

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070917.D
 Acq On : 3 Feb 2022 2:39
 Operator : JC/MD
 Sample : N1342-15DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL

Quant Time: Feb 03 06:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	939711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1464463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1310282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	578509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	603337	47.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.860%		
35) Dibromofluoromethane	8.021	113	426702	48.638	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.280%		
50) Toluene-d8	10.443	98	1813090	50.335	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.731	95	663421	51.115	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.220%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.824	74	124420	17.461	ug/l	83
11) Tert butyl alcohol	5.380	59	283905	106.219	ug/l	99
14) Allyl chloride	5.079	41	15617	0.724	ug/l #	38
15) Acrylonitrile	5.618	53	5332	0.714	ug/l #	31
16) Acetone	4.288	43	622247	81.811	ug/l	100
18) Methyl Acetate	4.859	43	120071	6.516	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	234509	6.486	ug/l #	21
22) Diisopropyl ether	6.493	45	541205	12.951	ug/l #	1
23) Vinyl Acetate	6.490	43	33918	0.918	ug/l #	79
25) 2-Butanone	7.340	43	199573	18.178	ug/l	96
26) 2,2-Dichloropropane	7.168	77	16902	1.023	ug/l #	52
29) Tetrahydrofuran	7.702	42	5484	0.769	ug/l #	60
31) Cyclohexane	8.094	56	211962	9.808	ug/l #	88
36) 1,1-Dichloropropene	8.086	75	76245	5.350	ug/l #	49
37) Ethyl Acetate	7.340	43	199573	10.160	ug/l #	68
38) Carbon Tetrachloride	8.086	117	95249	7.318	ug/l #	15
39) Methylcyclohexane	9.459	83	153183	8.743	ug/l	88
40) Benzene	8.461	78	17965000	401.218	ug/l	97
41) Methacrylonitrile	7.670	41	3056	0.310	ug/l #	20
42) 1,2-Dichloroethane	8.458	62	160370	10.521	ug/l	77
43) Isopropyl Acetate	8.558	43	28711	0.869	ug/l #	62
48) Methyl methacrylate	9.529	41	40251	2.827	ug/l #	29
49) 1,4-Dioxane	9.569	88	4307	18.059	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	33737	1.736	ug/l	97
52) Toluene	10.505	92	12179399	439.003	ug/l #	1
53) t-1,3-Dichloropropene	10.620	75	69938	4.283	ug/l #	63
54) cis-1,3-Dichloropropene	10.164	75	15648	0.881	ug/l #	1
55) 1,1,2-Trichloroethane	10.872	97	4284	0.407	ug/l #	20
57) 1,3-Dichloropropane	11.092	76	5450	0.295	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.164	63	22772	23.872	ug/l #	82
59) 2-Hexanone	11.089	43	136049	9.587	ug/l	64
67) Ethyl Benzene	11.843	91	832011	16.643	ug/l	95
68) m/p-Xylenes	11.948	106	1760447	95.042	ug/l	90
69) o-Xylene	12.280	106	573793	30.952	ug/l	90
70) Styrene	12.280	104	29740	1.018	ug/l #	1
73) Isopropylbenzene	12.578	105	84376	1.672	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

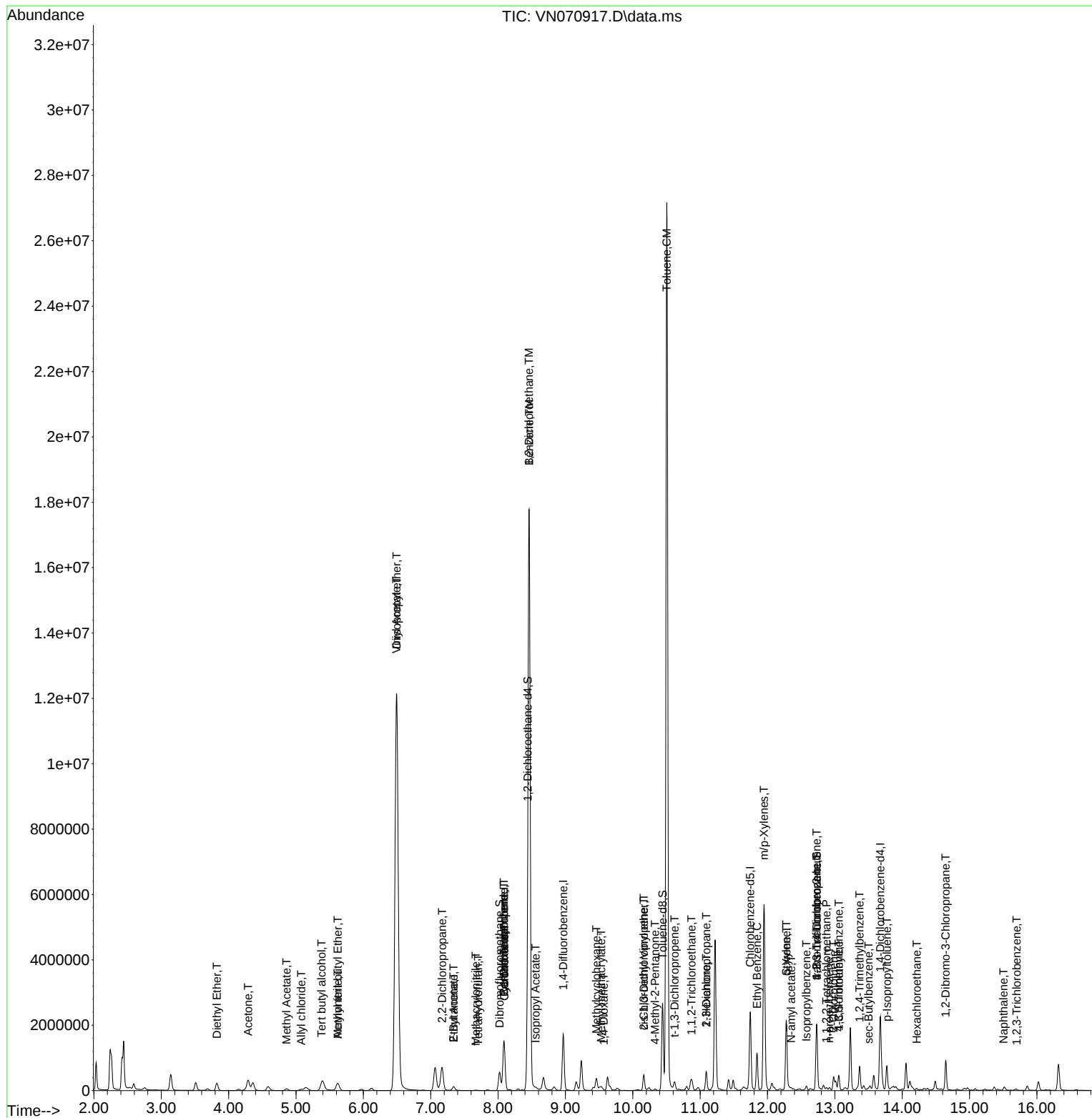
74) N-amyl acetate	12.350	43	41385	1.831	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.876	83	7935	0.454	ug/l #	43
76) 1,2,3-Trichloropropane	12.731	75	345081	24.782	ug/l #	1
78) n-propylbenzene	12.919	91	55677	0.967	ug/l	97
79) 2-Chlorotoluene	12.980	91	43889	1.226	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.058	105	238694	5.834	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.731	75	345081	67.175	ug/l #	5
82) 4-Chlorotoluene	13.061	91	23632	0.685	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.366	105	425335	10.630	ug/l	95
85) sec-Butylbenzene	13.501	105	13806	0.277	ug/l #	77
86) p-Isopropyltoluene	13.771	119	11842	0.301	ug/l	92
90) Hexachloroethane	14.217	117	2622	0.376	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.643	75	6447	2.035	ug/l #	1
95) Naphthalene	15.504	128	15961	4.033	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.700	180	826	1.779	ug/l #	1

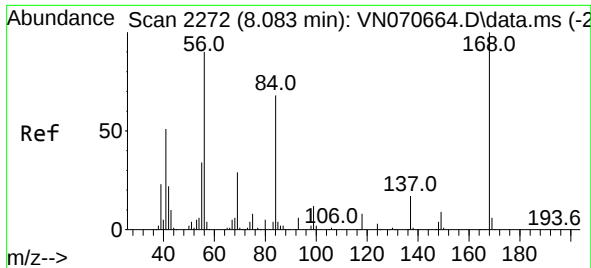
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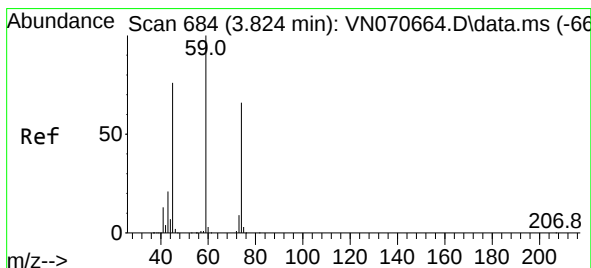
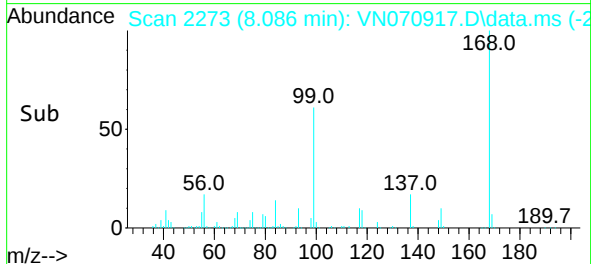
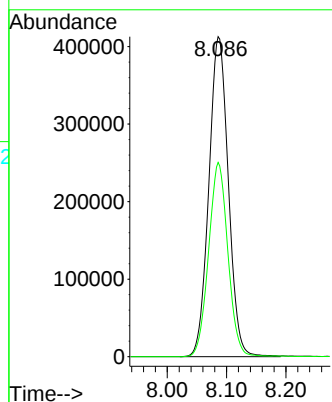
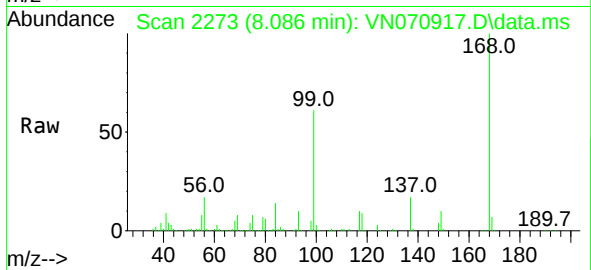




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

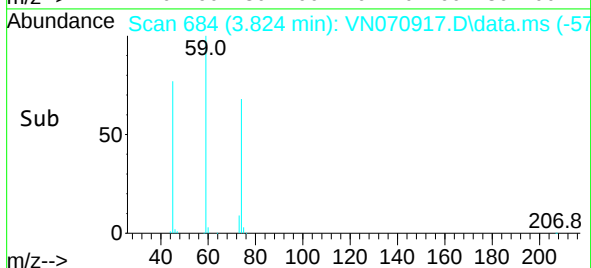
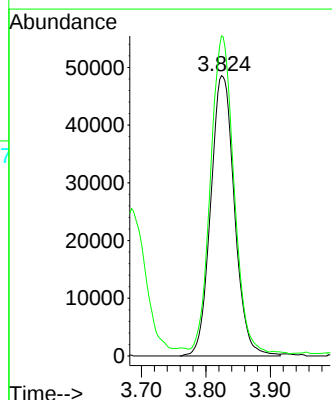
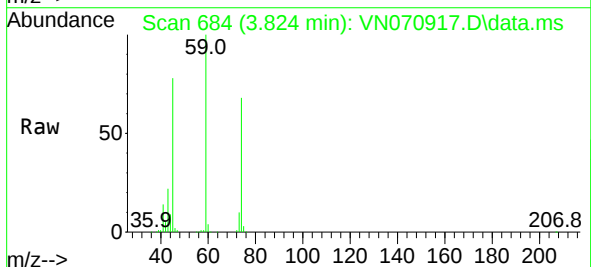
Instrument :
MSVOA_N
ClientSampleId :
31535DL

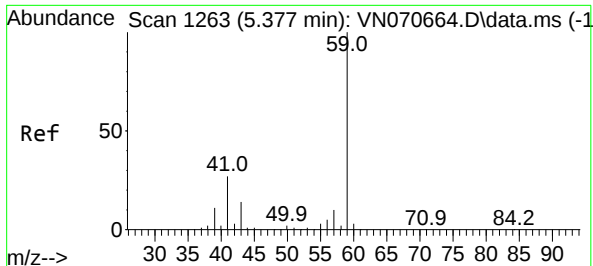
Tgt Ion:168 Resp: 939711
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#8
Diethyl Ether
Concen: 17.461 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 74 Resp: 124420
Ion Ratio Lower Upper
74 100
45 110.2 47.0 141.2

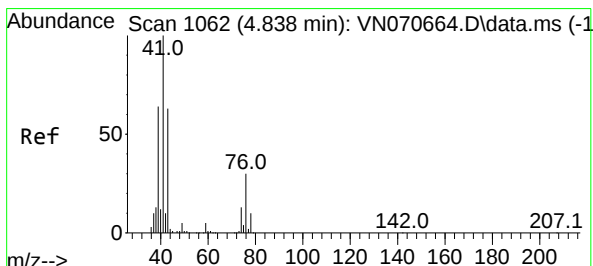
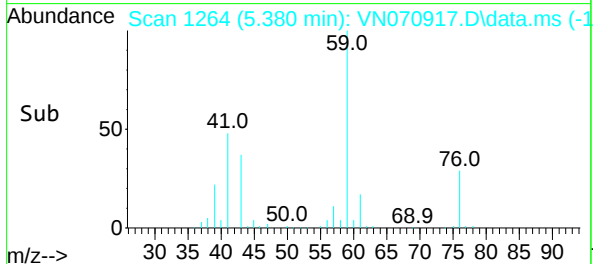
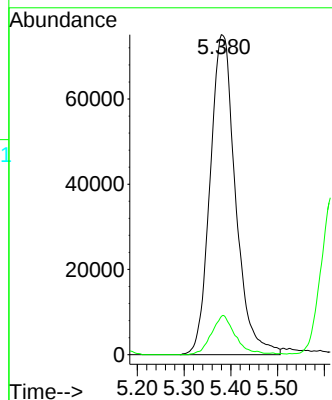
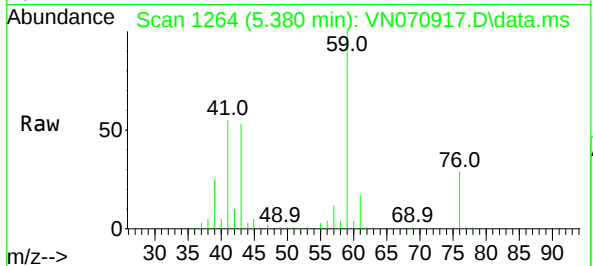




#11
Tert butyl alcohol
Concen: 106.219 ug/l
RT: 5.380 min Scan# 1152
Delta R.T. -0.002 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

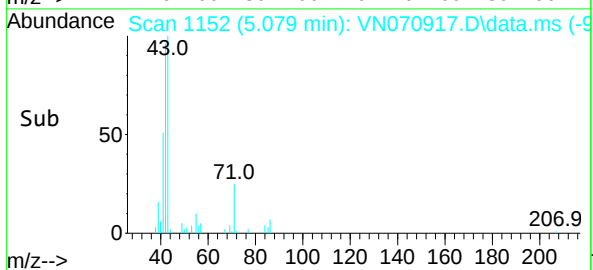
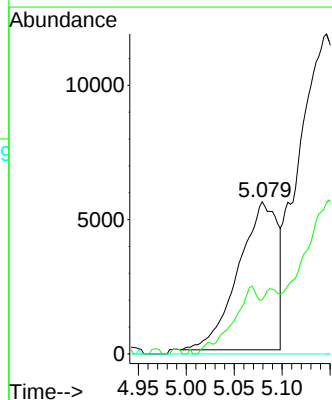
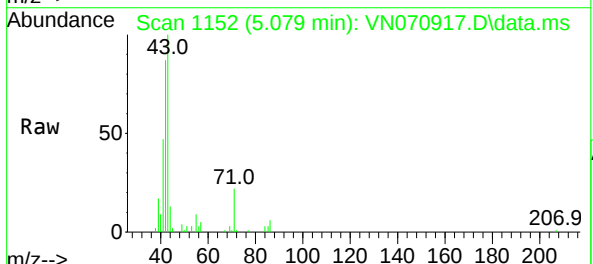
Instrument :
MSVOA_N
ClientSampleId :
31535DL

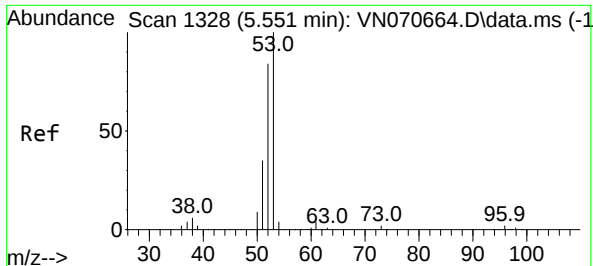
Tgt Ion: 59 Resp: 283905
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1



#14
Allyl chloride
Concen: 0.724 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. 0.241 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 41 Resp: 15617
Ion Ratio Lower Upper
41 100
39 21.2 61.2 91.8#
76 0.0 26.0 39.0#

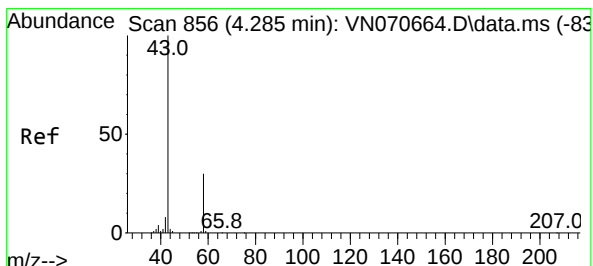
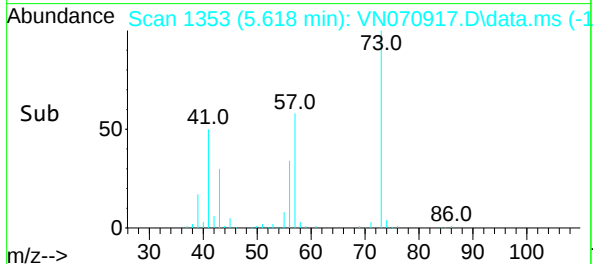
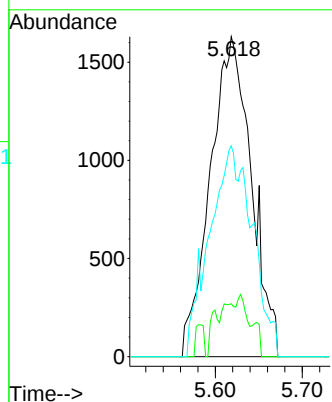
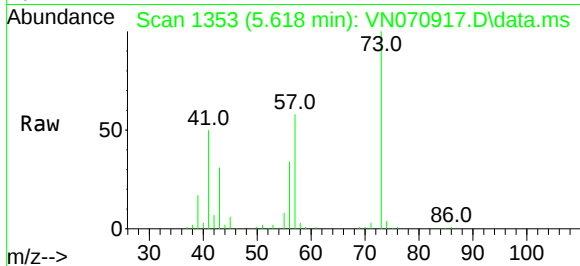




#15
Acrylonitrile
Concen: 0.714 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

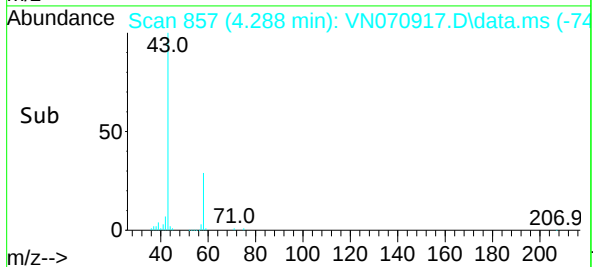
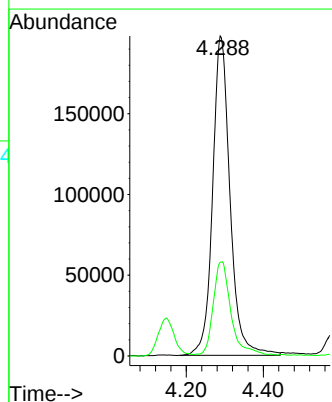
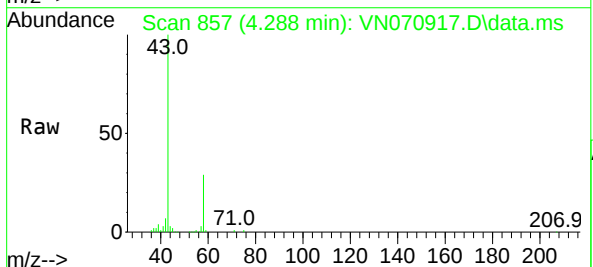
Instrument :
MSVOA_N
ClientSampleId :
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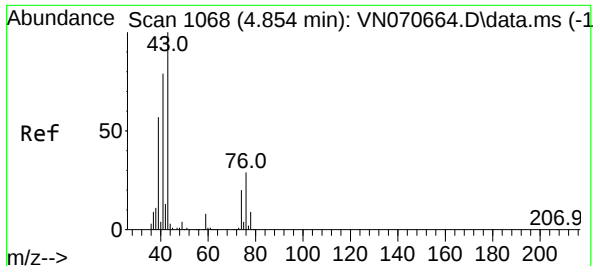
Tgt Ion: 53 Resp: 5332
Ion Ratio Lower Upper
53 100
52 2.0 66.2 99.2#
51 24.6 29.6 44.4#



#16
Acetone
Concen: 81.811 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 43 Resp: 622247
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7





#18

Methyl Acetate

Concen: 6.516 ug/l

RT: 4.859 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

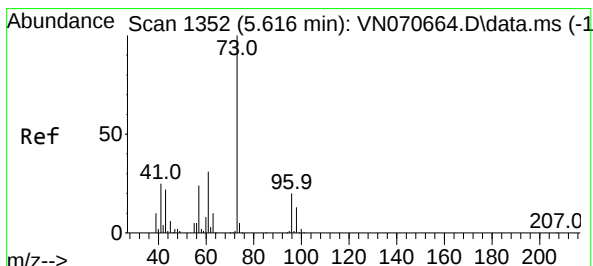
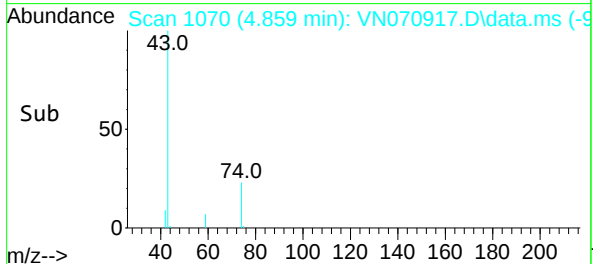
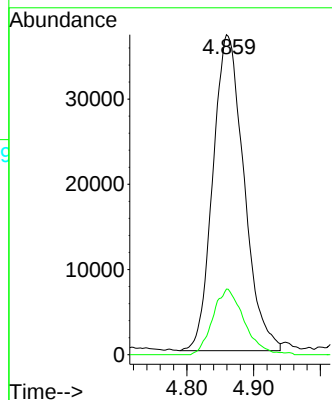
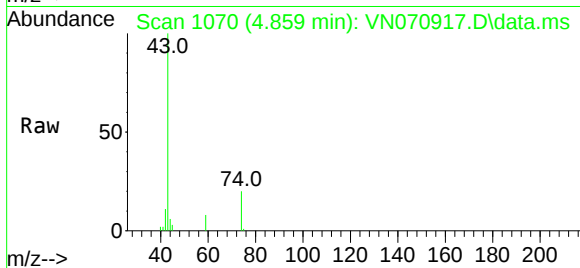
31535DL

Tgt Ion: 43 Resp: 120071

Ion Ratio Lower Upper

43 100

74 20.9 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 6.486 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.002 min

Lab File: VN070917.D

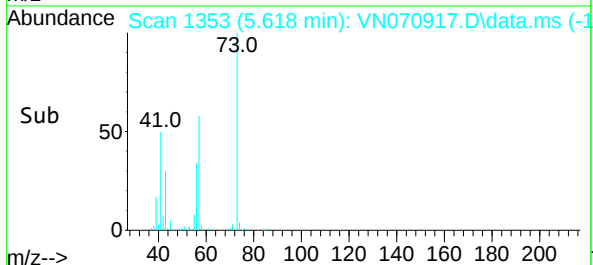
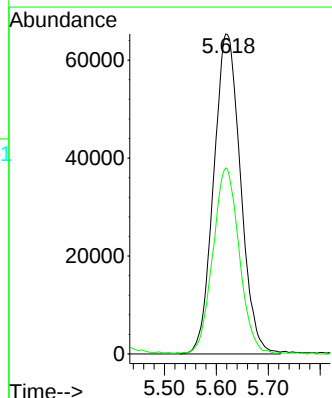
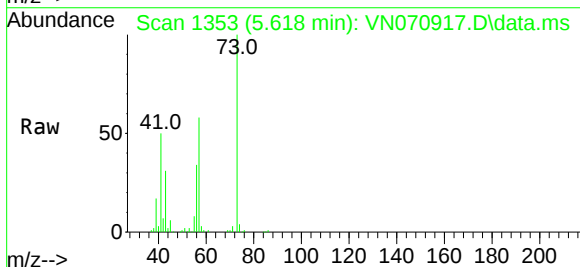
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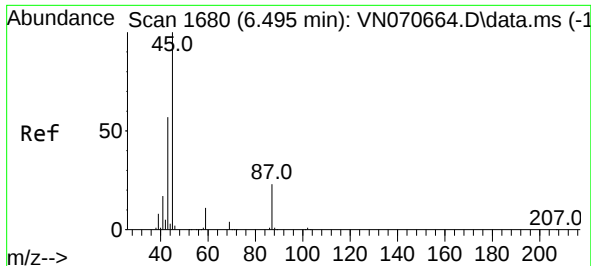
Tgt Ion: 73 Resp: 234509

Ion Ratio Lower Upper

73 100

57 57.8 16.8 25.2#

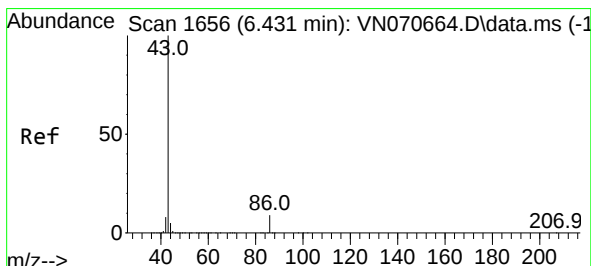
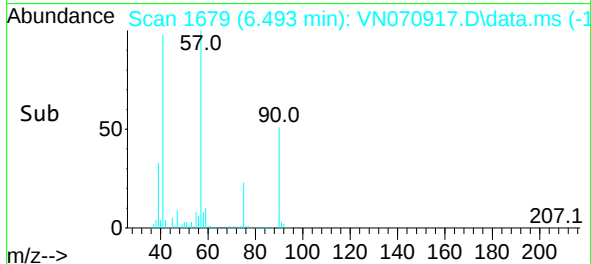
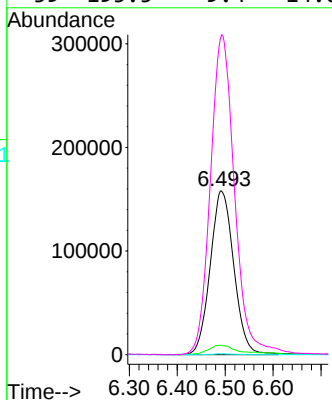
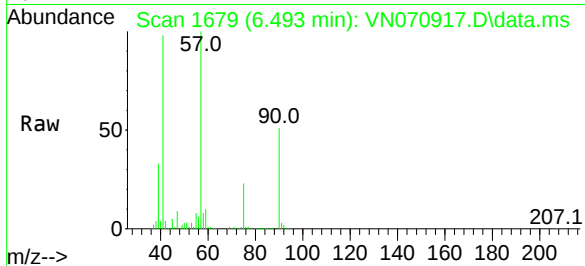




#22
Diisopropyl ether
Concen: 12.951 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.002 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

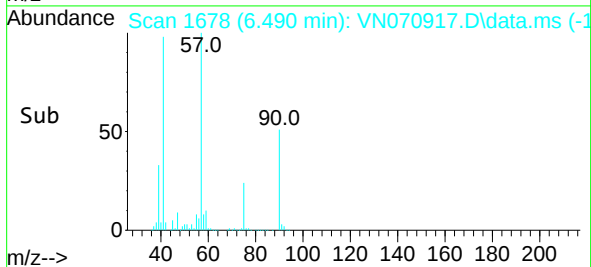
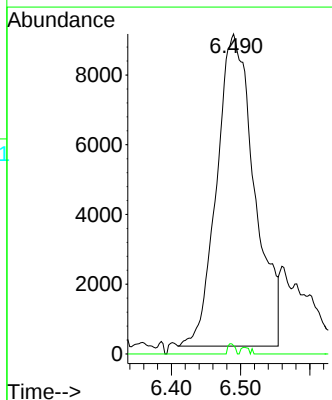
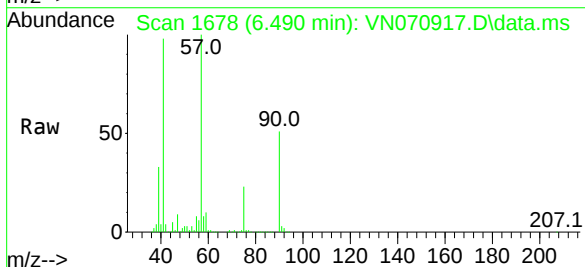
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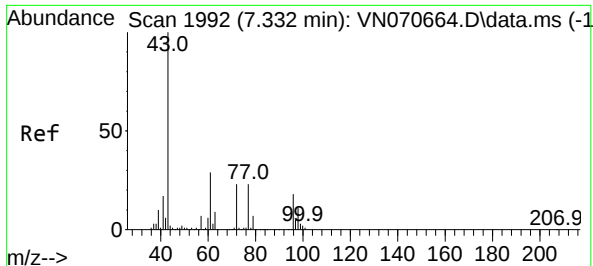
Tgt Ion: 45 Resp: 541205
Ion Ratio Lower Upper
45 100
43 5.5 51.7 77.5#
87 0.5 23.2 34.8#
59 195.5 9.4 14.0#



#23
Vinyl Acetate
Concen: 0.918 ug/l
RT: 6.490 min Scan# 1678
Delta R.T. 0.056 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 43 Resp: 33918
Ion Ratio Lower Upper
43 100
86 2.7 8.5 12.7#





#25

2-Butanone

Concen: 18.178 ug/l

RT: 7.340 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

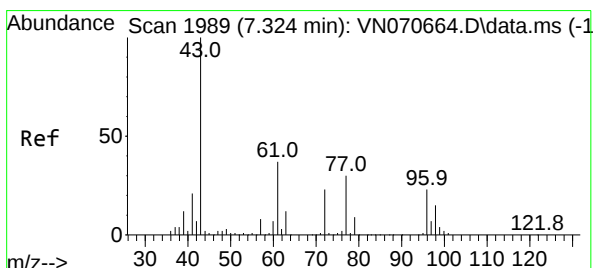
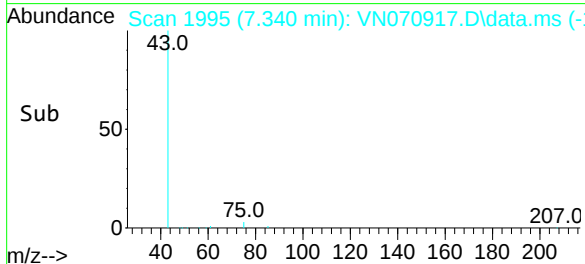
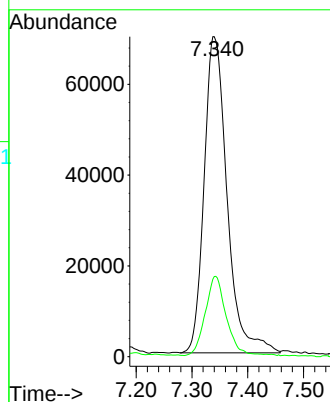
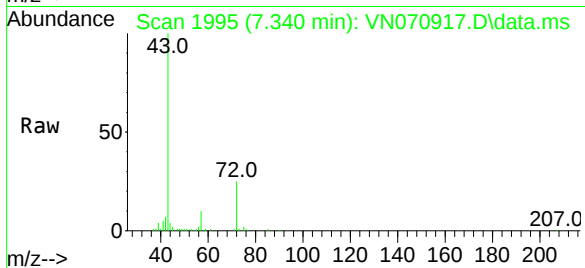
31535DL

Tgt Ion: 43 Resp: 199573

Ion Ratio Lower Upper

43 100

72 25.1 21.7 32.5



#26

2,2-Dichloropropane

Concen: 1.023 ug/l

RT: 7.168 min Scan# 1931

Delta R.T. -0.153 min

Lab File: VN070917.D

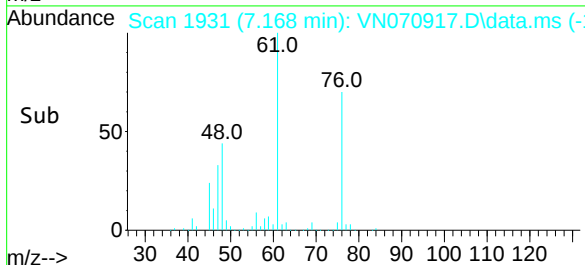
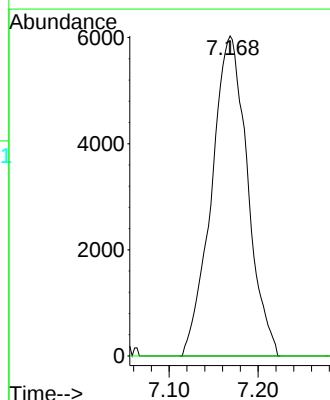
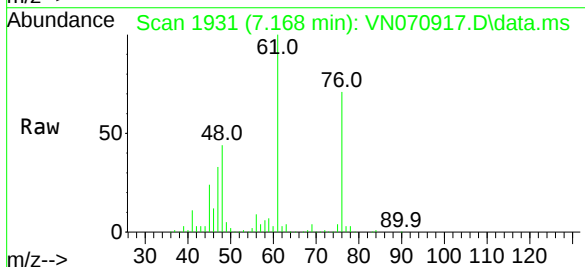
Acq: 3 Feb 2022 2:39

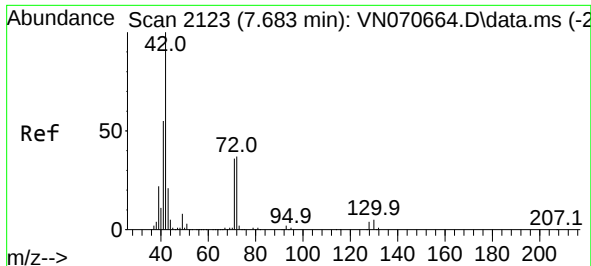
Tgt Ion: 77 Resp: 16902

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.769 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.016 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

31535DL

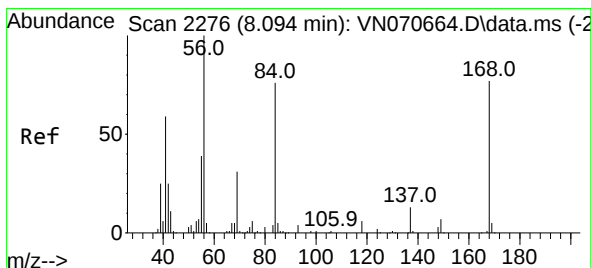
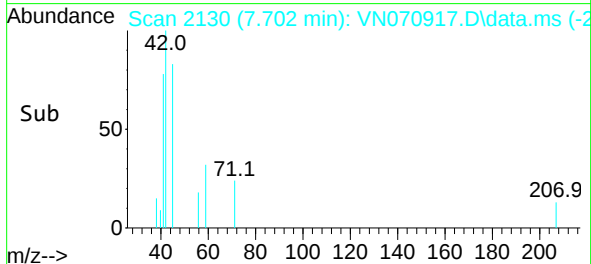
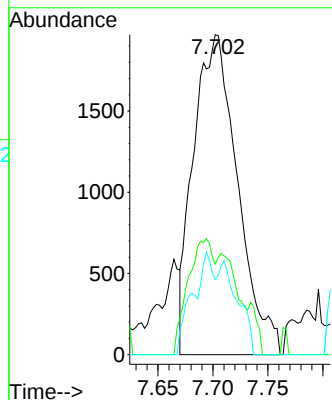
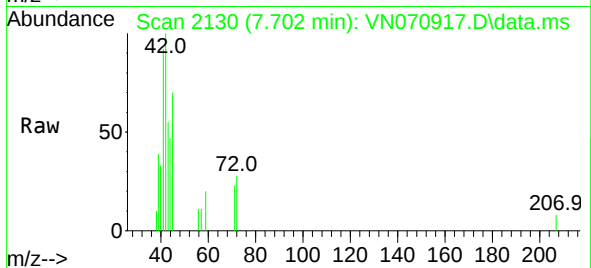
Tgt Ion: 42 Resp: 5484

Ion Ratio Lower Upper

42 100

72 21.4 36.3 54.5#

71 15.6 34.7 52.1#



#31

Cyclohexane

Concen: 9.808 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

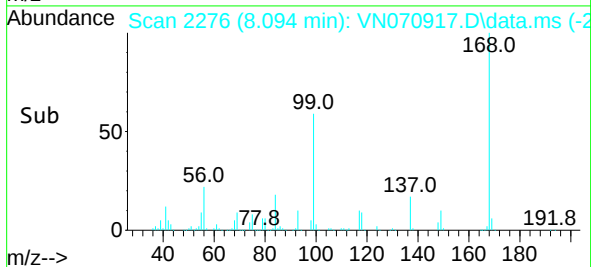
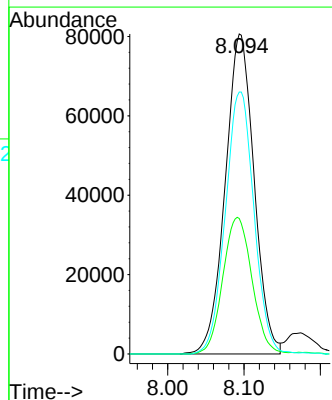
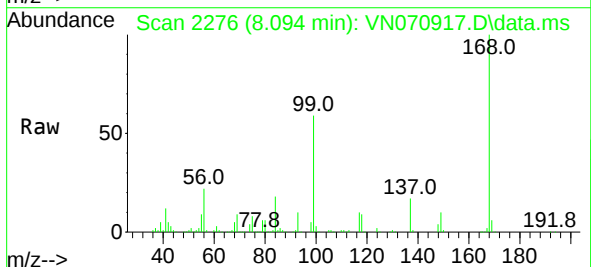
Tgt Ion: 56 Resp: 211962

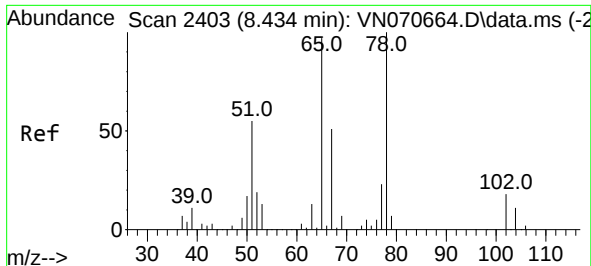
Ion Ratio Lower Upper

56 100

69 42.4 27.1 40.7#

84 81.9 73.4 110.0

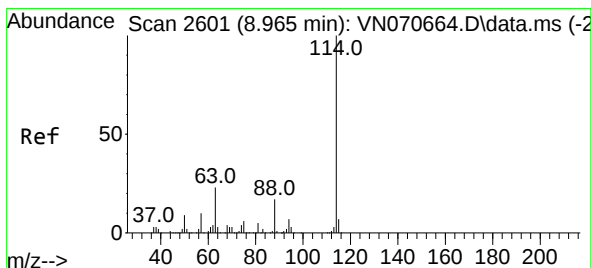
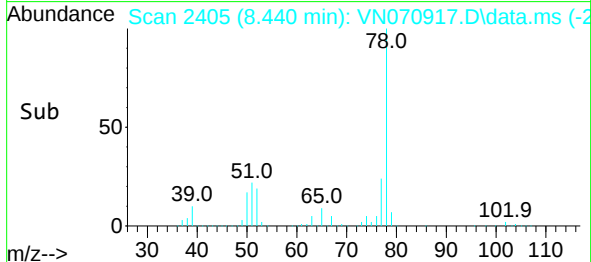
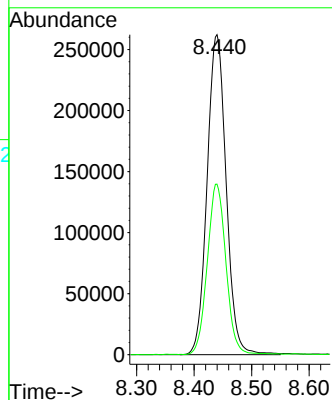
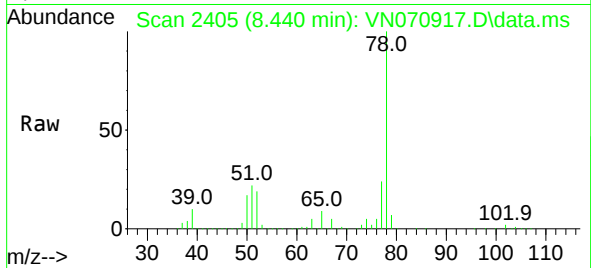




#33
 1,2-Dichloroethane-d4
 Concen: 47.432 ug/l
 RT: 8.440 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

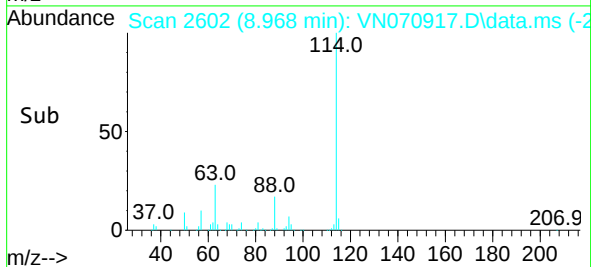
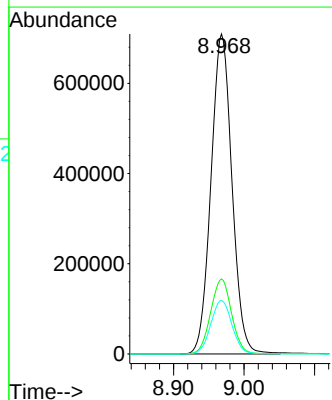
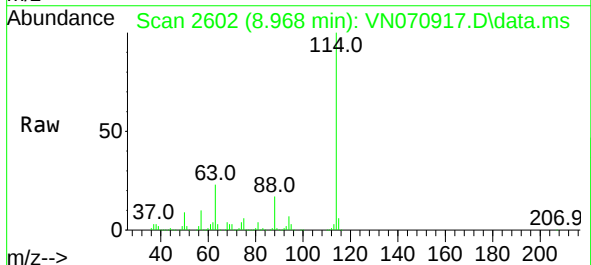
Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL

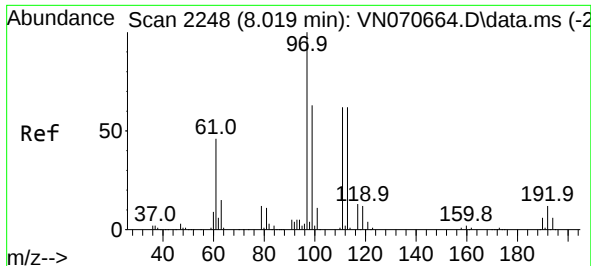
Tgt Ion: 65 Resp: 603337
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

Tgt Ion: 114 Resp: 1464463
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 37.8
 88 16.7 0.0 27.4

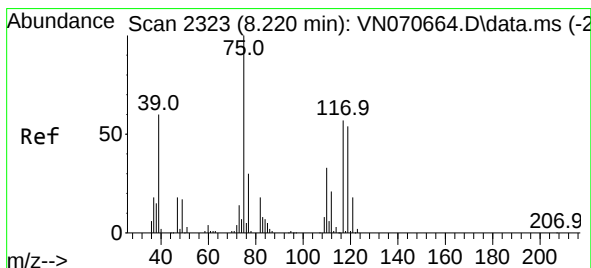
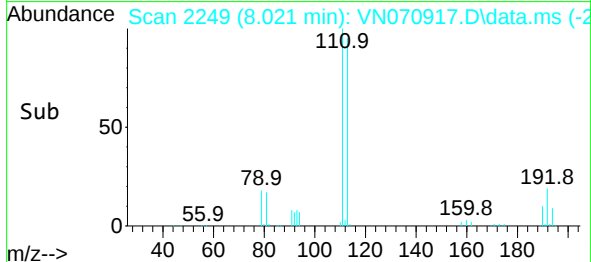
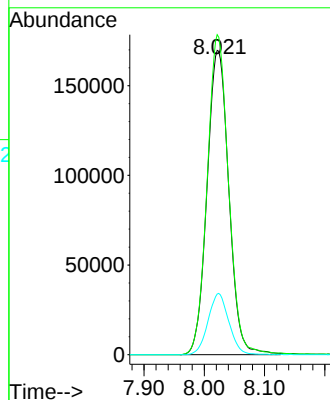
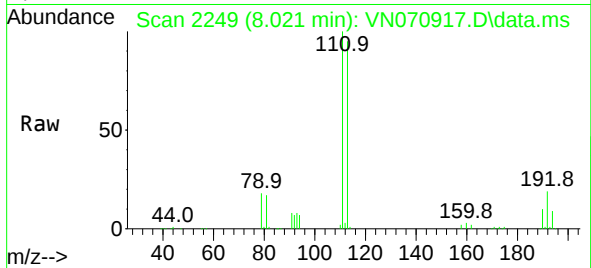




#35
 Dibromofluoromethane
 Concen: 48.638 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

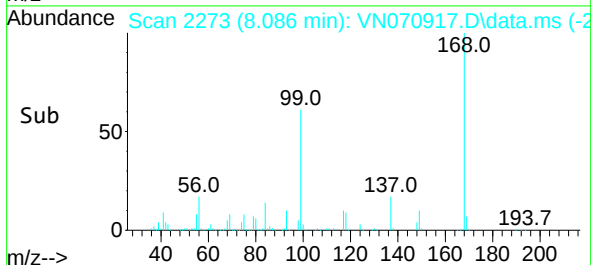
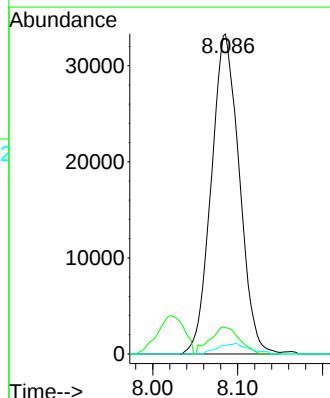
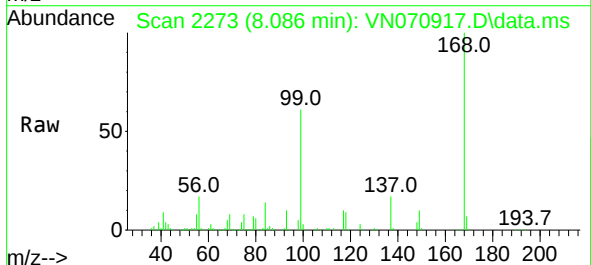
Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL

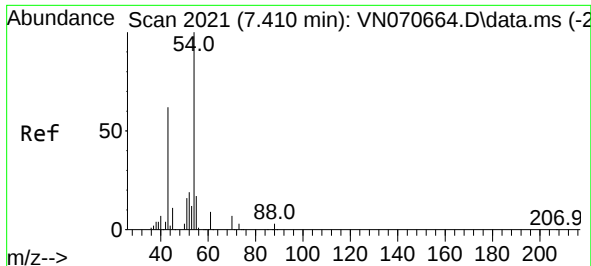
Tgt Ion:113 Resp: 426702
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 19.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 5.350 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.134 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

Tgt Ion: 75 Resp: 76245
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 10.160 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. -0.073 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

31535DL

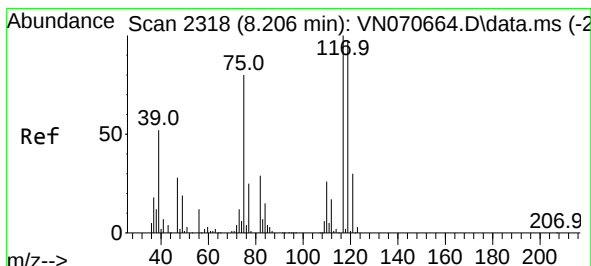
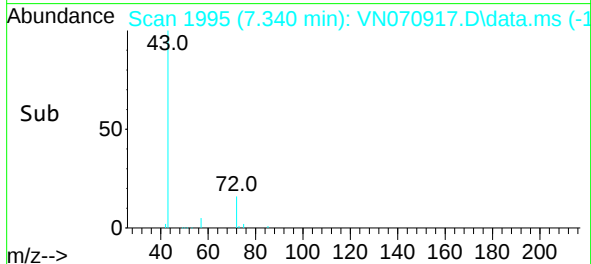
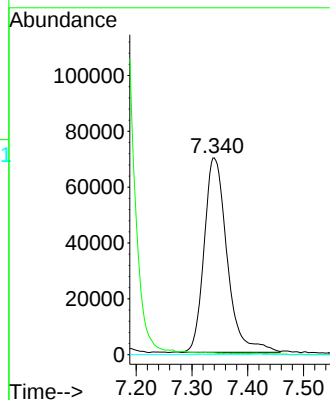
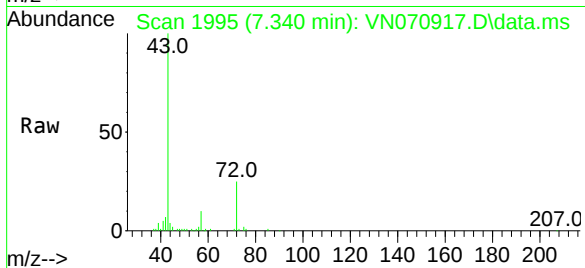
Tgt Ion: 43 Resp: 199573

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 7.318 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

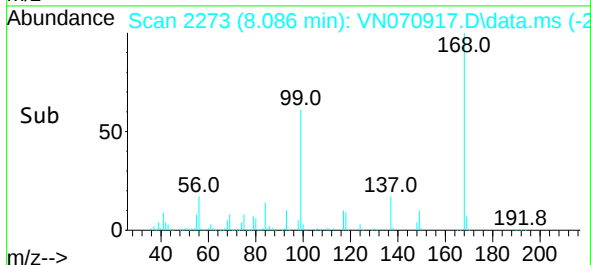
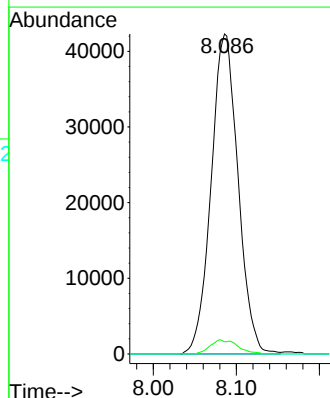
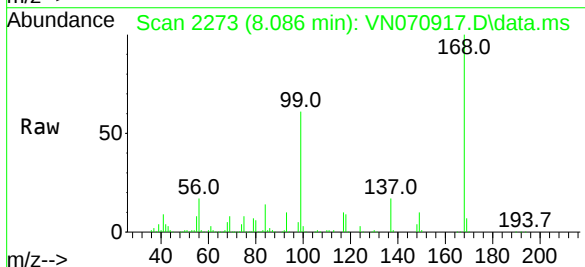
Tgt Ion: 117 Resp: 95249

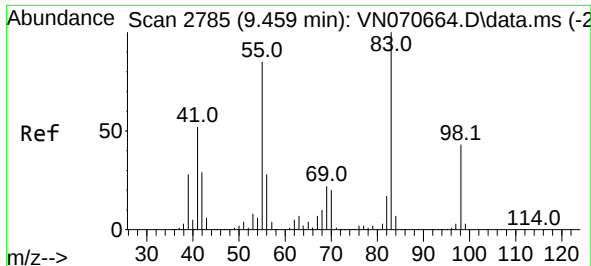
Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 8.743 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

31535DL

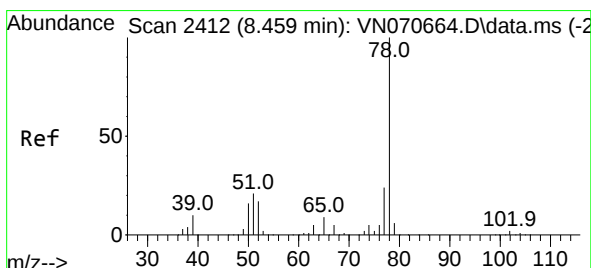
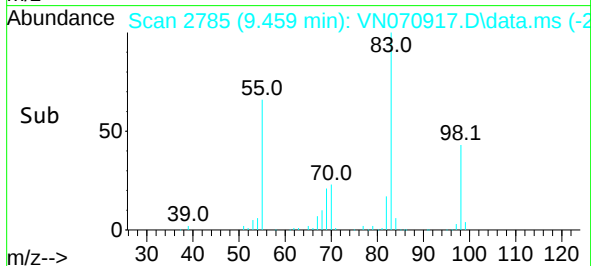
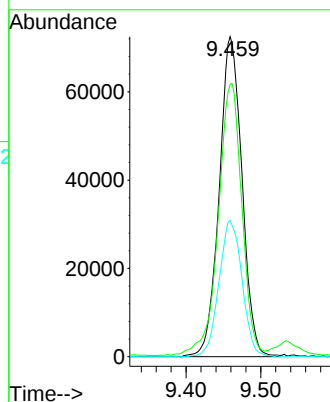
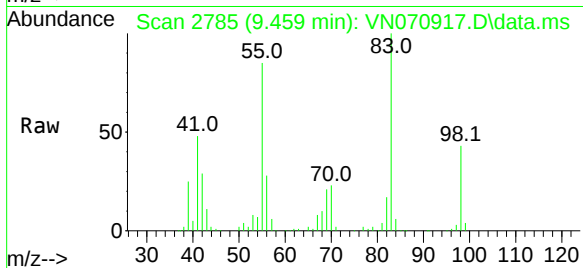
Tgt Ion: 83 Resp: 153183

Ion Ratio Lower Upper

83 100

55 84.2 58.1 87.1

98 42.5 38.4 57.6



#40

Benzene

Concen: 401.218 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN070917.D

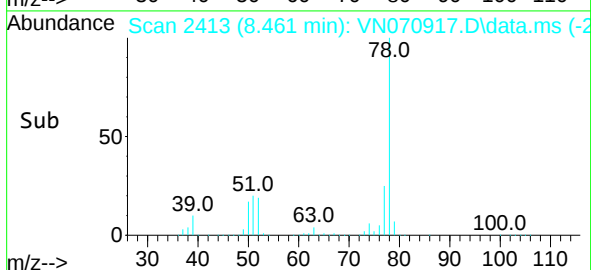
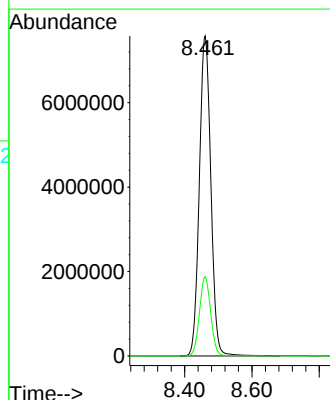
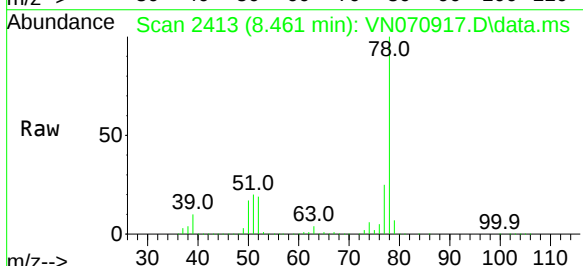
Acq: 3 Feb 2022 2:39

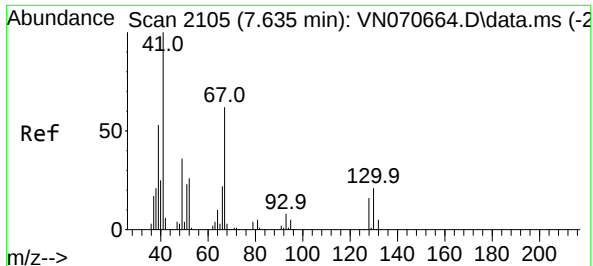
Tgt Ion: 78 Resp:17965000

Ion Ratio Lower Upper

78 100

77 24.8 18.6 27.8

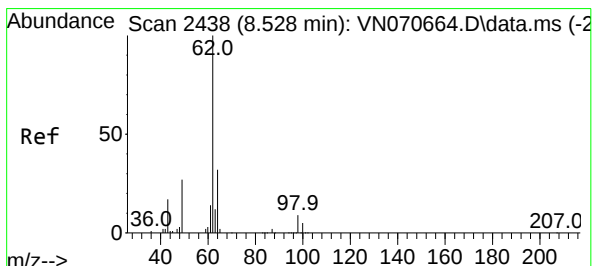
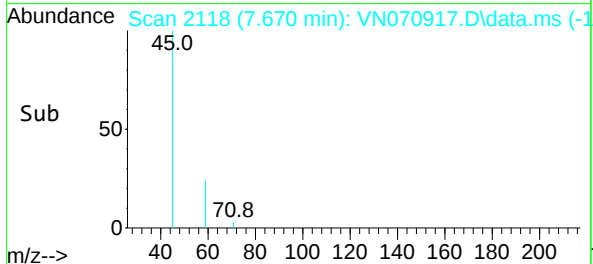
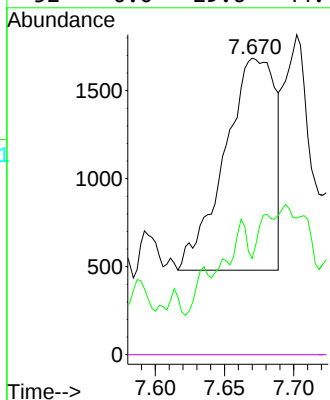
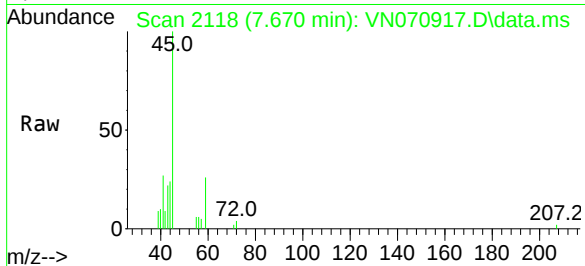




#41
Methacrylonitrile
Concen: 0.310 ug/l
RT: 7.670 min Scan# 2105
Delta R.T. 0.035 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

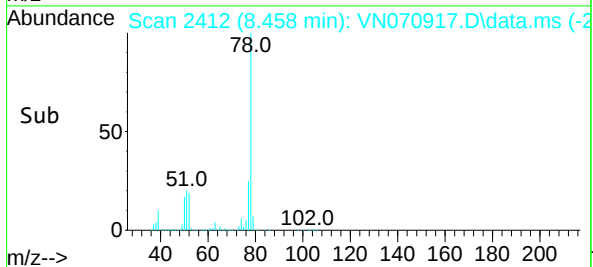
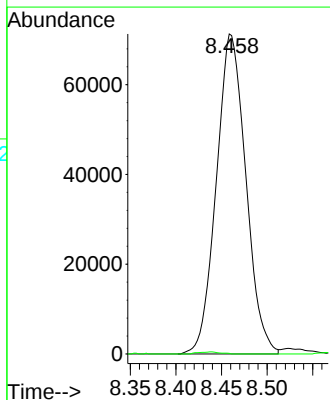
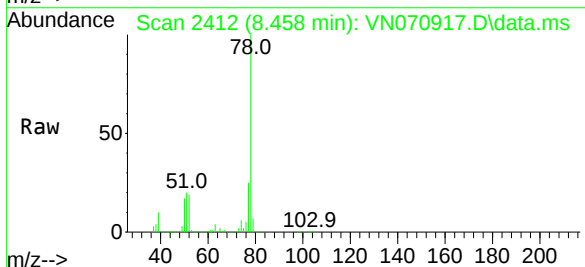
Instrument :
MSVOA_N
ClientSampleId :
31535DL

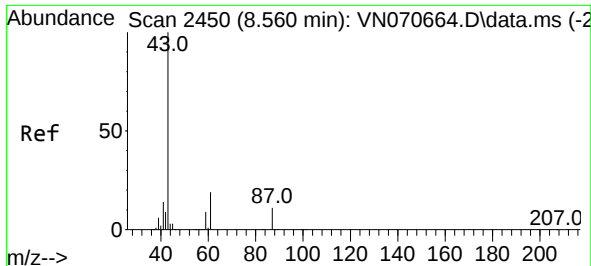
Tgt Ion: 41 Resp: 3056
Ion Ratio Lower Upper
41 100
39 4.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 10.521 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.070 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 62 Resp: 160370
Ion Ratio Lower Upper
62 100
98 0.5 0.0 17.6

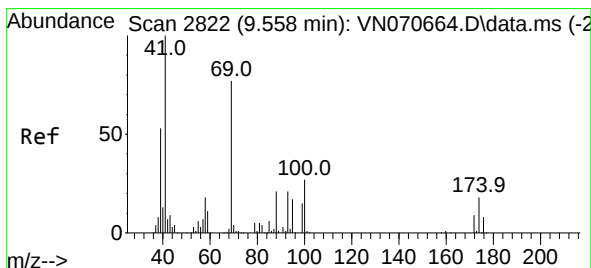
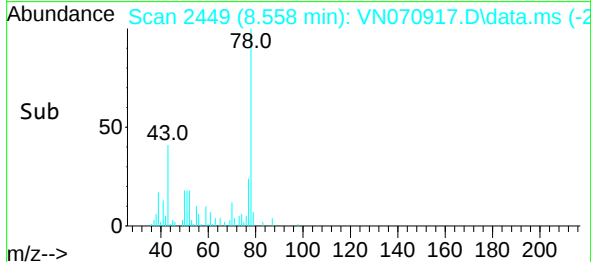
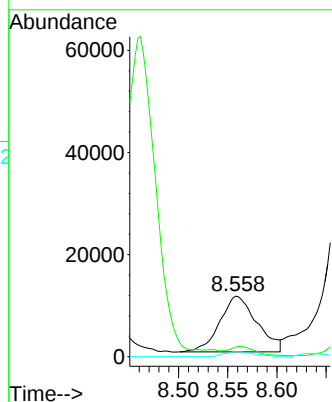
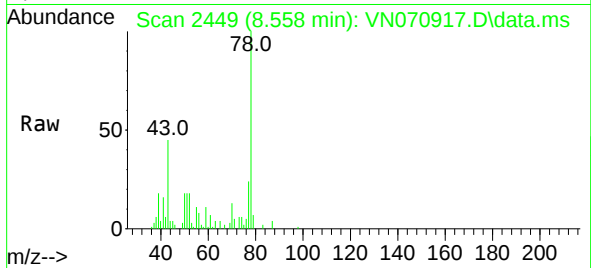




#43
Isopropyl Acetate
Concen: 0.869 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

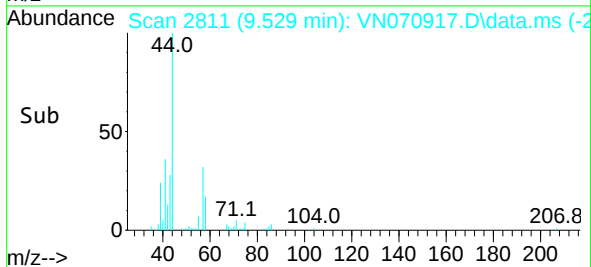
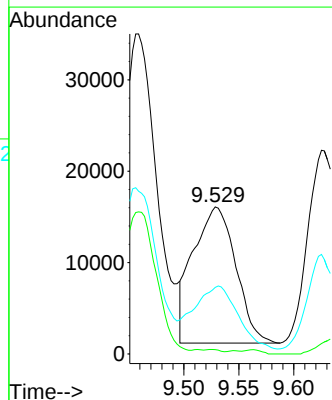
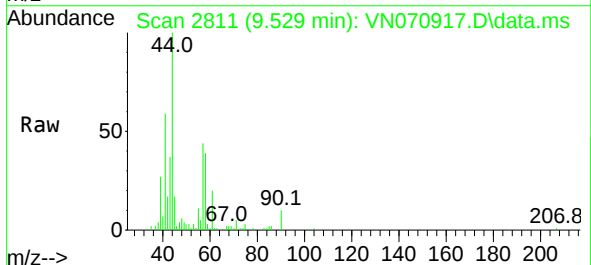
Instrument :
MSVOA_N
ClientSampleId :
31535DL

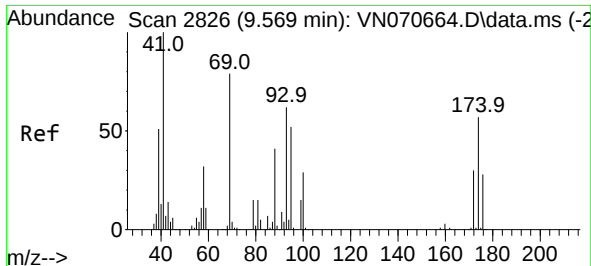
Tgt Ion: 43 Resp: 28711
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 7.2 11.2 16.8#



#48
Methyl methacrylate
Concen: 2.827 ug/l
RT: 9.529 min Scan# 2811
Delta R.T. -0.029 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 41 Resp: 40251
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 39.4 58.4 87.6#





#49

1,4-Dioxane

Concen: 18.059 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

31535DL

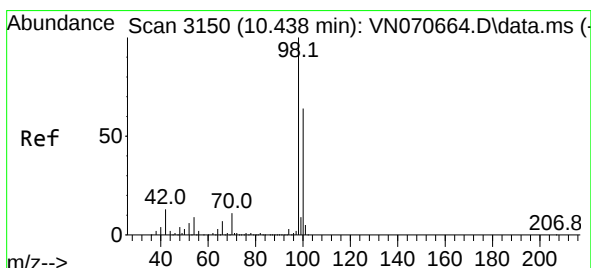
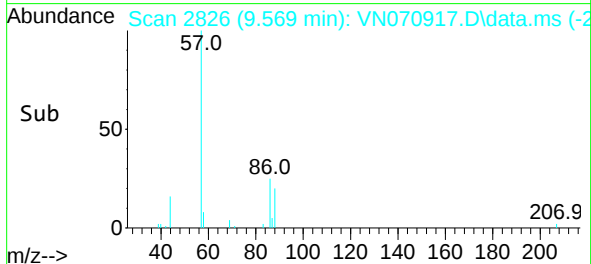
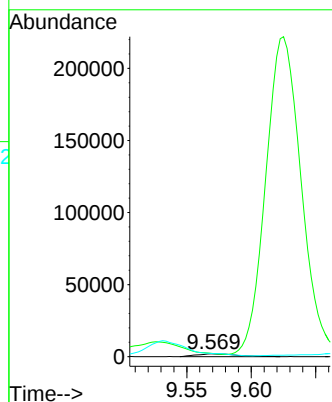
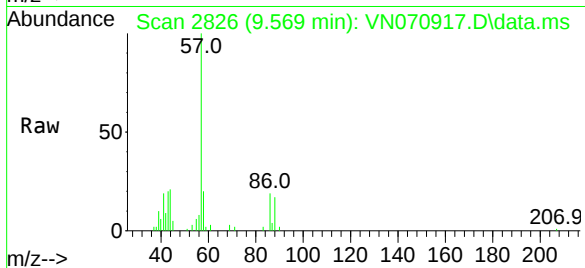
Tgt Ion: 88 Resp: 4307

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 50.335 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN070917.D

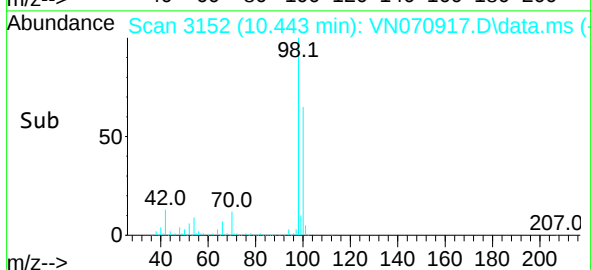
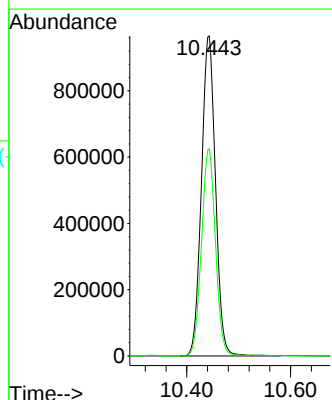
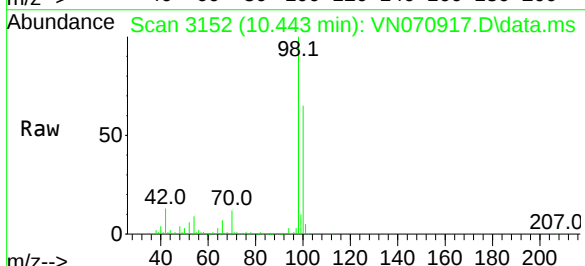
Acq: 3 Feb 2022 2:39

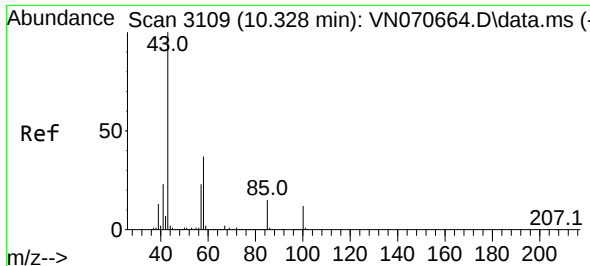
Tgt Ion: 98 Resp: 1813090

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6

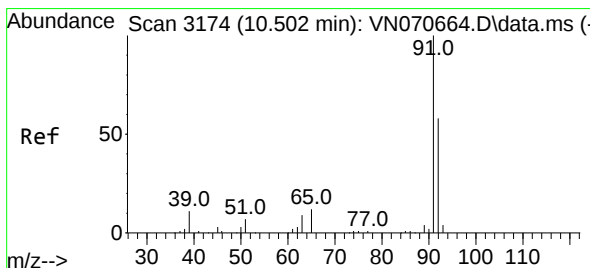
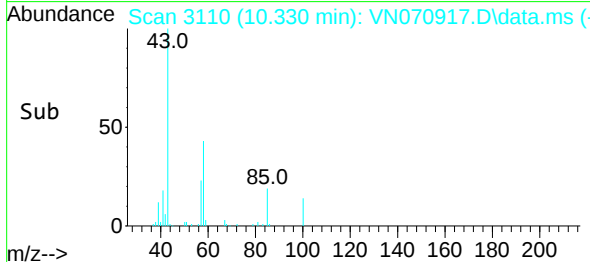
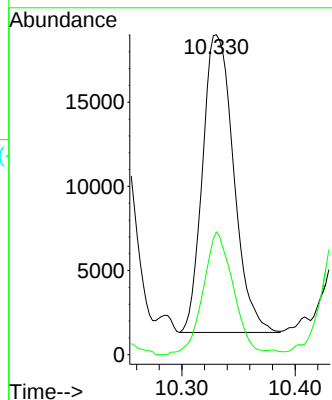
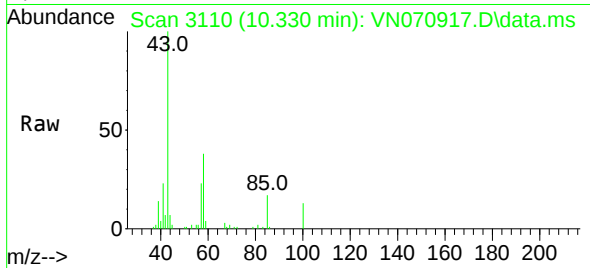




#51
4-Methyl-2-Pentanone
Concen: 1.736 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

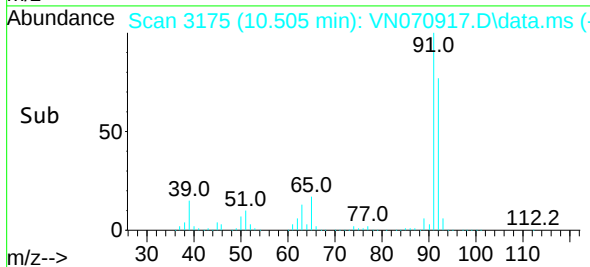
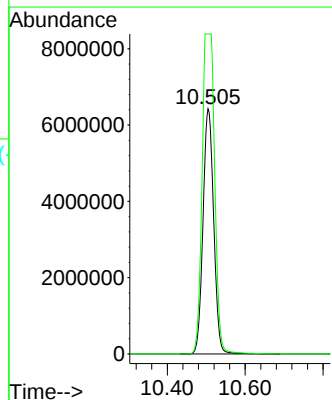
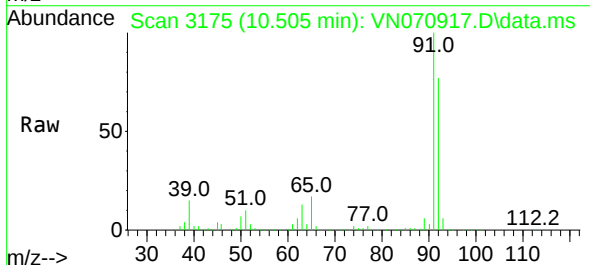
Instrument :
MSVOA_N
ClientSampleId :
31535DL

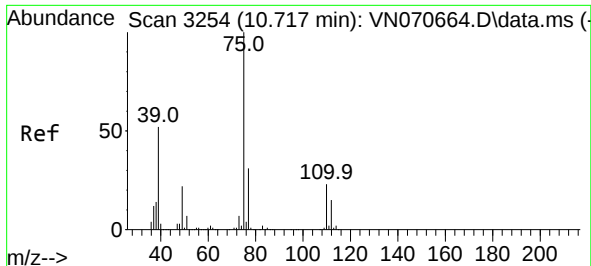
Tgt Ion: 43 Resp: 33737
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 439.003 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 92 Resp:12179399
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#

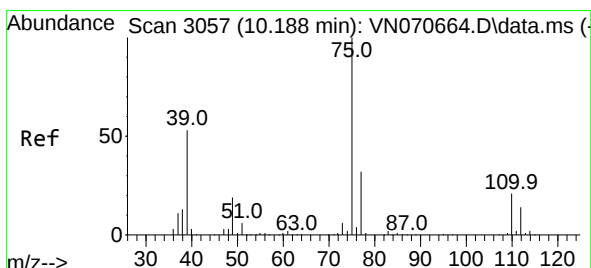
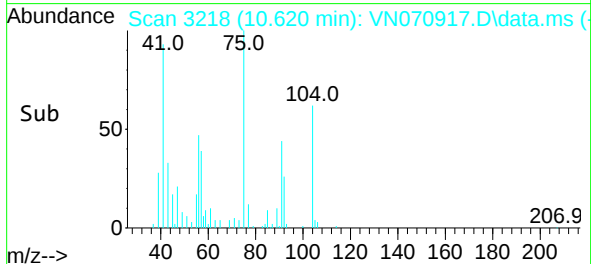
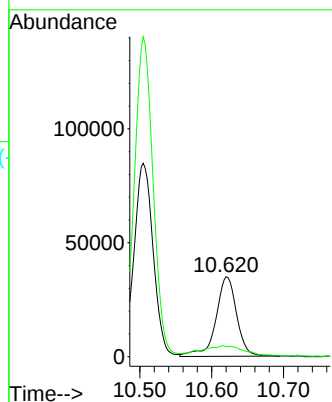
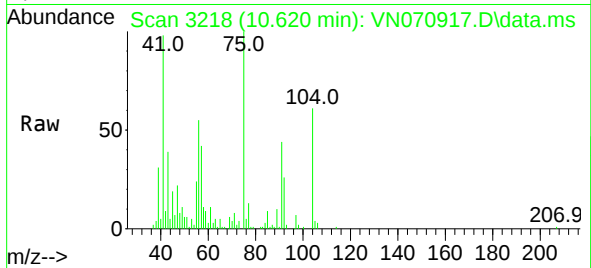




#53
t-1,3-Dichloropropene
Concen: 4.283 ug/l
RT: 10.620 min Scan# 31
Delta R.T. -0.097 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

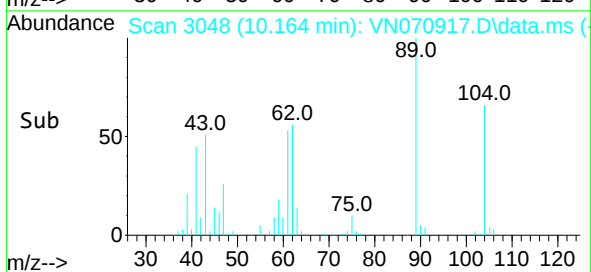
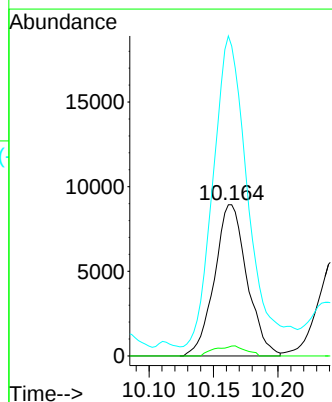
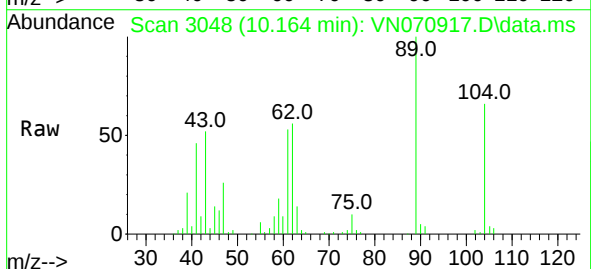
Instrument :
MSVOA_N
ClientSampleId :
31535DL

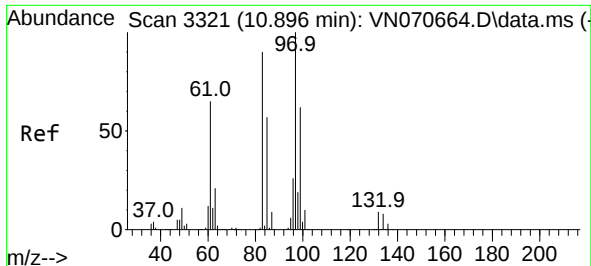
Tgt Ion: 75 Resp: 69938
Ion Ratio Lower Upper
75 100
77 11.2 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.881 ug/l
RT: 10.164 min Scan# 3048
Delta R.T. -0.024 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 75 Resp: 15648
Ion Ratio Lower Upper
75 100
77 6.6 26.4 39.6#
39 198.7 42.5 63.7#

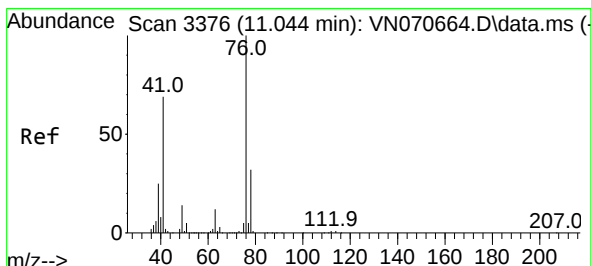
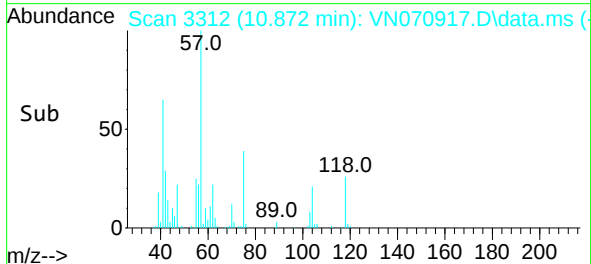
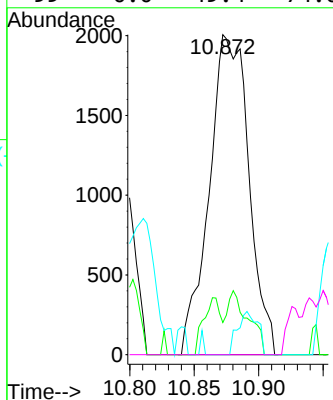
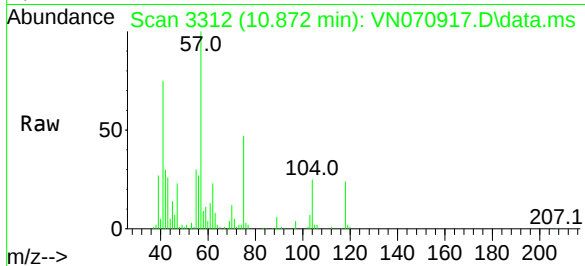




#55
 1,1,2-Trichloroethane
 Concen: 0.407 ug/l
 RT: 10.872 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

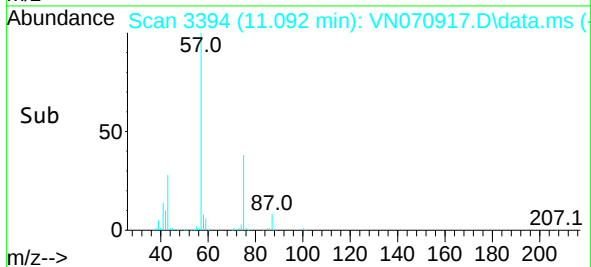
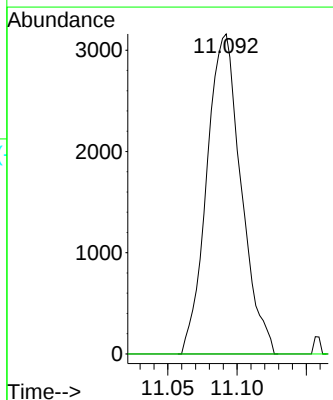
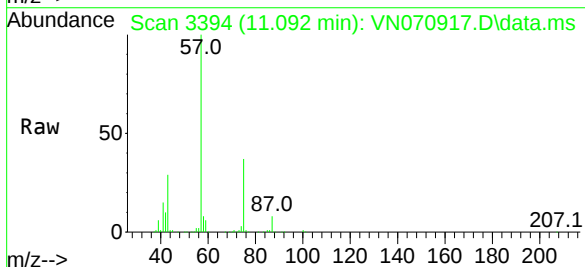
Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL

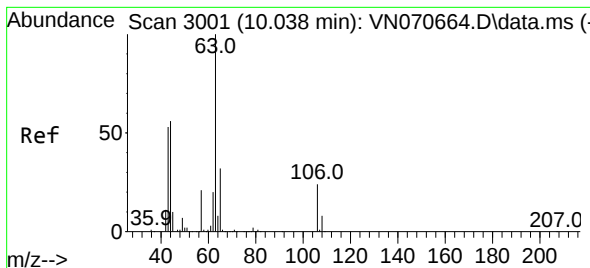
Tgt Ion:	97	Resp:	4284
Ion	Ratio	Lower	Upper
97	100		
83	10.1	67.8	101.6#
85	0.0	45.4	68.2#
99	0.0	49.4	74.0#



#57
 1,3-Dichloropropane
 Concen: 0.295 ug/l
 RT: 11.092 min Scan# 3394
 Delta R.T. 0.048 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

Tgt Ion:	76	Resp:	5450
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

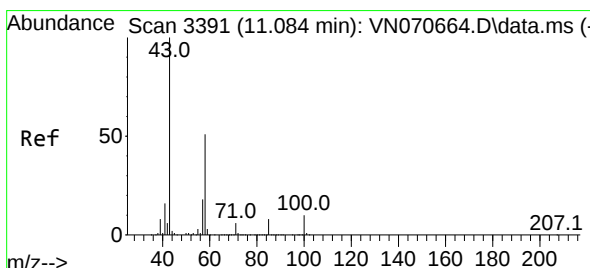
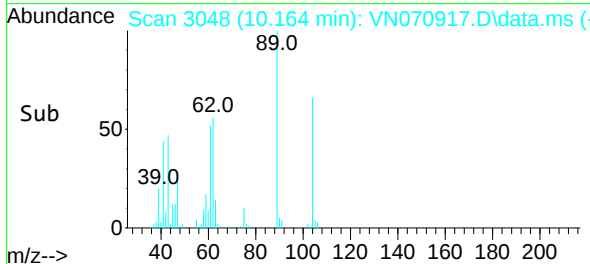
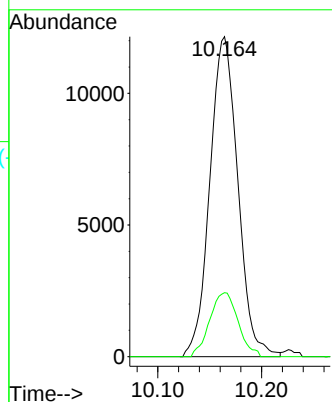
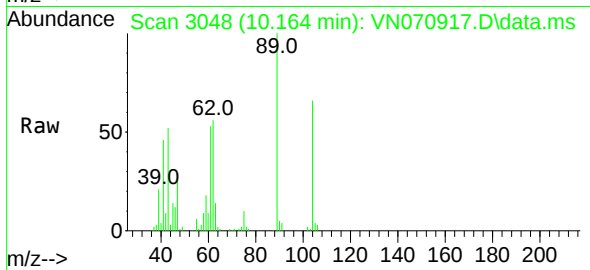




#58
2-Chloroethyl Vinyl ether
Concen: 23.872 ug/l
RT: 10.164 min Scan# 3001
Delta R.T. 0.123 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

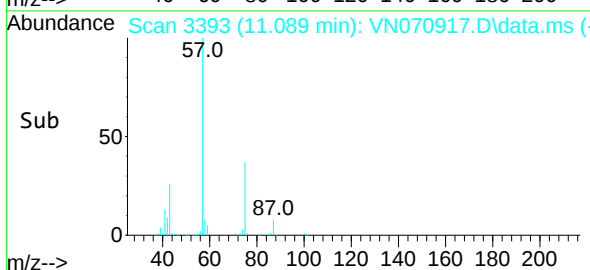
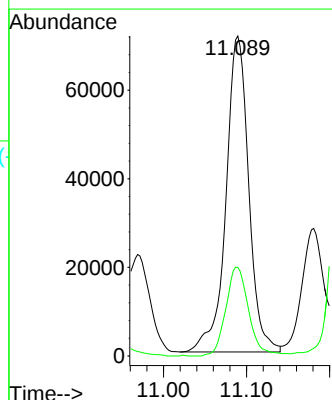
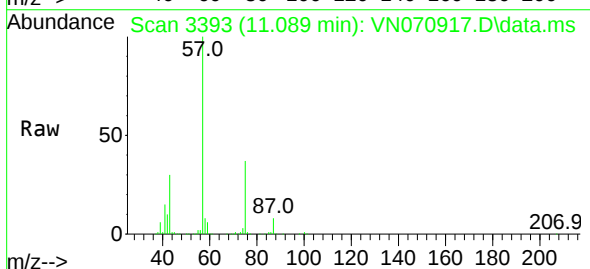
Instrument :
MSVOA_N
ClientSampleId :
31535DL

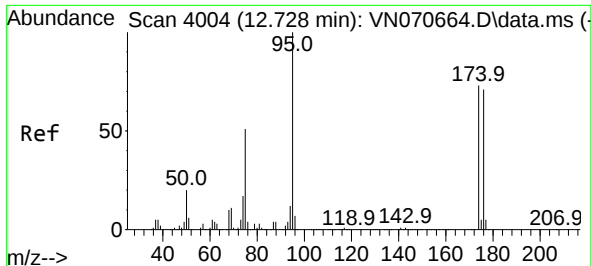
Tgt Ion: 63 Resp: 22772
Ion Ratio Lower Upper
63 100
106 20.2 23.9 35.9#



#59
2-Hexanone
Concen: 9.587 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 43 Resp: 136049
Ion Ratio Lower Upper
43 100
58 28.3 26.9 80.7

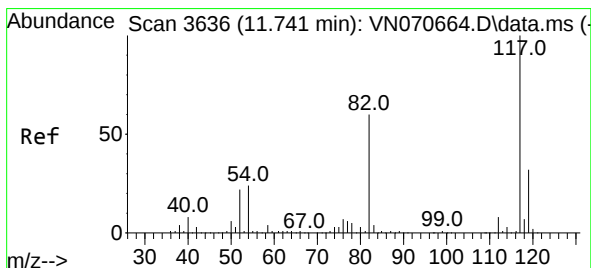
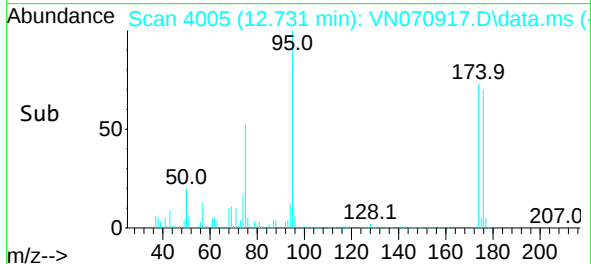
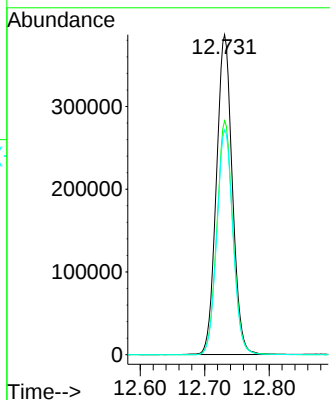
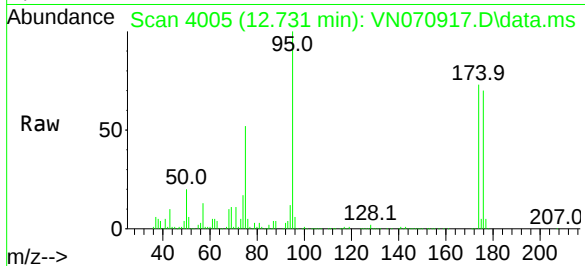




#62
4-Bromofluorobenzene
Concen: 51.115 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

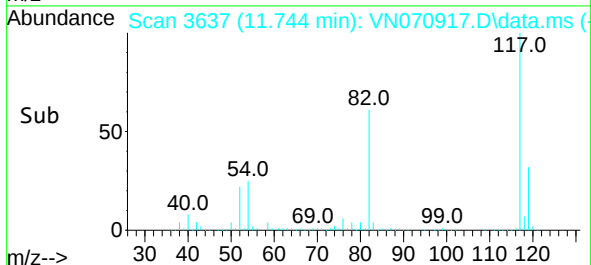
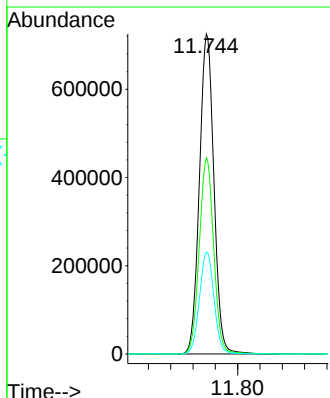
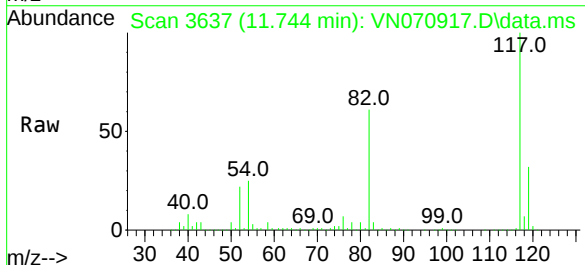
Instrument :
MSVOA_N
ClientSampleId :
31535DL

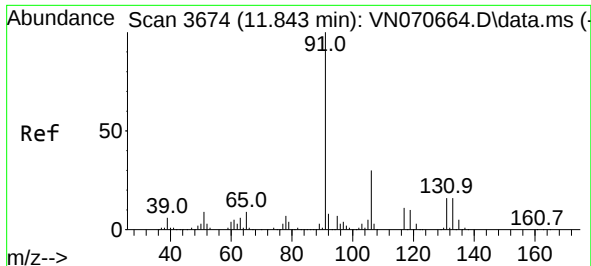
Tgt Ion: 95 Resp: 663421
Ion Ratio Lower Upper
95 100
174 73.6 0.0 187.2
176 71.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 117 Resp: 1310282
Ion Ratio Lower Upper
117 100
82 61.3 42.4 63.6
119 31.8 25.4 38.2





#67

Ethyl Benzene

Concen: 16.643 ug/l

RT: 11.843 min Scan# 30

Delta R.T. 0.000 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

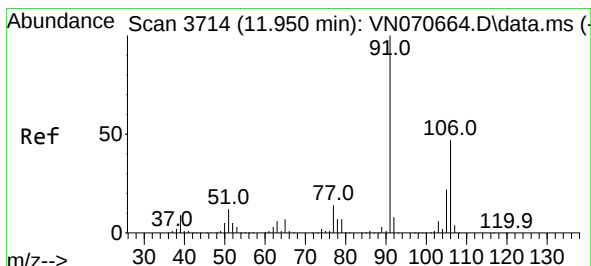
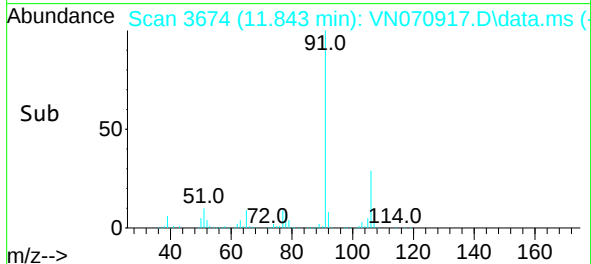
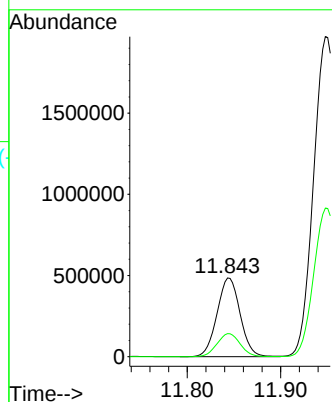
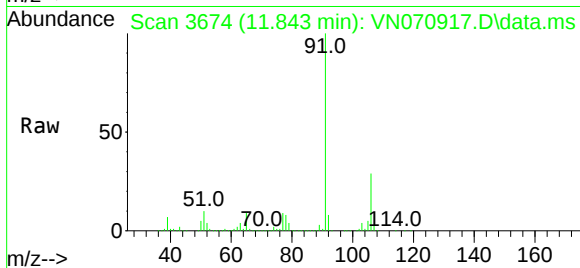
31535DL

Tgt Ion: 91 Resp: 832011

Ion Ratio Lower Upper

91 100

106 29.2 25.7 38.5



#68

m/p-Xylenes

Concen: 95.042 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070917.D

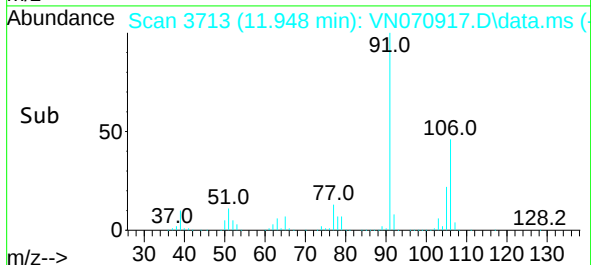
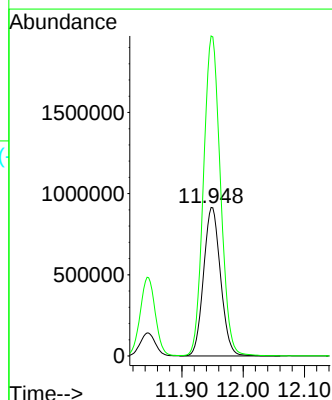
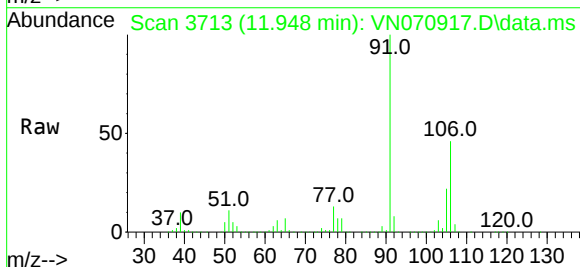
Acq: 3 Feb 2022 2:39

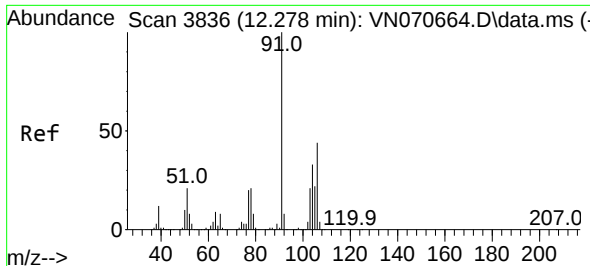
Tgt Ion:106 Resp: 1760447

Ion Ratio Lower Upper

106 100

91 216.1 160.6 240.8

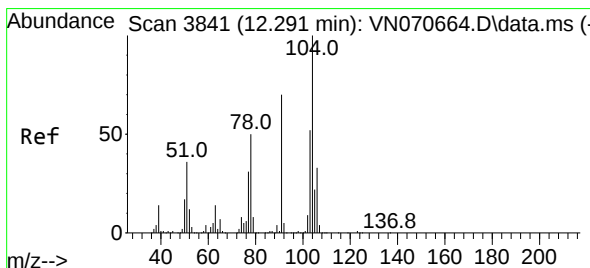
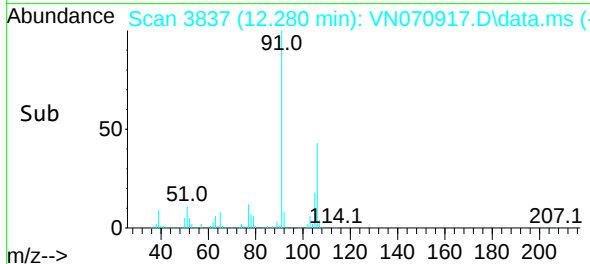
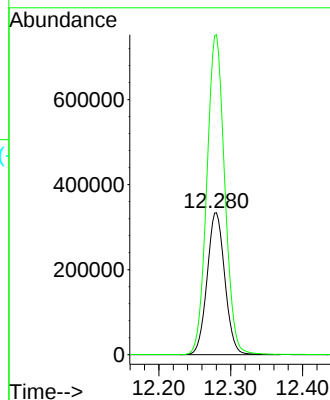
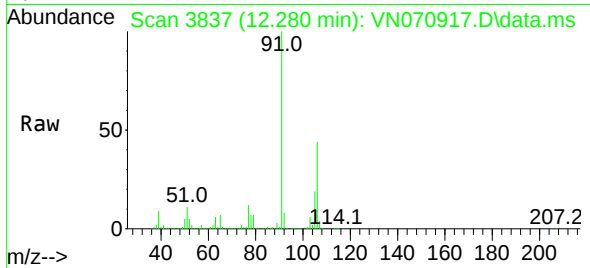




#69
o-Xylene
Concen: 30.952 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

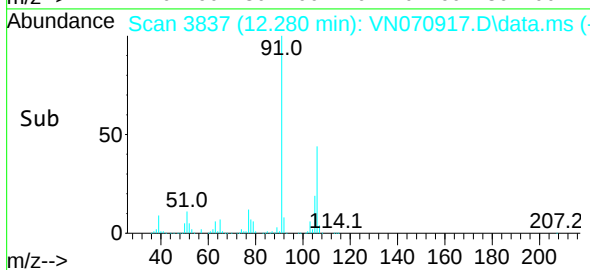
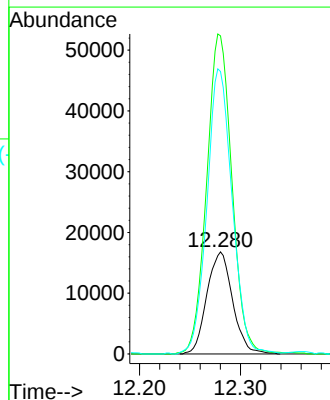
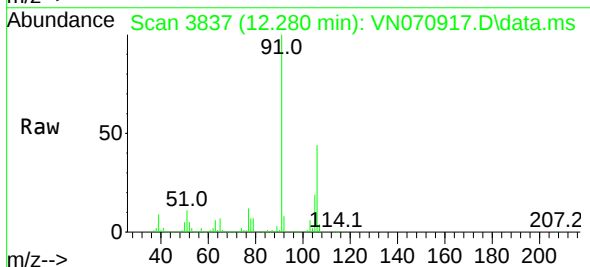
Instrument :
MSVOA_N
ClientSampleId :
31535DL

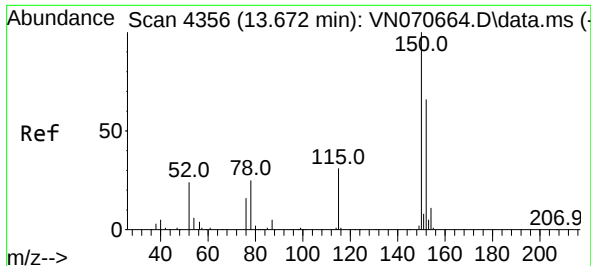
Tgt Ion:106 Resp: 573793
Ion Ratio Lower Upper
106 100
91 226.7 105.8 317.3



#70
Styrene
Concen: 1.018 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion:104 Resp: 29740
Ion Ratio Lower Upper
104 100
78 307.4 38.7 58.1#
103 273.8 45.0 67.6#

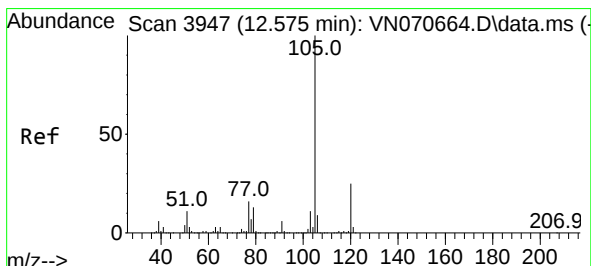
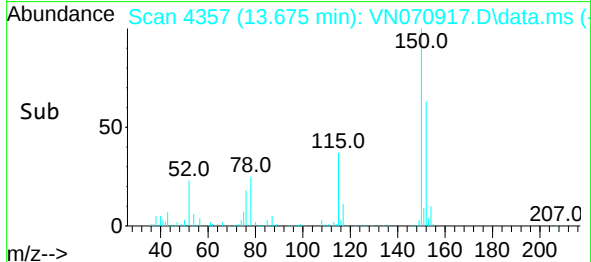
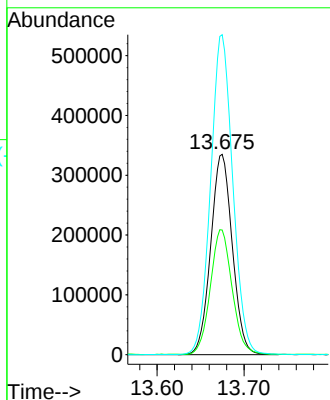
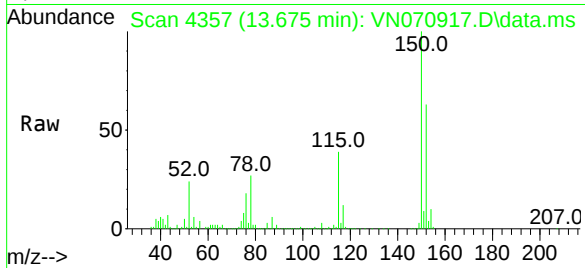




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

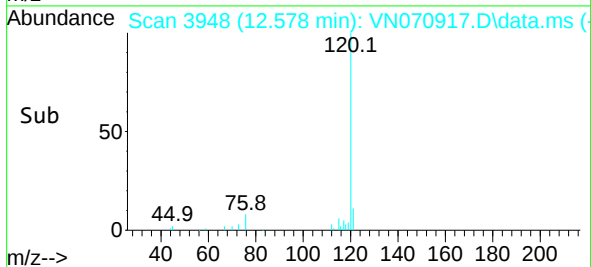
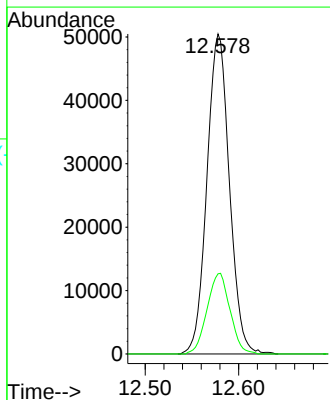
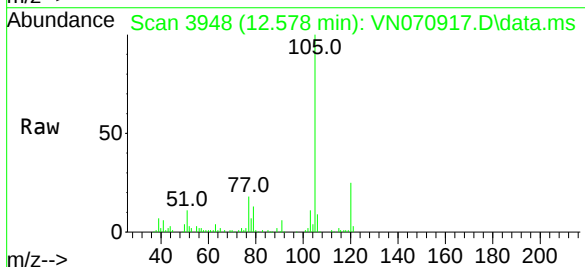
Instrument :
MSVOA_N
ClientSampleId :
31535DL

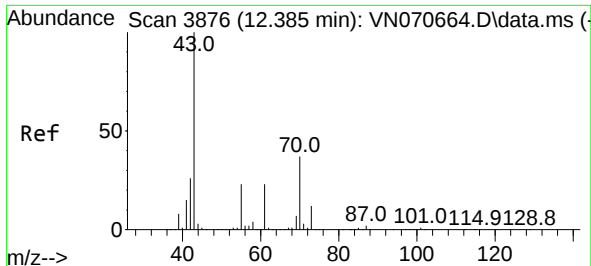
Tgt Ion:152 Resp: 578509
Ion Ratio Lower Upper
152 100
115 62.6 27.5 82.5
150 163.9 0.0 344.4



#73
Isopropylbenzene
Concen: 1.672 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion:105 Resp: 84376
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

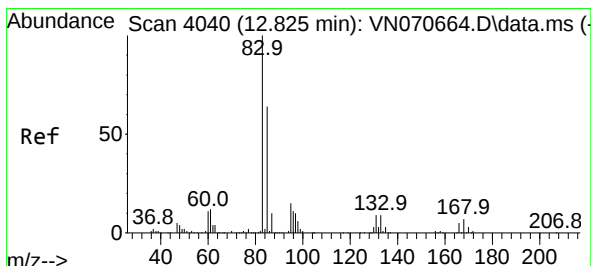
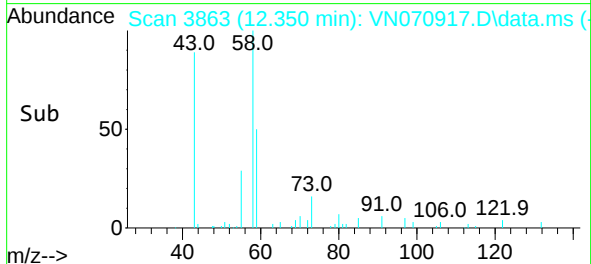
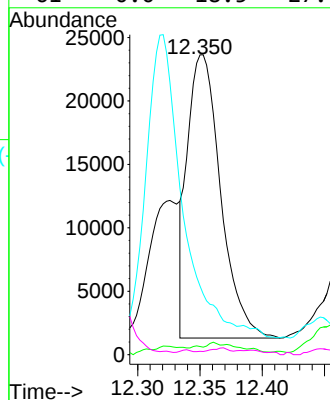
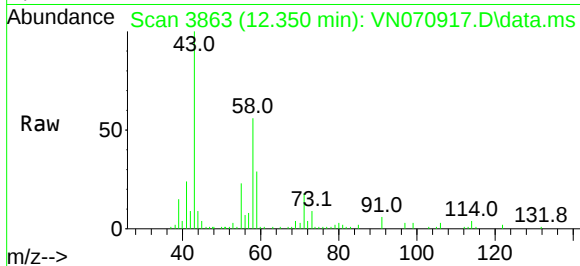




#74
N-amy1 acetate
Concen: 1.831 ug/l
RT: 12.350 min Scan# 31
Delta R.T. -0.038 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

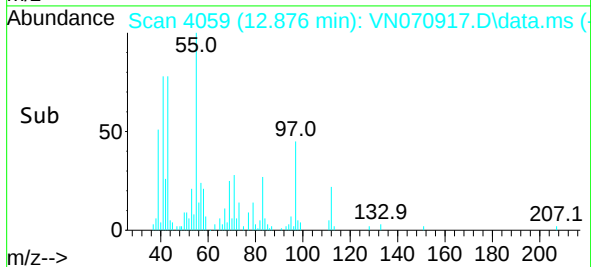
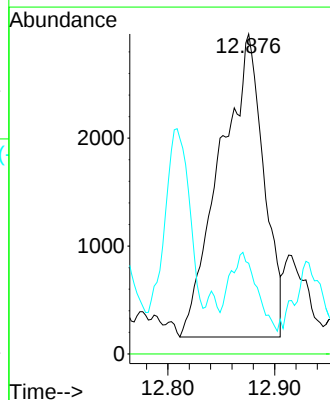
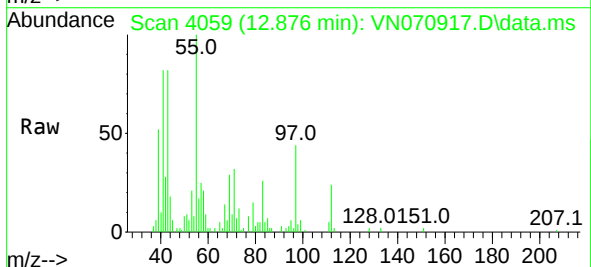
Instrument :
MSVOA_N
ClientSampleId :
31535DL

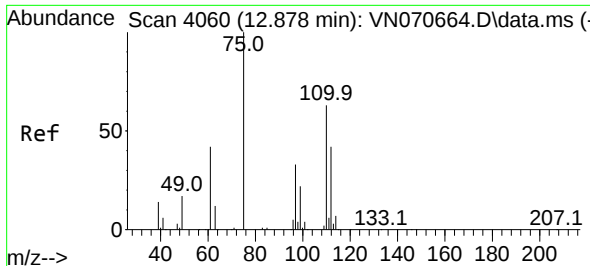
Tgt Ion:	43	Resp:	41385
Ion	Ratio	Lower	Upper
43	100		
70	0.6	33.4	50.0#
55	0.0	19.3	28.9#
61	0.0	18.5	27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.454 ug/l
RT: 12.876 min Scan# 4059
Delta R.T. 0.051 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion:	83	Resp:	7935
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	16.1	32.4	97.2#

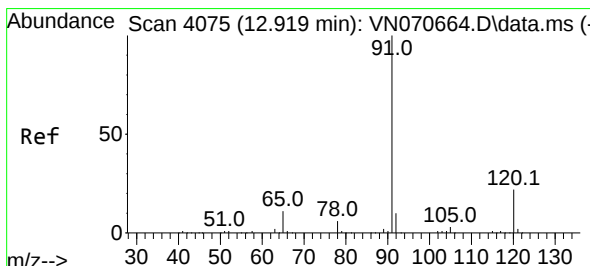
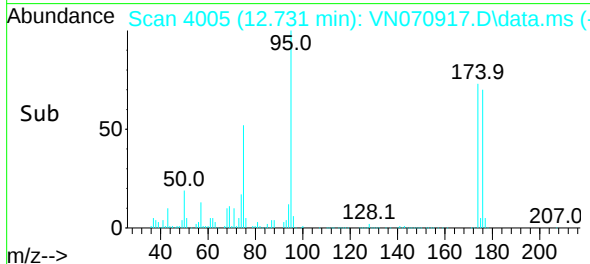
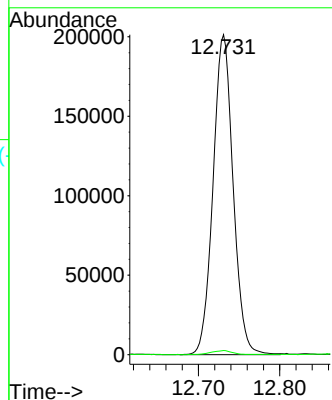
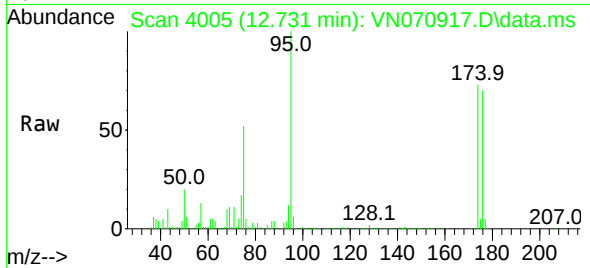




#76
1,2,3-Trichloropropane
Concen: 24.782 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

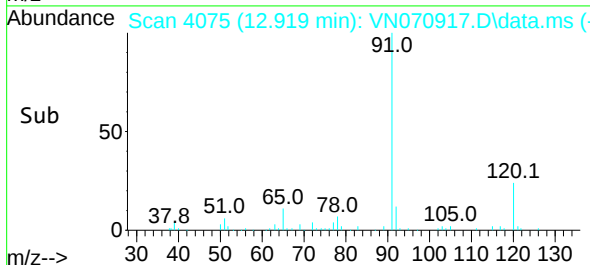
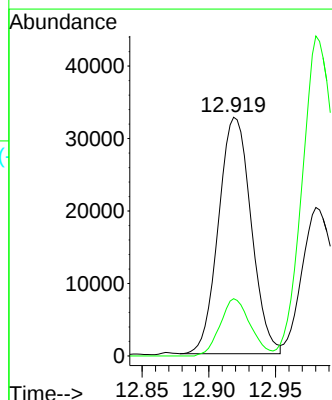
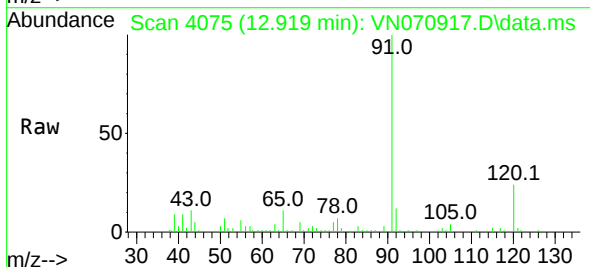
Instrument :
MSVOA_N
ClientSampleId :
31535DL

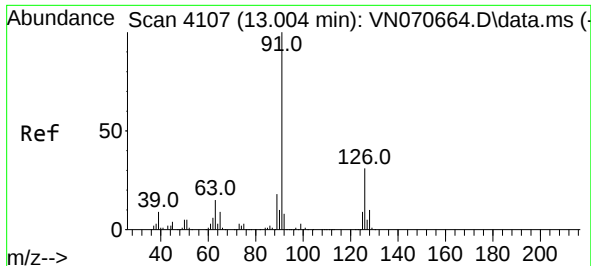
Tgt Ion: 75 Resp: 345081
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#78
n-propylbenzene
Concen: 0.967 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 91 Resp: 55677
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9

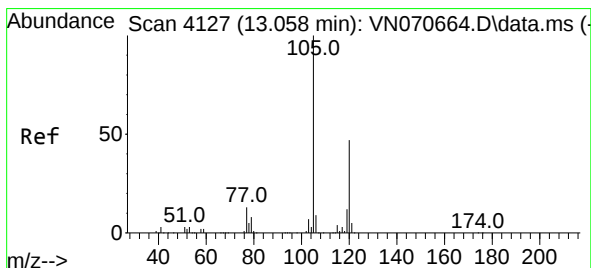
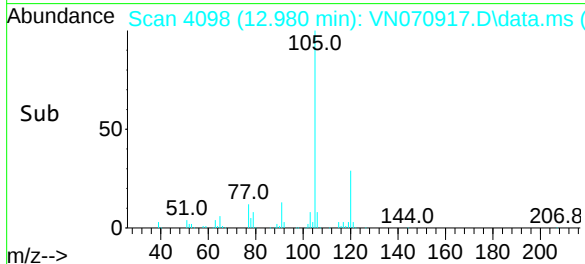
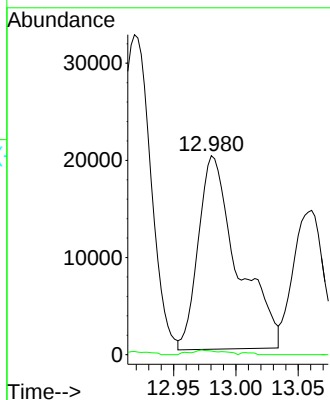
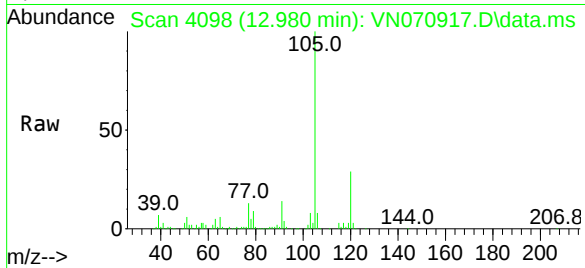




#79
2-Chlorotoluene
Concen: 1.226 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.027 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

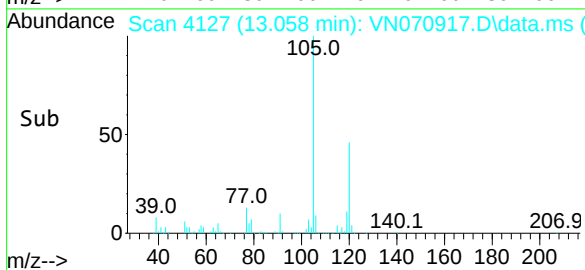
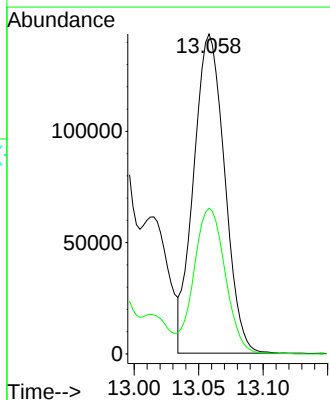
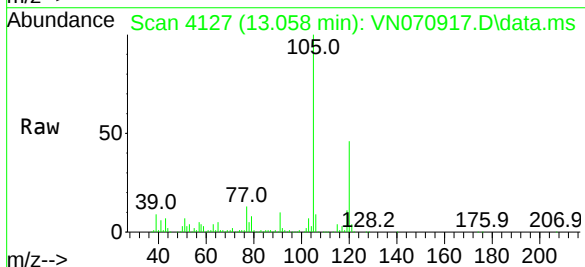
Instrument :
MSVOA_N
ClientSampleId :
31535DL

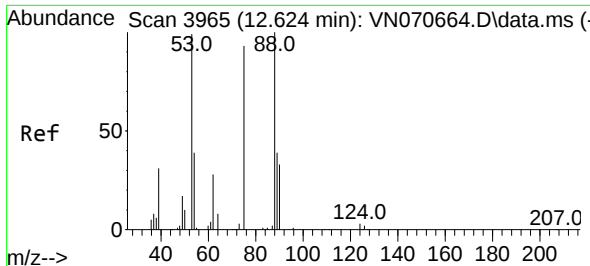
Tgt Ion: 91 Resp: 43889
Ion Ratio Lower Upper
91 100
126 1.4 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 5.834 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 105 Resp: 238694
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6

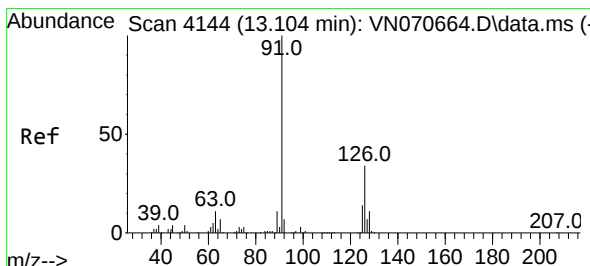
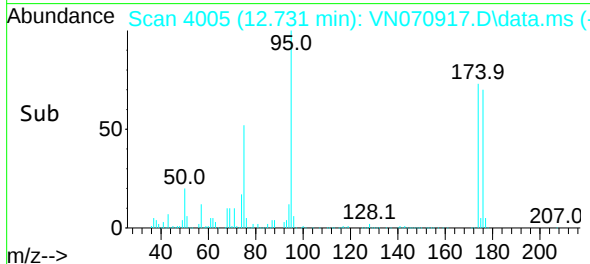
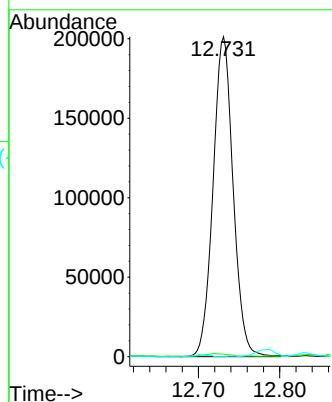
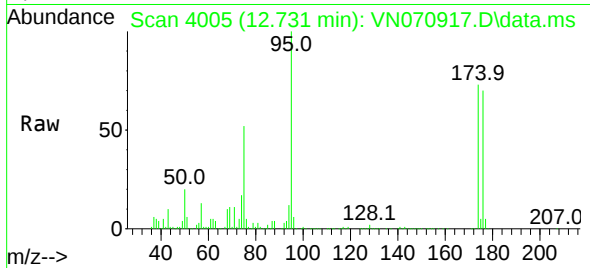




#81
trans-1,4-Dichloro-2-butene
Concen: 67.175 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

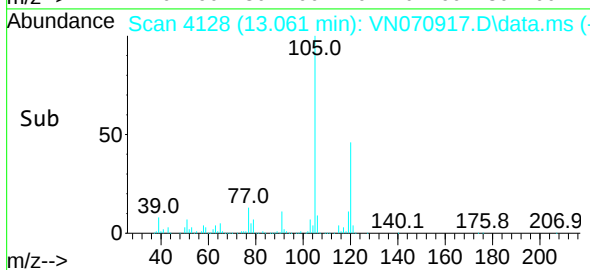
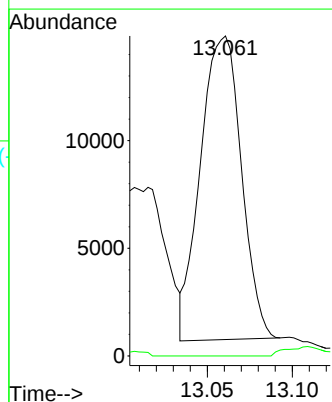
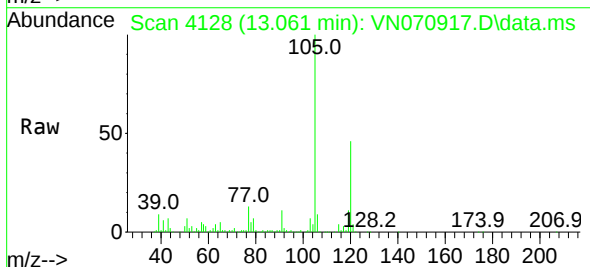
Instrument :
MSVOA_N
ClientSampleId :
31535DL

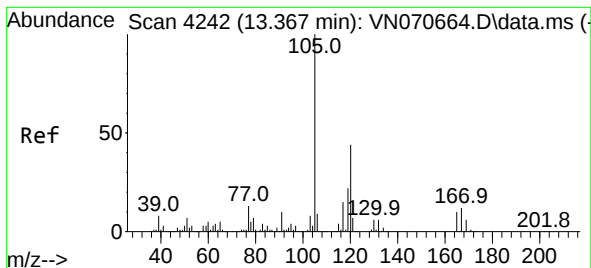
Tgt Ion: 75 Resp: 345081
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.685 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.043 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion: 91 Resp: 23632
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#





#84

1,2,4-Trimethylbenzene

Concen: 10.630 ug/l

RT: 13.366 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN070917.D

Acq: 3 Feb 2022 2:39

Instrument :

MSVOA_N

ClientSampleId :

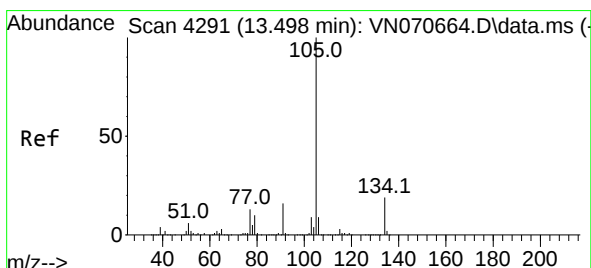
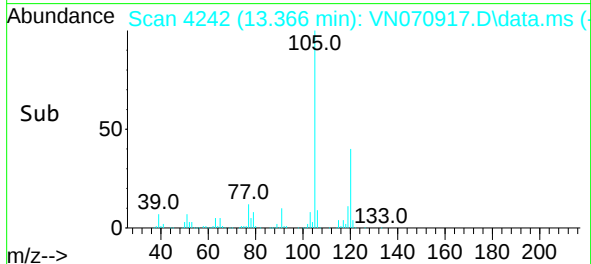
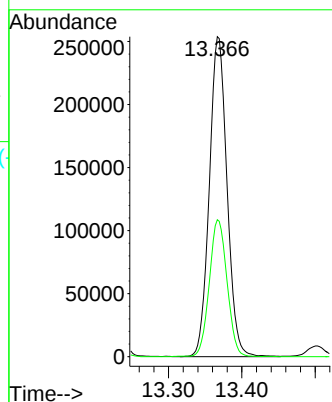
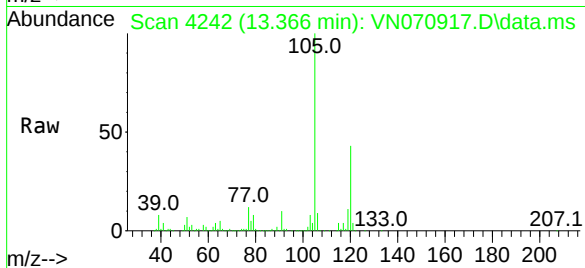
31535DL

Tgt Ion:105 Resp: 425335

Ion Ratio Lower Upper

105 100

120 42.6 22.8 68.4



#85

sec-Butylbenzene

Concen: 0.277 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.000 min

Lab File: VN070917.D

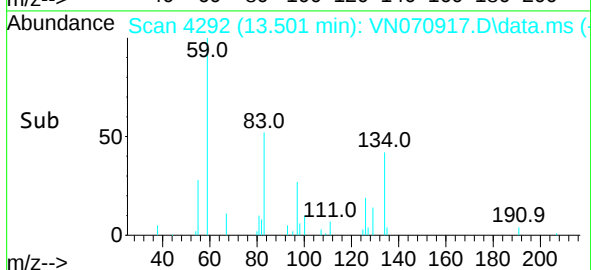
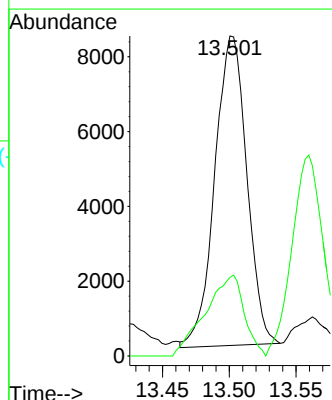
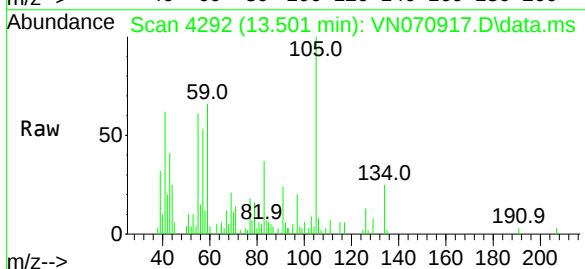
Acq: 3 Feb 2022 2:39

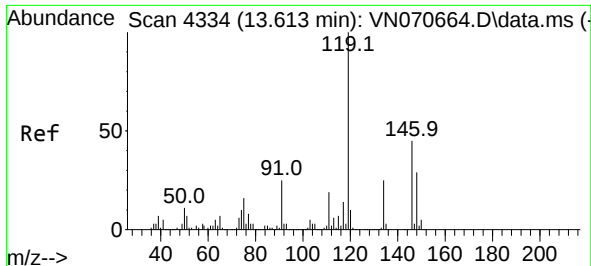
Tgt Ion:105 Resp: 13806

Ion Ratio Lower Upper

105 100

134 31.5 10.4 31.1#

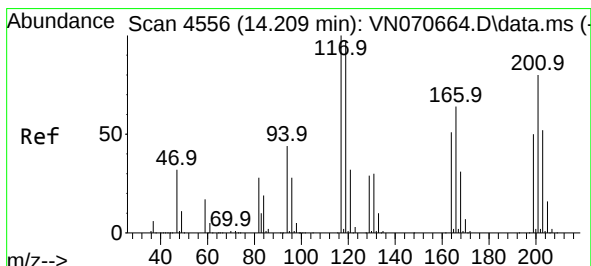
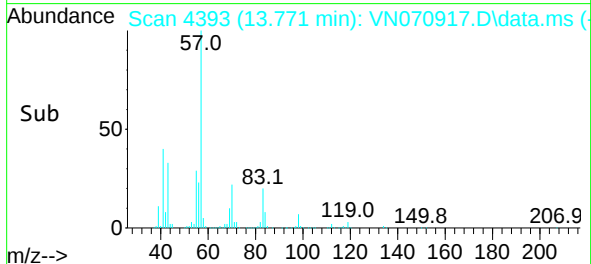
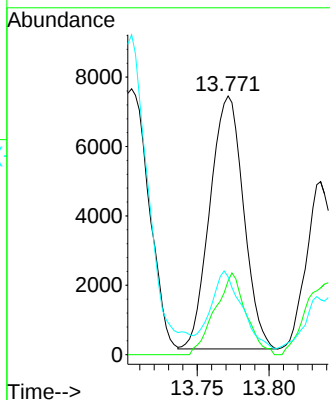
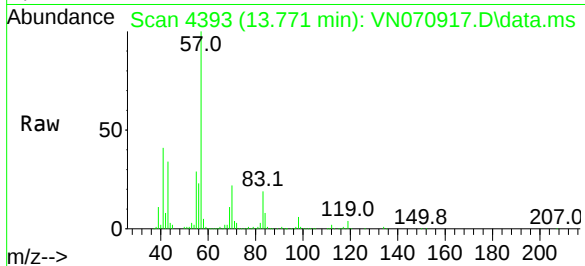




#86
p-Isopropyltoluene
Concen: 0.301 ug/l
RT: 13.771 min Scan# 41
Delta R.T. 0.158 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

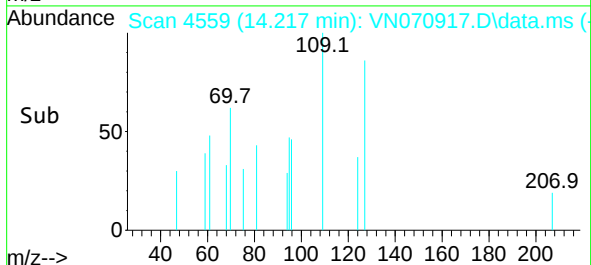
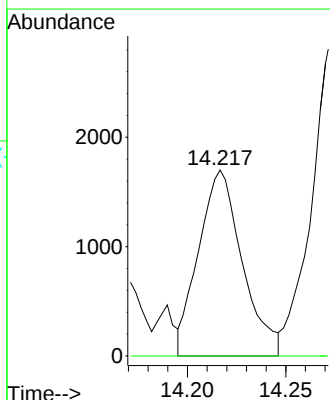
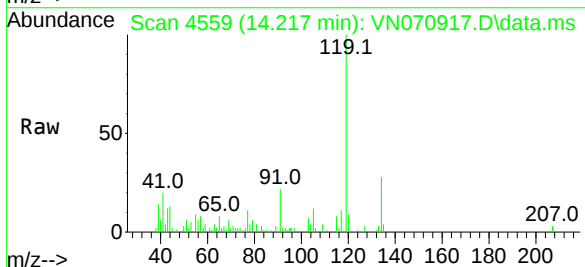
Instrument :
MSVOA_N
ClientSampleId :
31535DL

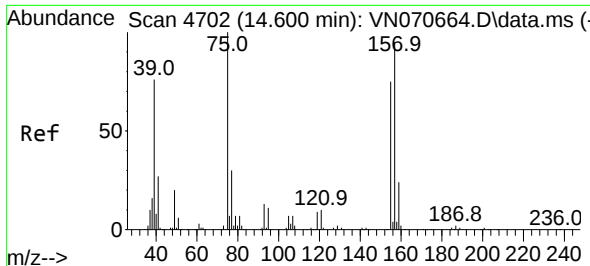
Tgt Ion:119 Resp: 11842
Ion Ratio Lower Upper
119 100
134 29.6 13.6 40.7
91 28.3 11.4 34.1



#90
Hexachloroethane
Concen: 0.376 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

Tgt Ion:117 Resp: 2622
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

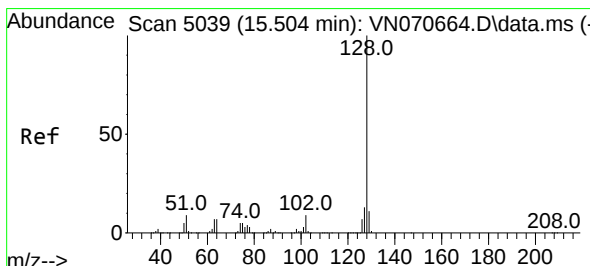
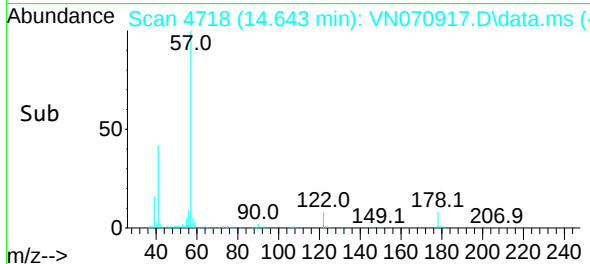
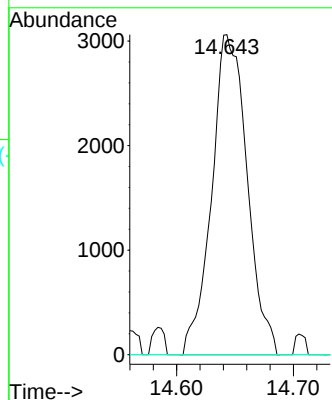
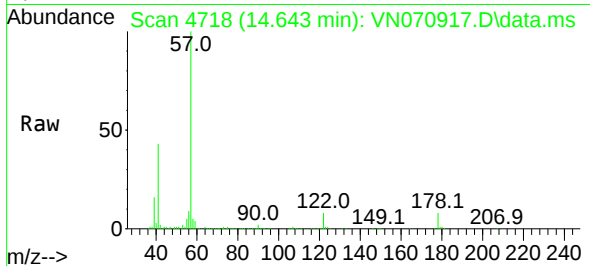




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.035 ug/l
RT: 14.643 min Scan# 4718
Delta R.T. 0.040 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

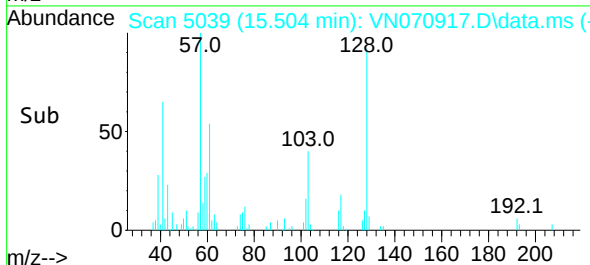
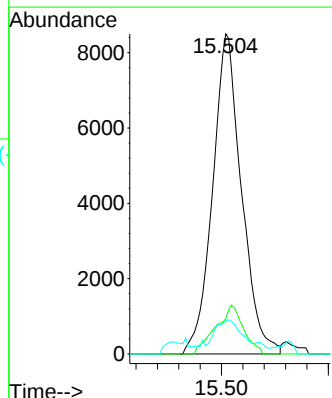
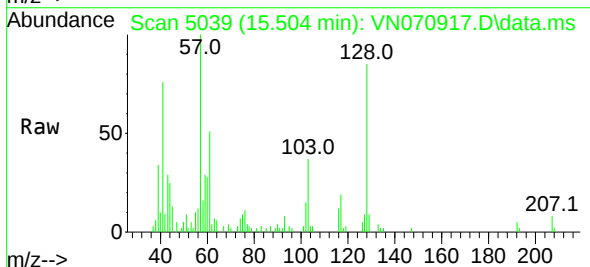
Instrument :
MSVOA_N
ClientSampleId :
31535DL

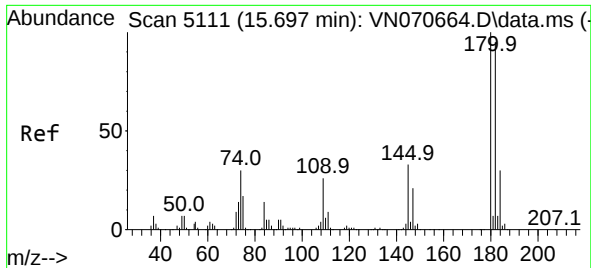
Tgt Ion: 75 Resp: 6447
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



#95
Naphthalene
Concen: 4.033 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070917.D
Acq: 3 Feb 2022 2:39

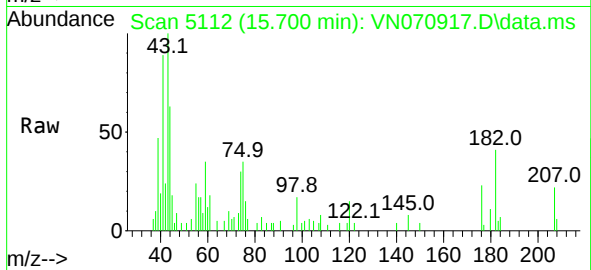
Tgt Ion: 128 Resp: 15961
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 7.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.779 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070917.D
 Acq: 3 Feb 2022 2:39

Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL



Tgt Ion:180 Resp: 826
 Ion Ratio Lower Upper
 180 100
 182 622.3 47.4 142.2#
 145 53.9 15.0 45.1#

