

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070137.D
 Acq On : 16 Dec 2021 14:57
 Operator : JC/MD
 Sample : M5011-05
 Misc : 2.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 15:49:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1292056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2436707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2544416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1321403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1026485	51.455	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.900%
35) Dibromofluoromethane	8.019	113	677199	44.369	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.740%
50) Toluene-d8	10.440	98	3081136	50.275	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.734	95	1355547	61.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	4103	0.217	ug/l	100
11) Tert butyl alcohol	5.294	59	12408	3.290	ug/l #	71
13) Acrolein	4.020	56	699	0.218	ug/l	84
16) Acetone	4.307	43	12328	1.027	ug/l	94
18) Methyl Acetate	4.870	43	10978	0.303	ug/l #	72
20) Methylene Chloride	5.055	84	5430	0.340	ug/l #	79
25) 2-Butanone	7.354	43	176285	10.812	ug/l	93
29) Tetrahydrofuran	7.708	42	11537	1.165	ug/l #	70
31) Cyclohexane	8.070	56	107705	3.880	ug/l #	65
36) 1,1-Dichloropropene	8.078	75	109577	4.724	ug/l #	49
37) Ethyl Acetate	7.354	43	176285	5.106	ug/l #	68
38) Carbon Tetrachloride	8.080	117	130965	5.757	ug/l #	17
39) Methylcyclohexane	9.453	83	170960	6.196	ug/l #	73
43) Isopropyl Acetate	8.544	43	27826	0.545	ug/l #	55
47) Bromodichloromethane	9.740	83	16469	0.697	ug/l #	29
48) Methyl methacrylate	9.585	41	24582	1.031	ug/l #	22
51) 4-Methyl-2-Pentanone	10.368	43	128878	3.888	ug/l #	75
52) Toluene	10.508	92	23746	0.549	ug/l	98
53) t-1,3-Dichloropropene	10.706	75	115	2.798	ug/l #	58
54) cis-1,3-Dichloropropene	10.025	75	59	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	75878	4.344	ug/l #	33
56) Ethyl methacrylate	10.784	69	6649	2.472	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.022	63	2130	18.611	ug/l #	45
59) 2-Hexanone	11.052	43	121331	4.839	ug/l #	30
60) Dibromochloromethane	11.039	129	314	2.392	ug/l	62
67) Ethyl Benzene	11.846	91	600748	6.407	ug/l	95
68) m/p-Xylenes	11.953	106	751765	22.020	ug/l	92
69) o-Xylene	12.283	106	221093	6.429	ug/l	91
70) Styrene	12.280	104	12098	0.222	ug/l #	1
71) Bromoform	12.717	173	1113	2.799	ug/l #	29
73) Isopropylbenzene	12.578	105	242511	2.063	ug/l	98
74) N-amyl acetate	12.369	43	175677	3.379	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.819	83	9083	0.223	ug/l #	1
76) 1,2,3-Trichloropropane	12.983	75	24258	0.640	ug/l #	1
78) n-propylbenzene	12.921	91	1257757	9.614	ug/l	95
79) 2-Chlorotoluene	12.983	91	321384	3.888	ug/l #	38

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

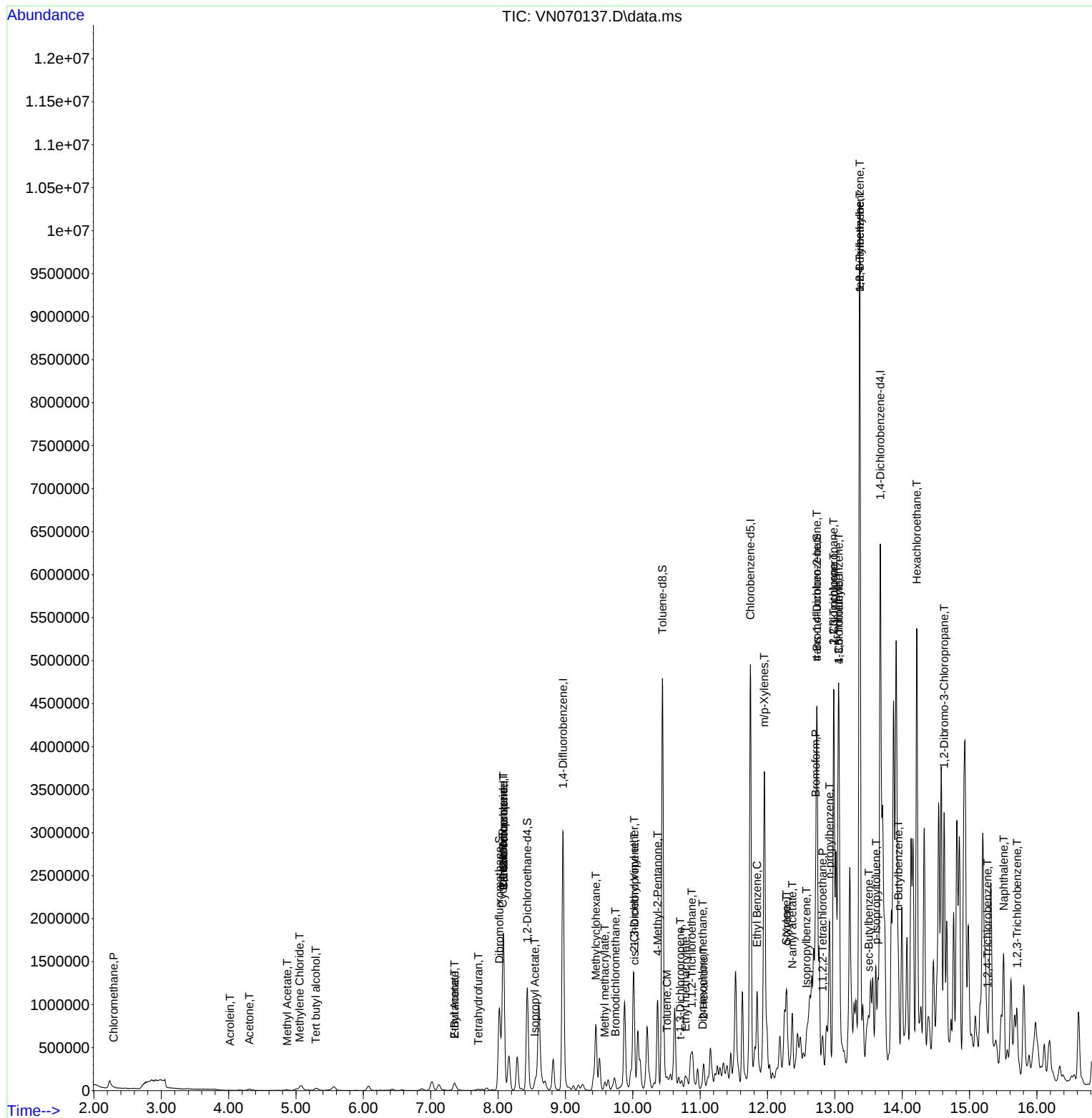
80) 1,3,5-Trimethylbenzene	13.061	105	1677394	17.726	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.734	75	739807	62.767	ug/l #	5
82) 4-Chlorotoluene	13.061	91	181185	2.331	ug/l #	41
83) tert-Butylbenzene	13.369	119	677691	8.088	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.369	105	5615505	62.311	ug/l	97
85) sec-Butylbenzene	13.503	105	223943	1.970	ug/l #	61
86) p-Isopropyltoluene	13.616	119	104504	1.176	ug/l	96
89) n-Butylbenzene	13.943	91	534577	7.418	ug/l #	70
90) Hexachloroethane	14.217	117	216513	13.881	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	5384	0.733	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	1278	2.933	ug/l #	58
95) Naphthalene	15.507	128	855016	16.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	2058	2.528	ug/l #	52

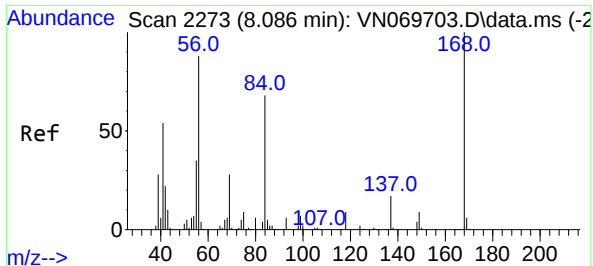
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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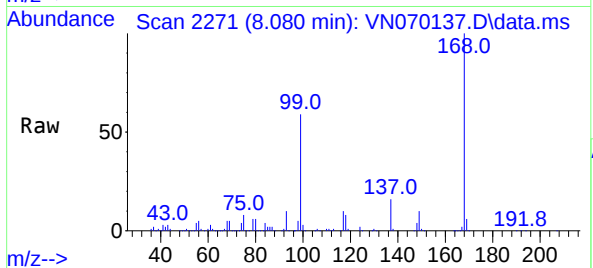
Quant Time: Dec 16 15:49:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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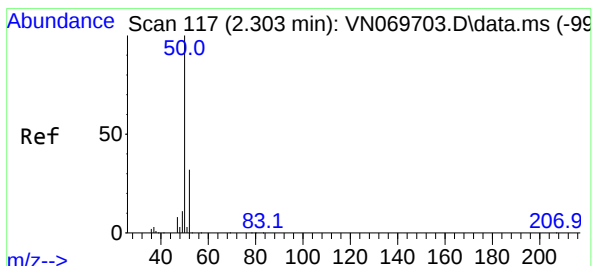
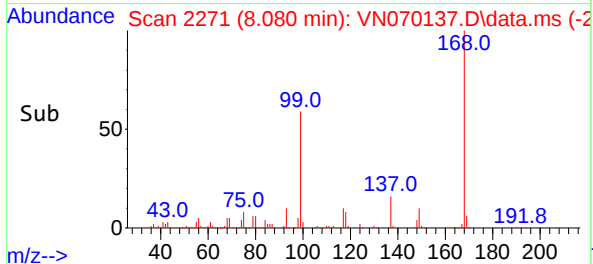
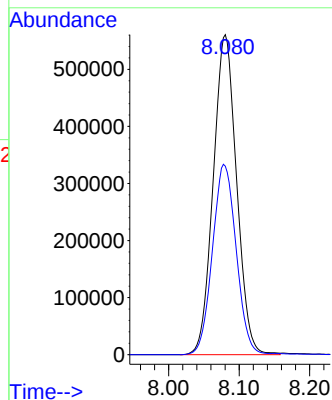


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

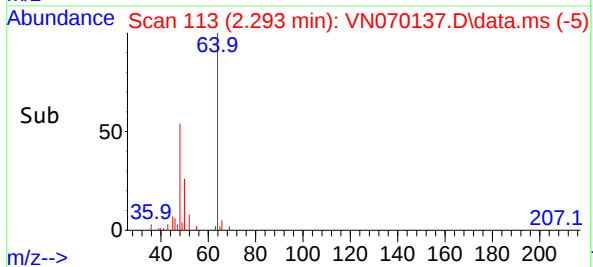
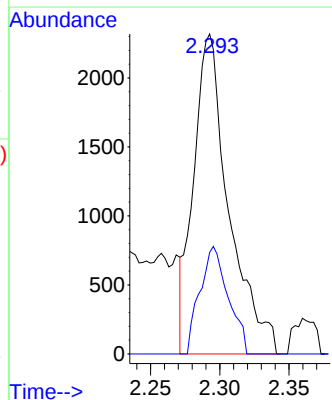
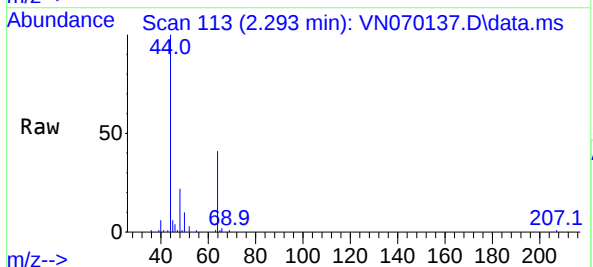


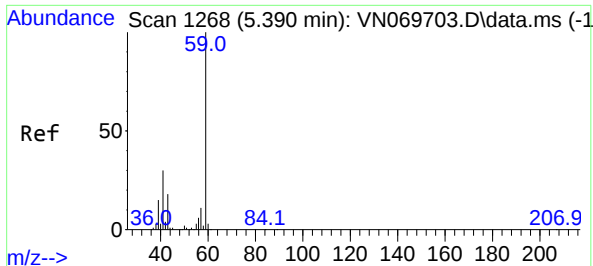
Tgt Ion:168 Resp: 1292056
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.293 min Scan# 113
Delta R.T. -0.011 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

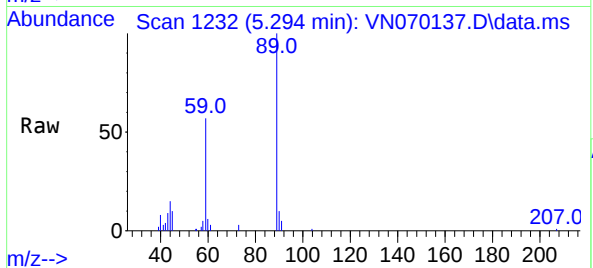
Tgt Ion: 50 Resp: 4103
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



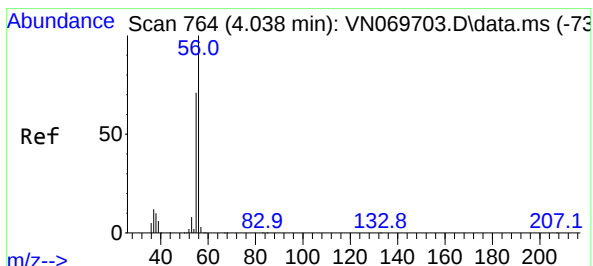
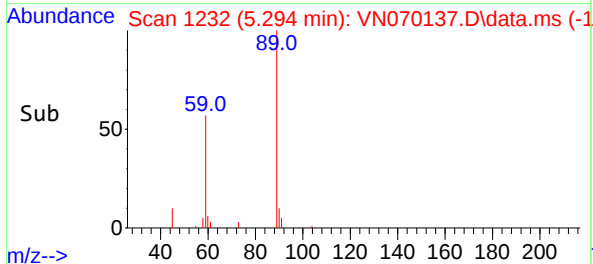
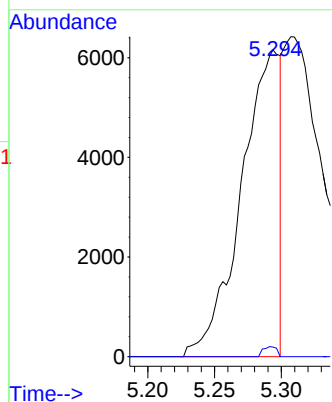


#11
Tert butyl alcohol
Concen: 3.290 ug/l
RT: 5.294 min Scan# 11
Delta R.T. -0.096 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
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ClientSampleId :

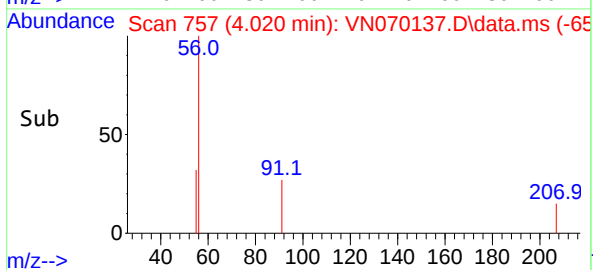
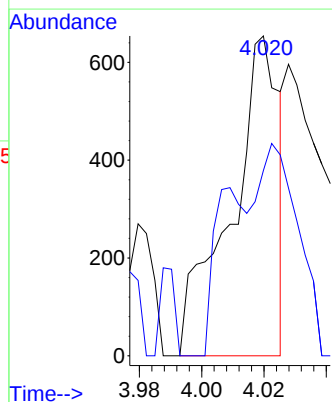
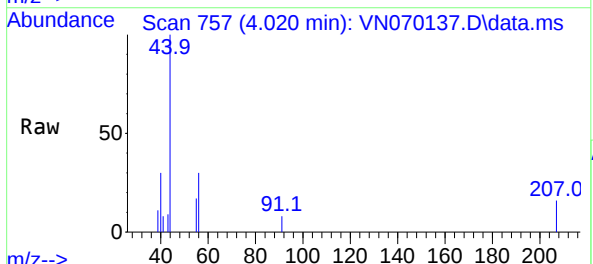


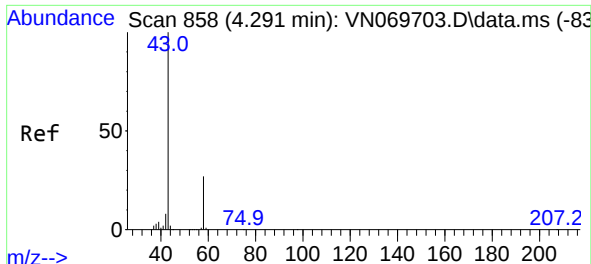
Tgt Ion: 59 Resp: 12408
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.218 ug/l
RT: 4.020 min Scan# 757
Delta R.T. -0.019 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 56 Resp: 699
Ion Ratio Lower Upper
56 100
55 57.9 56.6 85.0

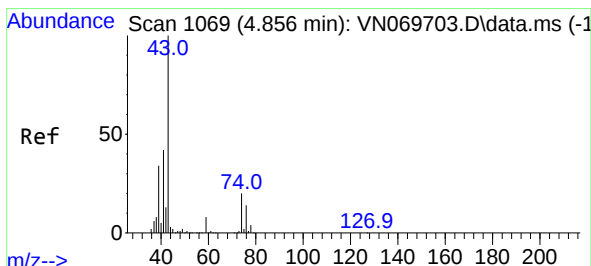
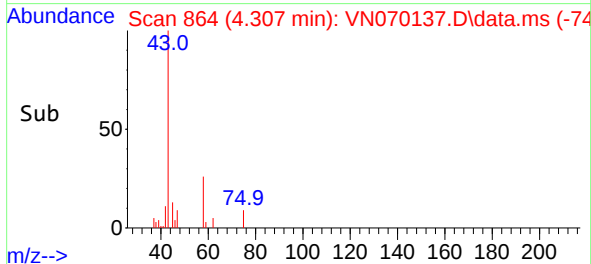
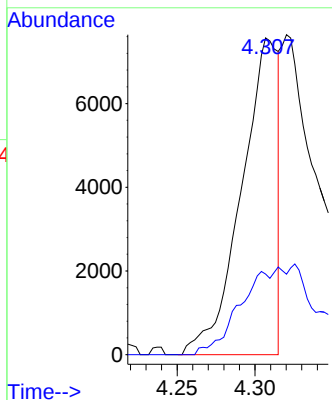
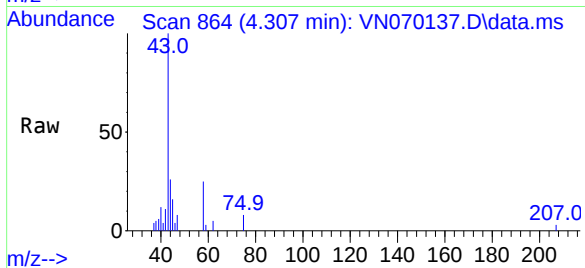




#16
Acetone
Concen: 1.027 ug/l
RT: 4.307 min Scan# 80
Delta R.T. 0.016 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

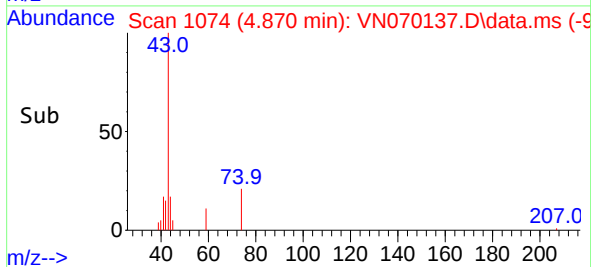
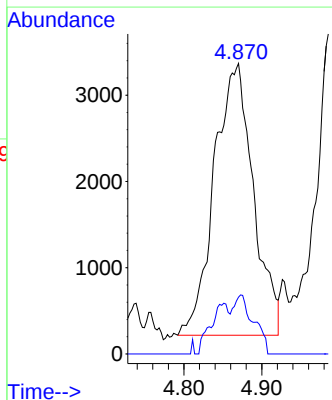
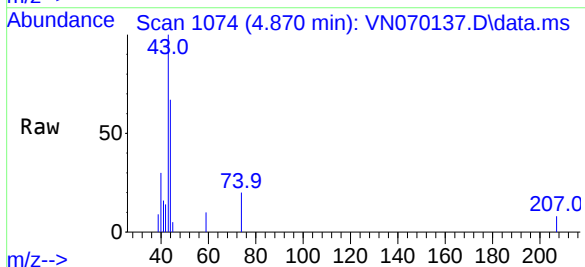
Instrument :
MSVOA_N
ClientSampleId :

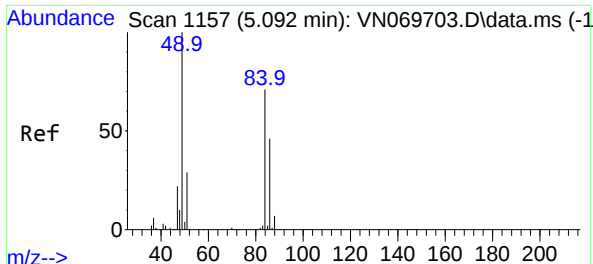
Tgt Ion: 43 Resp: 12328
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7



#18
Methyl Acetate
Concen: 0.303 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

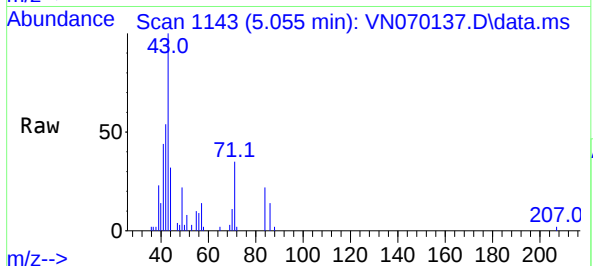
Tgt Ion: 43 Resp: 10978
Ion Ratio Lower Upper
43 100
74 10.5 19.4 29.2#



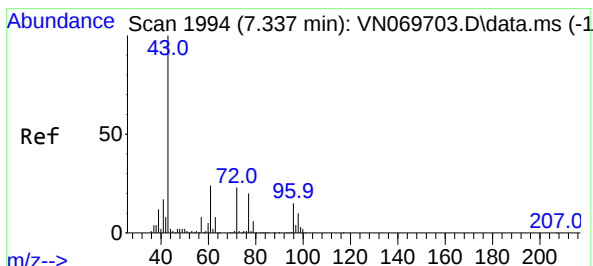
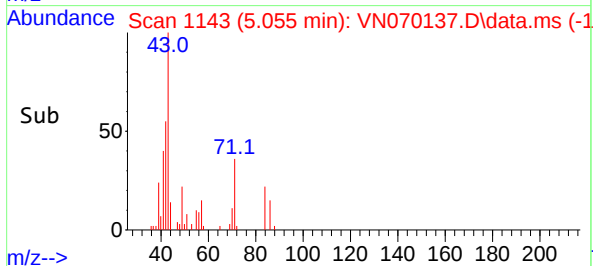
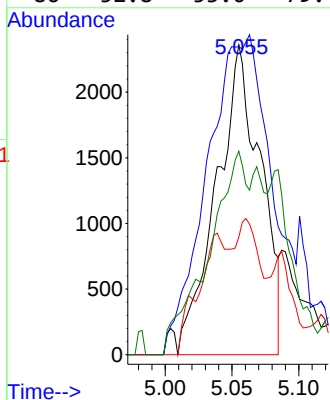


#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 5.055 min Scan# 1157
Delta R.T. -0.037 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

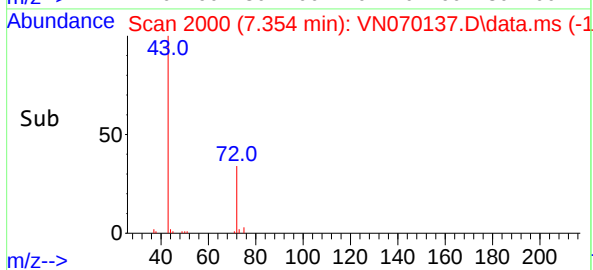
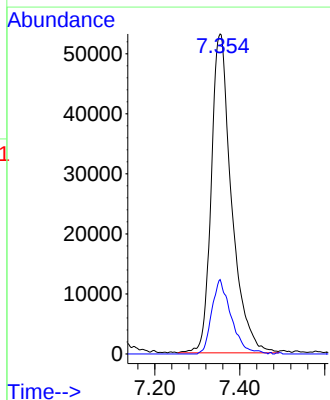
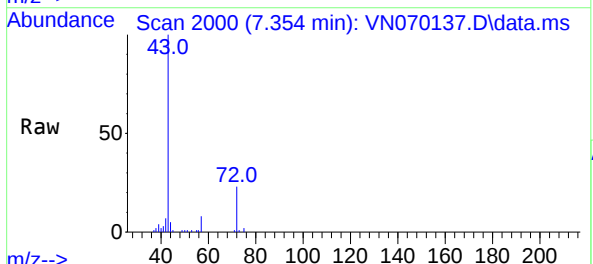


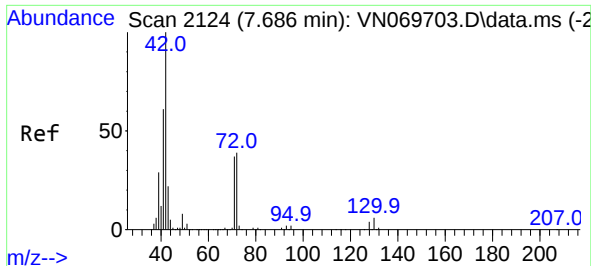
Tgt Ion: 84 Resp: 5430
Ion Ratio Lower Upper
84 100
49 84.2 93.5 140.3#
51 38.0 29.4 44.2
86 52.8 53.0 79.4#



#25
2-Butanone
Concen: 10.812 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 43 Resp: 176285
Ion Ratio Lower Upper
43 100
72 23.3 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.165 ug/l

RT: 7.708 min Scan# 21

Delta R.T. 0.022 min

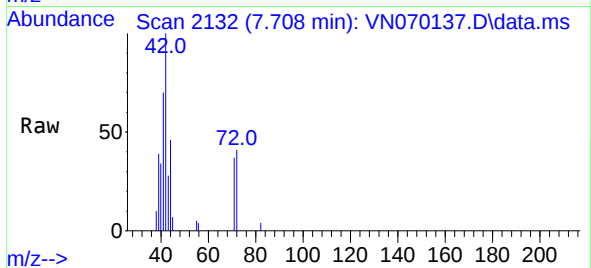
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Acq: 16 Dec 2021 14:57

Instrument :

MSVOA_N

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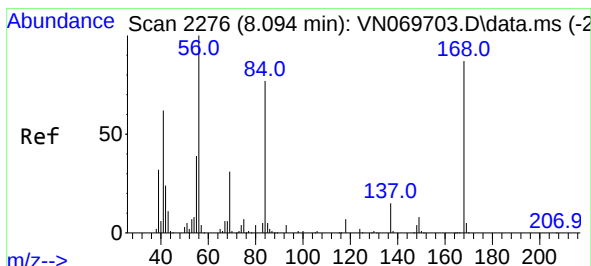
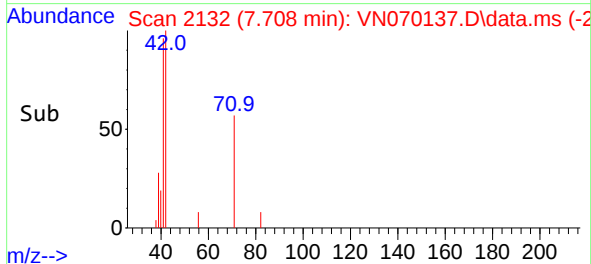
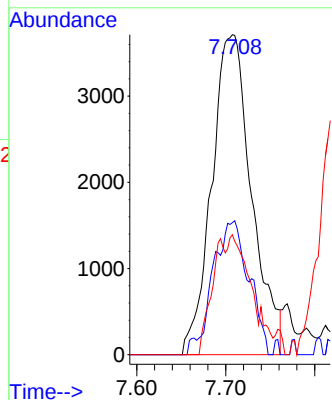
Tgt Ion: 42 Resp: 11537

Ion Ratio Lower Upper

42 100

72 36.9 36.3 54.5

71 13.0 34.7 52.1#



#31

Cyclohexane

Concen: 3.880 ug/l

RT: 8.070 min Scan# 2267

Delta R.T. -0.024 min

Lab File: VN070137.D

Acq: 16 Dec 2021 14:57

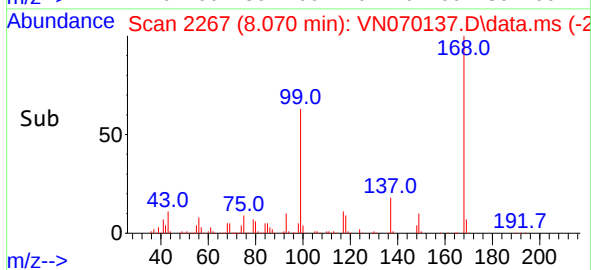
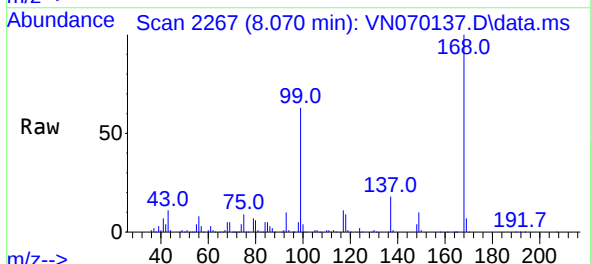
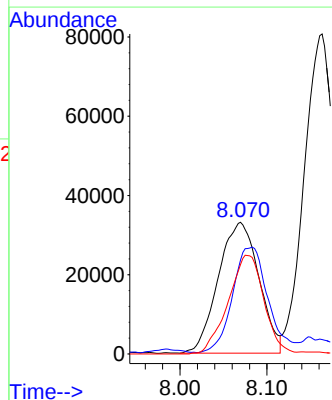
Tgt Ion: 56 Resp: 107705

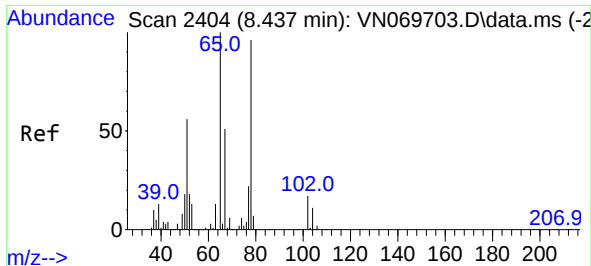
Ion Ratio Lower Upper

56 100

69 69.1 27.1 40.7#

84 68.3 73.4 110.0#

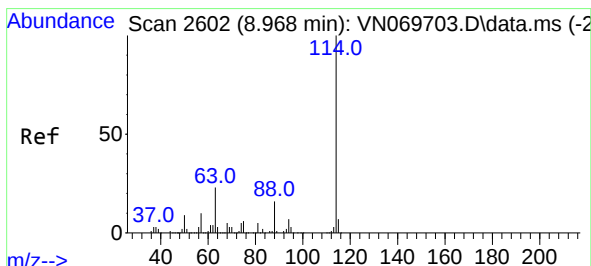
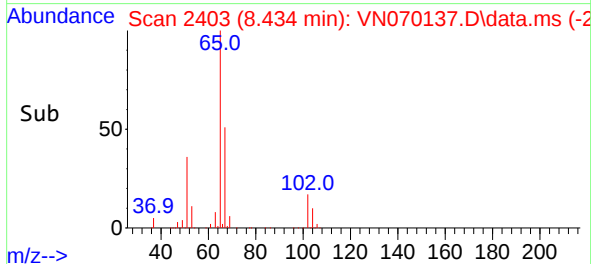
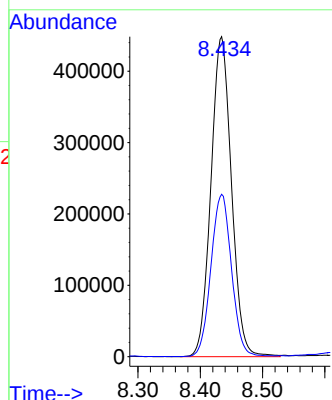
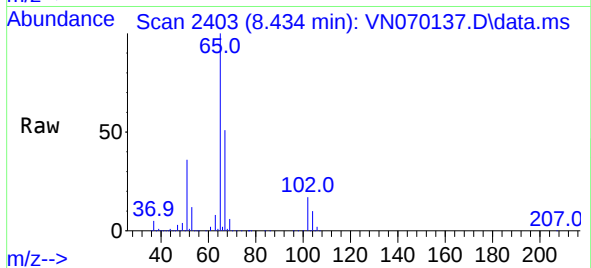




#33
1,2-Dichloroethane-d4
Concen: 51.455 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

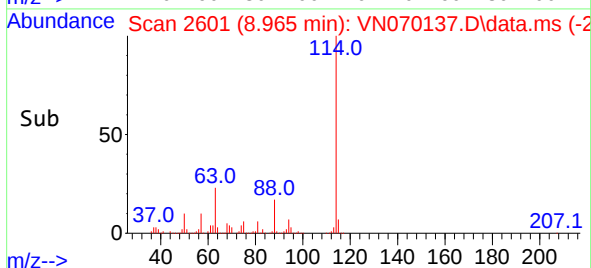
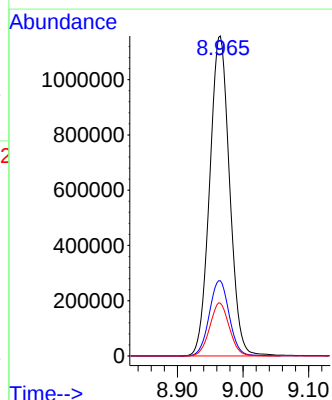
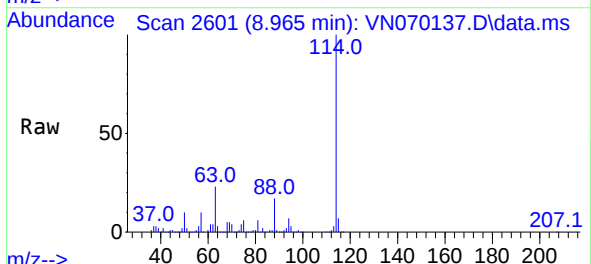
Instrument :
MSVOA_N
ClientSampleId :

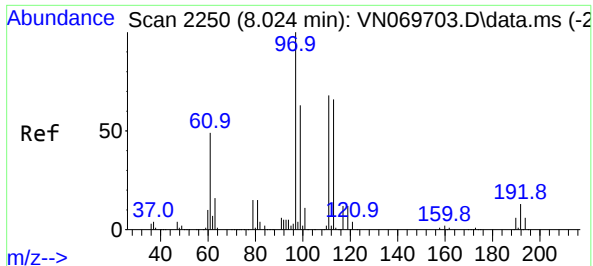
Tgt Ion: 65 Resp: 1026485
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

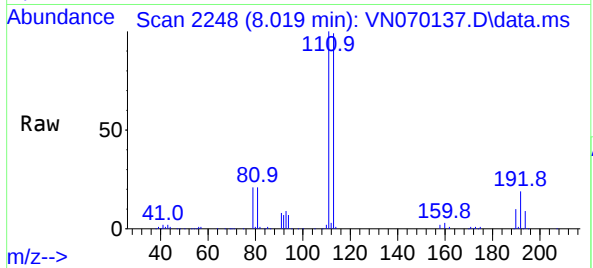
Tgt Ion:114 Resp: 2436707
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



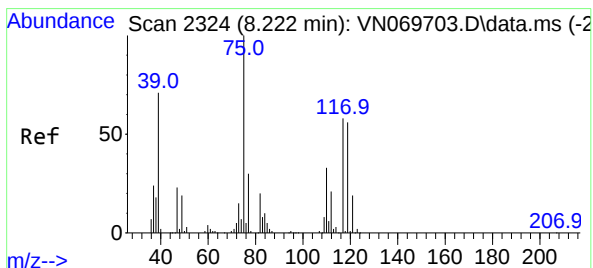
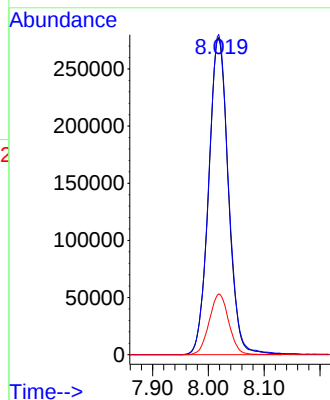
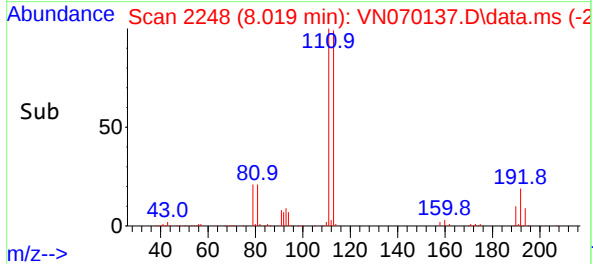


#35
Dibromofluoromethane
Concen: 44.369 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

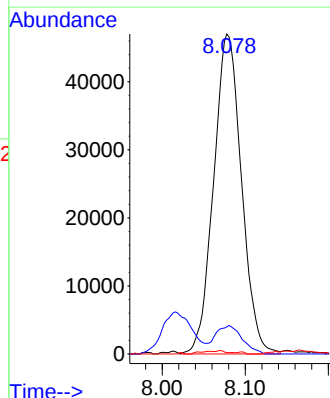
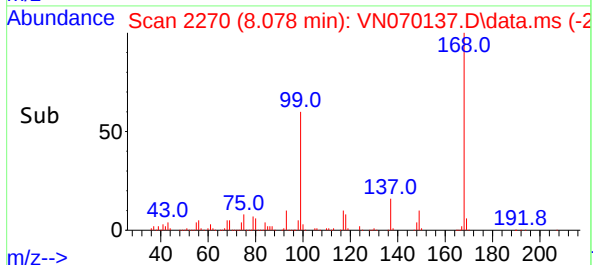
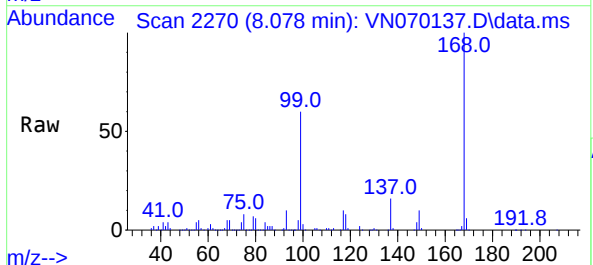


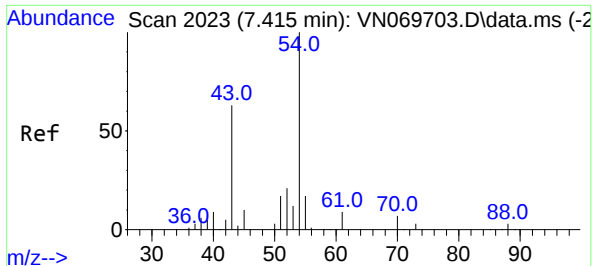
Tgt Ion:113 Resp: 677199
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 75 Resp: 109577
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.4 24.4 36.6#

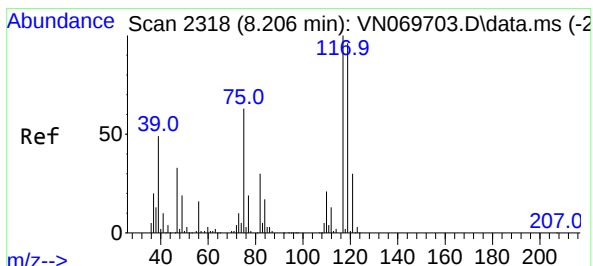
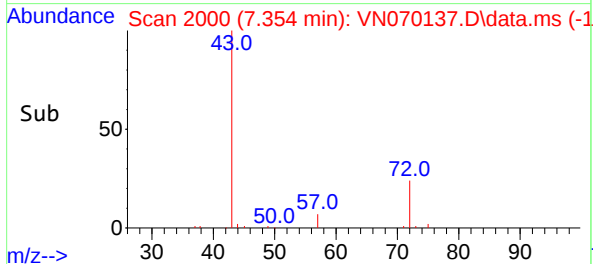
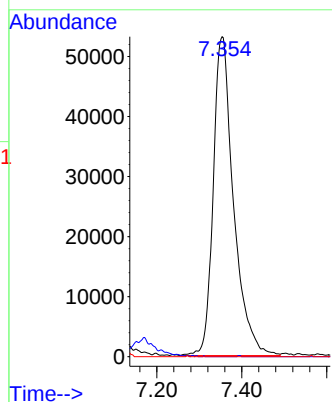
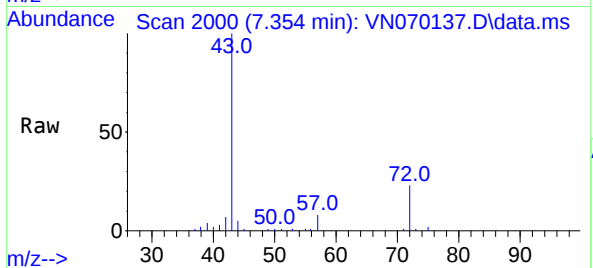




#37
Ethyl Acetate
Concen: 5.106 ug/l
RT: 7.354 min Scan# 20
Delta R.T. -0.062 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

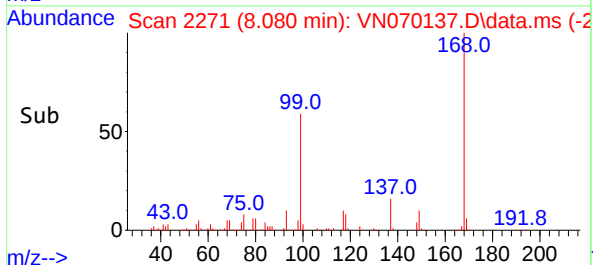
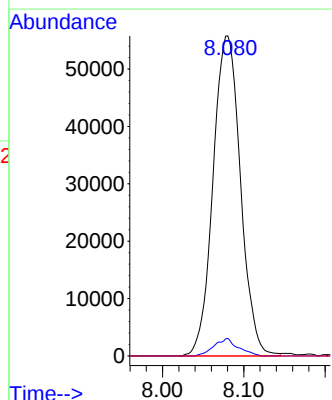
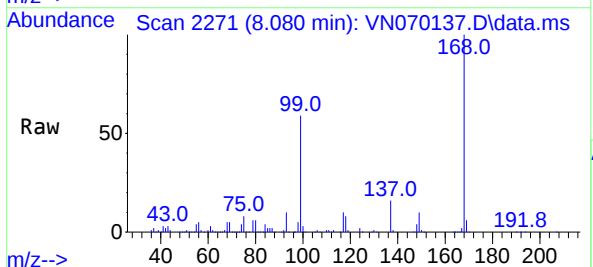
Instrument :
MSVOA_N
ClientSampleId :

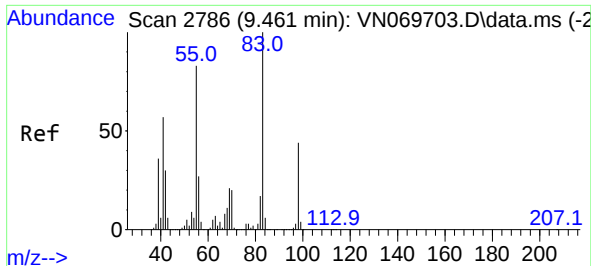
Tgt Ion: 43 Resp: 176285
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.757 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

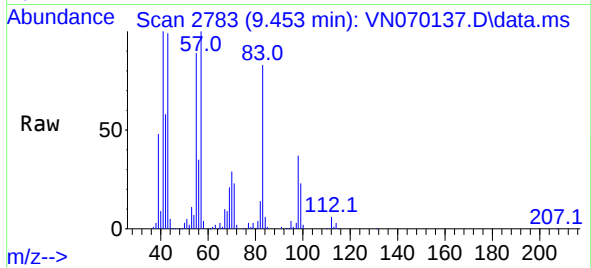
Tgt Ion: 117 Resp: 130965
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.2 36.2#



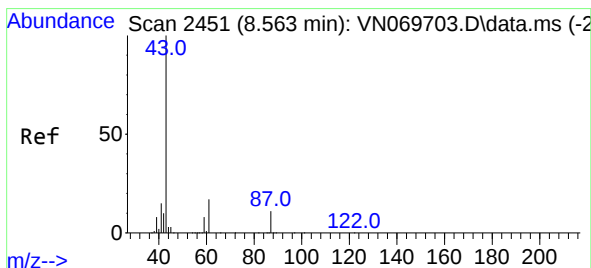
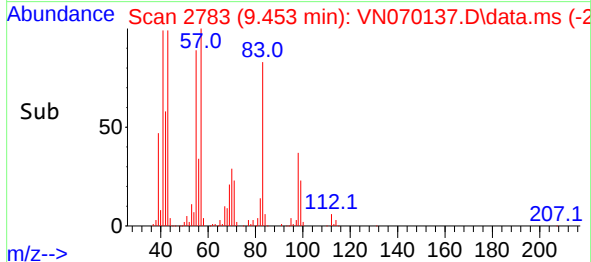
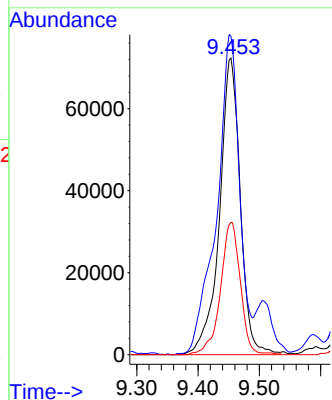


#39
Methylcyclohexane
Concen: 6.196 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

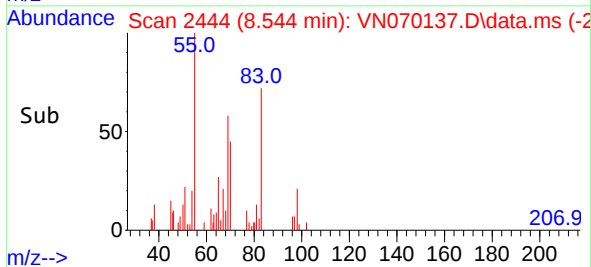
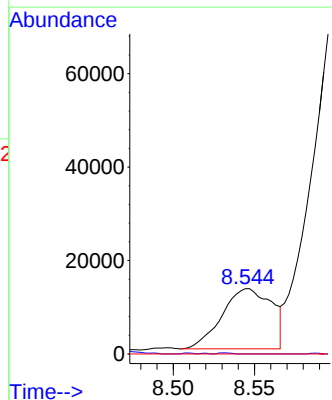
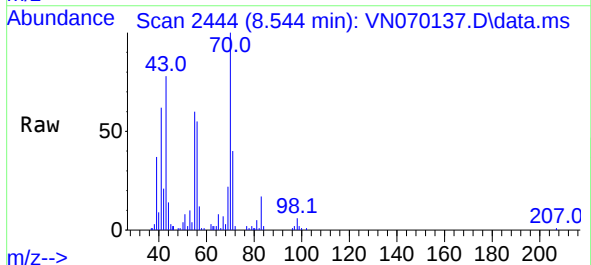


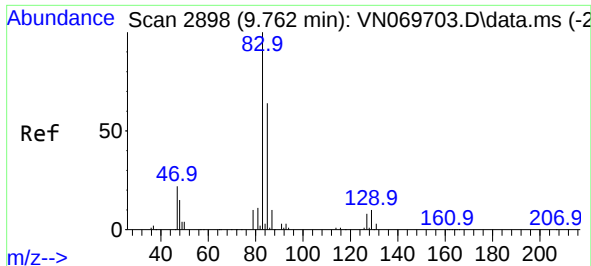
Tgt Ion: 83 Resp: 170960
Ion Ratio Lower Upper
83 100
55 107.0 58.1 87.1#
98 44.6 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.545 ug/l
RT: 8.544 min Scan# 2444
Delta R.T. -0.019 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 43 Resp: 27826
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

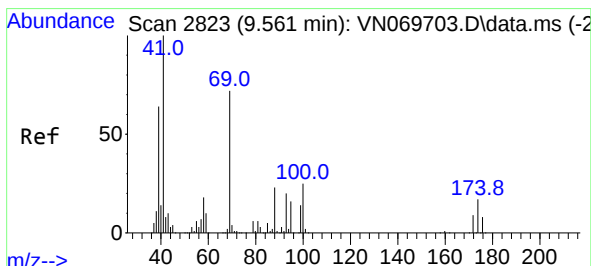
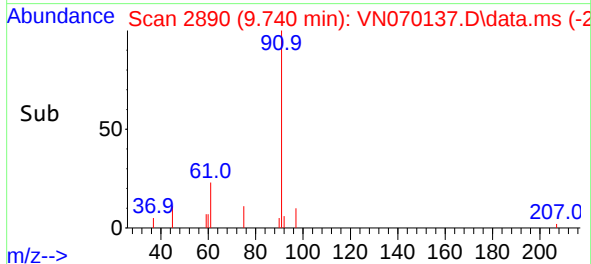
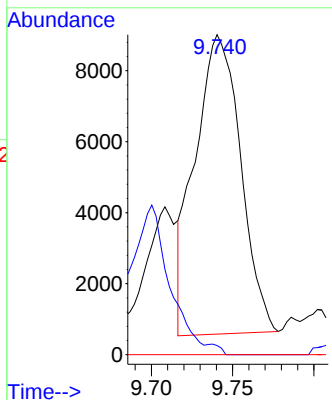
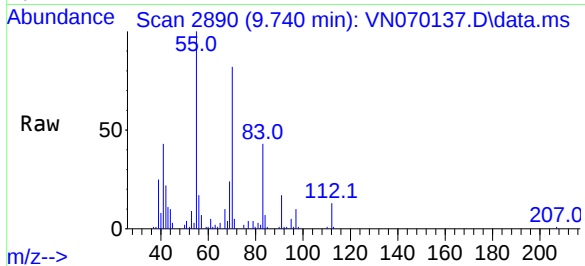




#47
Bromodichloromethane
Concen: 0.697 ug/l
RT: 9.740 min Scan# 21
Delta R.T. -0.021 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

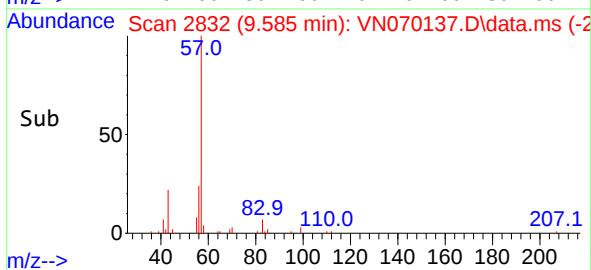
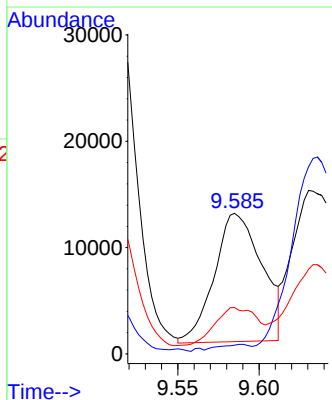
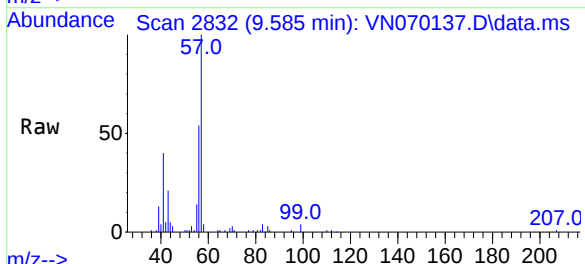
Instrument :
MSVOA_N
ClientSampleId :

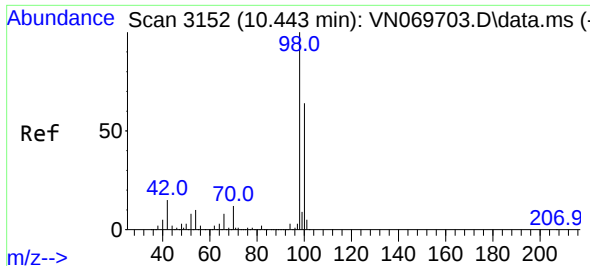
Tgt Ion: 83 Resp: 16469
Ion Ratio Lower Upper
83 100
85 3.1 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1.031 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.024 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 41 Resp: 24582
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 25.8 58.4 87.6#

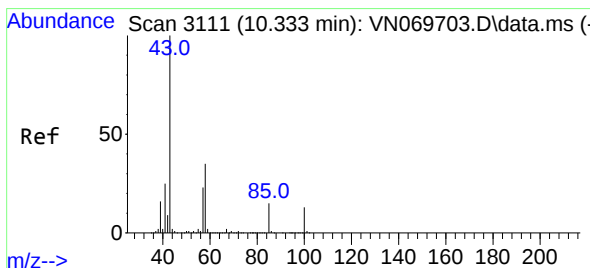
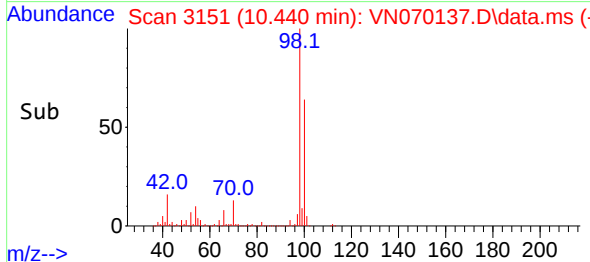
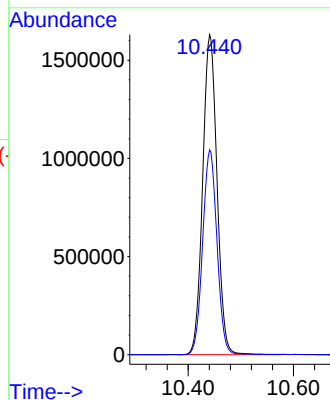
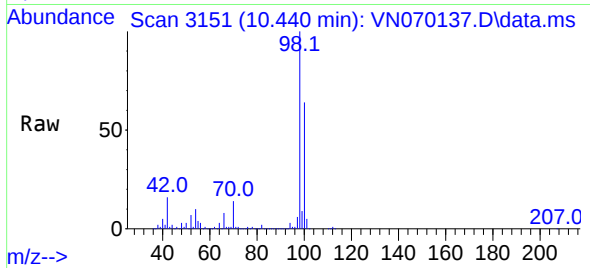




#50
Toluene-d8
Concen: 50.275 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

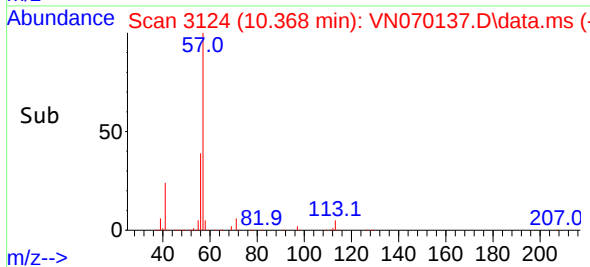
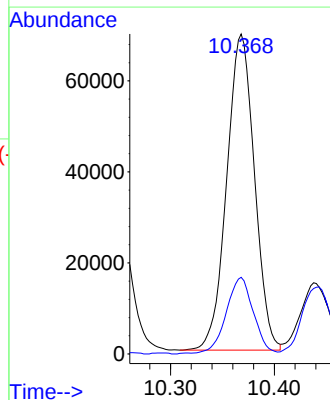
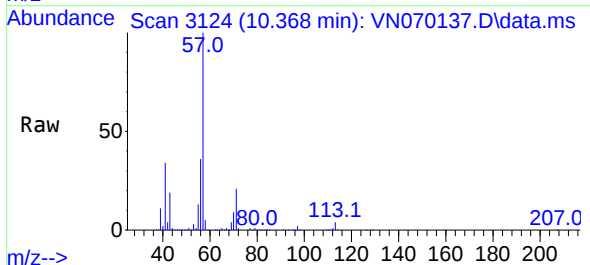
Instrument :
MSVOA_N
ClientSampleId :

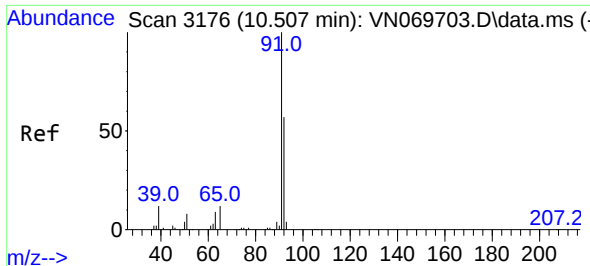
Tgt Ion: 98 Resp: 3081136
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 3.888 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.035 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 43 Resp: 128878
Ion Ratio Lower Upper
43 100
58 23.1 30.4 45.6#

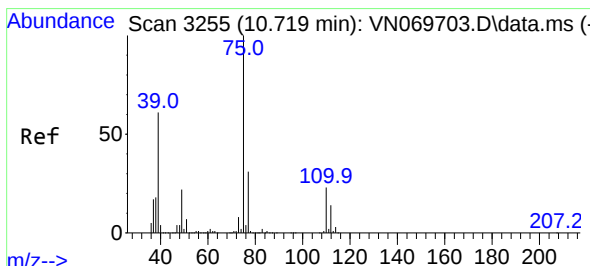
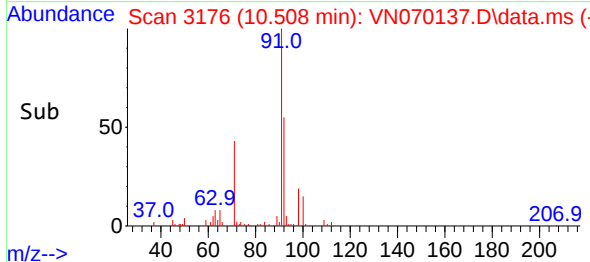
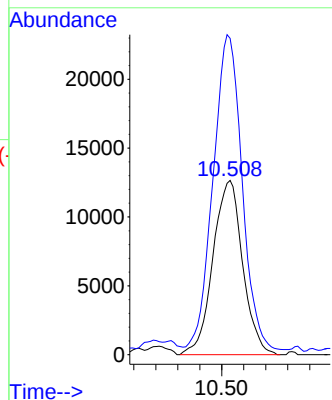
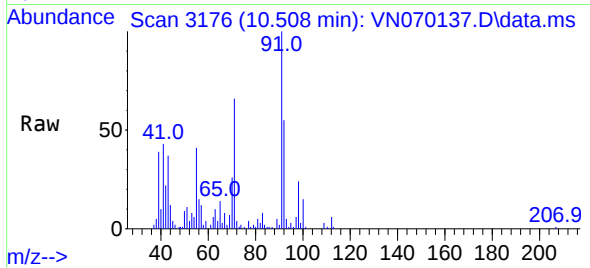




#52
Toluene
Concen: 0.549 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

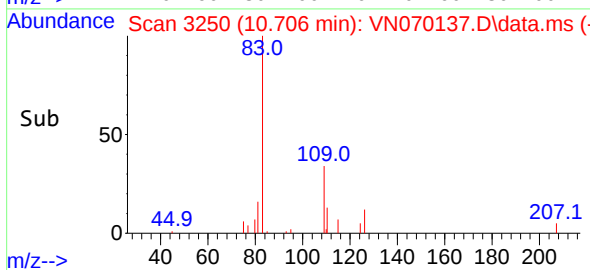
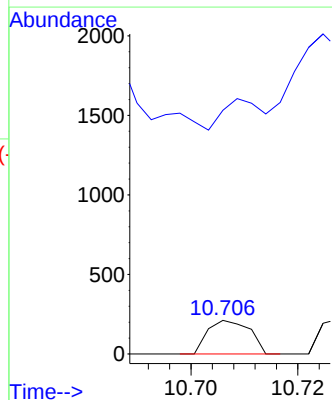
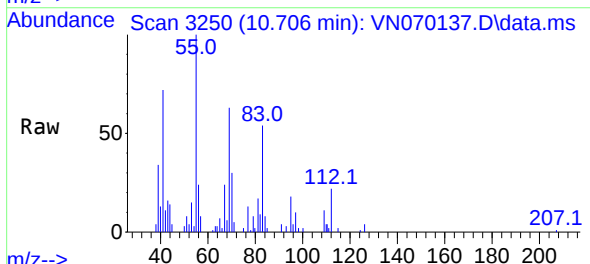
Instrument :
MSVOA_N
ClientSampleId :

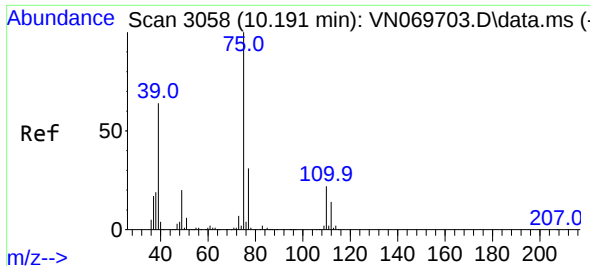
Tgt Ion: 92 Resp: 23746
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.798 ug/l
RT: 10.706 min Scan# 3250
Delta R.T. -0.013 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

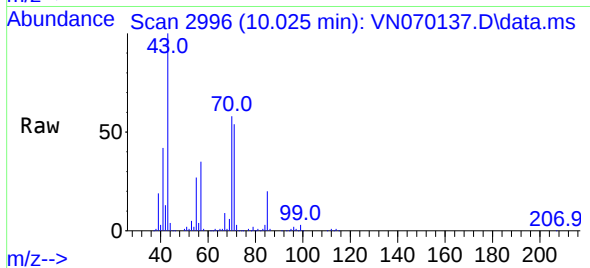
Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
77 8.5 25.6 38.4#



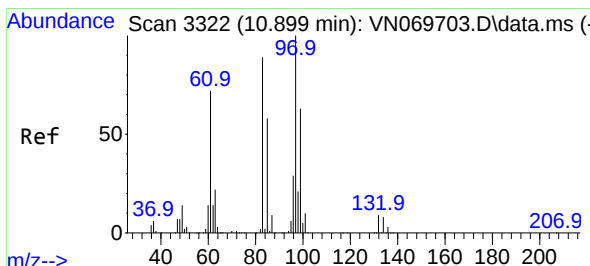
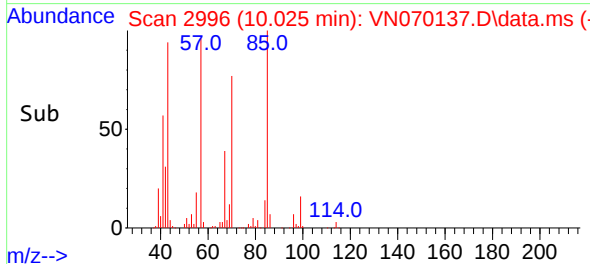
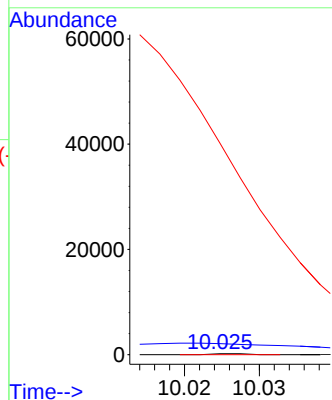


#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.166 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

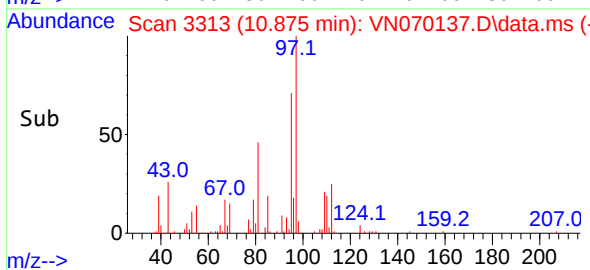
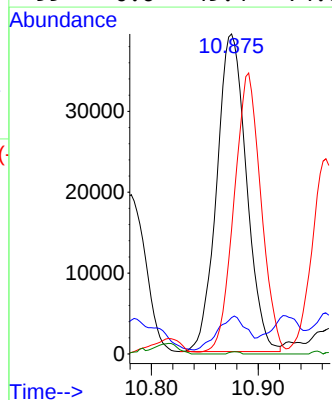
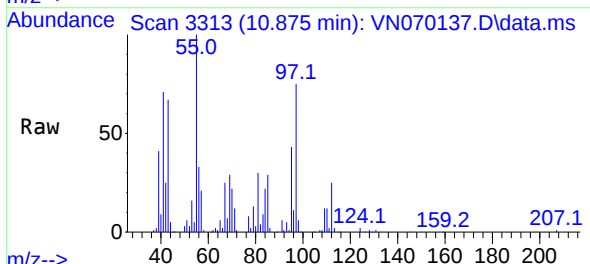


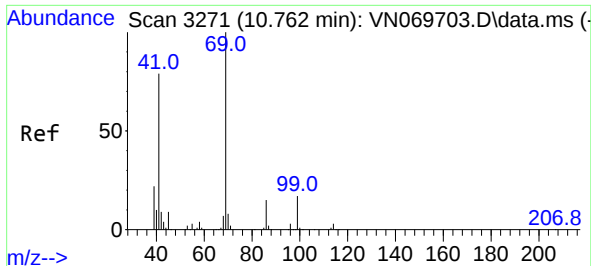
Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 185.5 26.4 39.6#
39 9264.2 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 4.344 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.024 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 97 Resp: 75878
Ion Ratio Lower Upper
97 100
83 9.0 67.8 101.6#
85 35.5 45.4 68.2#
99 0.6 49.4 74.0#

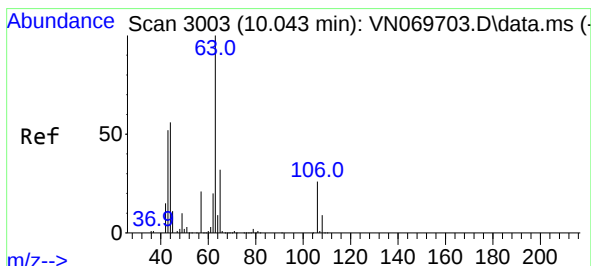
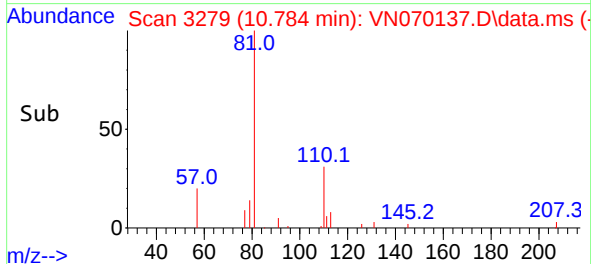
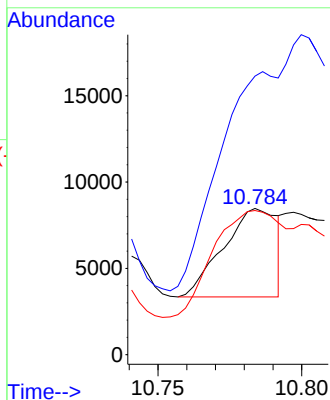
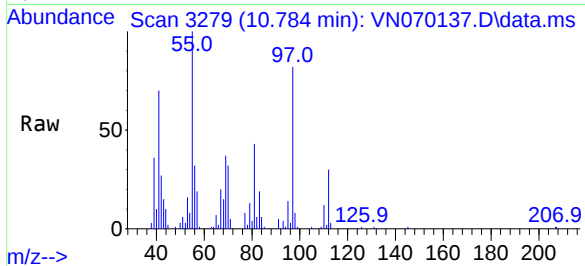




#56
Ethyl methacrylate
Concen: 2.472 ug/l
RT: 10.784 min Scan# 31
Delta R.T. 0.022 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

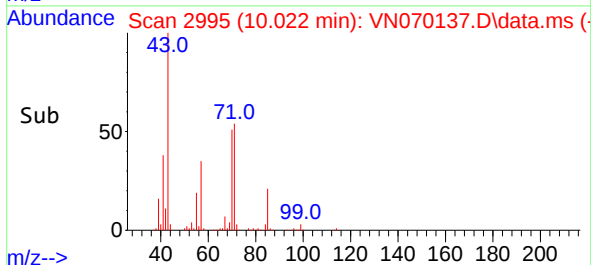
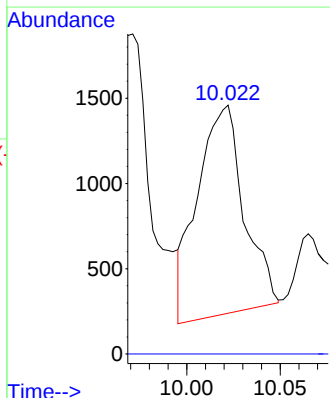
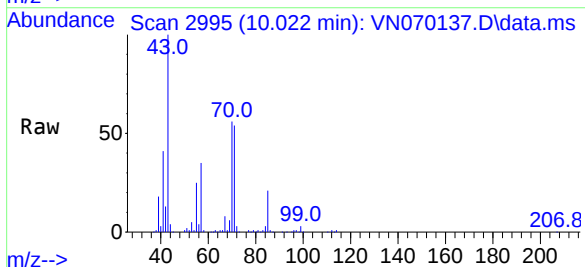
Instrument :
MSVOA_N
ClientSampleId :

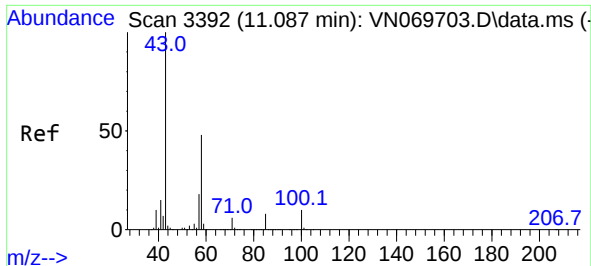
Tgt Ion: 69 Resp: 6649
Ion Ratio Lower Upper
69 100
41 274.0 51.4 77.0#
39 151.9 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.611 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.021 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 63 Resp: 2130
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

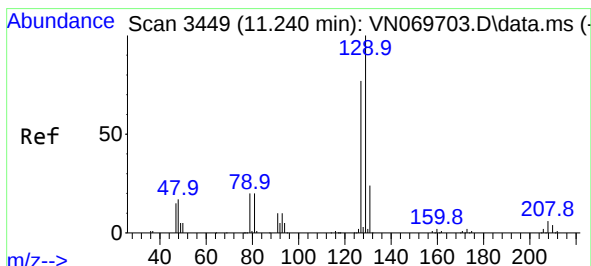
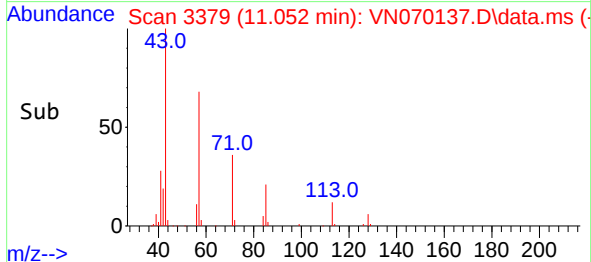
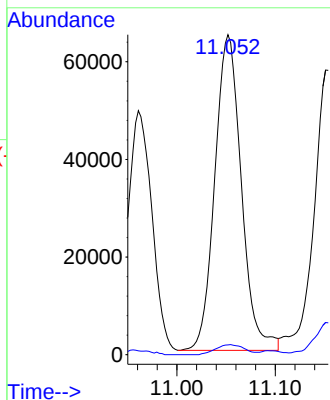
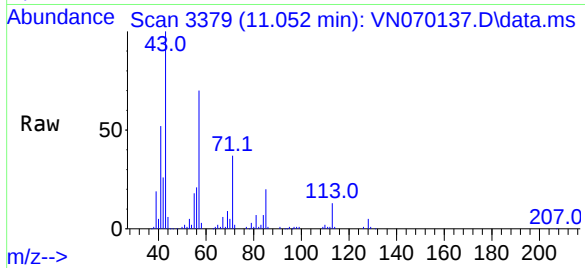




#59
2-Hexanone
Concen: 4.839 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

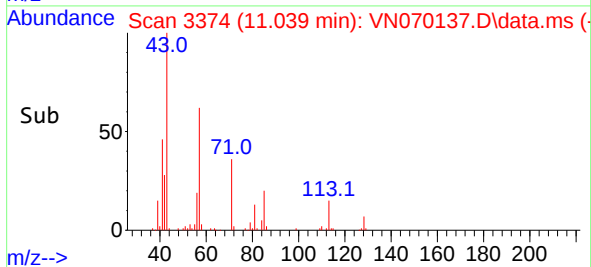
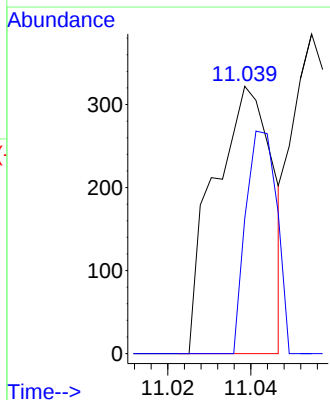
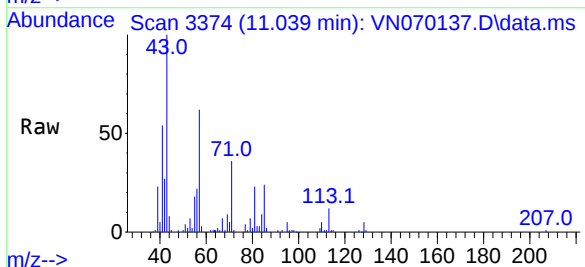
Instrument :
MSVOA_N
ClientSampleId :

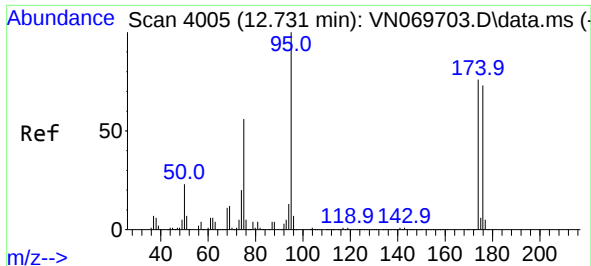
Tgt Ion: 43 Resp: 121331
Ion Ratio Lower Upper
43 100
58 3.4 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.392 ug/l
RT: 11.039 min Scan# 3374
Delta R.T. -0.201 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:129 Resp: 314
Ion Ratio Lower Upper
129 100
127 44.3 38.6 116.0

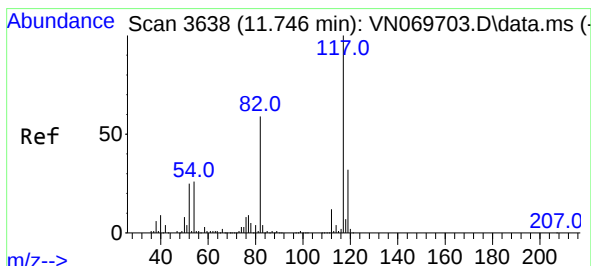
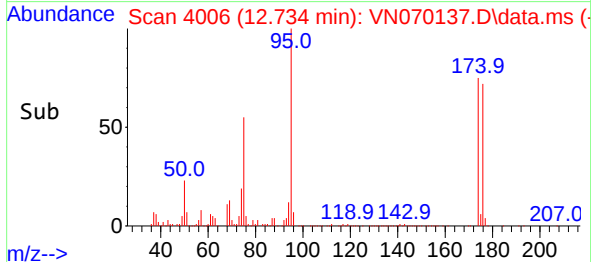
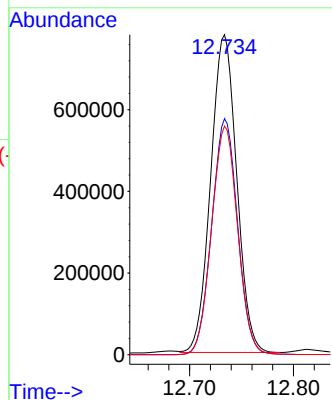
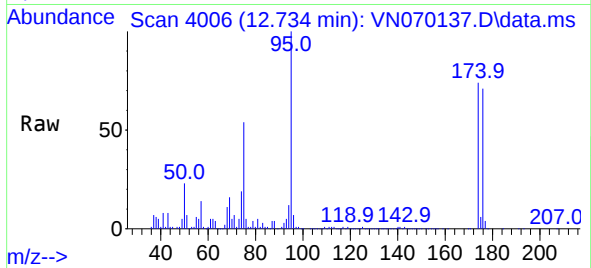




#62
4-Bromofluorobenzene
Concen: 61.054 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

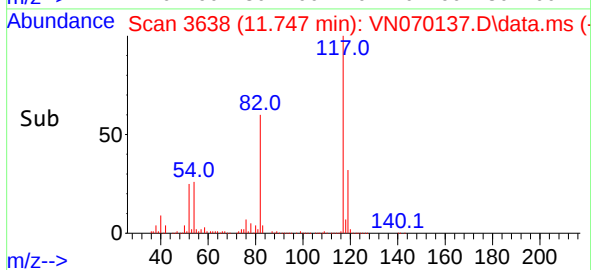
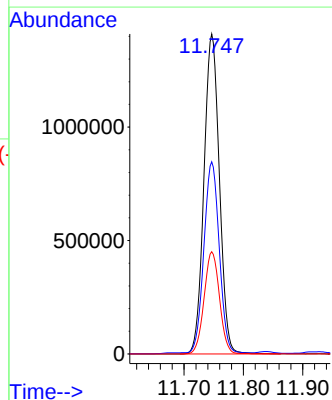
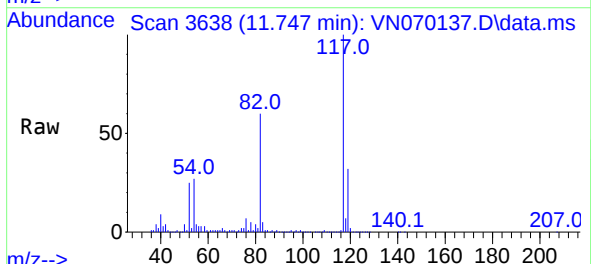
Instrument :
MSVOA_N
ClientSampleId :

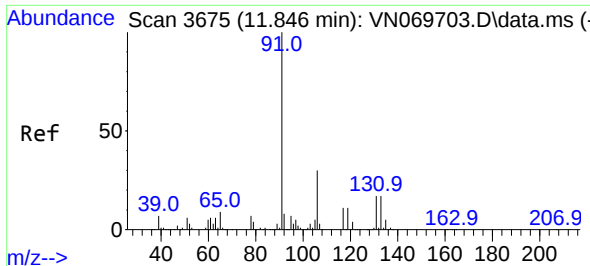
Tgt Ion: 95 Resp: 1355547
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 117 Resp: 2544416
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2

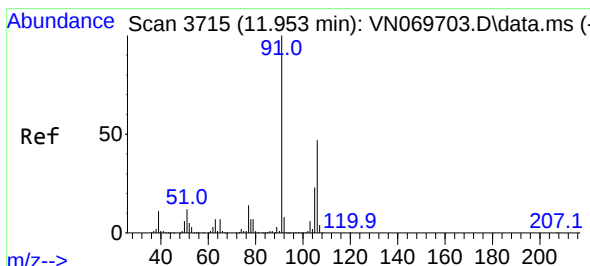
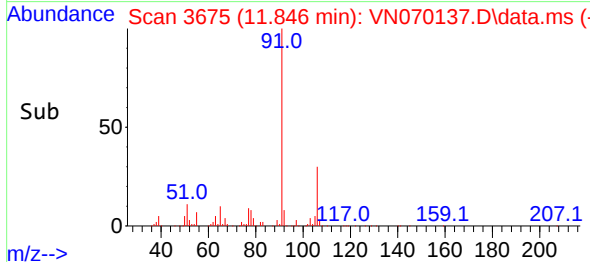
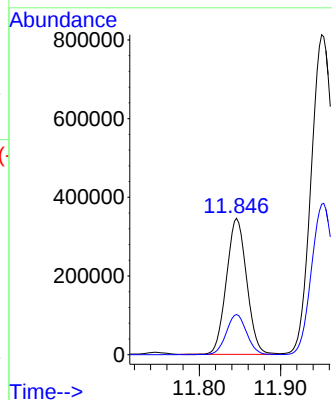
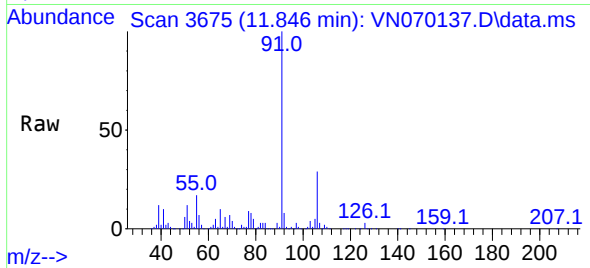




#67
Ethyl Benzene
Concen: 6.407 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

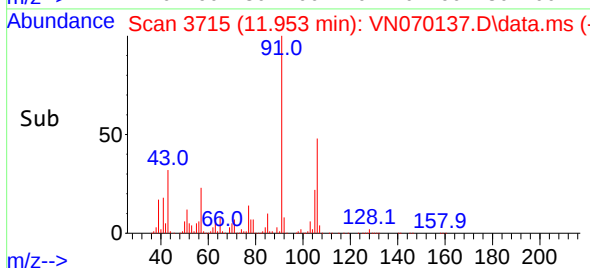
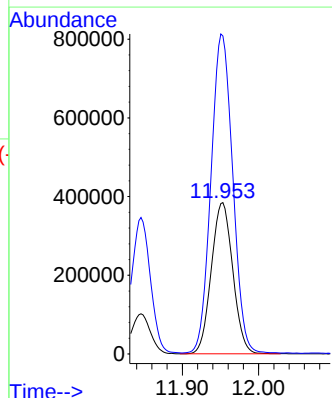
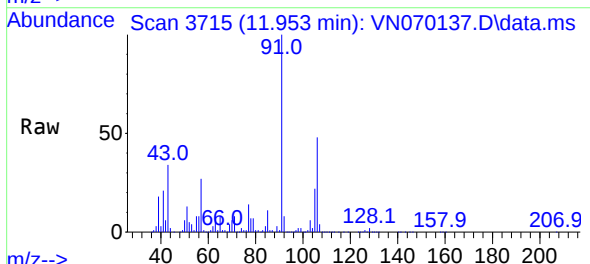
Instrument :
MSVOA_N
ClientSampleId :

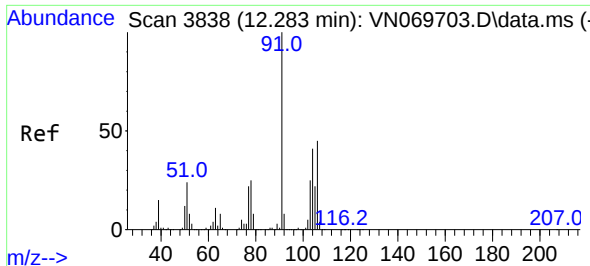
Tgt Ion: 91 Resp: 600748
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#68
m/p-Xylenes
Concen: 22.020 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 106 Resp: 751765
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8

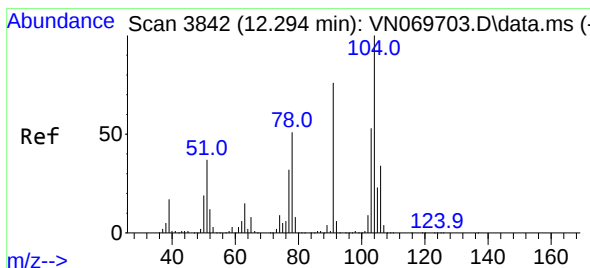
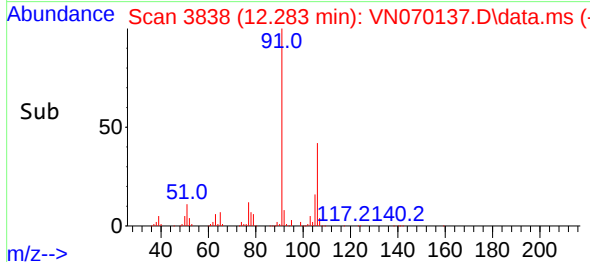
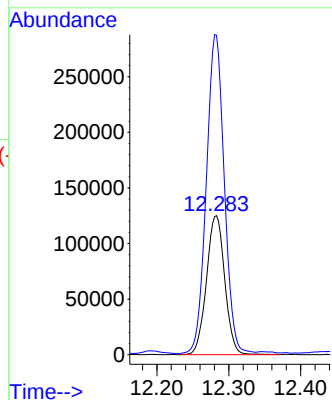
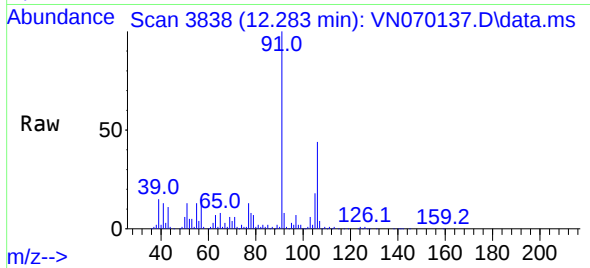




#69
o-Xylene
Concen: 6.429 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

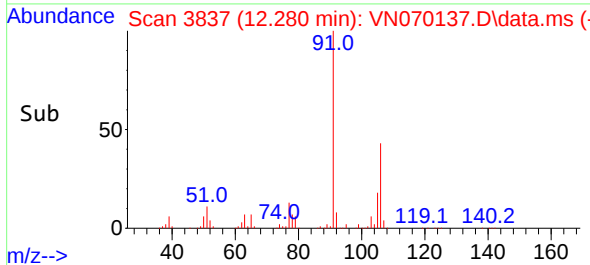
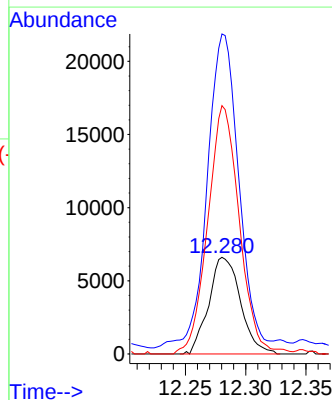
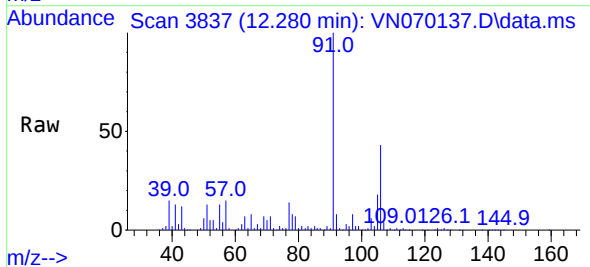
Instrument :
MSVOA_N
ClientSampleId :

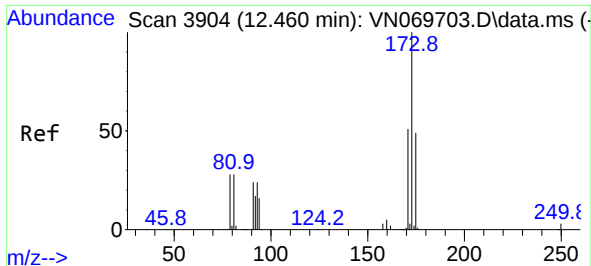
Tgt Ion:106 Resp: 221093
Ion Ratio Lower Upper
106 100
91 225.7 105.8 317.3



#70
Styrene
Concen: 0.222 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:104 Resp: 12098
Ion Ratio Lower Upper
104 100
78 320.6 38.7 58.1#
103 255.4 45.0 67.6#

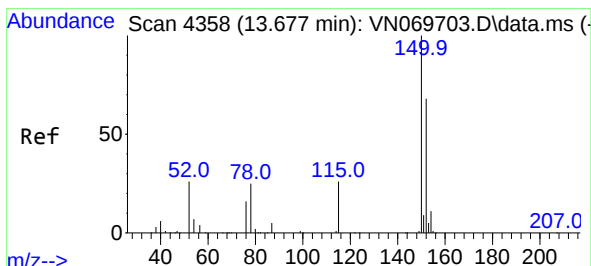
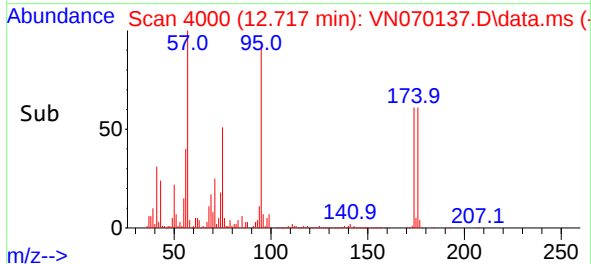
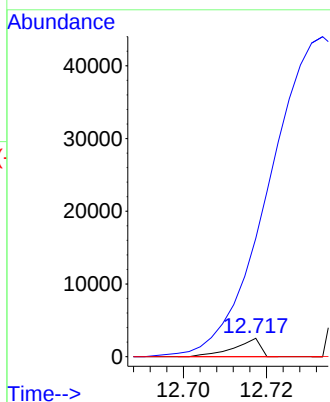
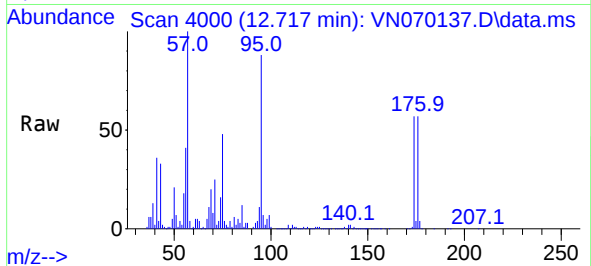




#71
Bromoform
Concen: 2.799 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

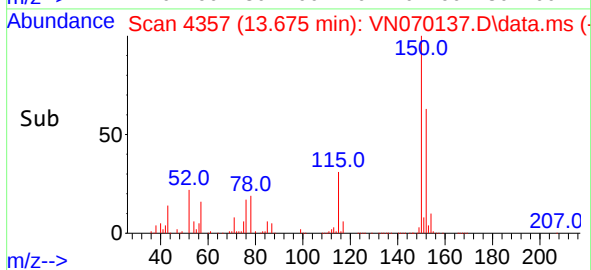
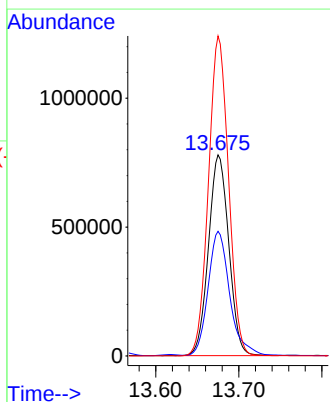
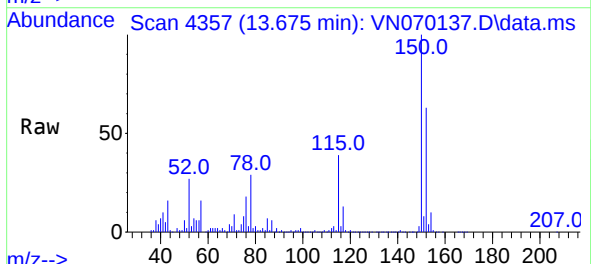
Instrument :
MSVOA_N
ClientSampleId :

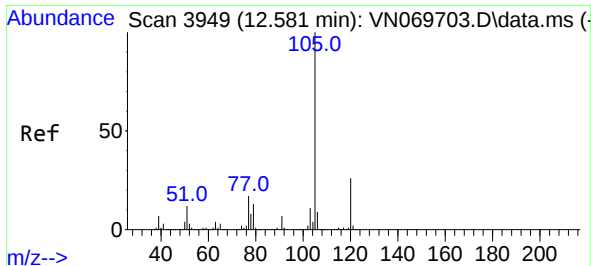
Tgt Ion:173 Resp: 1113
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion:152 Resp: 1321403
Ion Ratio Lower Upper
152 100
115 65.7 27.5 82.5
150 157.5 0.0 344.4

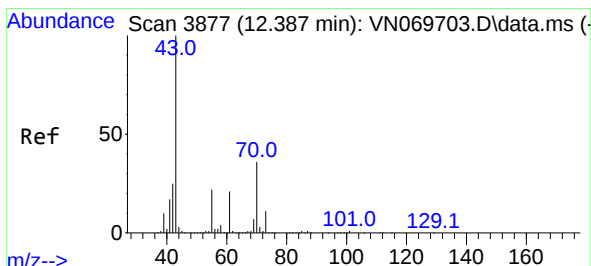
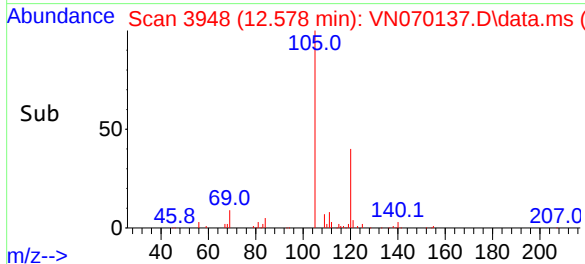
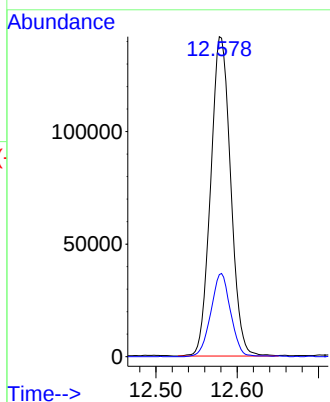
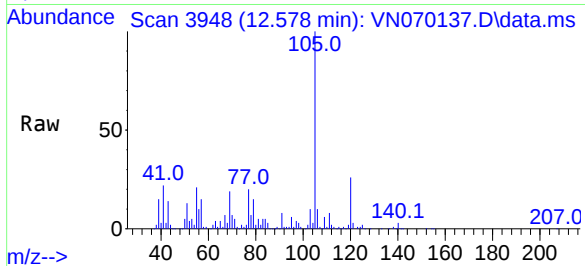




#73
Isopropylbenzene
Concen: 2.063 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

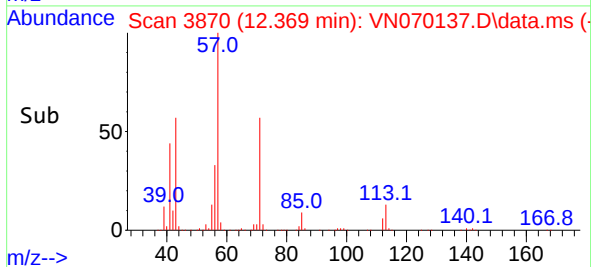
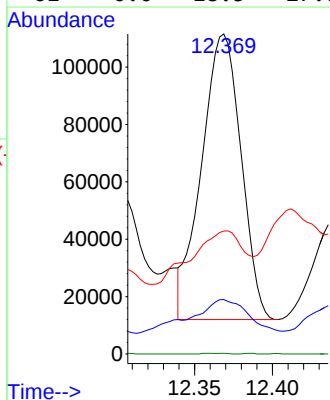
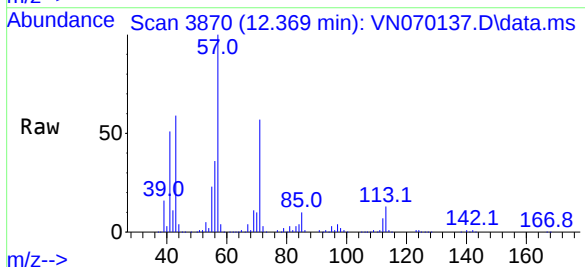
Instrument :
MSVOA_N
ClientSampleId :

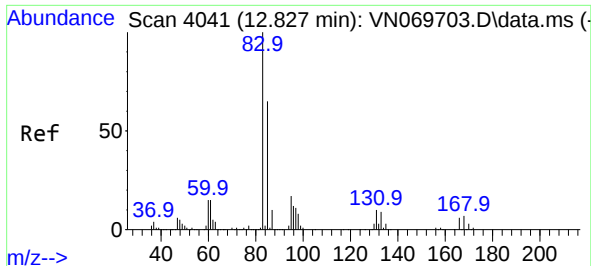
Tgt Ion:105 Resp: 242511
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 3.379 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 43 Resp: 175677
Ion Ratio Lower Upper
43 100
70 17.2 33.4 50.0#
55 23.9 19.3 28.9
61 0.0 18.5 27.7#

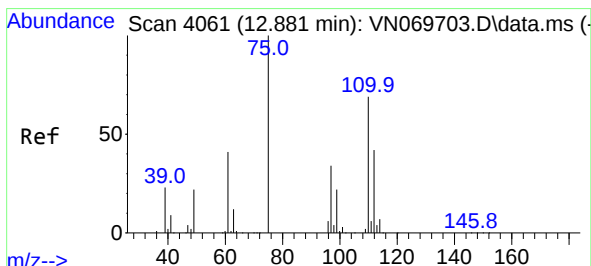
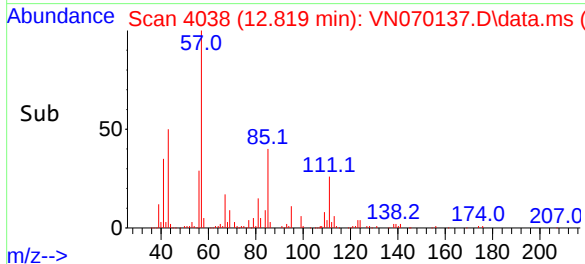
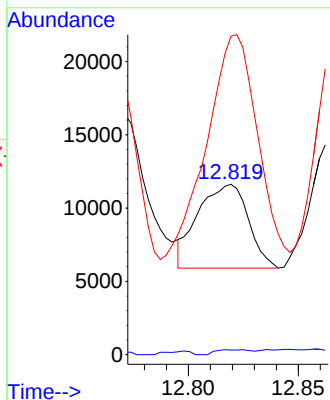
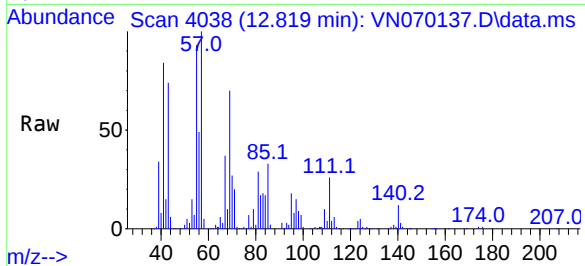




#75
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 12.819 min Scan# 4098
Delta R.T. -0.008 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

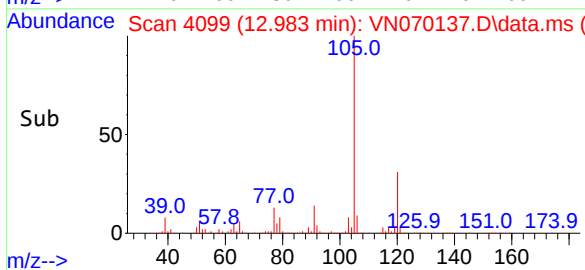
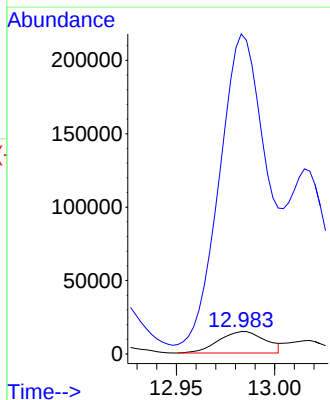
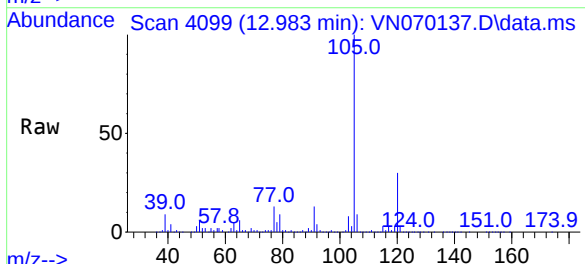
Instrument :
MSVOA_N
ClientSampleId :

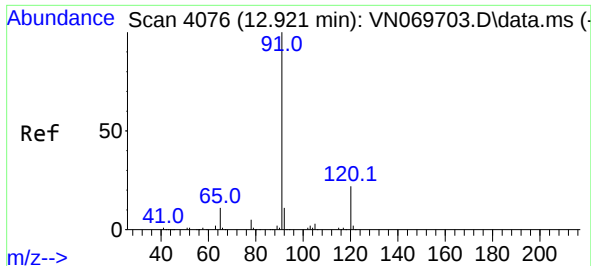
Tgt Ion: 83 Resp: 9083
Ion Ratio Lower Upper
83 100
131 4.2 5.5 16.5#
85 334.7 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 0.640 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. 0.102 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 75 Resp: 24258
Ion Ratio Lower Upper
75 100
77 1468.7 82.6 247.8#

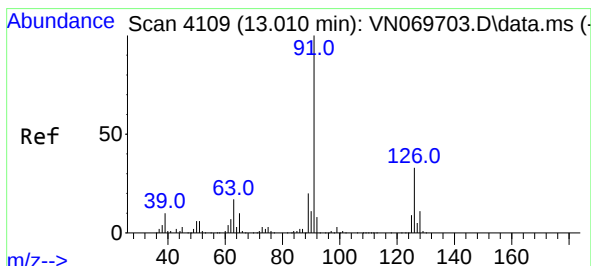
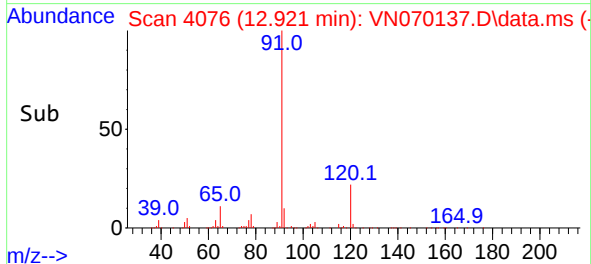
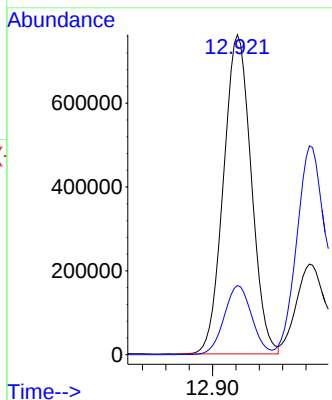
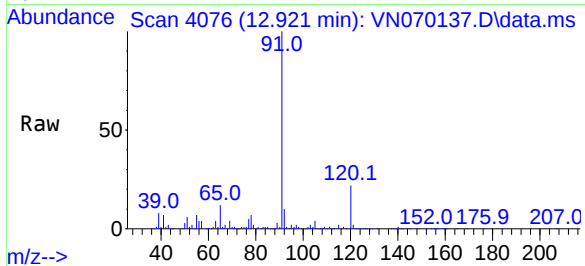




#78
n-propylbenzene
Concen: 9.614 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

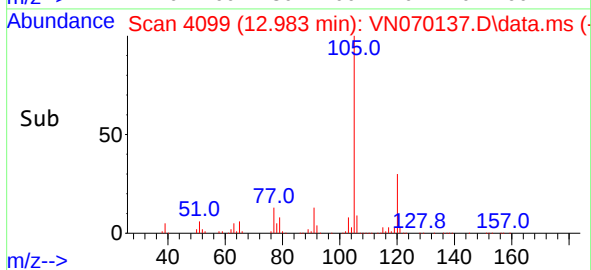
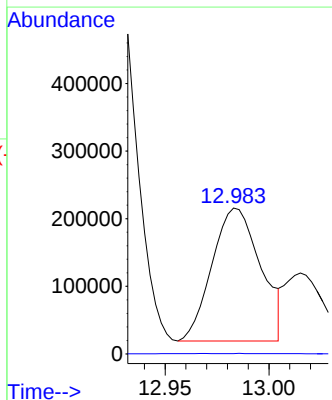
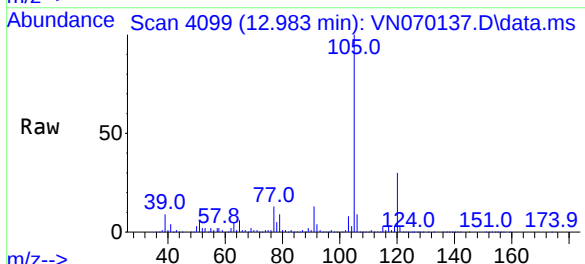
Instrument :
MSVOA_N
ClientSampleId :

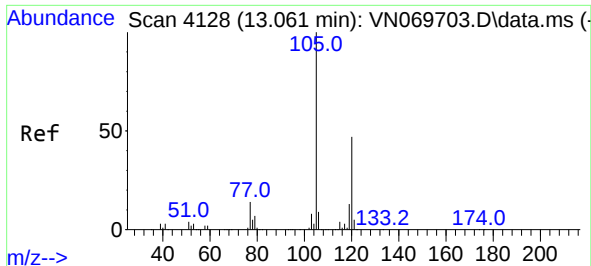
Tgt Ion: 91 Resp: 1257757
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 3.888 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 91 Resp: 321384
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

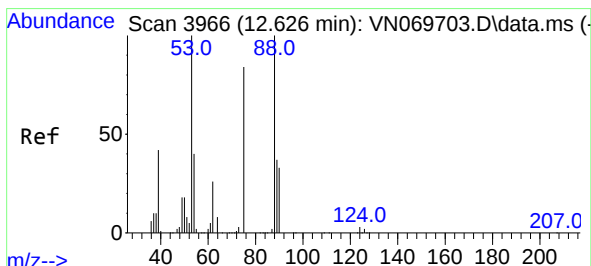
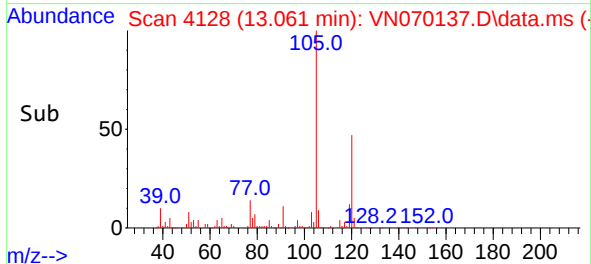
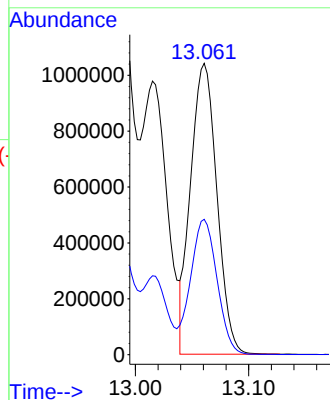
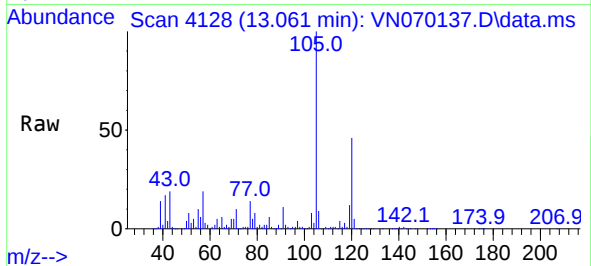




#80
1,3,5-Trimethylbenzene
Concen: 17.726 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

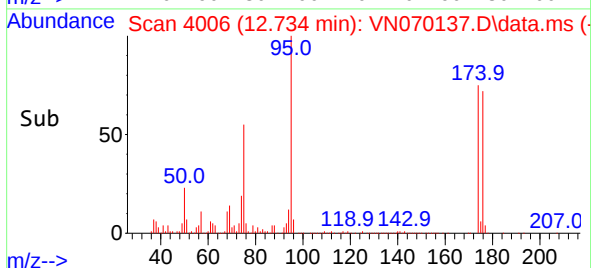
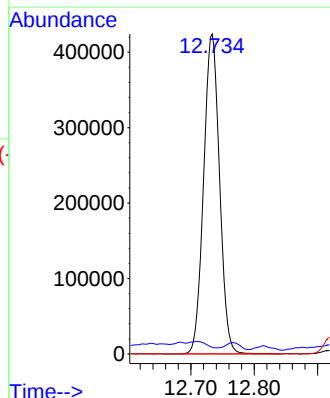
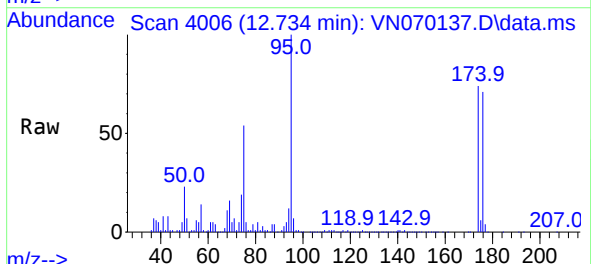
Instrument :
MSVOA_N
ClientSampleId :

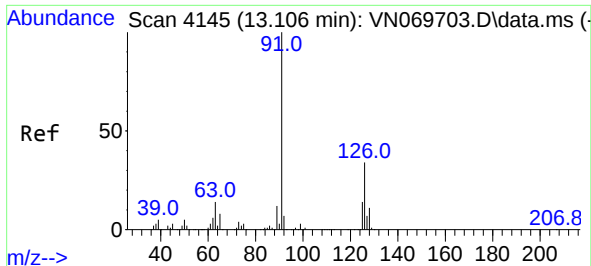
Tgt Ion:105 Resp: 1677394
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 62.767 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 75 Resp: 739807
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

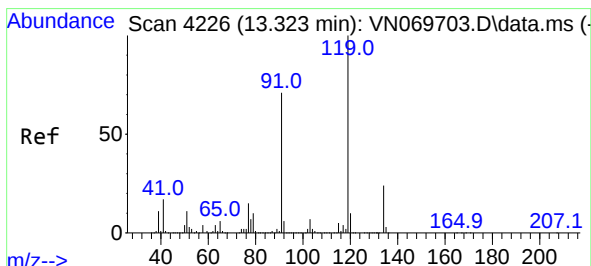
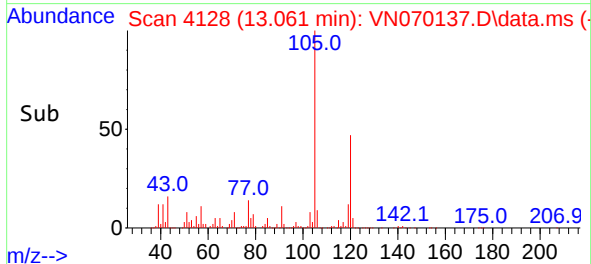
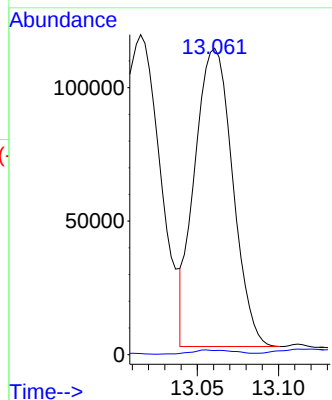
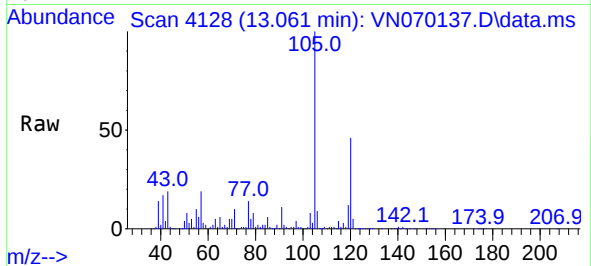




#82
4-Chlorotoluene
Concen: 2.331 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

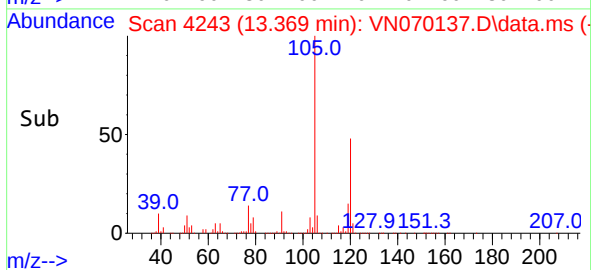
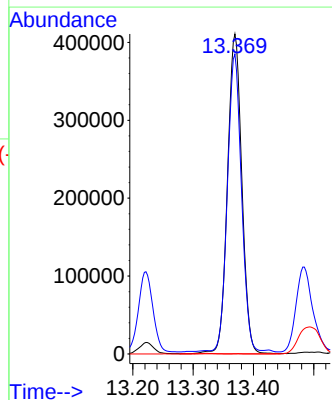
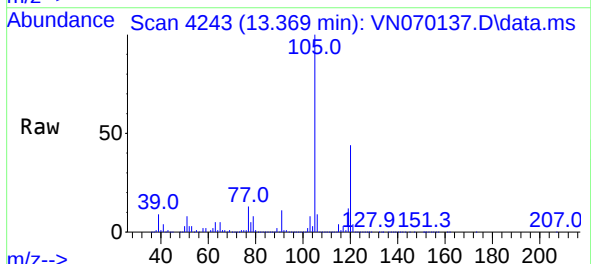
Instrument :
MSVOA_N
ClientSampleId :

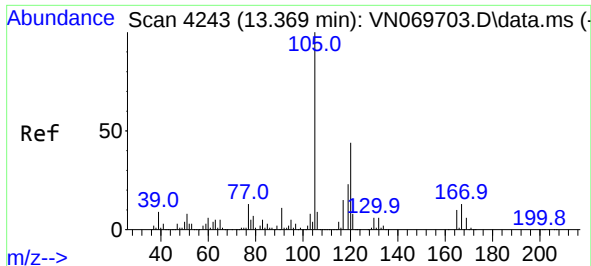
Tgt Ion: 91 Resp: 181185
Ion Ratio Lower Upper
91 100
126 1.6 18.2 54.6#



#83
tert-Butylbenzene
Concen: 8.088 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 119 Resp: 677691
Ion Ratio Lower Upper
119 100
91 90.1 31.5 94.5
134 0.0 12.4 37.4#

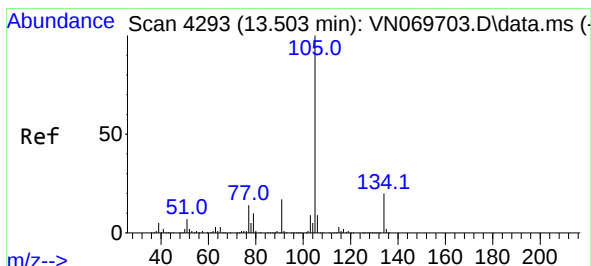
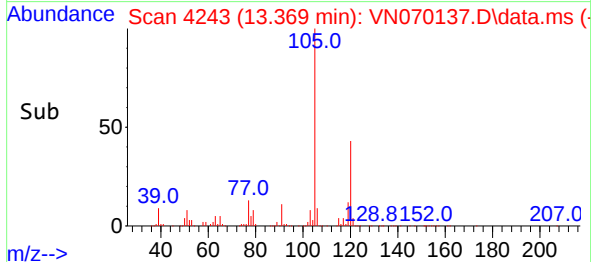
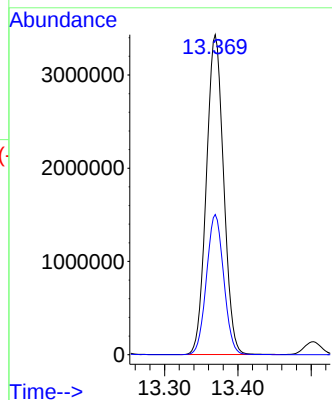
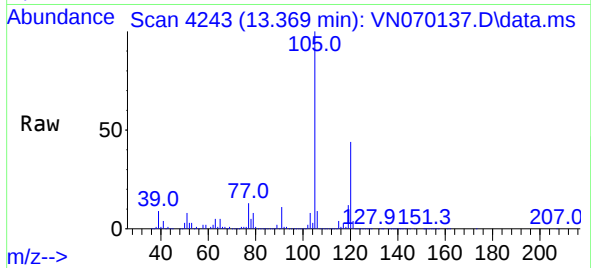




#84
1,2,4-Trimethylbenzene
Concen: 62.311 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

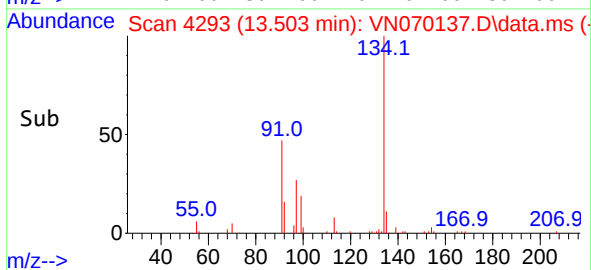
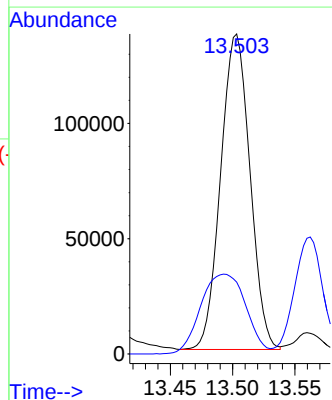
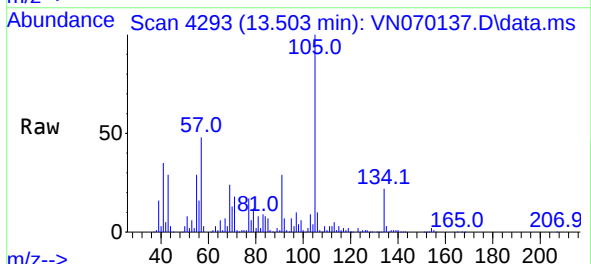
Instrument :
MSVOA_N
ClientSampleId :

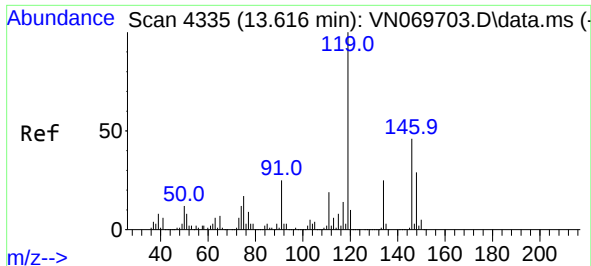
Tgt Ion:105 Resp: 5615505
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.970 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

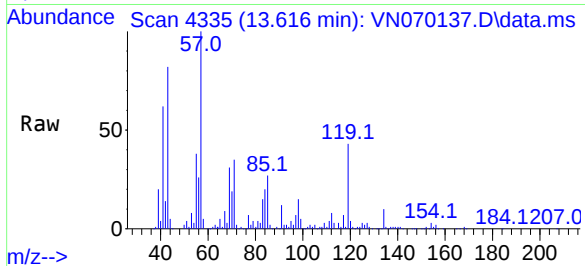
Tgt Ion:105 Resp: 223943
Ion Ratio Lower Upper
105 100
134 38.9 10.4 31.1#



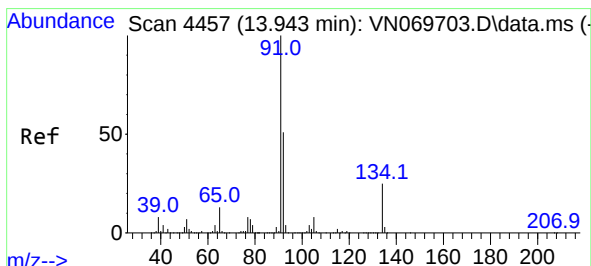
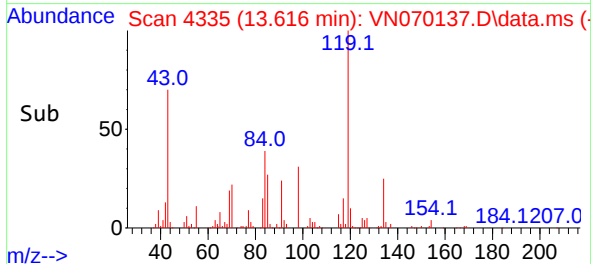
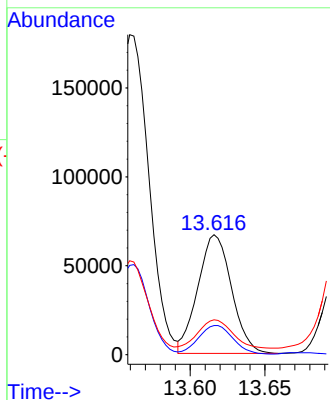


#86
p-Isopropyltoluene
Concen: 1.176 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Instrument :
MSVOA_N
ClientSampleId :

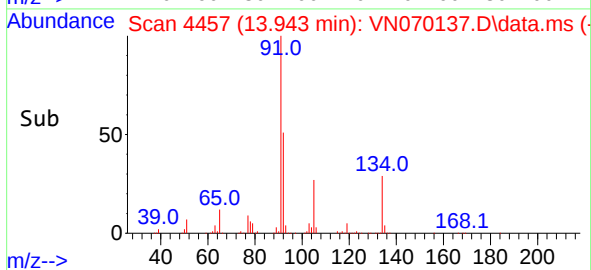
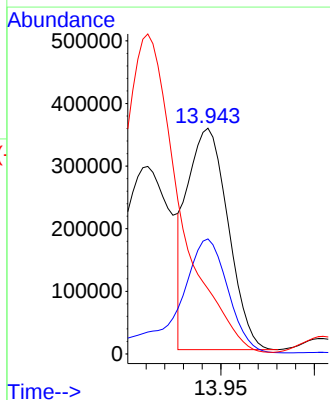
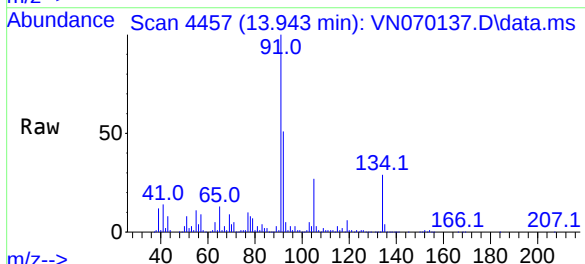


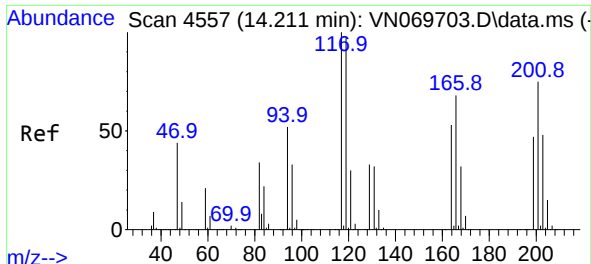
Tgt Ion:119 Resp: 104504
Ion Ratio Lower Upper
119 100
134 24.6 13.6 40.7
91 23.8 11.4 34.1



#89
n-Butylbenzene
Concen: 7.418 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

Tgt Ion: 91 Resp: 534577
Ion Ratio Lower Upper
91 100
92 62.7 25.4 76.0
134 0.0 13.6 40.8#

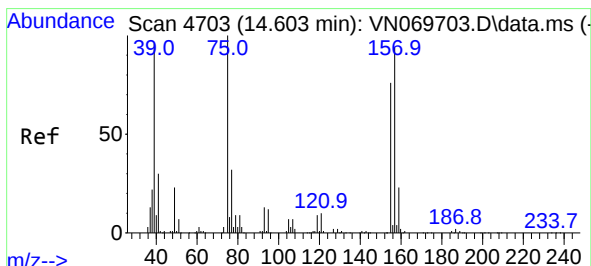
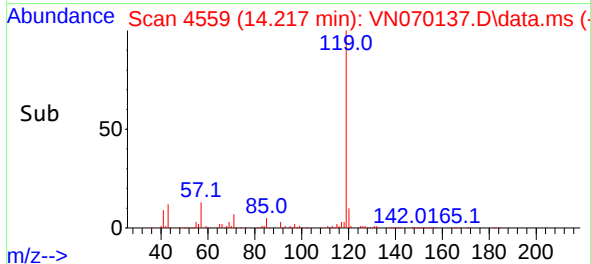
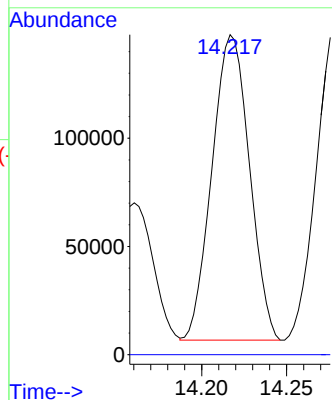
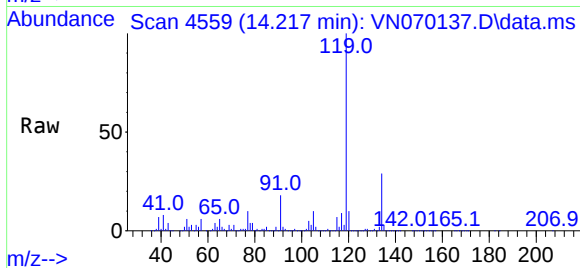




#90
Hexachloroethane
Concen: 13.881 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

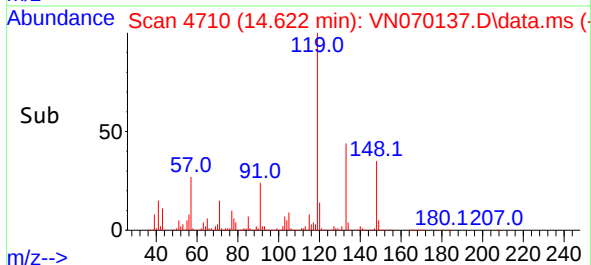
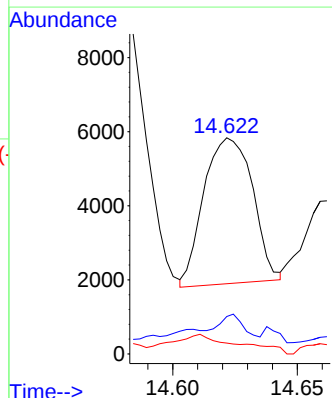
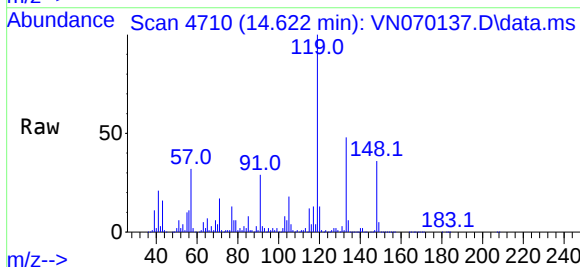
Instrument :
MSVOA_N
ClientSampleId :

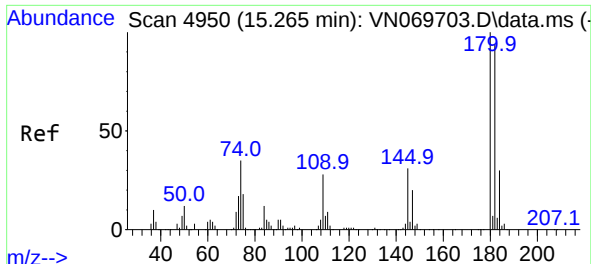
Tgt Ion:117 Resp: 216513
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.733 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.019 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

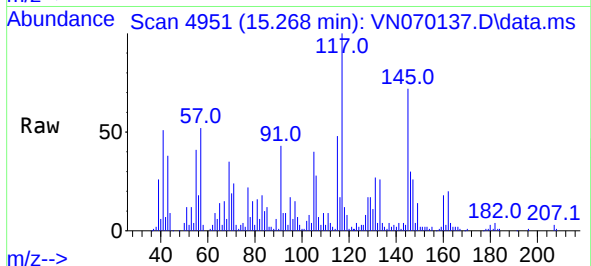
Tgt Ion: 75 Resp: 5384
Ion Ratio Lower Upper
75 100
155 8.7 46.9 140.7#
157 0.0 60.6 181.7#



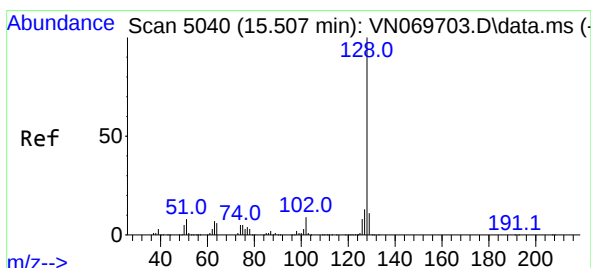
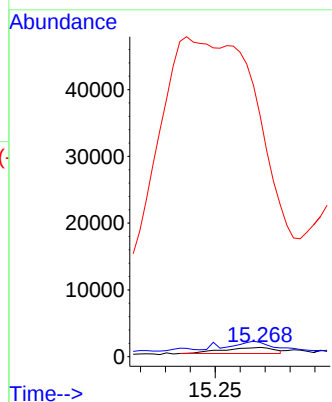
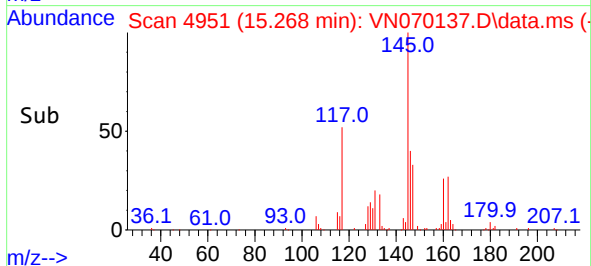


#93
1,2,4-Trichlorobenzene
Concen: 2.933 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57

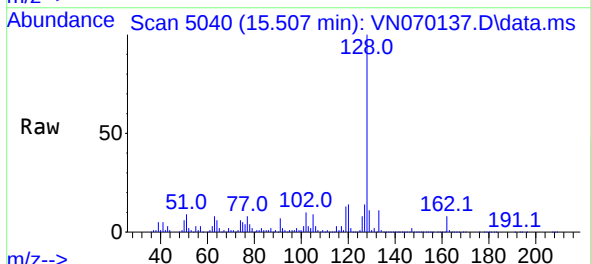
Instrument :
MSVOA_N
ClientSampleId :



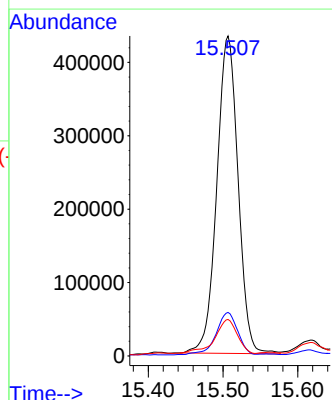
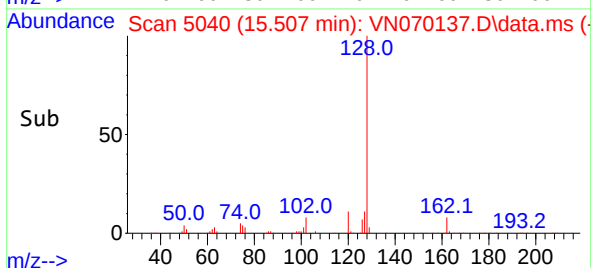
Tgt Ion:180 Resp: 1278
Ion Ratio Lower Upper
180 100
182 134.5 48.3 144.9
145 0.0 14.5 43.5#

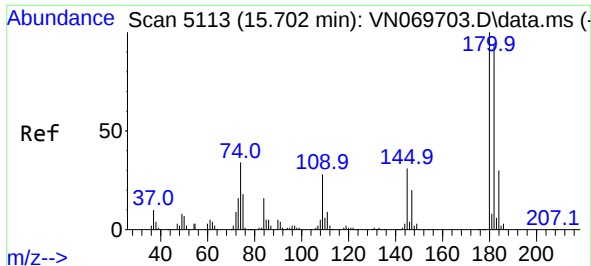


#95
Naphthalene
Concen: 16.170 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070137.D
Acq: 16 Dec 2021 14:57



Tgt Ion:128 Resp: 855016
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.3 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.528 ug/l

RT: 15.705 min Scan# 51

Delta R.T. 0.003 min

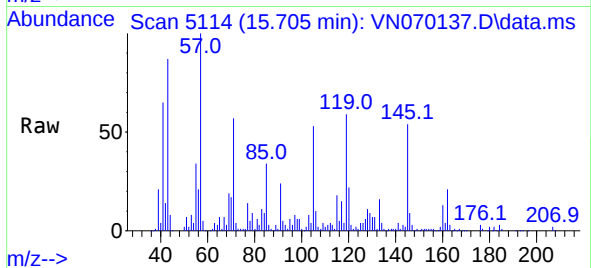
Lab File: VN070137.D

Acq: 16 Dec 2021 14:57

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 2058

Ion Ratio Lower Upper

180 100

182 50.1 47.4 142.2

145 0.0 15.0 45.1#

