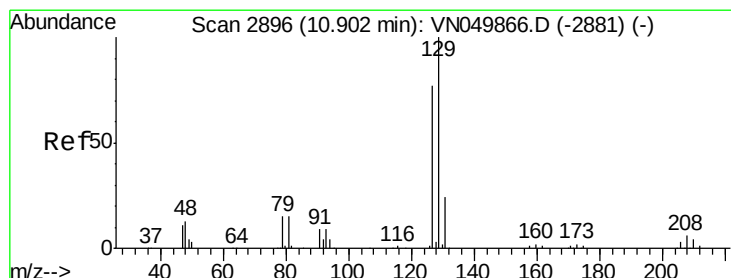
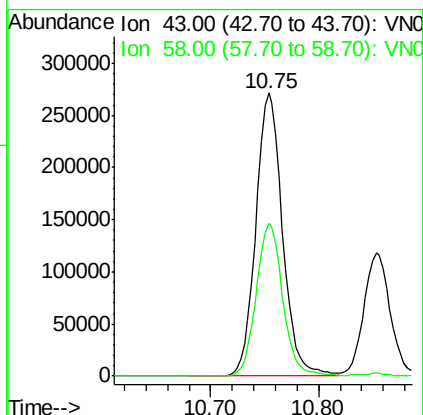
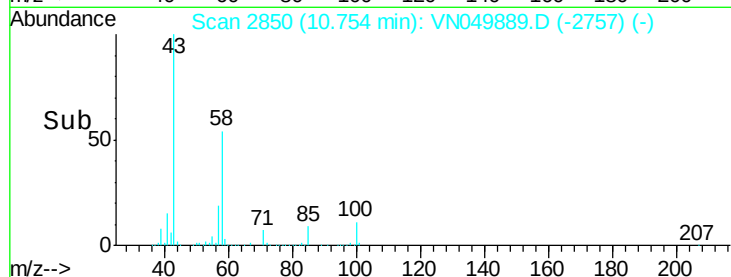
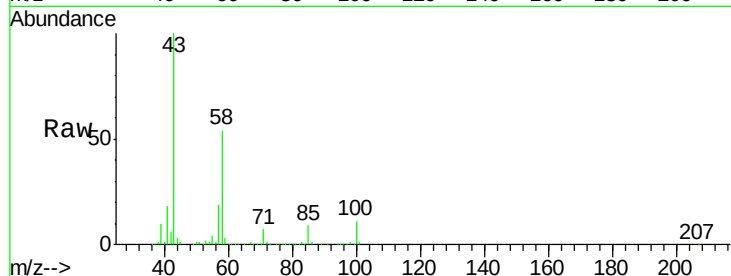
#59
2-Hexanone
Concen: 103.63 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion: 43 Resp: 463927
Ion Ratio Lower Upper
43 100
58 53.8 27.8 83.4

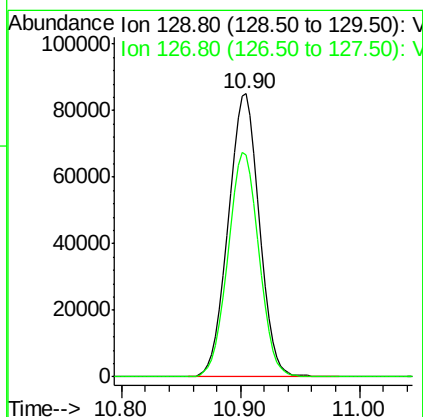
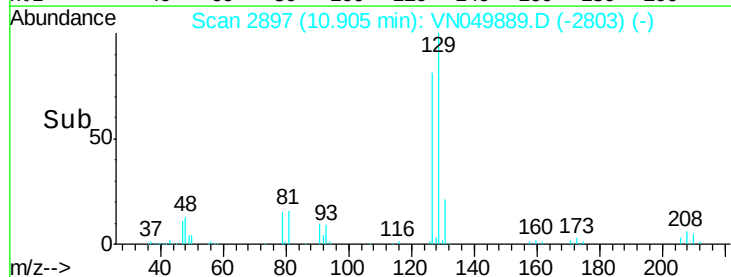
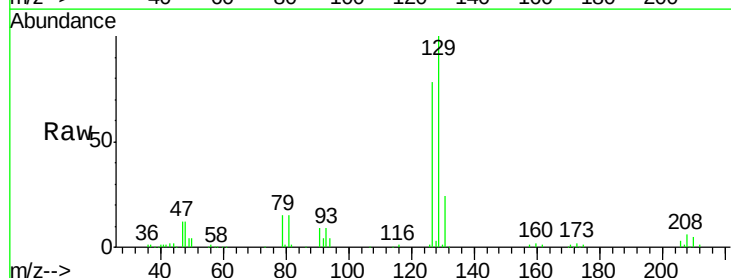
Manual Integrations
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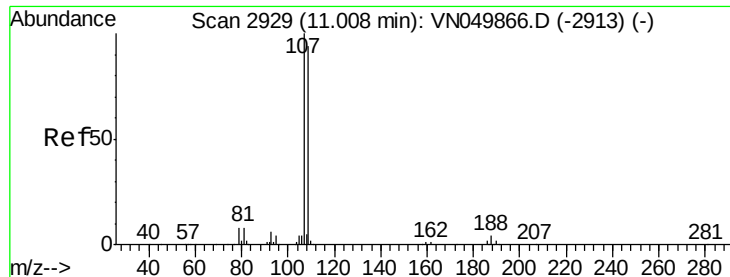
apatel
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#60
Dibromochloromethane
Concen: 18.79 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 129 Resp: 153829
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9





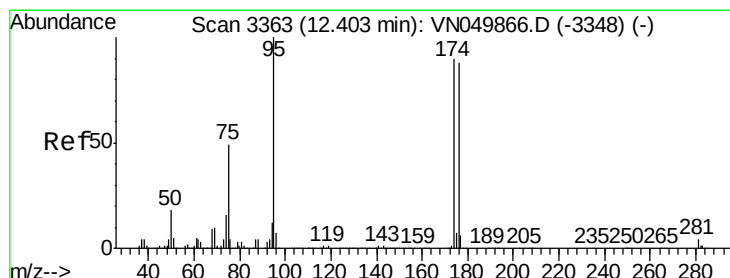
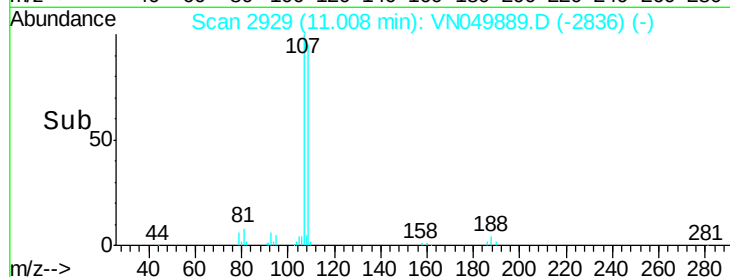
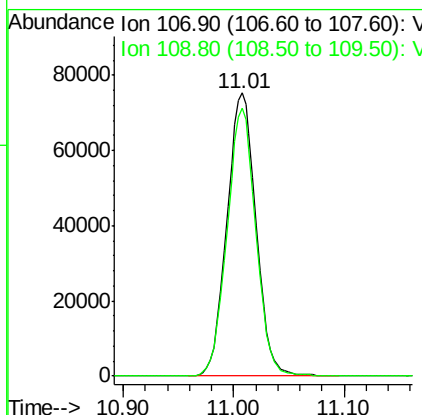
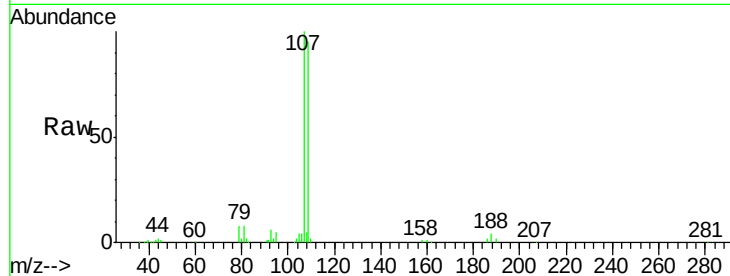
#61
 1,2-Dibromoethane
 Concen: 19.73 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.6

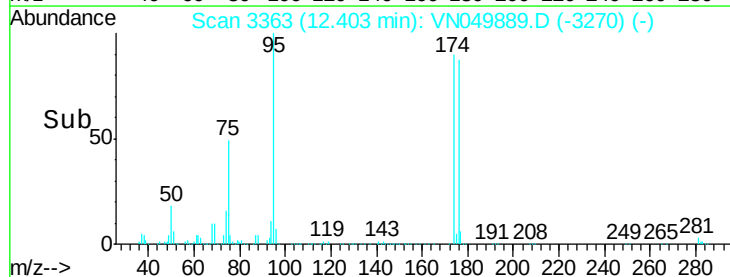
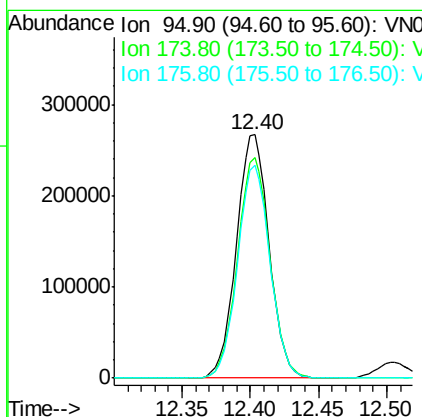
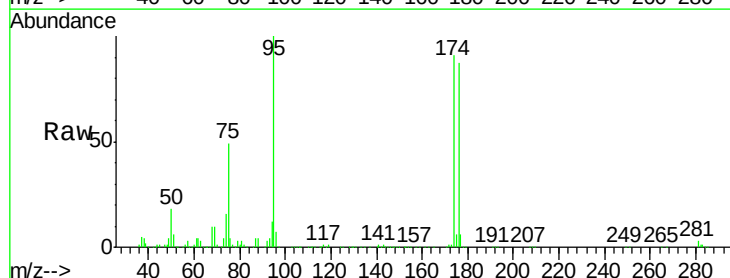
Manual Integrations
 APPROVED

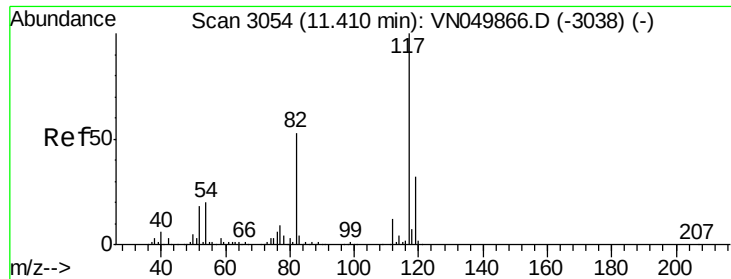
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.16 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	179.6
176	86.5	0.0	174.0





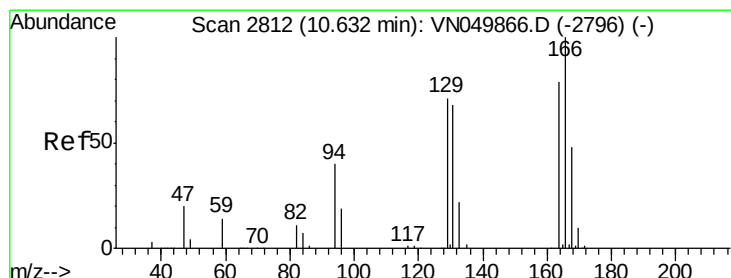
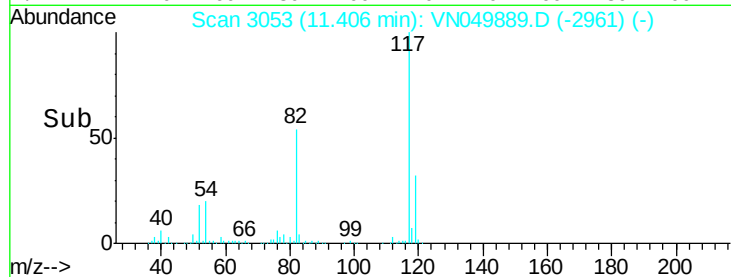
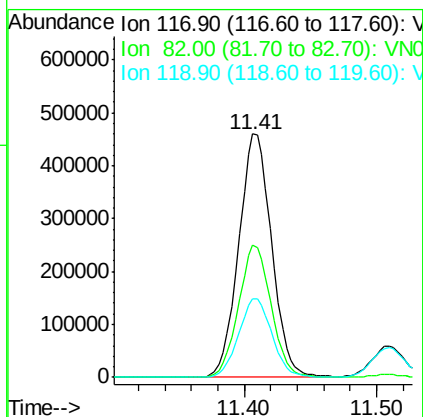
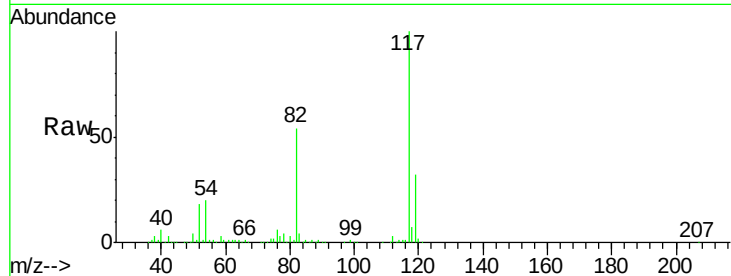
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	795864		
82	54.1		41.9	62.9
119	32.5		25.4	38.2

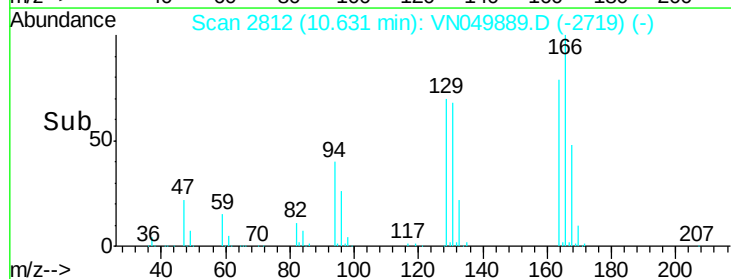
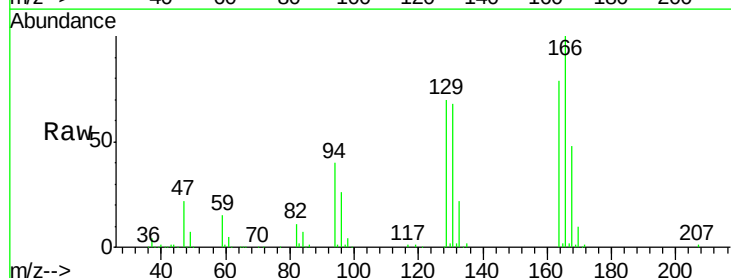
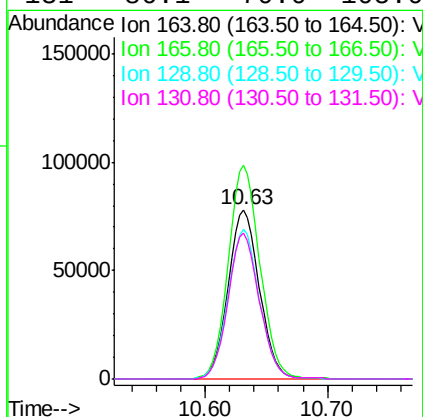
Manual Integrations
APPROVED

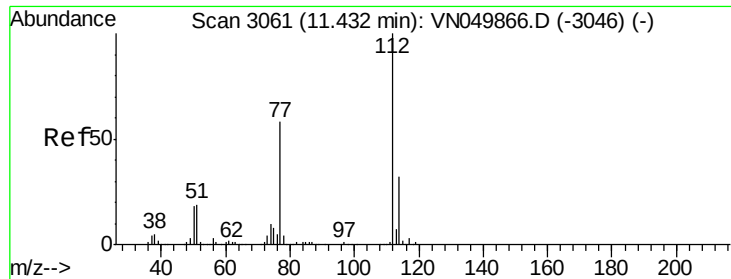
apatel
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#64
Tetrachloroethene
Concen: 19.51 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139511		
166	126.3		101.8	152.6
129	88.8		72.8	109.2
131	86.1		70.0	105.0





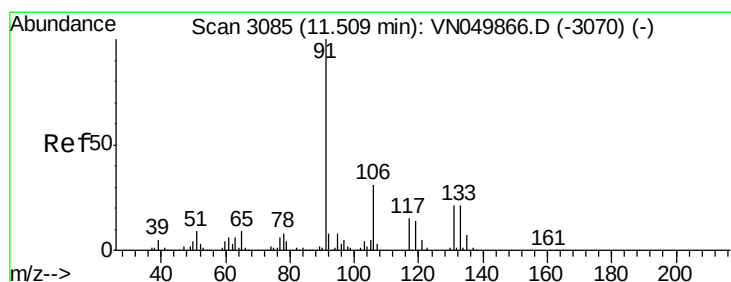
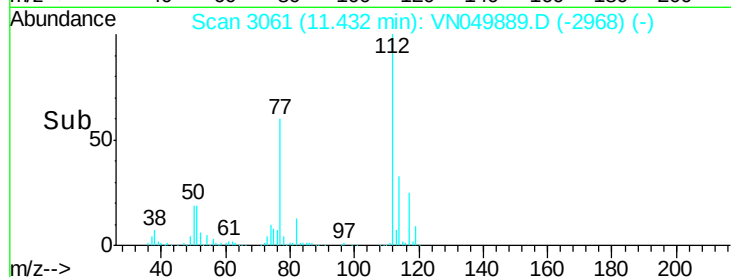
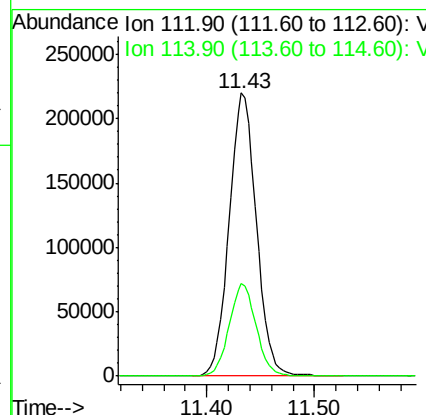
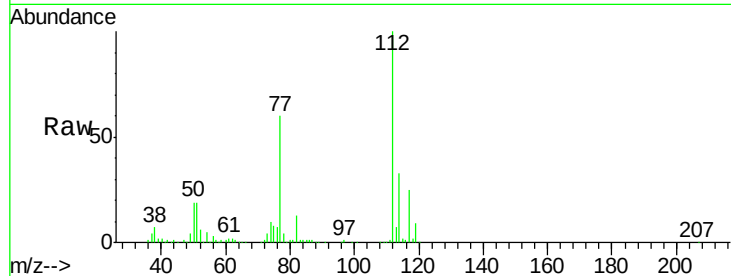
#65
Chlorobenzene
Concen: 19.29 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

Tot Ion:112 Resp: 385804
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

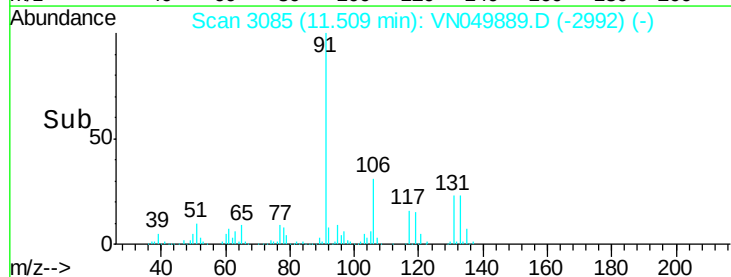
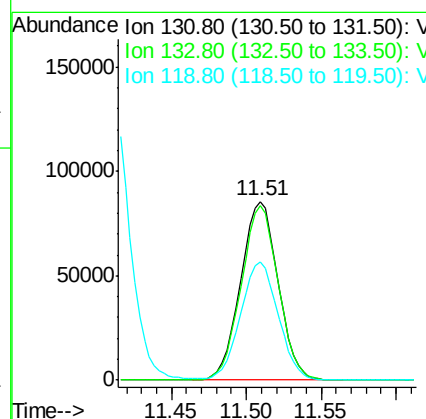
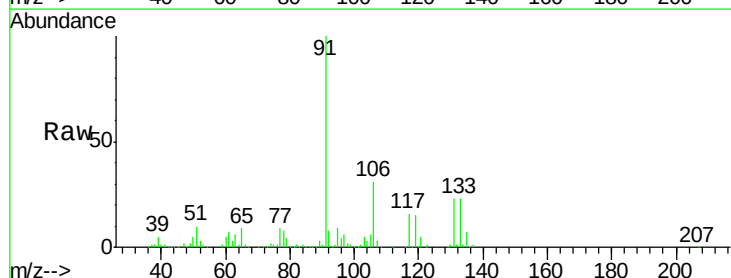
Manual Integrations
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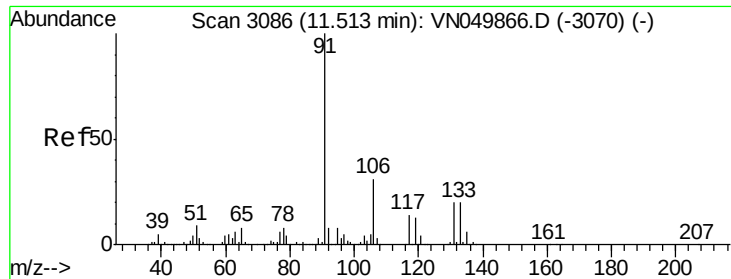
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.31 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion:131 Resp: 149581
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 66.5 33.1 99.3





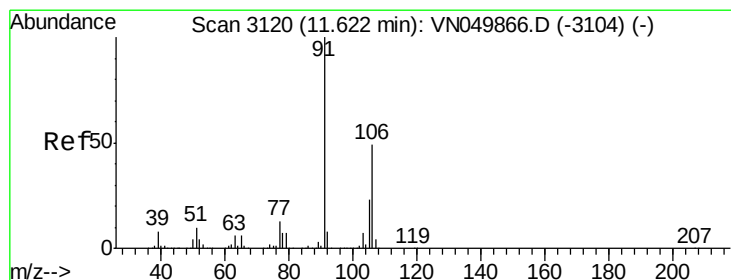
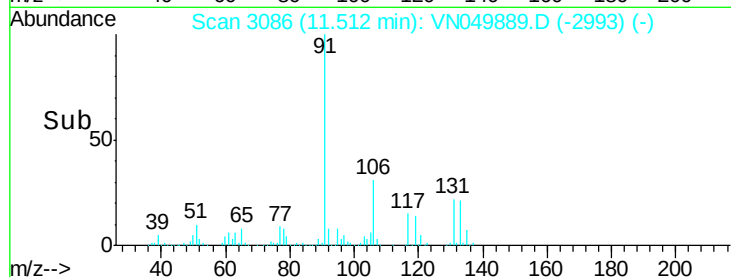
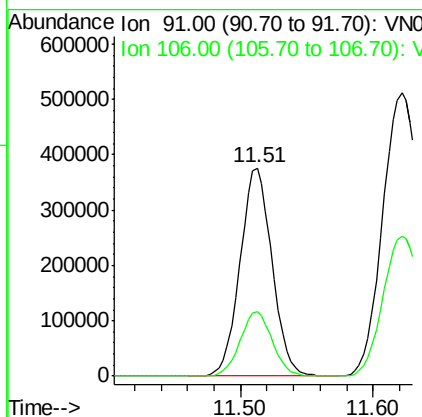
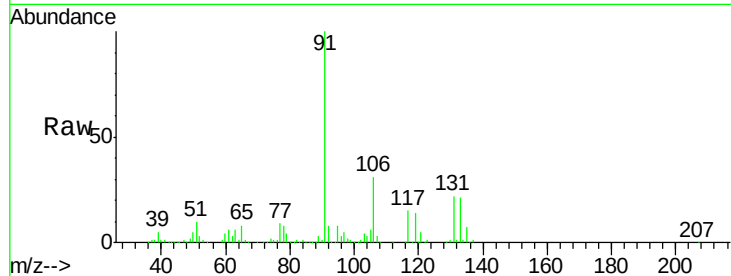
#67
Ethyl Benzene
Concen: 19.41 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS02

Tot Ion: 91 Resp: 629677
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2

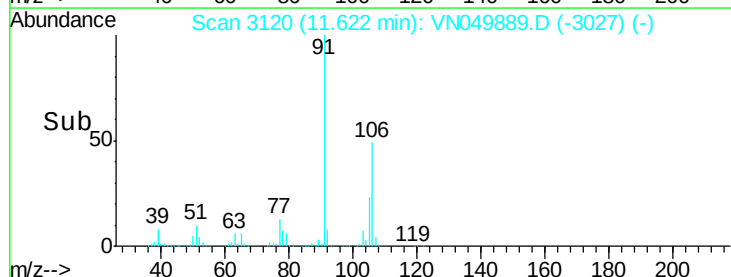
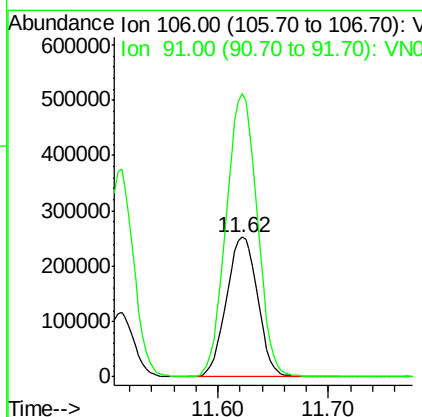
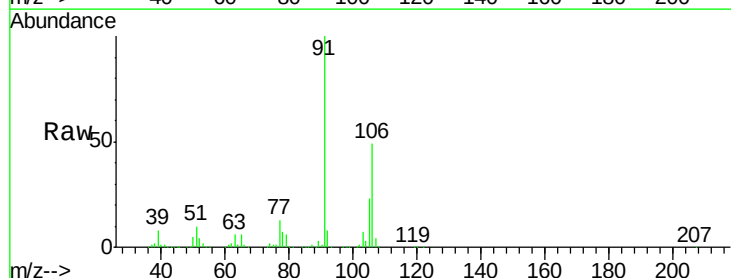
Manual Integrations
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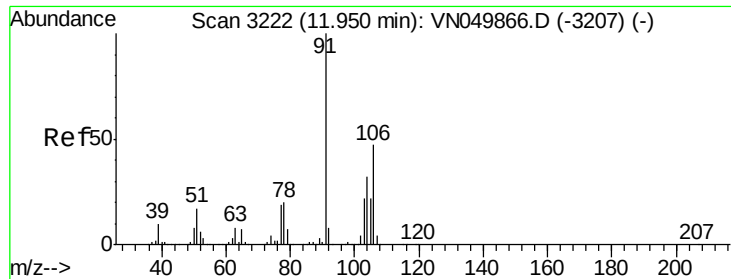
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#68
m/p-Xylenes
Concen: 40.40 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 106 Resp: 496065
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2





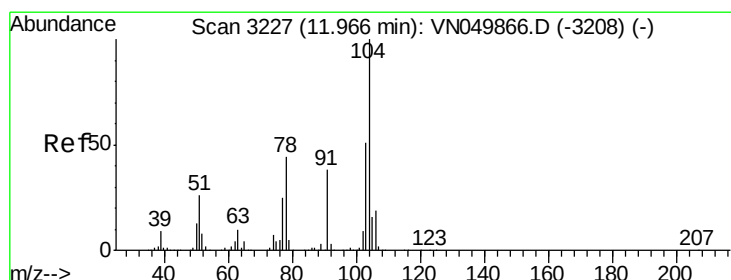
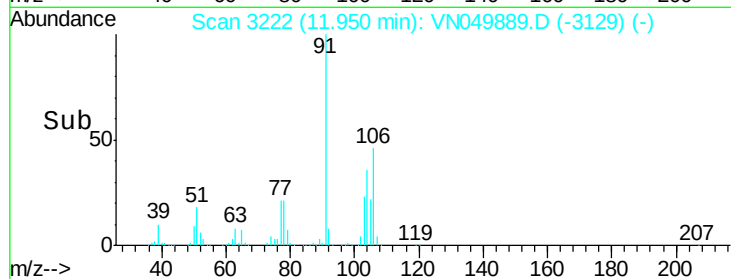
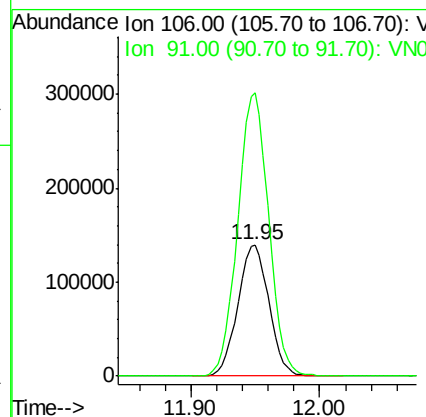
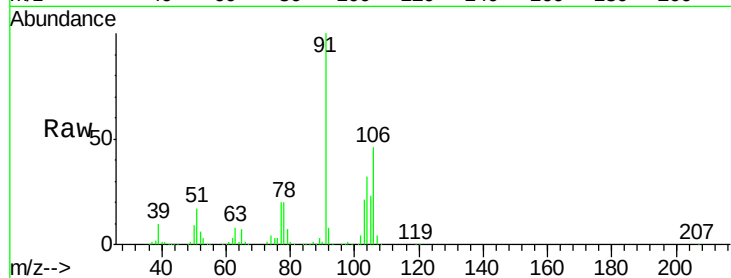
#69
o-Xylene
Concen: 19.74 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :
VN0718WBS02

Tot Ion:106 Resp: 232769
Ion Ratio Lower Upper
106 100
91 215.7 108.7 326.1

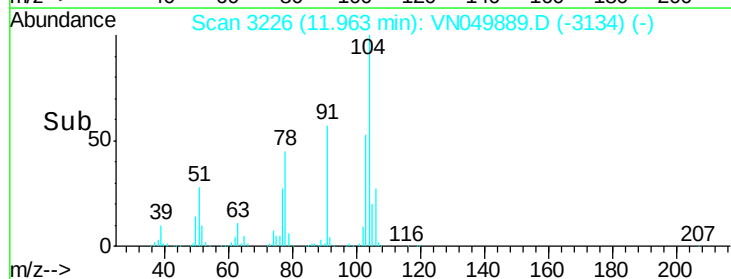
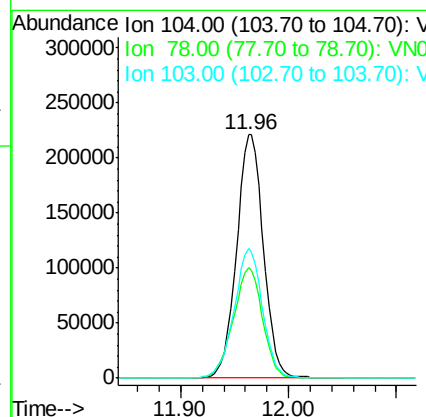
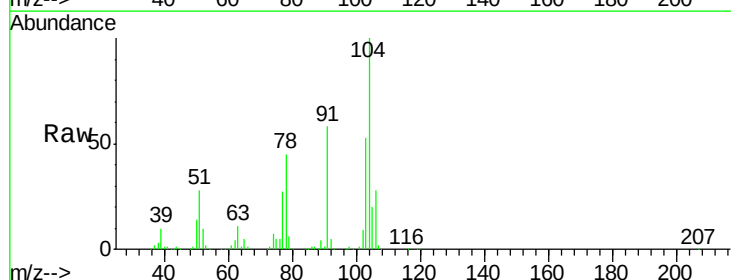
Manual Integrations
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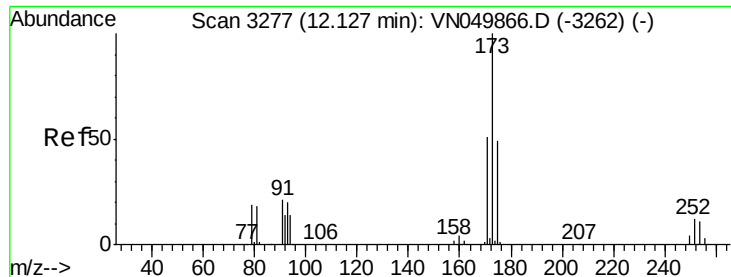
apatel
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#70
Styrene
Concen: 20.11 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion:104 Resp: 384239
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.3 44.6 67.0





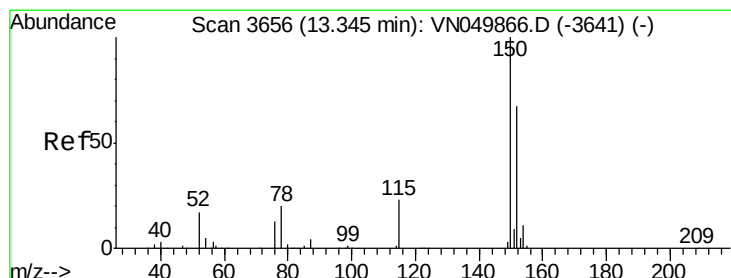
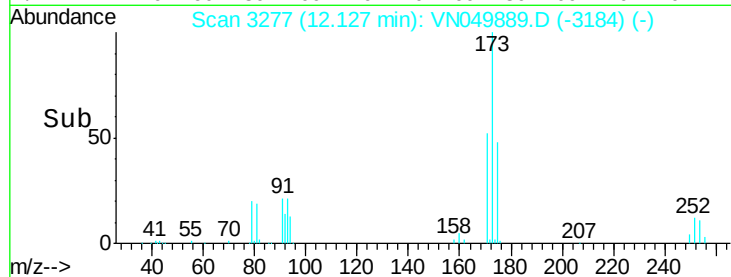
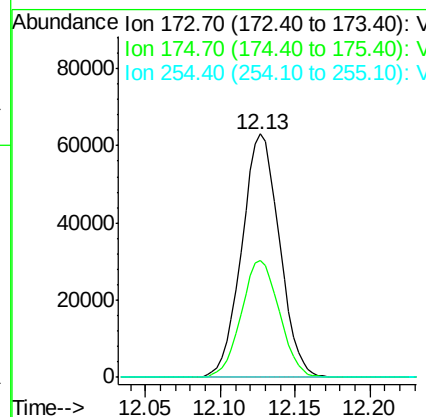
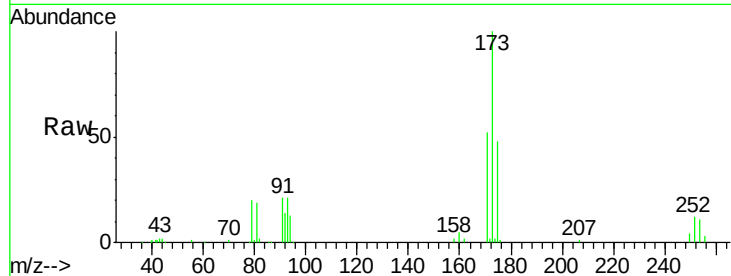
#71
 Bromoform
 Concen: 19.96 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.8
254	0.0	0.2	0.2#

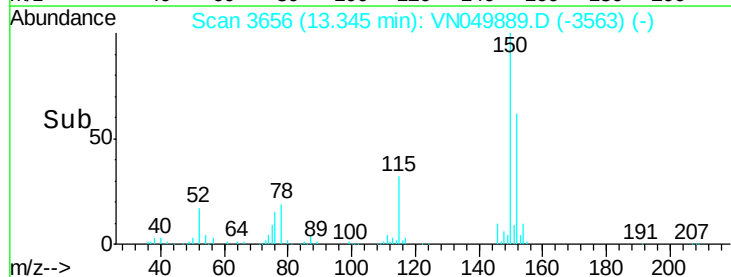
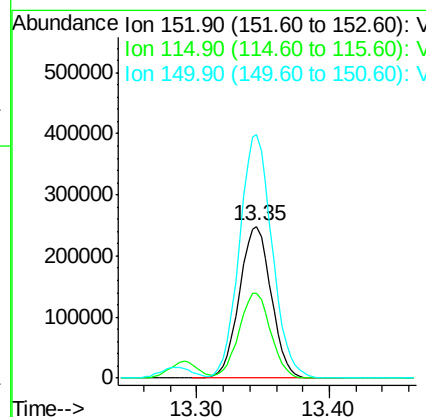
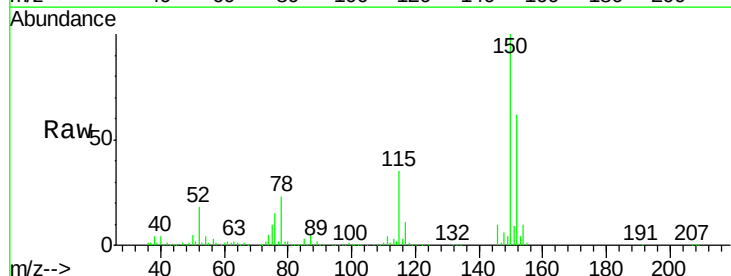
Manual Integrations
 APPROVED

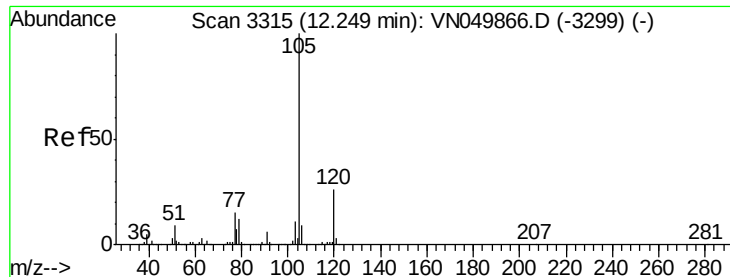
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.1	84.2
150	165.2	0.0	347.6





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion: 105 Resp: 626103

Ion Ratio Lower Upper

105 100

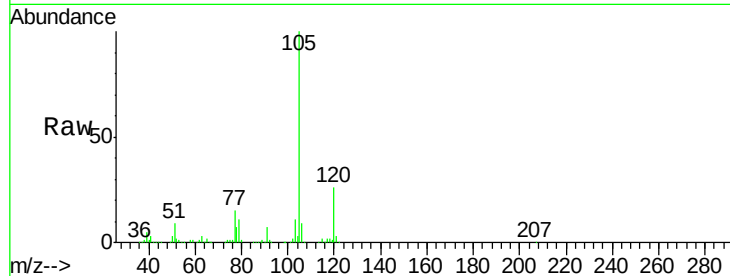
120 26.2 13.3 39.8

Manual Integrations

APPROVED

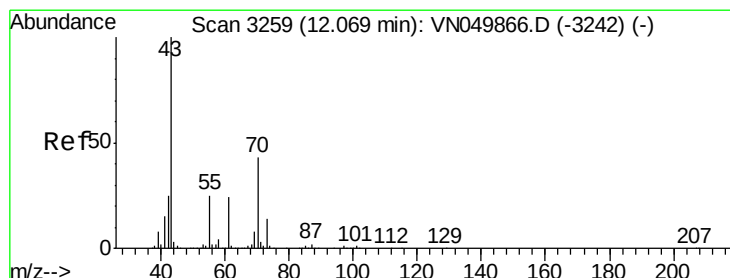
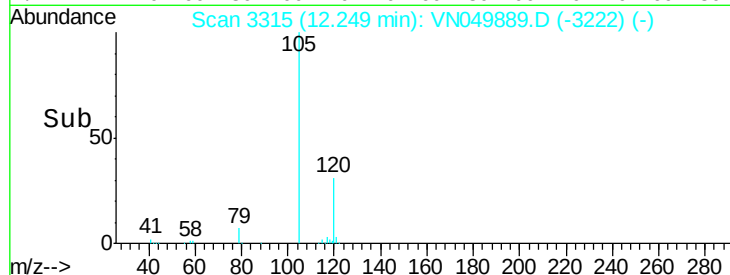
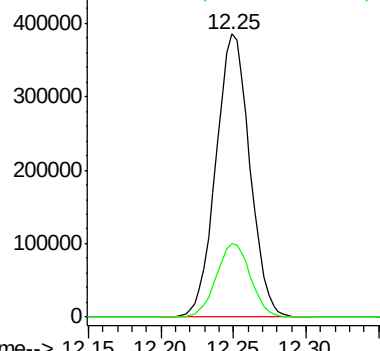
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.32 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion: 43 Resp: 194159

Ion Ratio Lower Upper

43 100

70 42.9 34.8 52.2

55 26.6 20.9 31.3

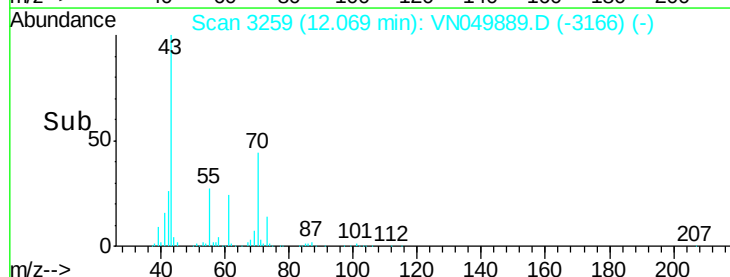
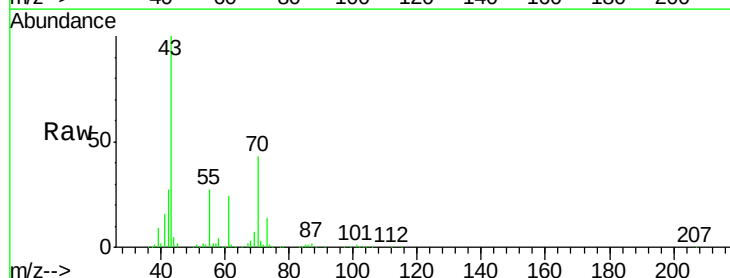
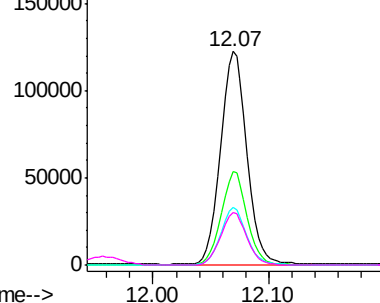
61 24.5 19.9 29.9

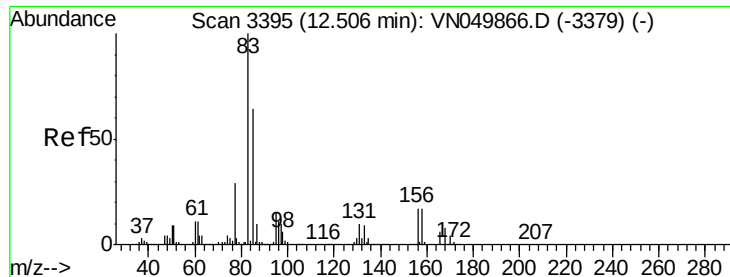
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.86 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

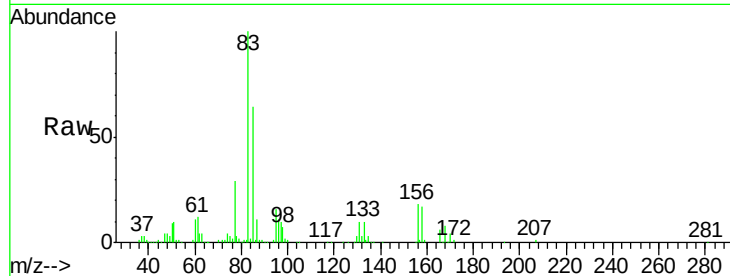
ClientSampleId :

VN0718WBS02

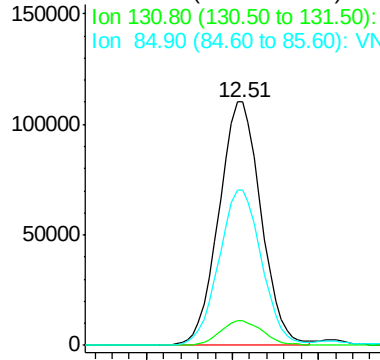
Tot Ion:	83	Resp:	186781
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	64.7	32.5	97.4

Manual Integrations
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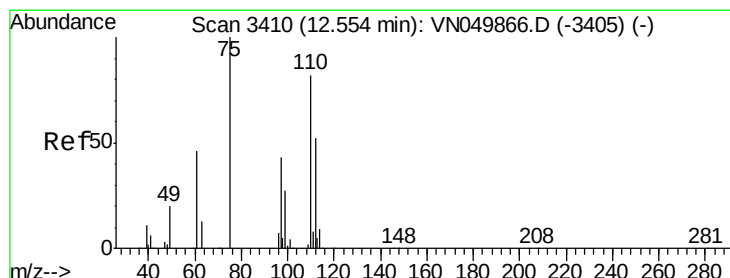
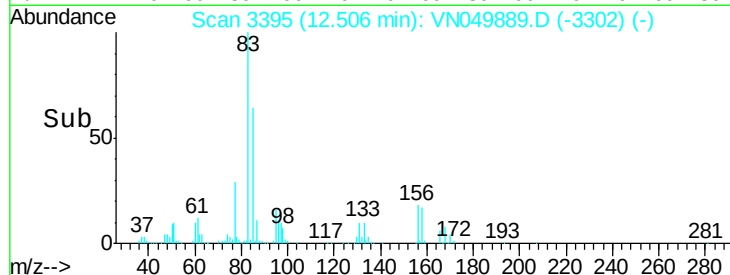
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Abundance Ion 82.90 (82.60 to 83.60): VN049889.D (-3302) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.55 ug/l m

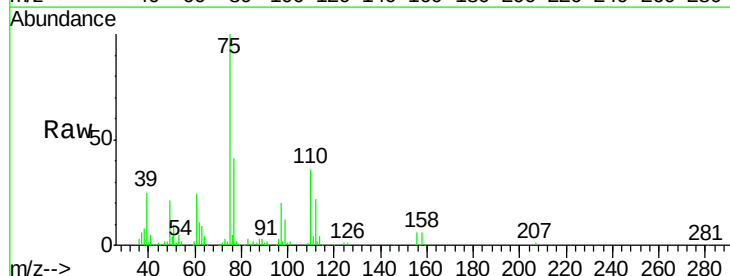
RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

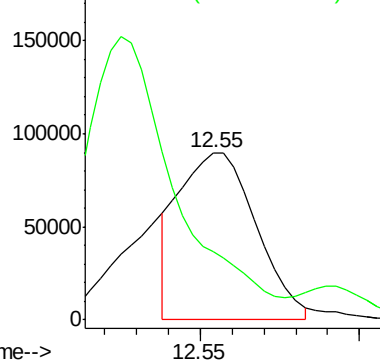
Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

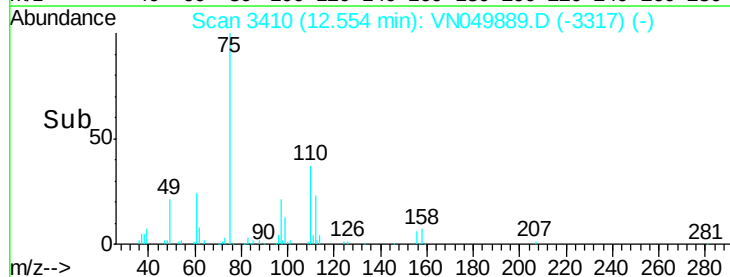
Tgt Ion:	75	Resp:	151538
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

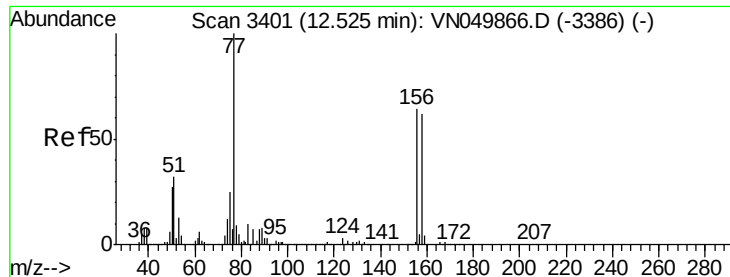


Abundance Ion 74.90 (74.60 to 75.60): VN049889.D (-3317) (-)



Time-->





#77

Bromobenzene

Concen: 19.38 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

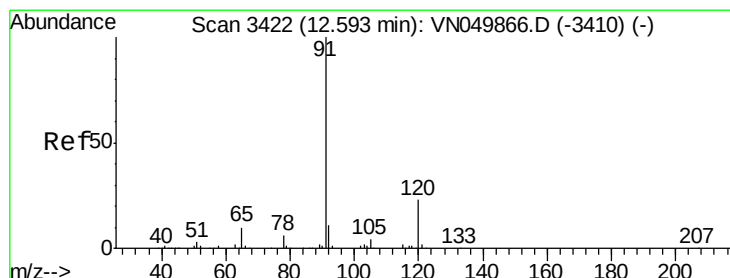
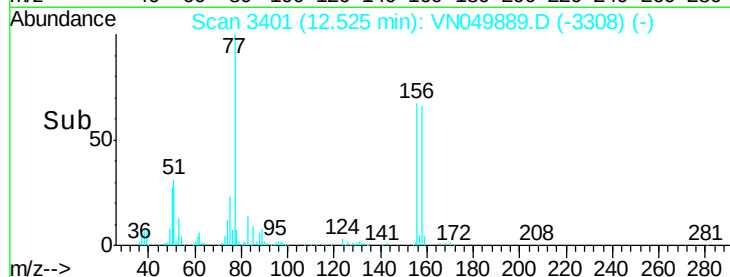
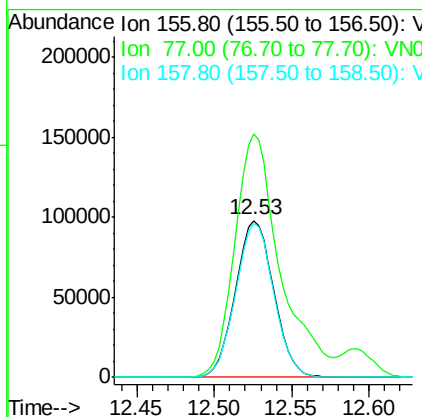
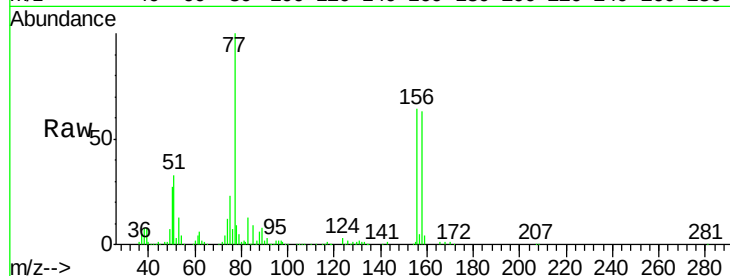
ClientSampleId :

VN0718WBS02

Tot Ion:	156	Resp:	168038
Ion Ratio	Lower	Upper	
156	100		
77	184.5	90.2	270.6
158	98.2	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.04 ug/l

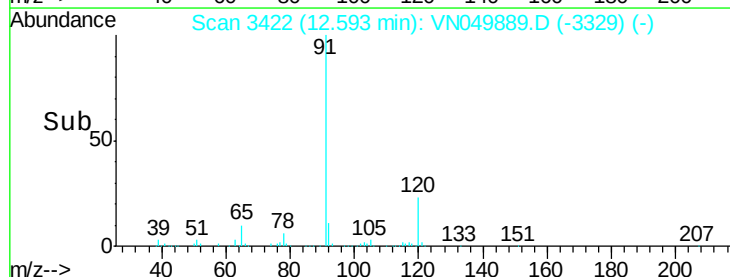
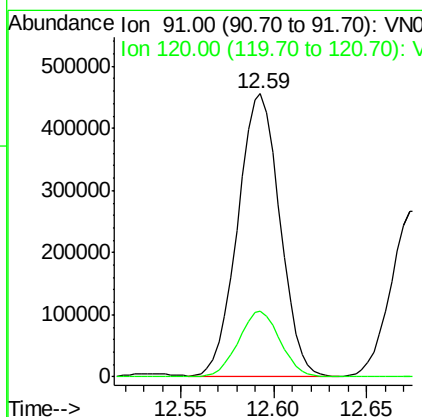
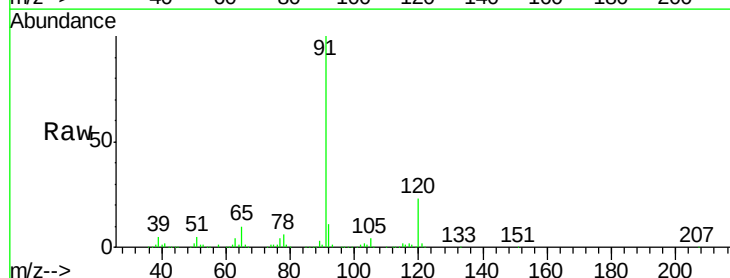
RT: 12.59 min Scan# 3422

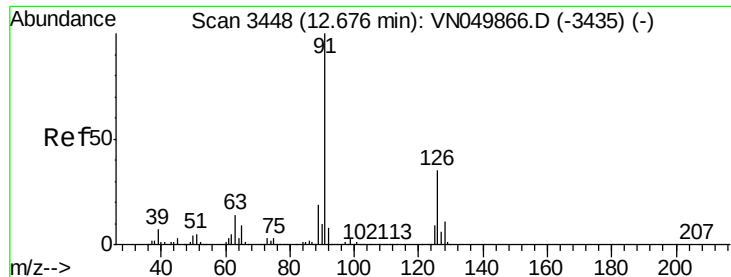
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	91	Resp:	715205
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.00 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

VN0718WBS02

Tot Ion: 91 Resp: 438321

Ion Ratio Lower Upper

91 100

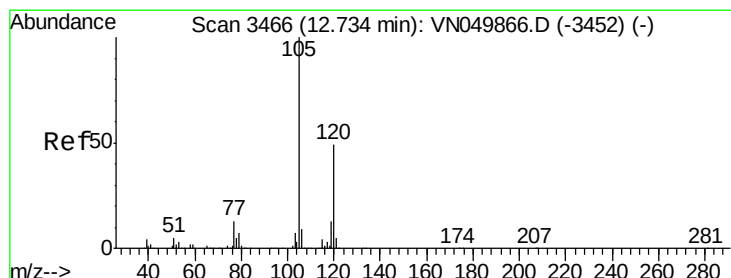
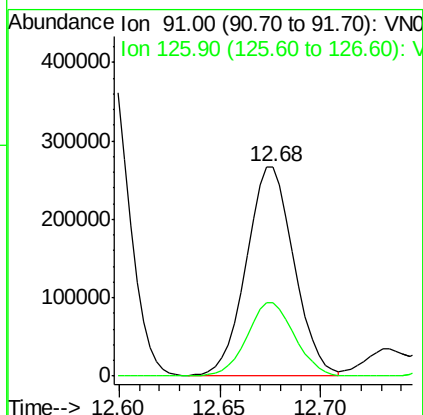
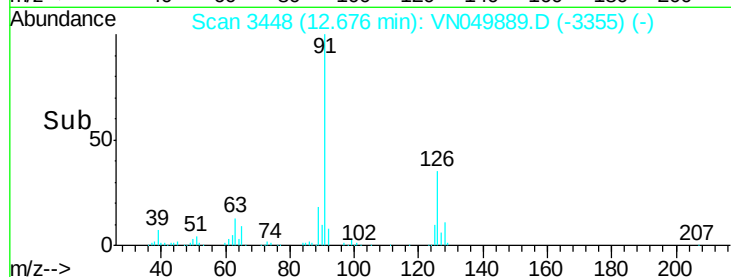
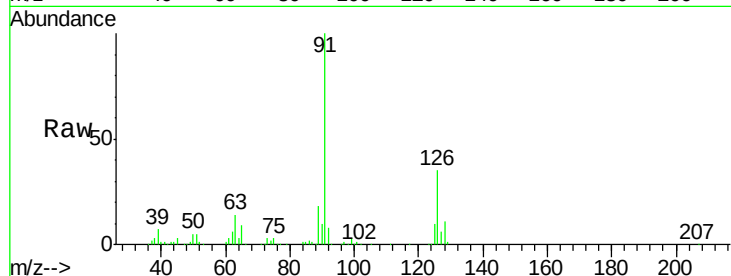
126 35.5 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.44 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049889.D

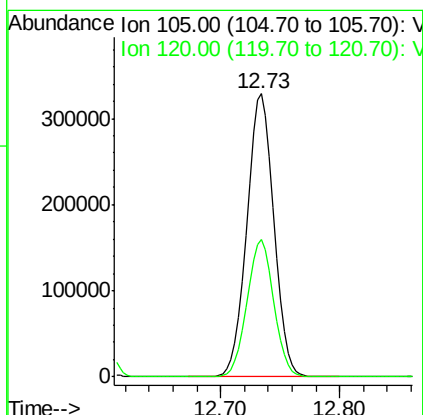
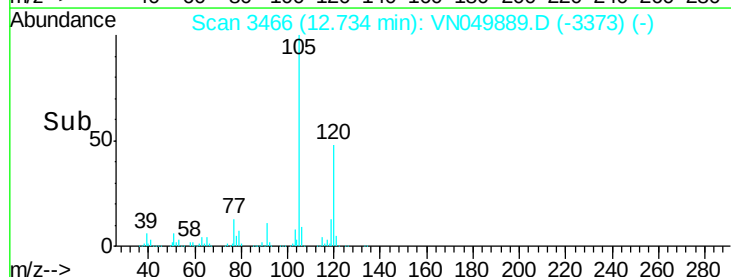
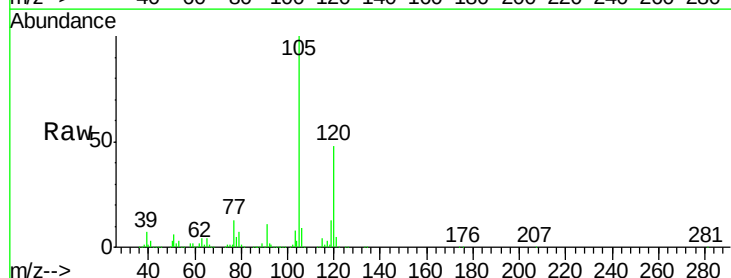
Acq: 18 Jul 2018 23:15

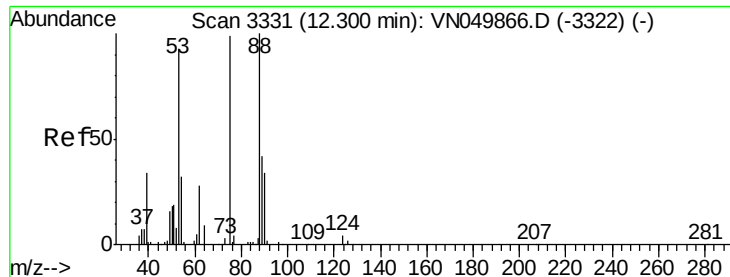
Tgt Ion: 105 Resp: 514433

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.56 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

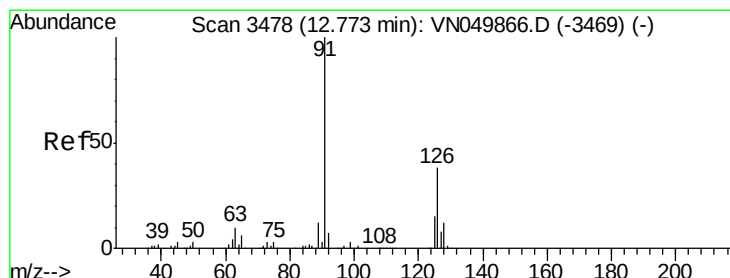
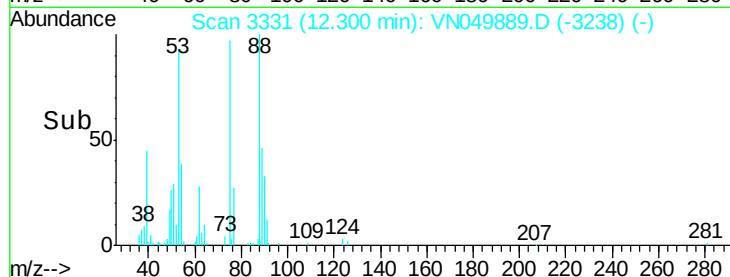
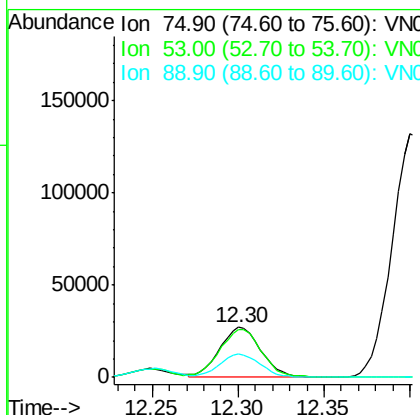
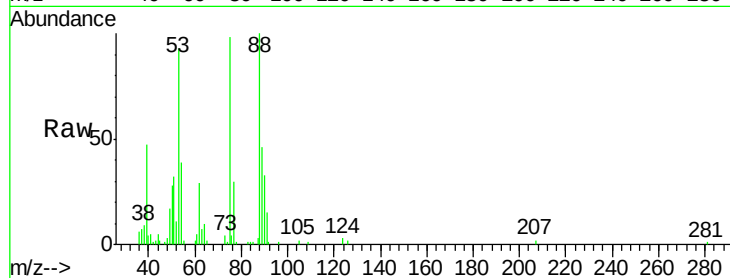
ClientSampleId :

VN0718WBS02

Tot Ion:	75	Resp:	46017
Ion	Ratio	Lower	Upper
75	100		
53	97.7	73.9	110.9
89	45.9	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.21 ug/l

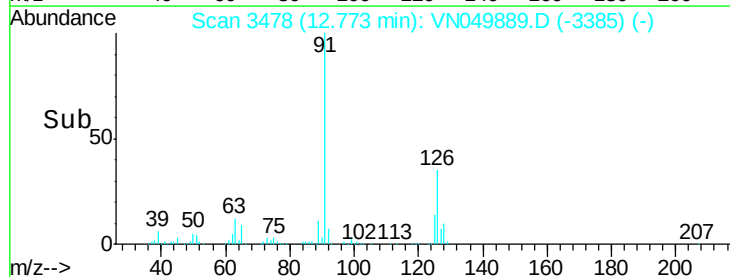
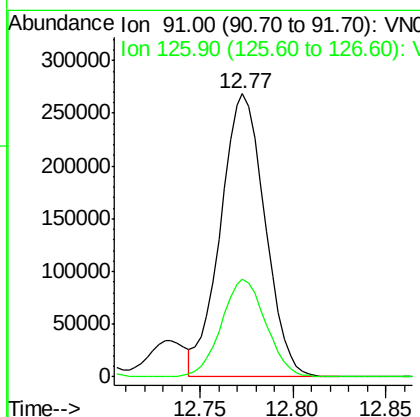
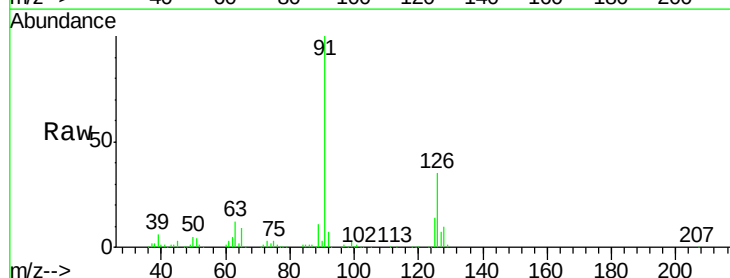
RT: 12.77 min Scan# 3478

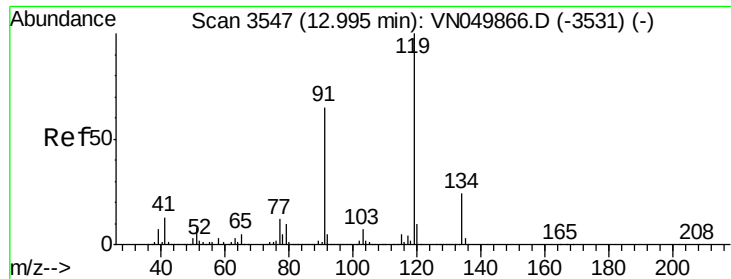
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	91	Resp:	444269
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.2	51.6





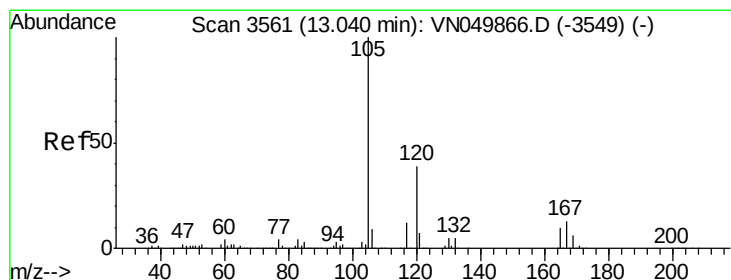
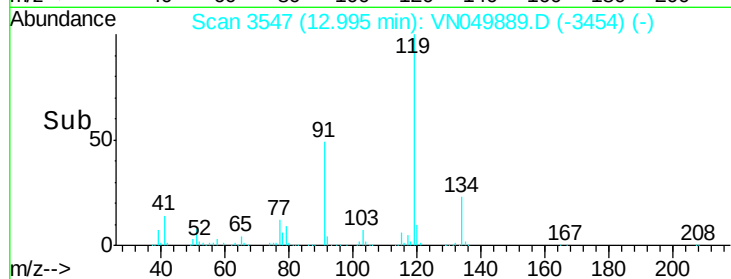
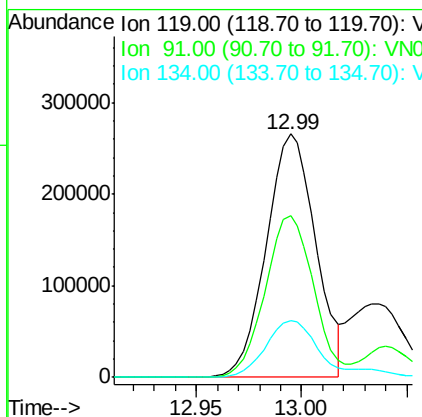
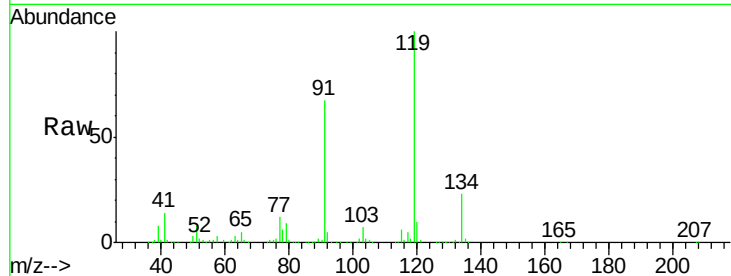
#83
 tert-Butylbenzene
 Concen: 19.55 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.0	96.2
134	24.4	12.8	38.4

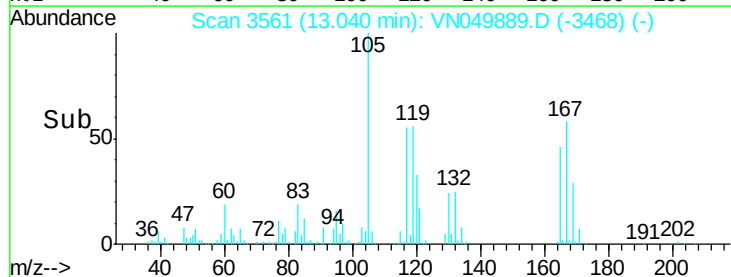
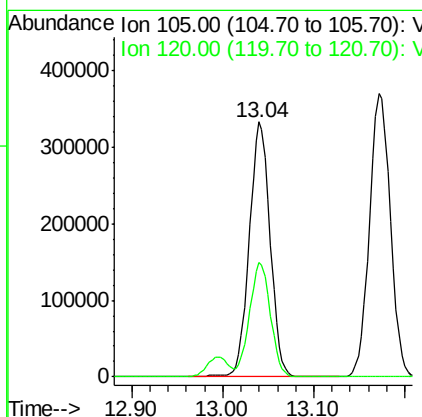
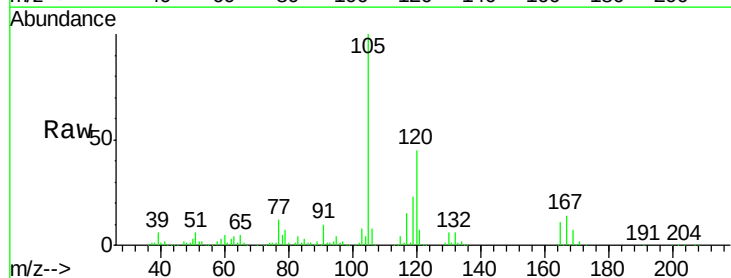
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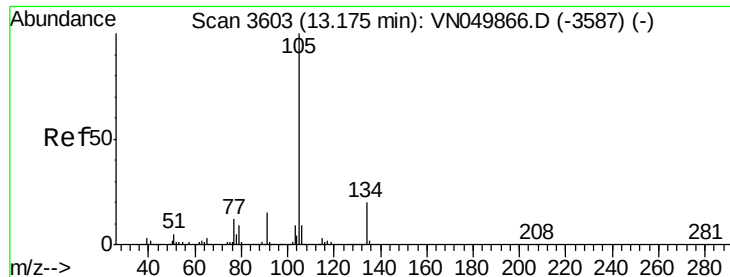
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.17 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS02

Tot Ion:105 Resp: 588969

Ion Ratio Lower Upper

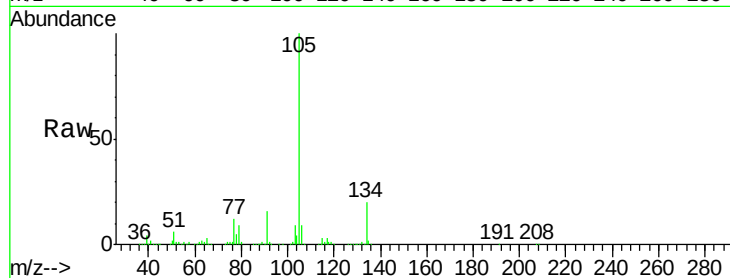
105 100

134 20.2 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

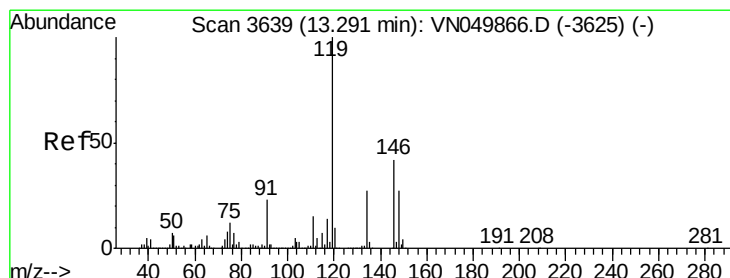
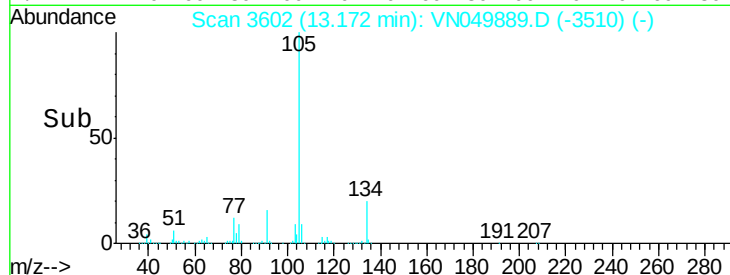
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 20.21 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

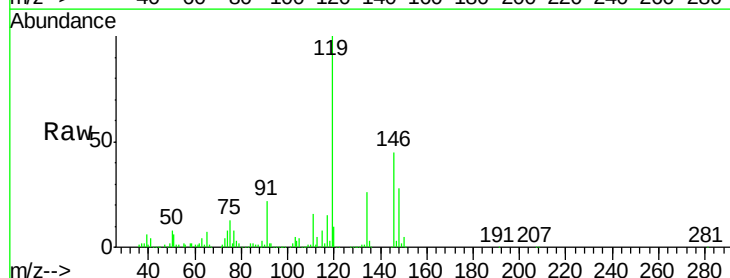
Tgt Ion:119 Resp: 503127

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 23.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

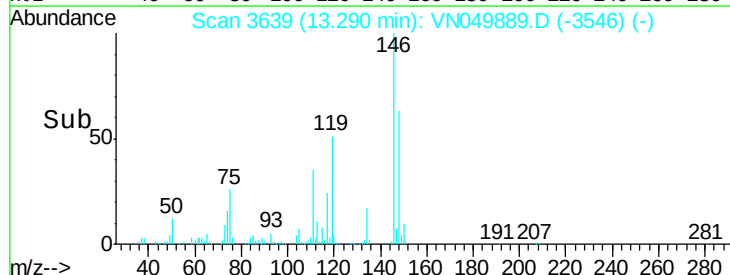
300000

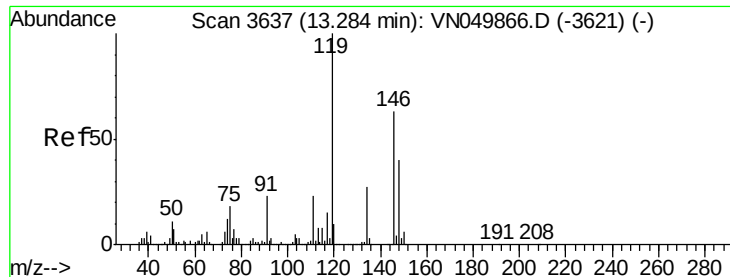
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





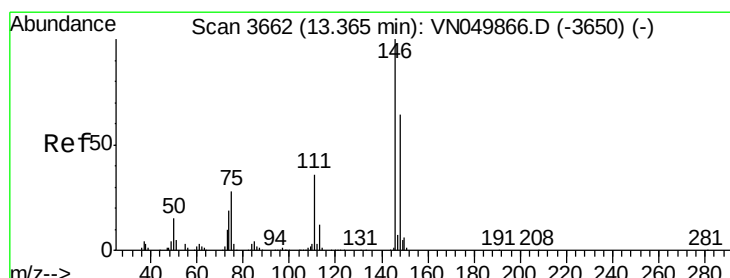
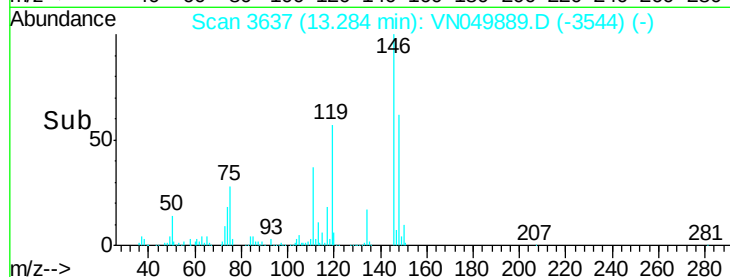
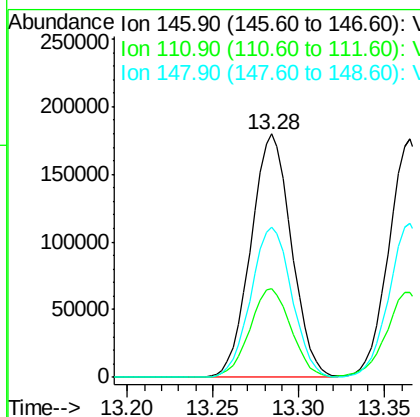
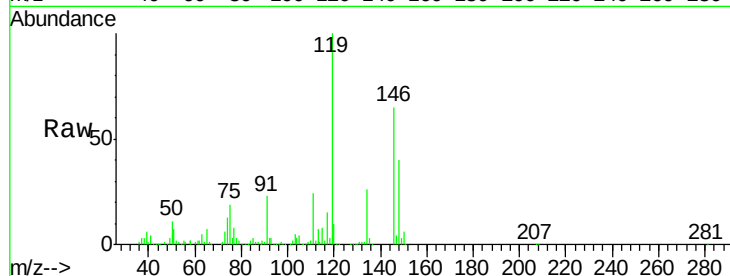
#87
 1,3-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	294045		
111	37.1	19.0	57.0	
148	62.3	32.5	97.5	

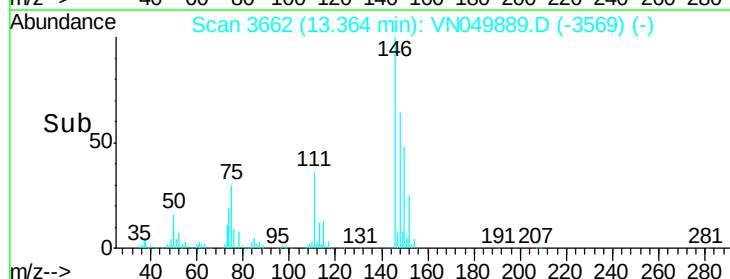
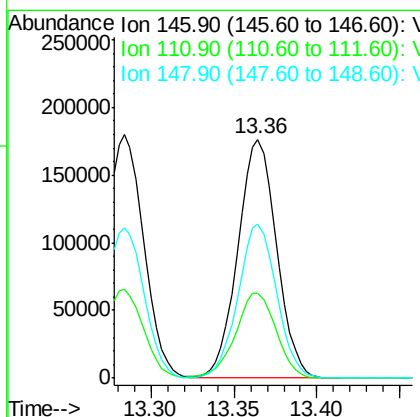
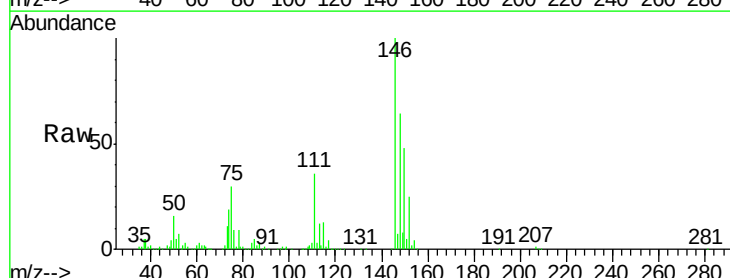
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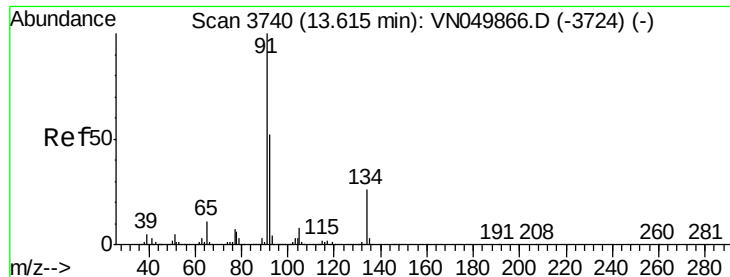
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#88
 1,4-Dichlorobenzene
 Concen: 18.93 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	286723		
111	37.6	18.9	56.5	
148	64.4	32.1	96.3	





#89

n-Butylbenzene

Concen: 18.76 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

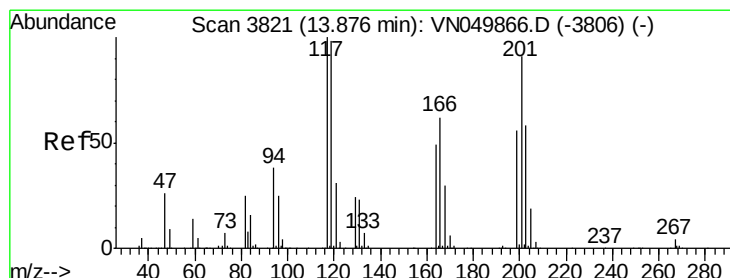
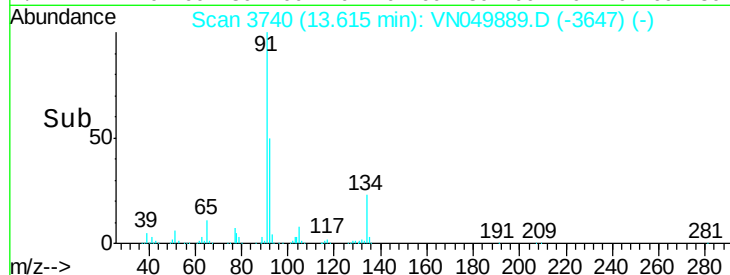
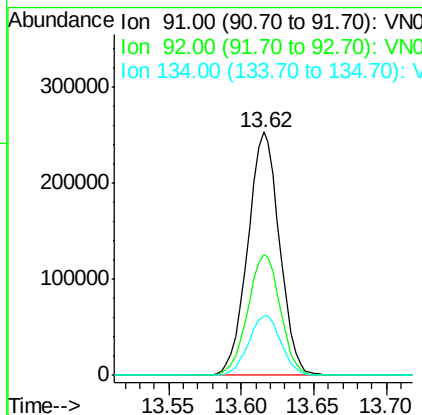
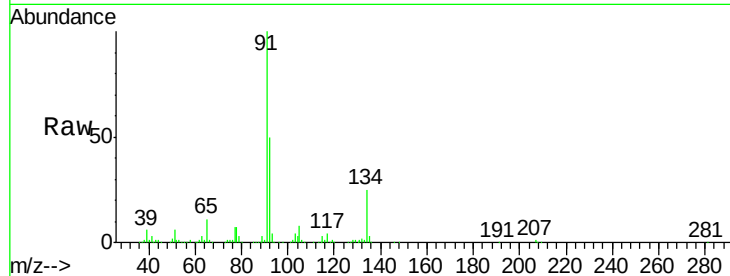
ClientSampled :

VN0718WBS02

Tot Ion:	91	Resp:	385523
Ion Ratio	Lower	Upper	
91	100		
92	50.6	25.8	77.3
134	25.1	13.0	38.9

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#90

Hexachloroethane

Concen: 18.17 ug/l

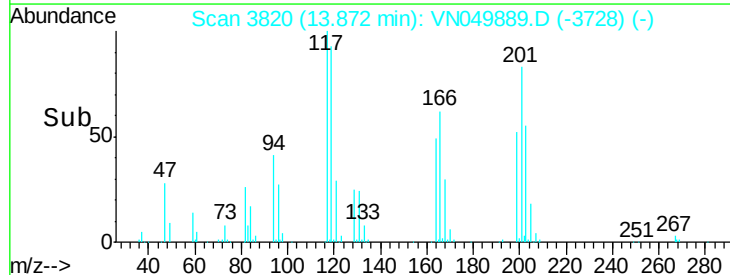
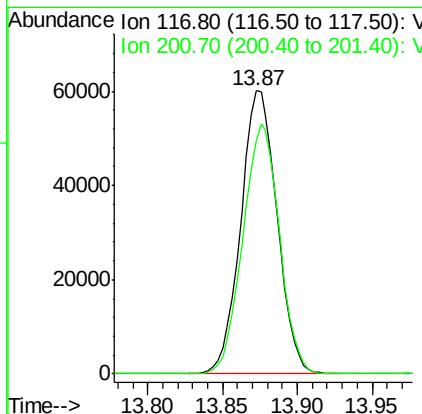
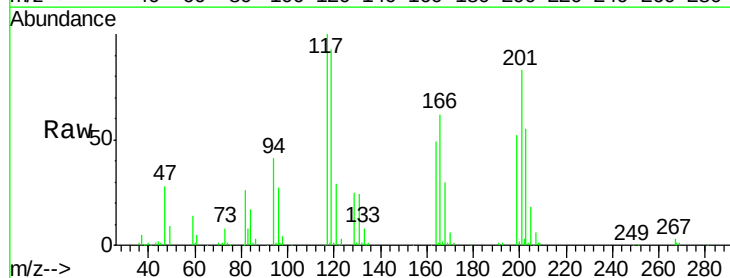
RT: 13.87 min Scan# 3820

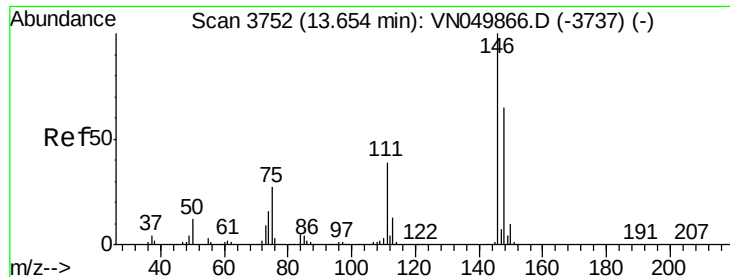
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	117	Resp:	101520
Ion Ratio	Lower	Upper	
117	100		
201	88.6	45.3	135.8





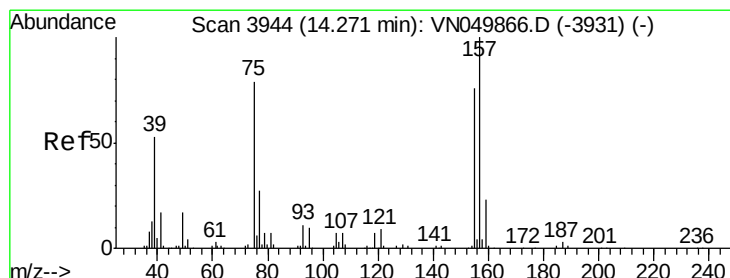
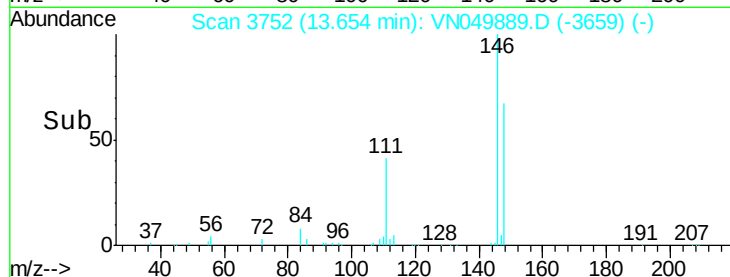
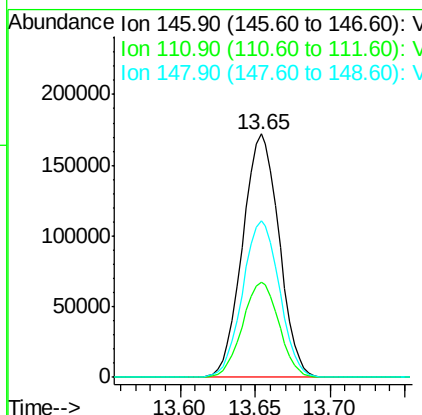
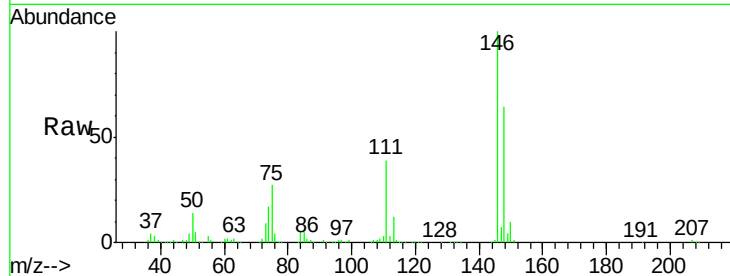
#91
 1,2-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	64.8	32.0	96.2

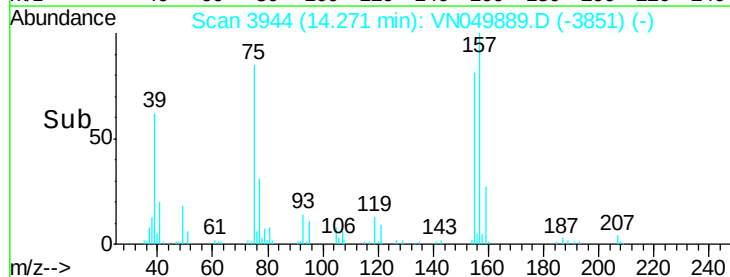
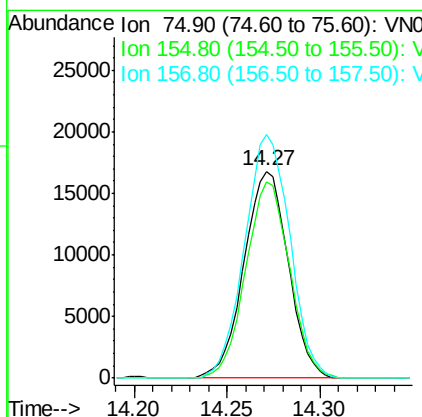
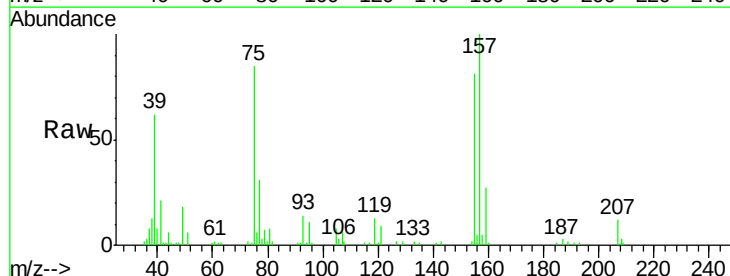
Manual Integrations
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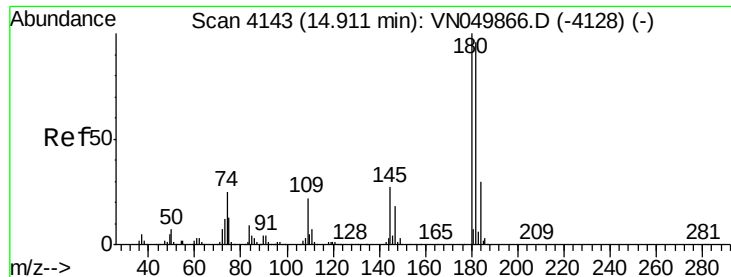
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.7	137.1
157	120.4	56.9	170.7





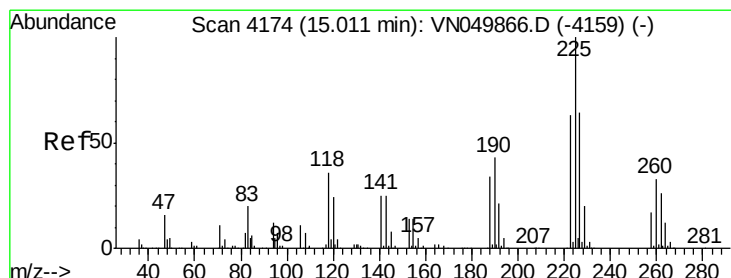
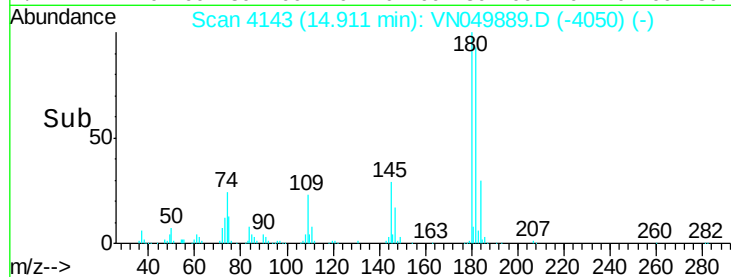
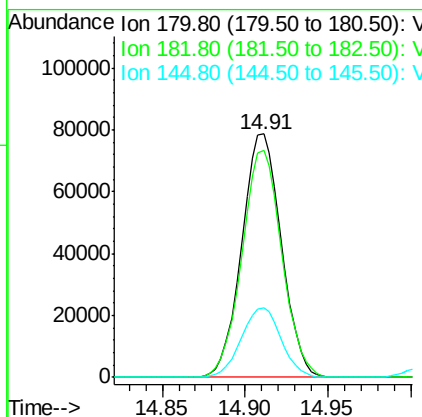
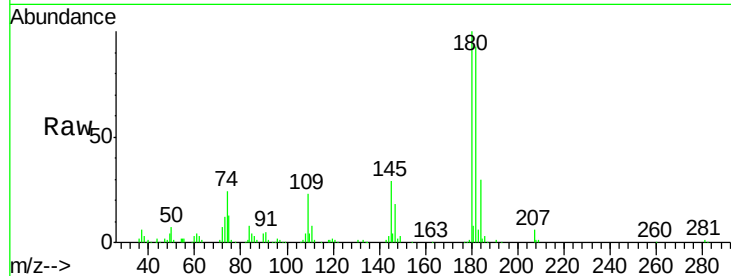
#93
 1,2,4-Trichlorobenzene
 Concen: 18.30 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130475		
182	94.1	47.3	141.9	
145	28.8	14.4	43.0	

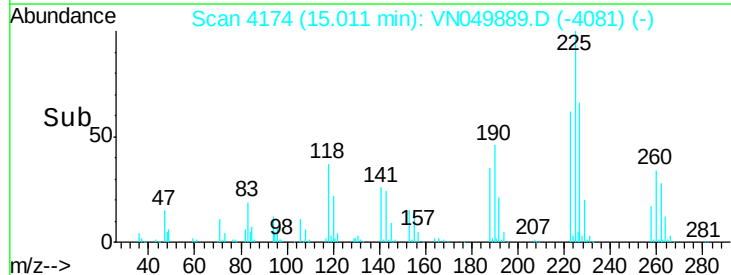
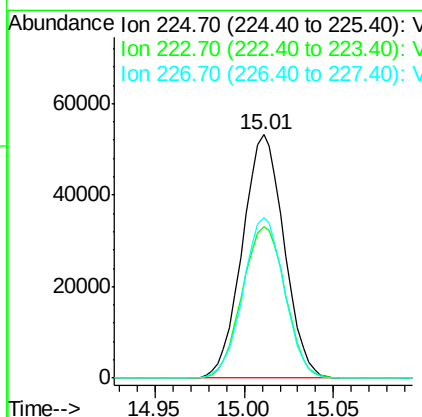
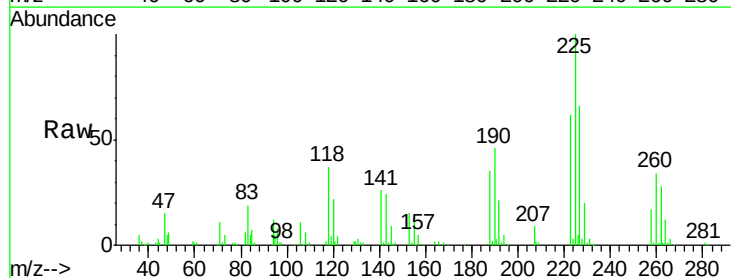
Manual Integrations
 APPROVED

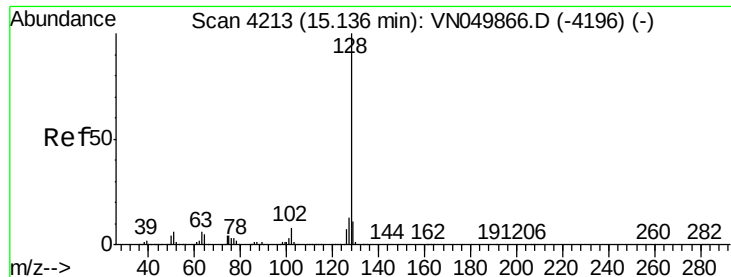
apatel
 7/19/2018 4:30:03 PM



#94
 Hexachlorobutadiene
 Concen: 17.86 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86936		
223	64.4	30.9	92.7	
227	65.2	31.8	95.4	





#95

Naphthalene

Concen: 17.75 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

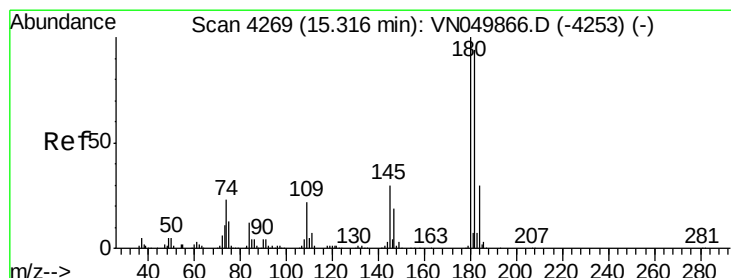
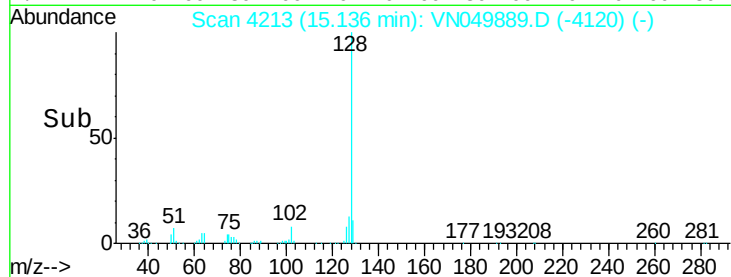
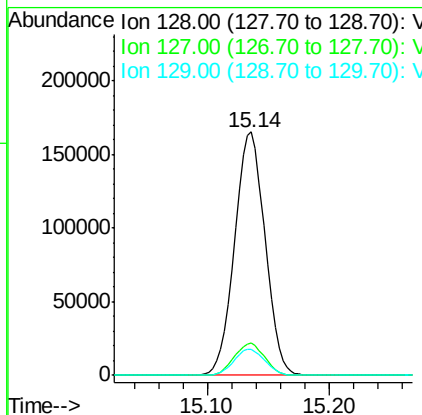
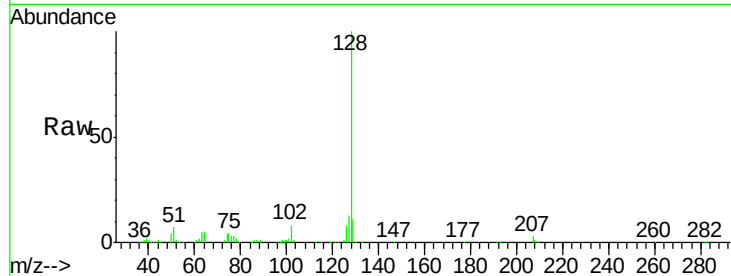
ClientSampleId :

VN0718WBS02

Tot Ion:	128	Resp:	285242
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/19/2018 4:30:03 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.37 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion:	180	Resp:	137971
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.4	142.2
145	30.8	15.2	45.6

