

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070237.D
 Acq On : 20 Dec 2021 13:46
 Operator : JC/MD
 Sample : M5044-21 10X
 Misc : 5.65g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 03:31:20 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	8.085	168	1258452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2355449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2986163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1393000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	944529	48.611	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.220%
35) Dibromofluoromethane	8.021	113	675520	45.785	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.580%
50) Toluene-d8	10.440	98	3249166	54.845	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.728	95	1606098	74.834	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	149.660%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.315	59	13925	3.791	ug/l #	71
14) Allyl chloride	5.074	41	66332	2.456	ug/l #	59
15) Acrylonitrile	5.610	53	18861	1.906	ug/l #	29
16) Acetone	4.237	43	10029	0.858	ug/l #	57
18) Methyl Acetate	5.082	43	184354	5.225	ug/l #	51
25) 2-Butanone	7.318	43	9436	0.594	ug/l #	48
30) Chloroform	7.780	83	18691	0.677	ug/l #	18
31) Cyclohexane	8.072	56	418918	15.492	ug/l #	56
36) 1,1-Dichloropropene	8.083	75	107652	4.801	ug/l #	50
37) Ethyl Acetate	7.318	43	9436	0.283	ug/l #	83
38) Carbon Tetrachloride	8.083	117	127788	5.812	ug/l #	16
39) Methylcyclohexane	9.459	83	639374	23.972	ug/l #	78
41) Methacrylonitrile	7.675	41	6807	0.434	ug/l #	38
43) Isopropyl Acetate	8.555	43	118927	2.408	ug/l #	55
47) Bromodichloromethane	9.743	83	40531	1.773	ug/l #	28
48) Methyl methacrylate	9.590	41	91533	3.971	ug/l #	23
51) 4-Methyl-2-Pentanone	10.371	43	267642	8.354	ug/l #	77
52) Toluene	10.505	92	102199	2.442	ug/l	99
53) t-1,3-Dichloropropene	10.714	75	365	2.807	ug/l #	1
54) cis-1,3-Dichloropropene	10.202	75	82	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	239186	14.167	ug/l #	28
56) Ethyl methacrylate	10.786	69	41118	3.511	ug/l #	34
58) 2-Chloroethyl Vinyl ether	10.017	63	6513	19.090	ug/l #	45
59) 2-Hexanone	11.052	43	265183	10.941	ug/l #	30
60) Dibromochloromethane	11.162	129	1069	2.432	ug/l #	19
67) Ethyl Benzene	11.843	91	5616398	51.038	ug/l	97
68) m/p-Xylenes	11.950	106	4415173	110.193	ug/l	92
69) o-Xylene	12.277	106	2260430	56.008	ug/l	91
70) Styrene	12.277	104	117725	1.840	ug/l #	1
71) Bromoform	12.715	173	1463	2.807	ug/l #	1
73) Isopropylbenzene	12.575	105	974380	7.862	ug/l	98
74) N-amyl acetate	12.363	43	199583	3.641	ug/l #	67
76) 1,2,3-Trichloropropane	12.921	75	29325	0.734	ug/l #	1
78) n-propylbenzene	12.918	91	4729016	34.289	ug/l	96
79) 2-Chlorotoluene	13.012	91	531980	6.105	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	4284301	42.948	ug/l	98

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

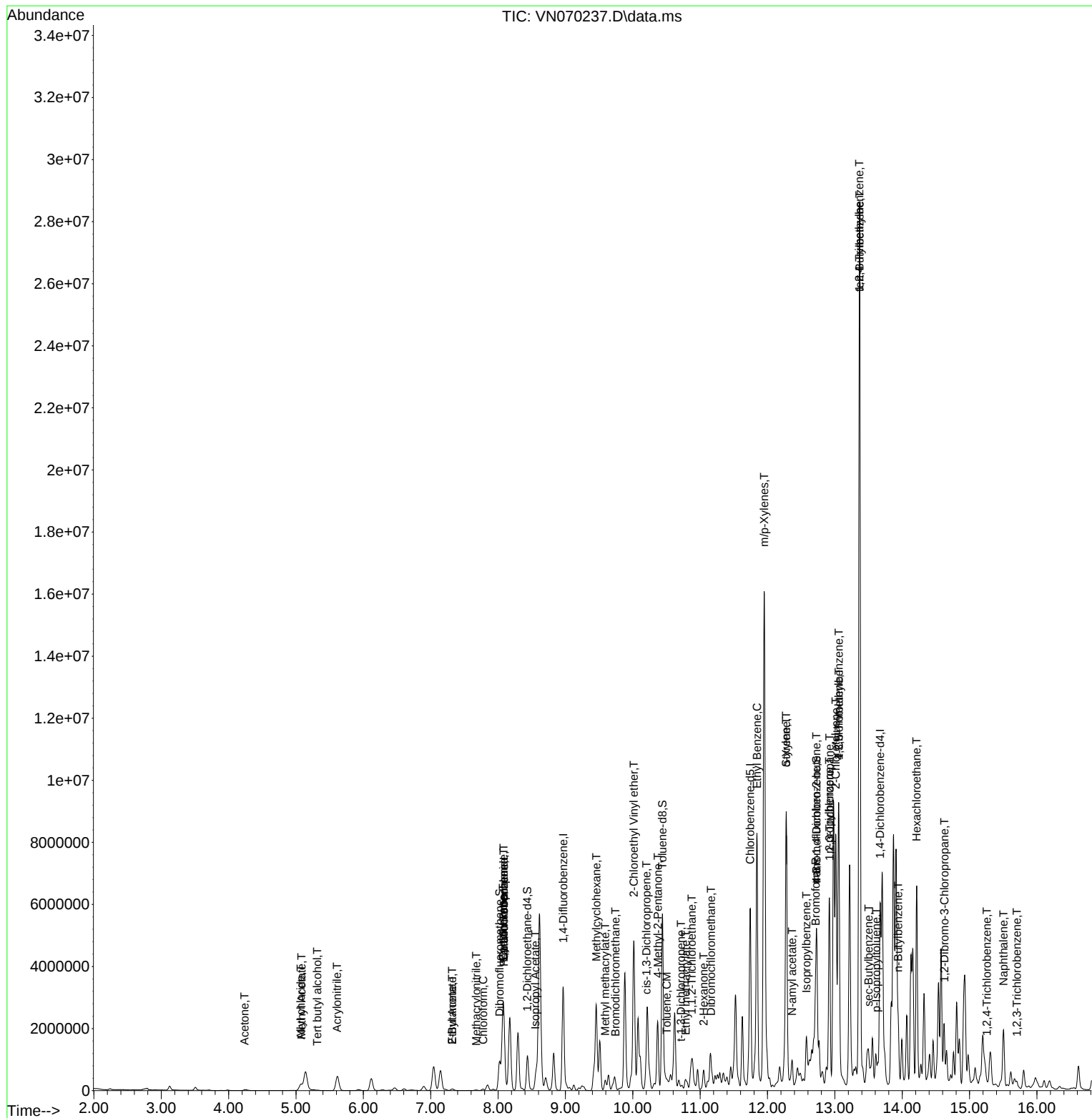
81) trans-1,4-Dichloro-2-b...	12.728	75	866965	69.321	ug/l #	5
82) 4-Chlorotoluene	13.058	91	474087	5.785	ug/l #	40
83) tert-Butylbenzene	13.366	119	1967154	22.270	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.364	105	15234902	160.362	ug/l	98
85) sec-Butylbenzene	13.500	105	580057	4.841	ug/l #	57
86) p-Isopropyltoluene	13.613	119	244468	2.610	ug/l	95
89) n-Butylbenzene	13.940	91	1002574	13.197	ug/l #	72
90) Hexachloroethane	14.214	117	288043	17.518	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.624	75	5775	0.746	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	5209	3.093	ug/l #	79
95) Naphthalene	15.504	128	1594344	25.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	5294	2.662	ug/l #	79

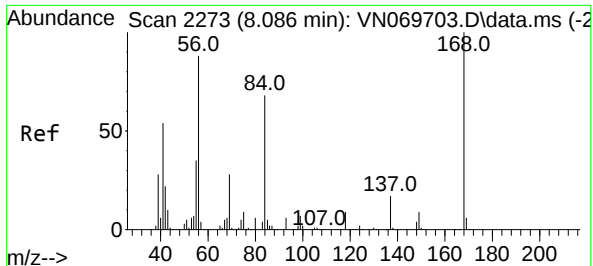
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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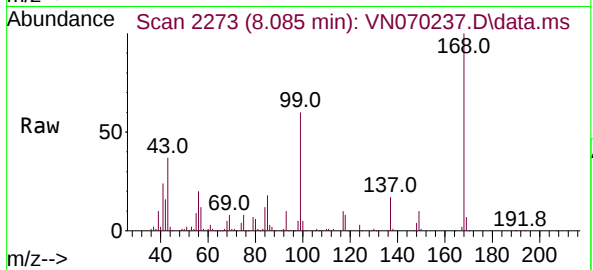
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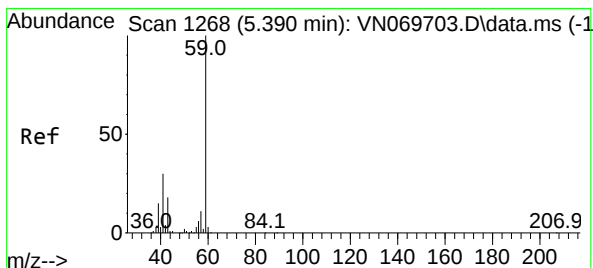
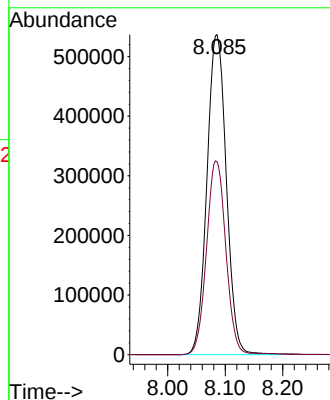
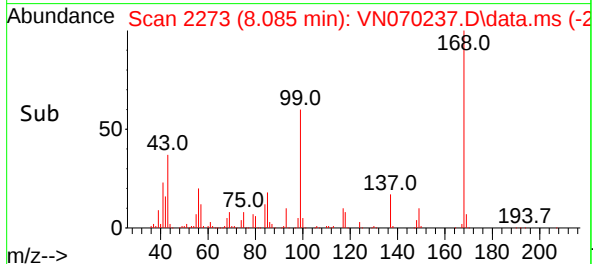


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

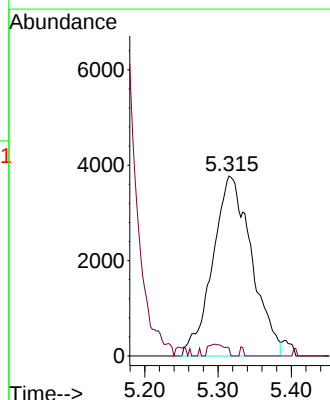
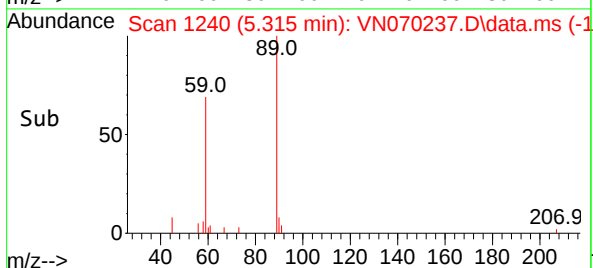
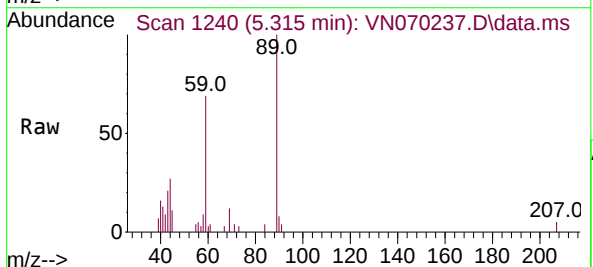


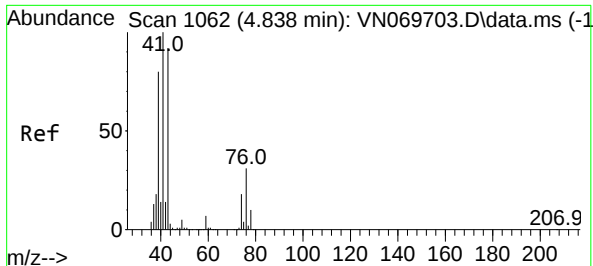
Tgt Ion:168 Resp: 1258452
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 3.791 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.075 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 59 Resp: 13925
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#14

Allyl chloride

Concen: 2.456 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.236 min

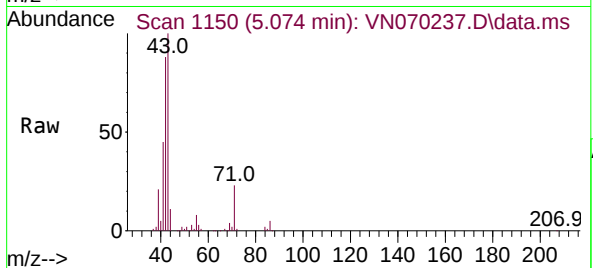
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Acq: 20 Dec 2021 13:46

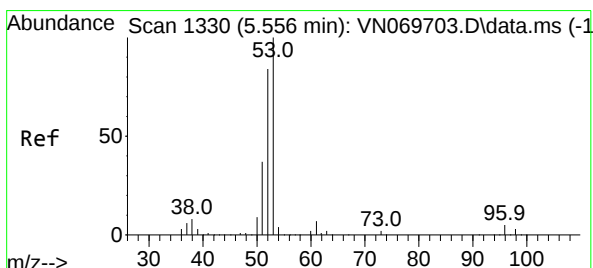
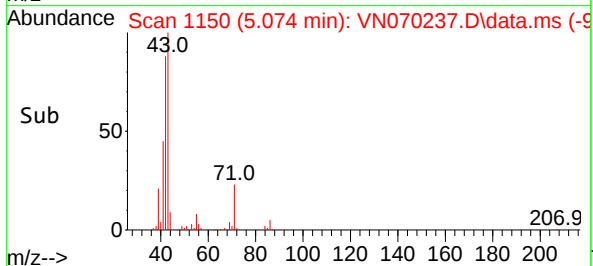
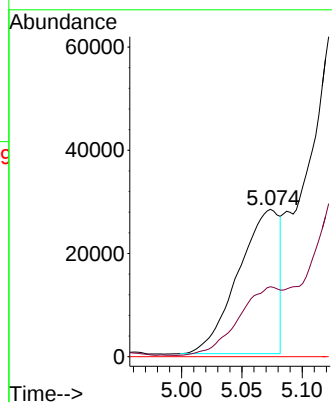
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41	Resp: 66332
Ion Ratio	Lower Upper
41	100
39	47.0 61.2 91.8#
76	0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 1.906 ug/l

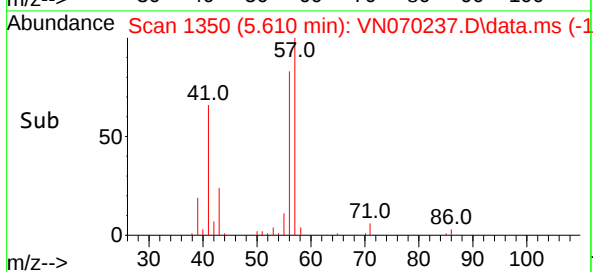
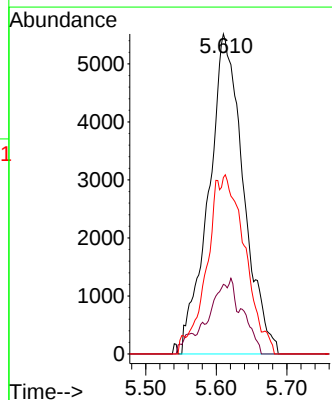
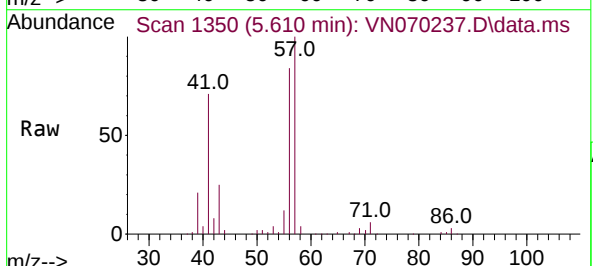
RT: 5.610 min Scan# 1350

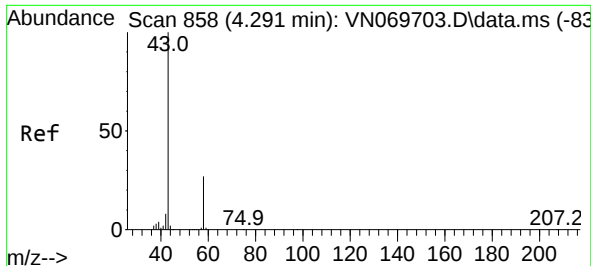
Delta R.T. 0.054 min

Lab File: VN070237.D

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Tgt Ion: 53	Resp: 18861
Ion Ratio	Lower Upper
53	100
52	0.0 66.2 99.2#
51	22.7 29.6 44.4#

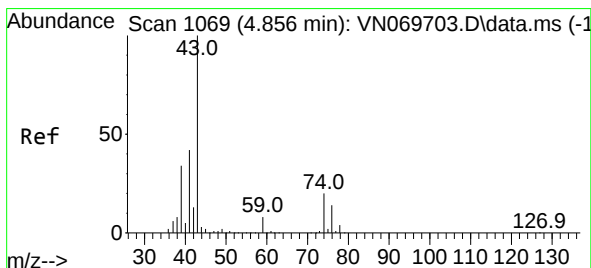
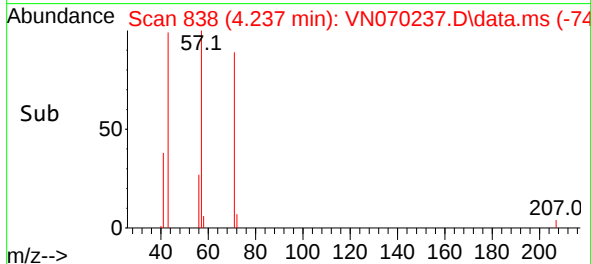
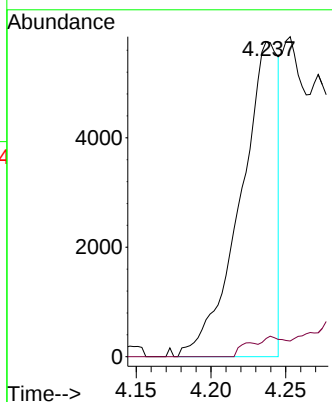
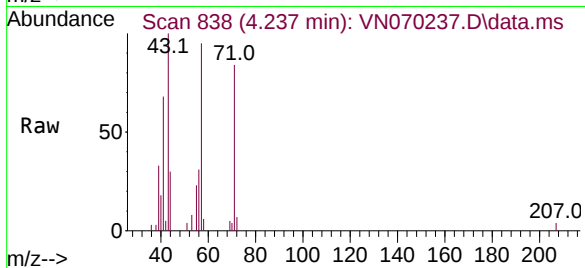




#16
Acetone
Concen: 0.858 ug/l
RT: 4.237 min Scan# 81
Delta R.T. -0.054 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

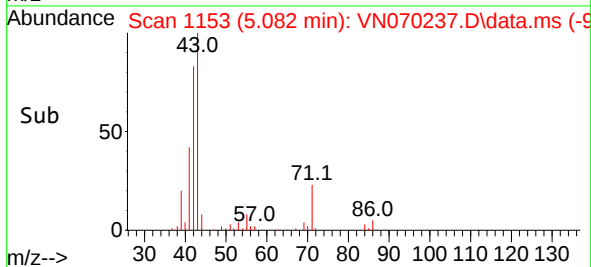
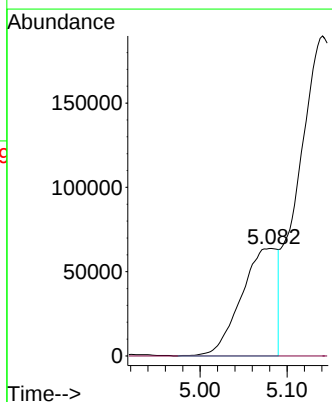
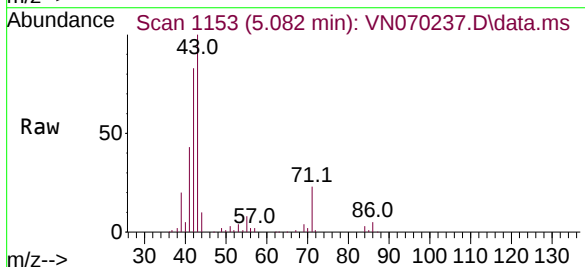
Instrument :
MSVOA_N
ClientSampleId :

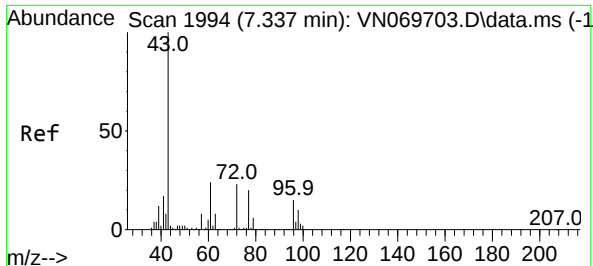
Tgt Ion: 43 Resp: 10029
Ion Ratio Lower Upper
43 100
58 5.8 23.1 34.7#



#18
Methyl Acetate
Concen: 5.225 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. 0.225 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 43 Resp: 184354
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#25

2-Butanone

Concen: 0.594 ug/l

RT: 7.318 min Scan# 1994

Delta R.T. -0.019 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

Instrument :

MSVOA_N

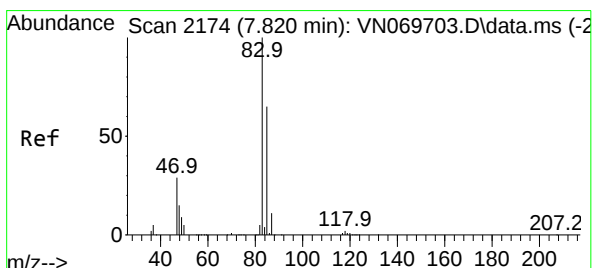
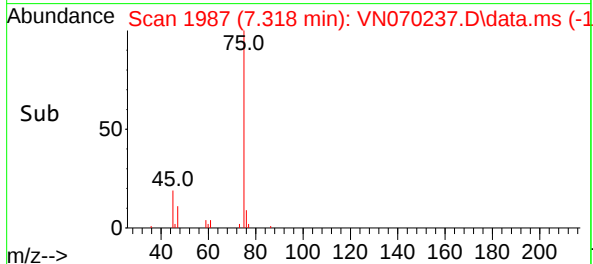
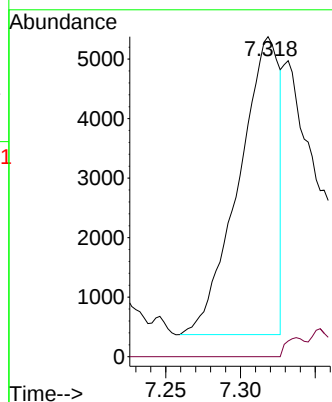
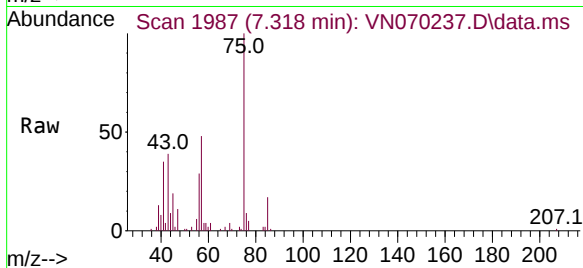
ClientSampleId :

Tgt Ion: 43 Resp: 9436

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#30

Chloroform

Concen: 0.677 ug/l

RT: 7.780 min Scan# 2159

Delta R.T. -0.040 min

Lab File: VN070237.D

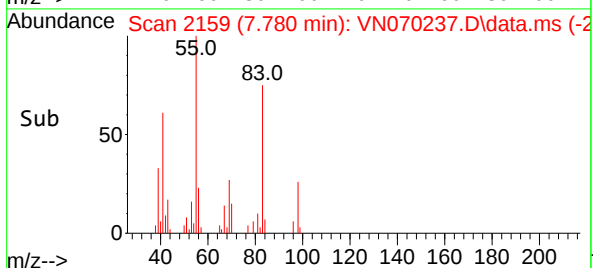
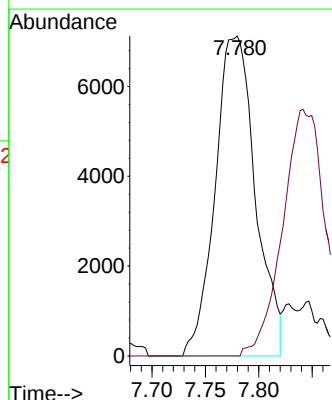
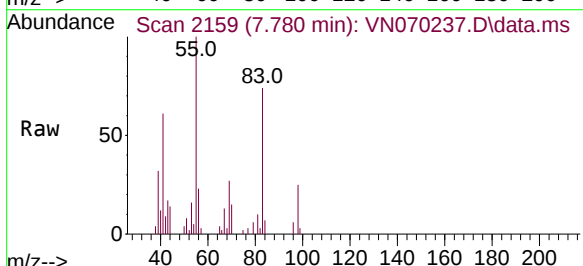
Acq: 20 Dec 2021 13:46

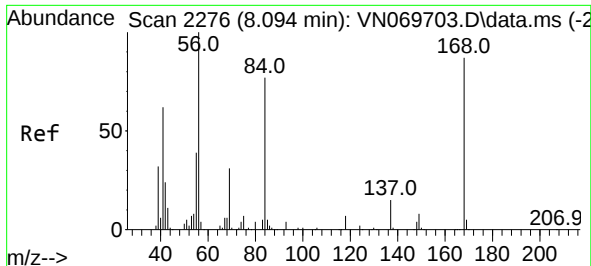
Tgt Ion: 83 Resp: 18691

Ion Ratio Lower Upper

83 100

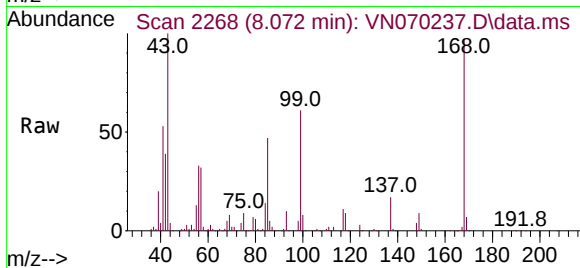
85 0.0 51.9 77.9#



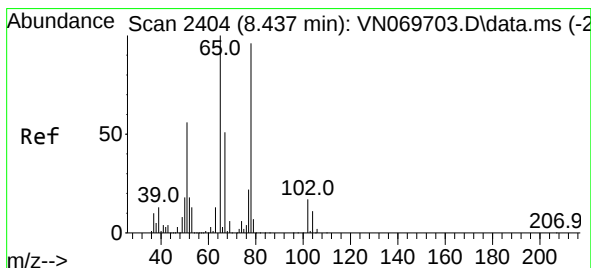
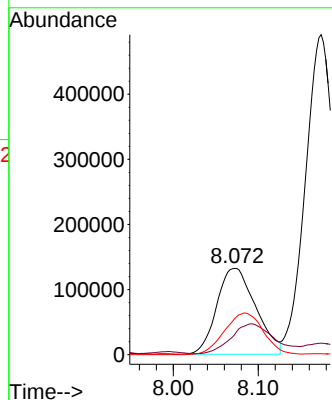
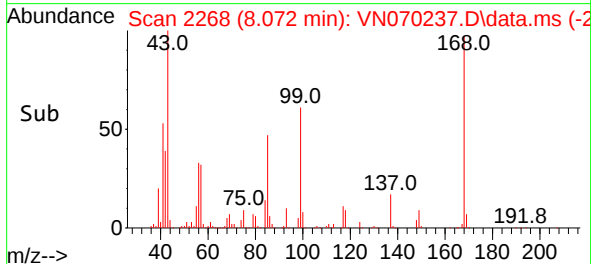


#31
Cyclohexane
Concen: 15.492 ug/l
RT: 8.072 min Scan# 21
Delta R.T. -0.021 min
Lab File: VN070237.D
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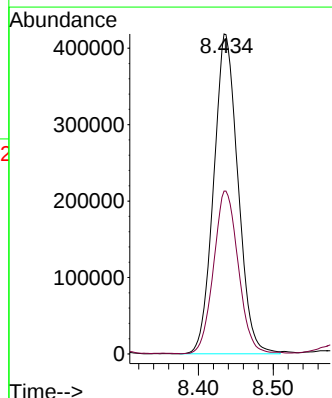
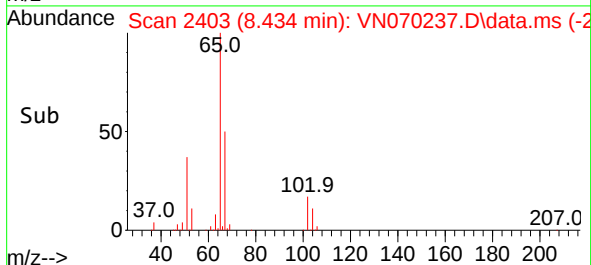
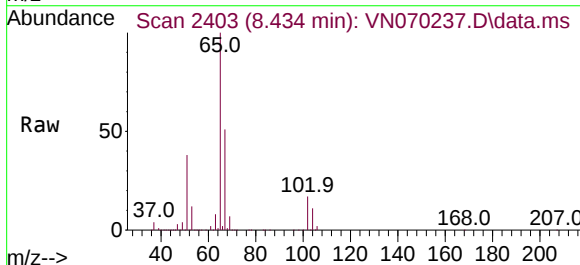


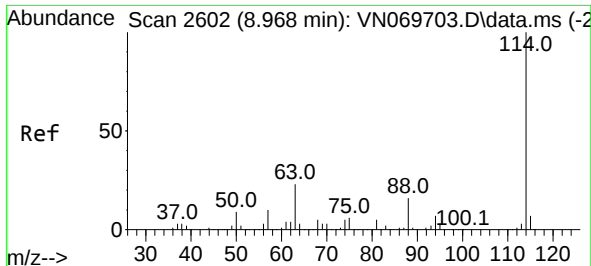
Tgt Ion: 56 Resp: 418918
Ion Ratio Lower Upper
56 100
69 20.9 27.1 40.7#
84 42.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.611 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 65 Resp: 944529
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

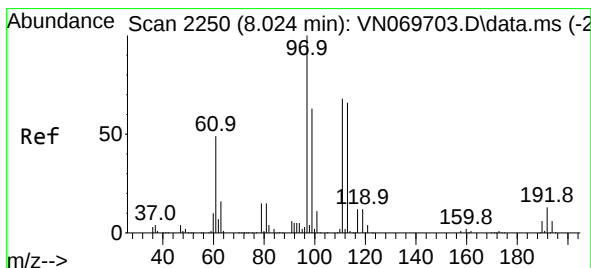
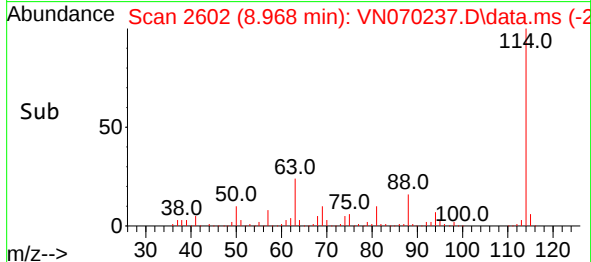
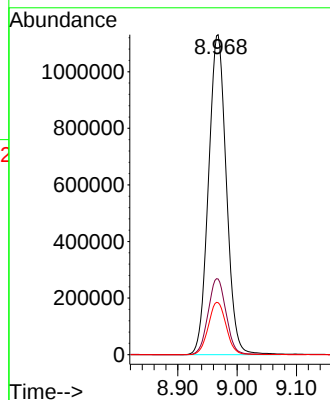
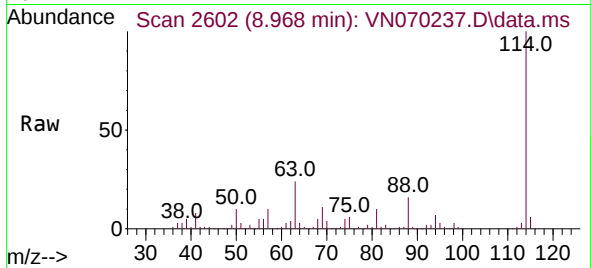




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070237.D
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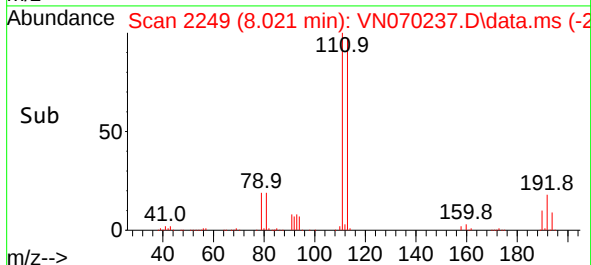
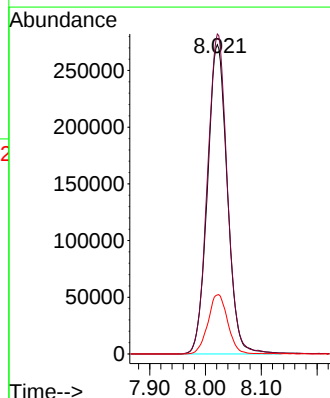
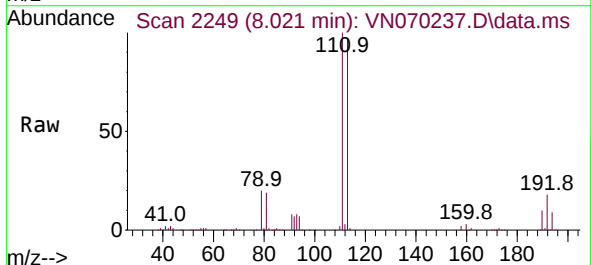
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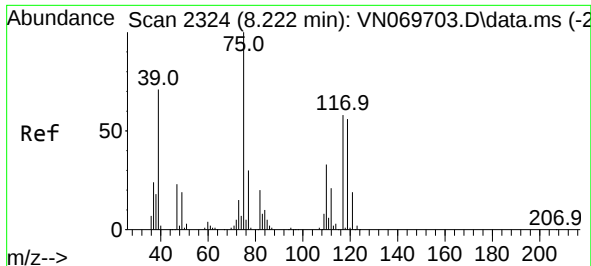
Tgt Ion:114 Resp: 2355449
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.785 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

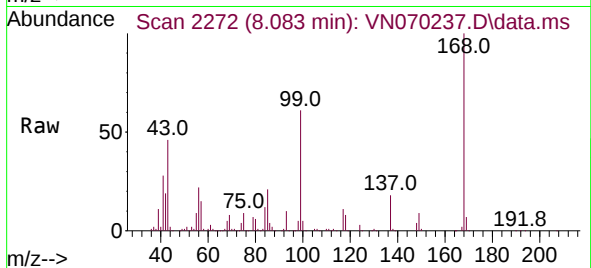
Tgt Ion:113 Resp: 675520
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3



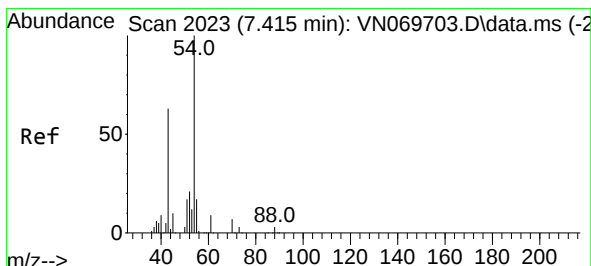
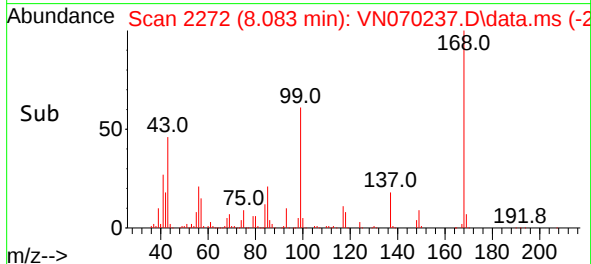
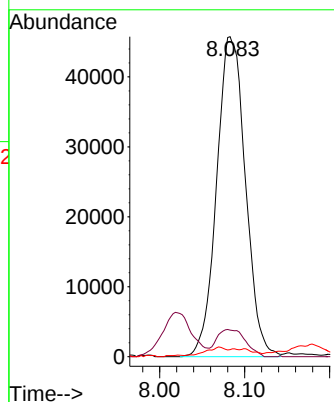


#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.139 min
 Lab File: VN070237.D
 Acq: 20 Dec 2021 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

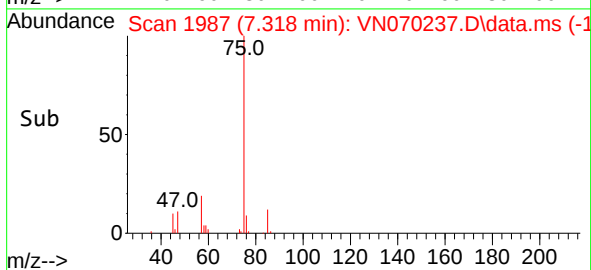
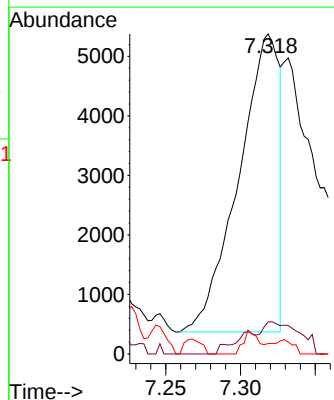
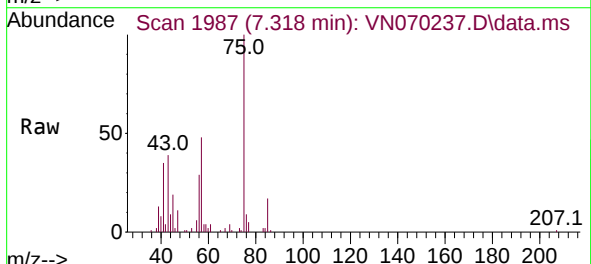


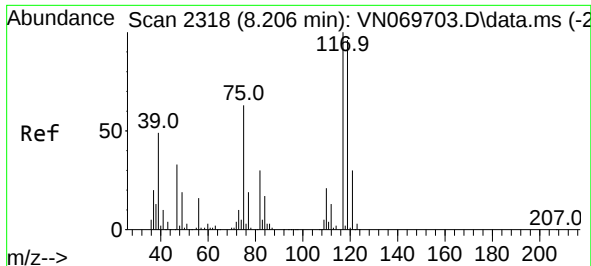
Tgt Ion: 75 Resp: 107652
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 1.8 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.283 ug/l
 RT: 7.318 min Scan# 1987
 Delta R.T. -0.097 min
 Lab File: VN070237.D
 Acq: 20 Dec 2021 13:46

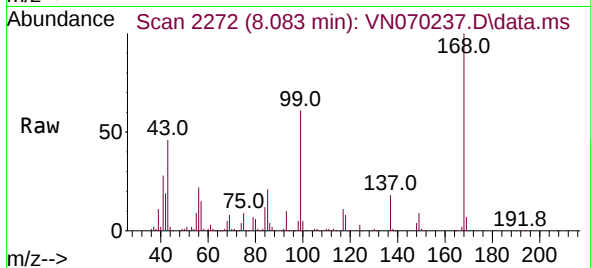
Tgt Ion: 43 Resp: 9436
 Ion Ratio Lower Upper
 43 100
 61 10.0 11.5 17.3#
 70 0.0 7.9 11.9#



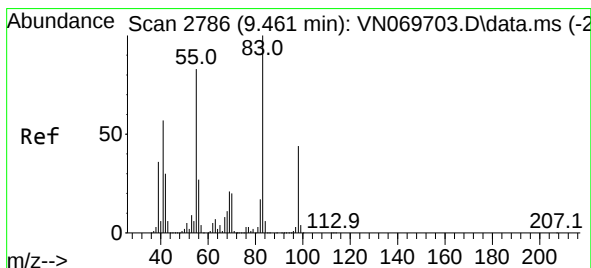
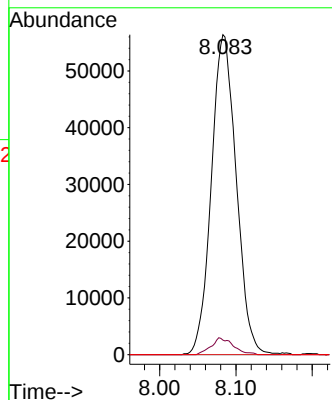
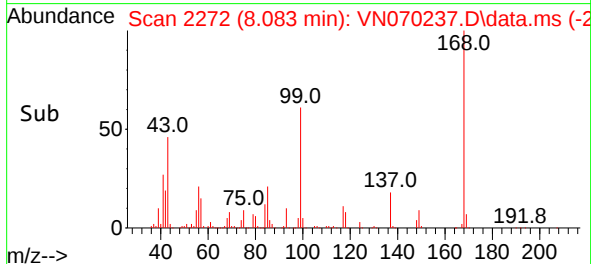


#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

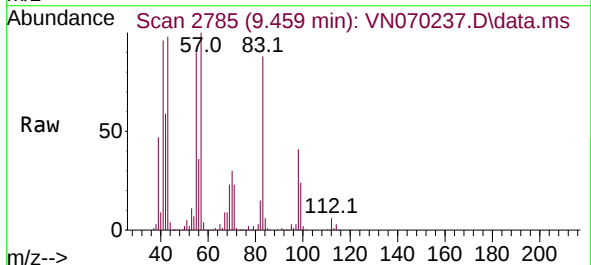
Instrument :
MSVOA_N
ClientSampleId :



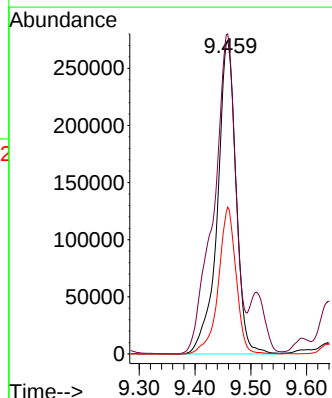
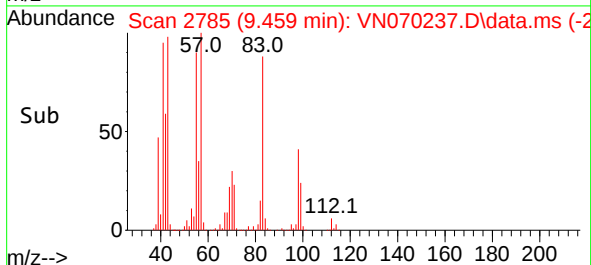
Tgt Ion: 117 Resp: 127788
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#

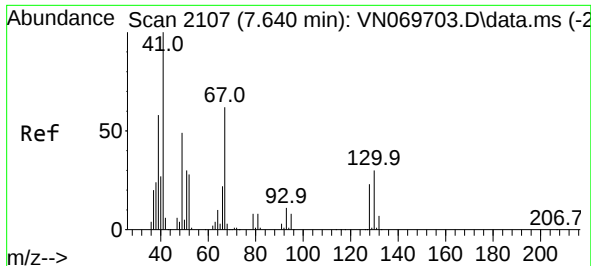


#39
Methylcyclohexane
Concen: 23.972 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46



Tgt Ion: 83 Resp: 639374
Ion Ratio Lower Upper
83 100
55 102.2 58.1 87.1#
98 47.0 38.4 57.6

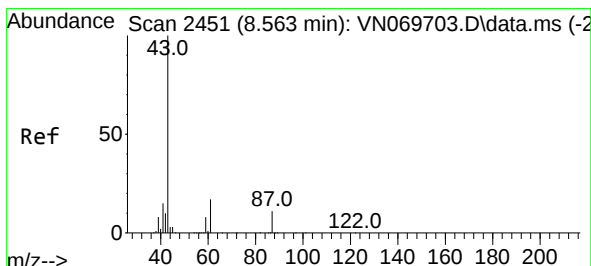
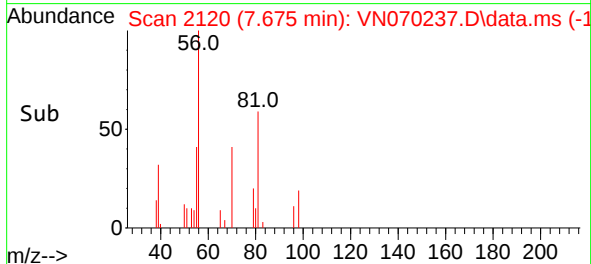
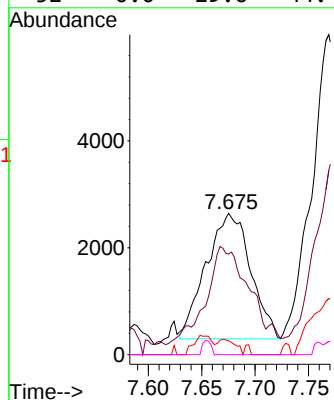
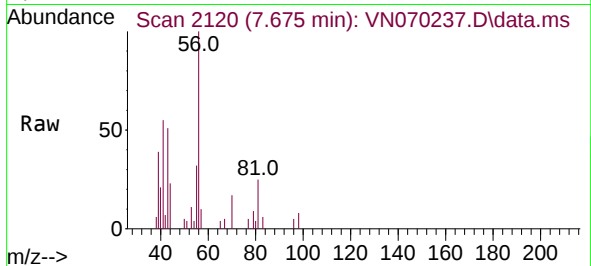




#41
Methacrylonitrile
Concen: 0.434 ug/l
RT: 7.675 min Scan# 2107
Delta R.T. 0.035 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

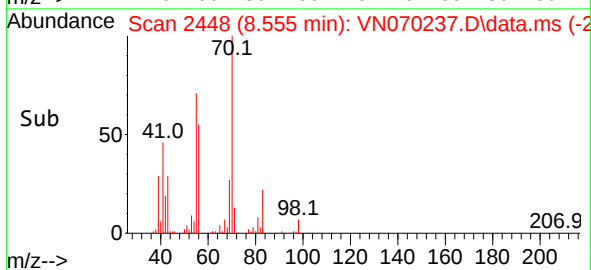
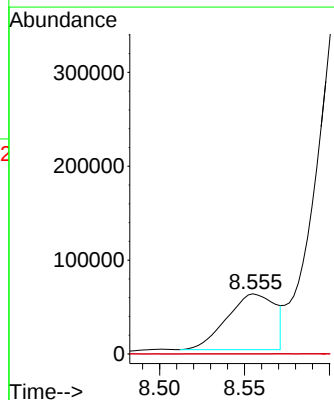
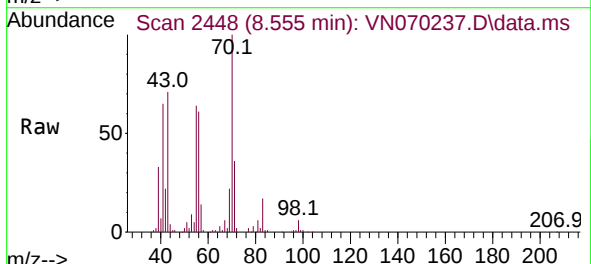
Instrument :
MSVOA_N
ClientSampleId :

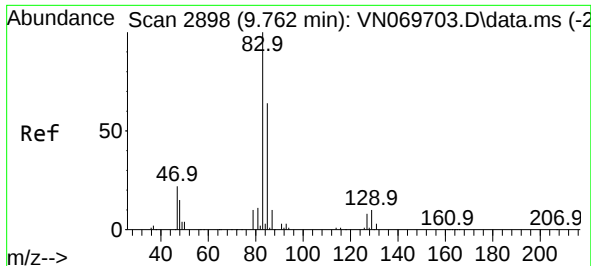
Tgt Ion: 41 Resp: 6807
Ion Ratio Lower Upper
41 100
39 72.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#43
Isopropyl Acetate
Concen: 2.408 ug/l
RT: 8.555 min Scan# 2448
Delta R.T. -0.008 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 43 Resp: 118927
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

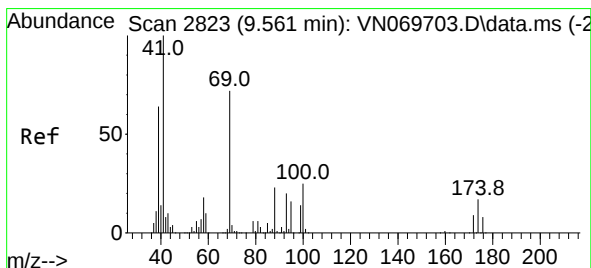
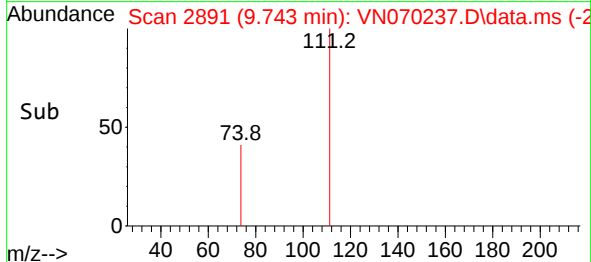
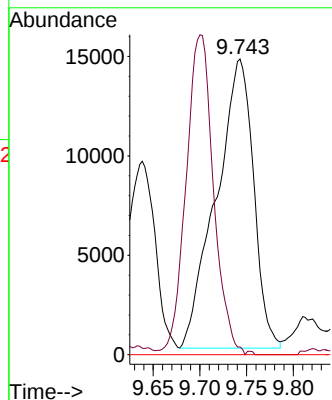
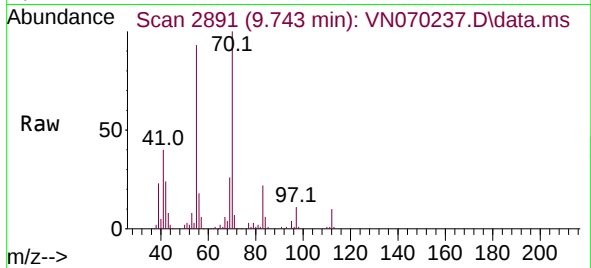




#47
Bromodichloromethane
Concen: 1.773 ug/l
RT: 9.743 min Scan# 2891
Delta R.T. -0.019 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

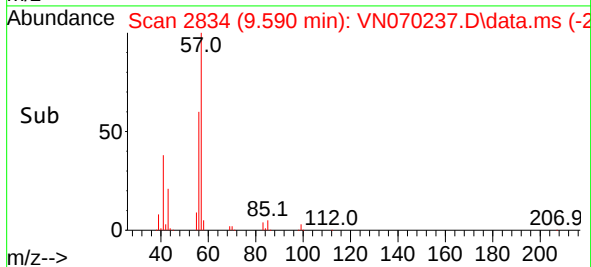
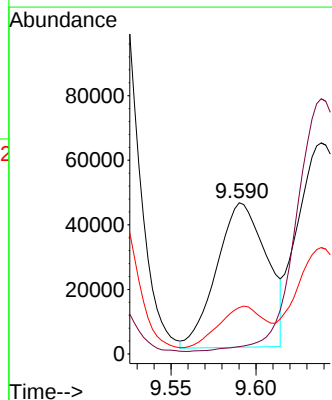
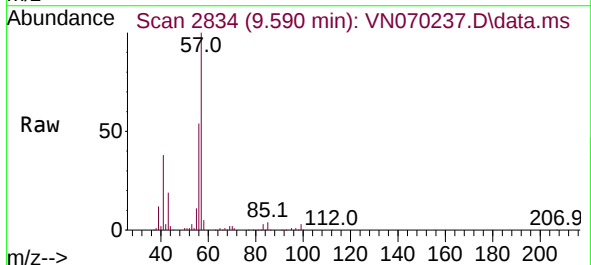
Instrument :
MSVOA_N
ClientSampleId :

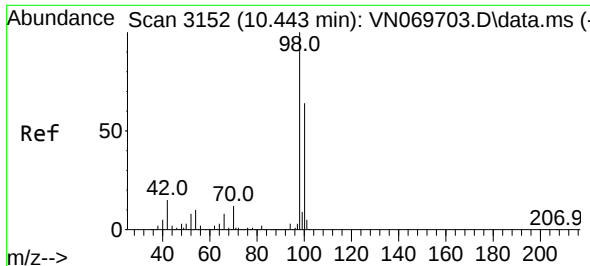
Tgt Ion: 83 Resp: 40531
Ion Ratio Lower Upper
83 100
85 2.7 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.971 ug/l
RT: 9.590 min Scan# 2834
Delta R.T. 0.029 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 41 Resp: 91533
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 28.0 58.4 87.6#

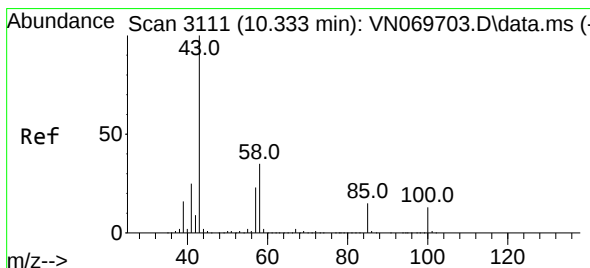
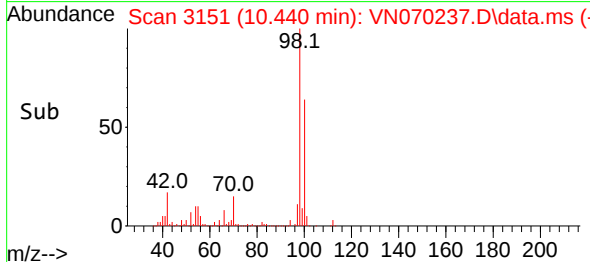
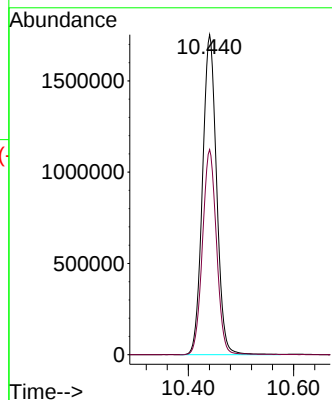
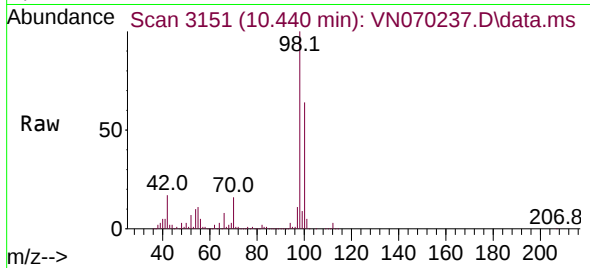




#50
Toluene-d8
Concen: 54.845 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

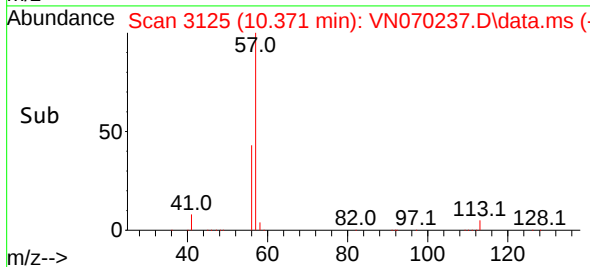
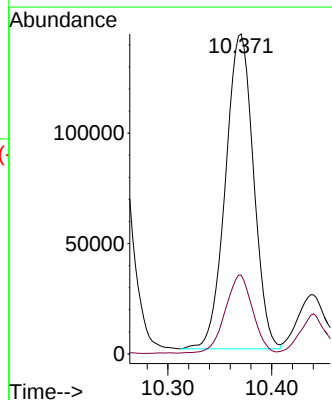
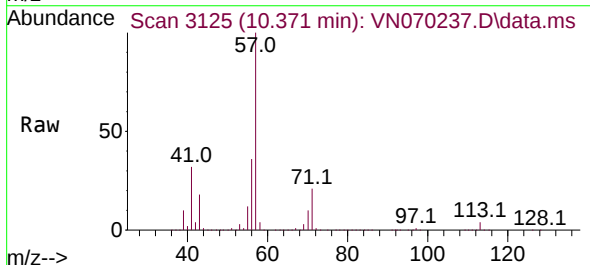
Instrument :
MSVOA_N
ClientSampleId :

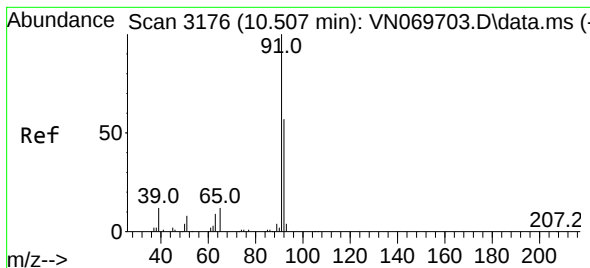
Tgt Ion: 98 Resp: 3249166
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 8.354 ug/l
RT: 10.371 min Scan# 3125
Delta R.T. 0.038 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 43 Resp: 267642
Ion Ratio Lower Upper
43 100
58 24.3 30.4 45.6#





#52

Toluene

Concen: 2.442 ug/l

RT: 10.505 min Scan# 3176

Delta R.T. -0.003 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

Instrument :

MSVOA_N

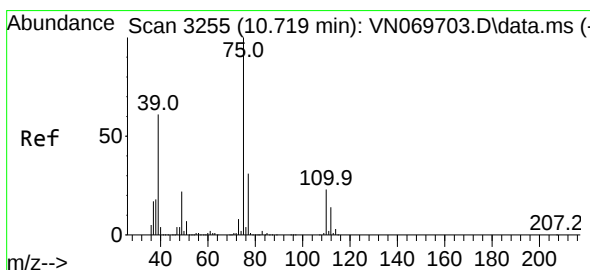
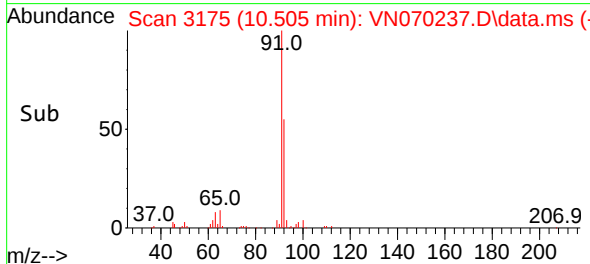
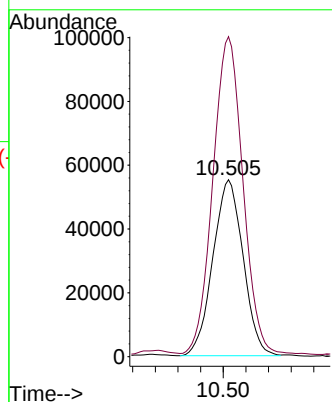
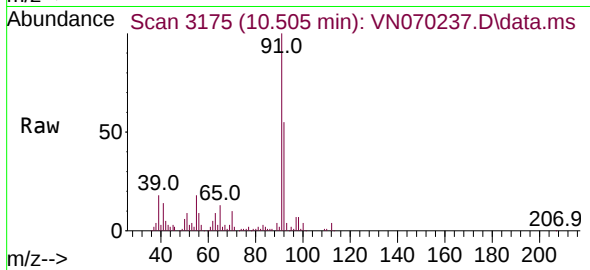
ClientSampleId :

Tgt Ion: 92 Resp: 102199

Ion Ratio Lower Upper

92 100

91 179.3 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.807 ug/l

RT: 10.714 min Scan# 3253

Delta R.T. -0.005 min

Lab File: VN070237.D

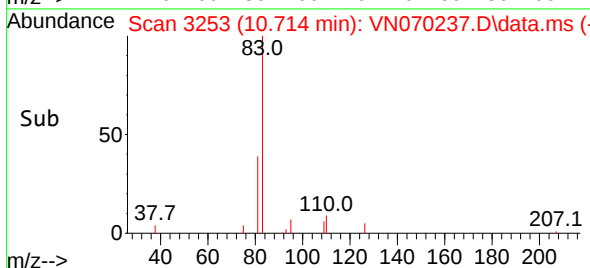
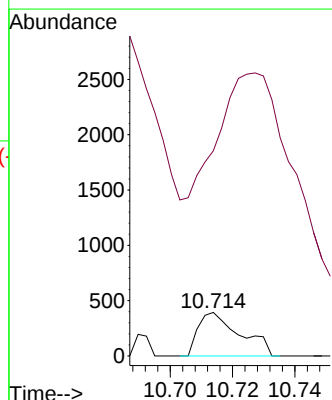
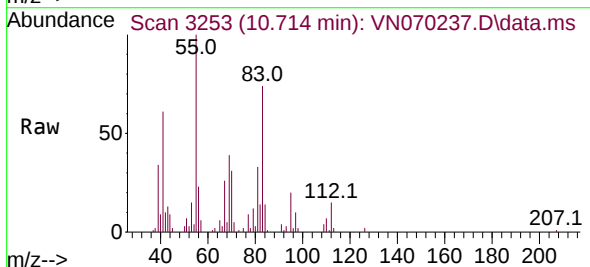
Acq: 20 Dec 2021 13:46

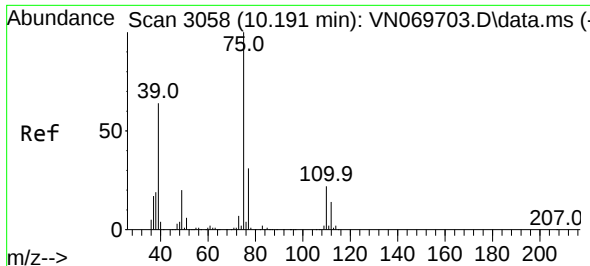
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

77 113.0 25.6 38.4#

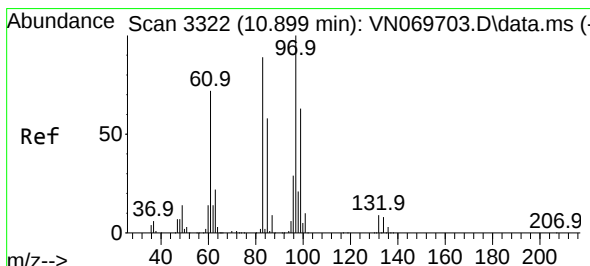
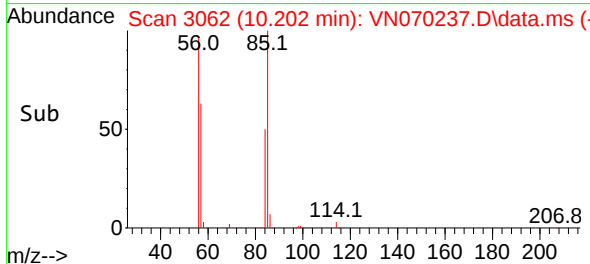
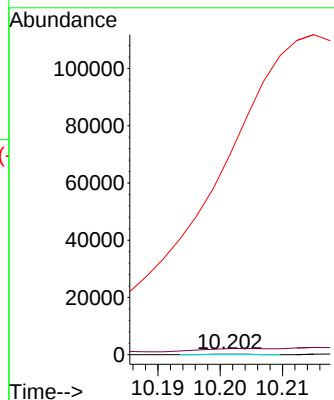
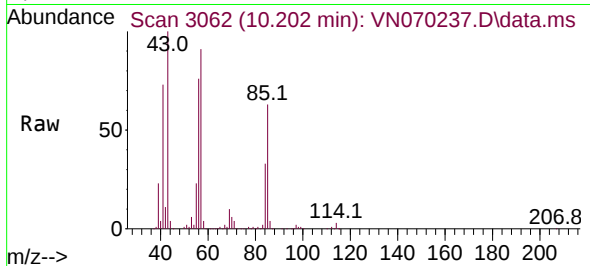




#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.202 min Scan# 3058
Delta R.T. 0.011 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

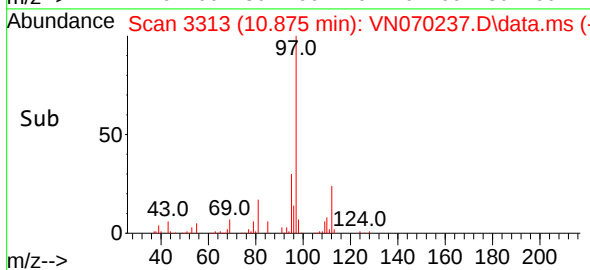
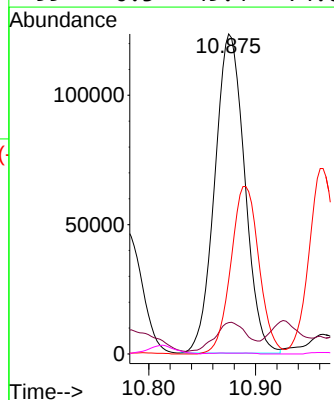
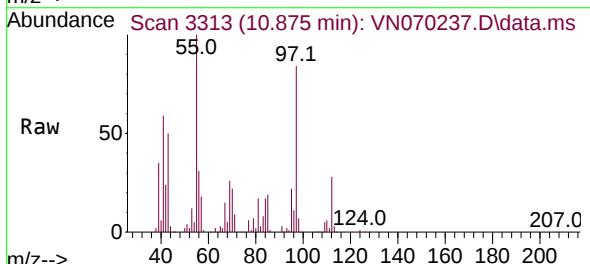
Instrument :
MSVOA_N
ClientSampleId :

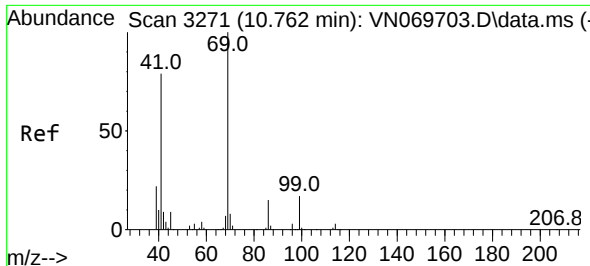
Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
77 457.8 26.4 39.6#
39 15952.4 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 14.167 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.024 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 97 Resp: 239186
Ion Ratio Lower Upper
97 100
83 8.8 67.8 101.6#
85 23.2 45.4 68.2#
99 0.3 49.4 74.0#

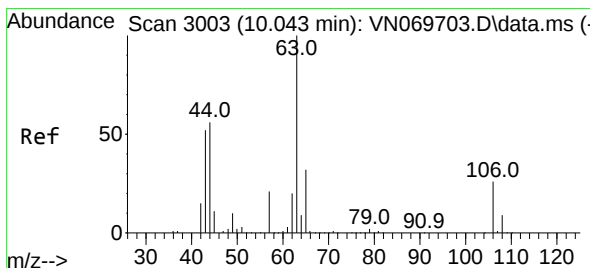
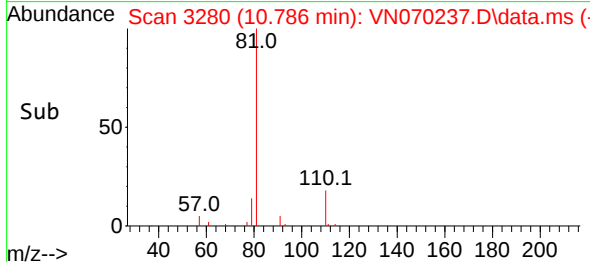
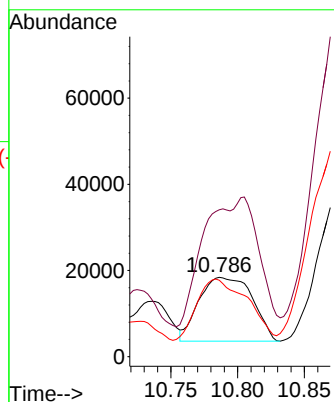
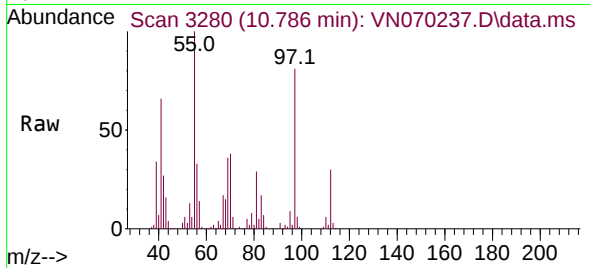




#56
Ethyl methacrylate
Concen: 3.511 ug/l
RT: 10.786 min Scan# 3118
Delta R.T. 0.024 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

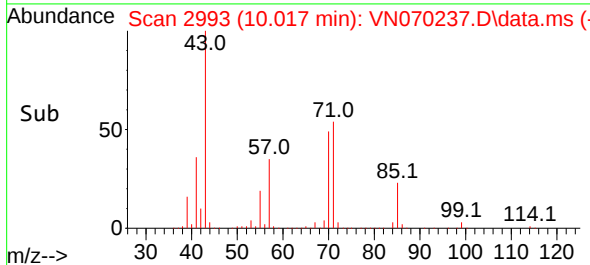
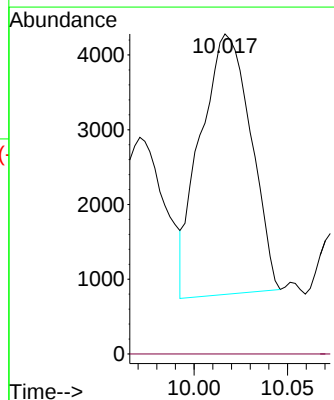
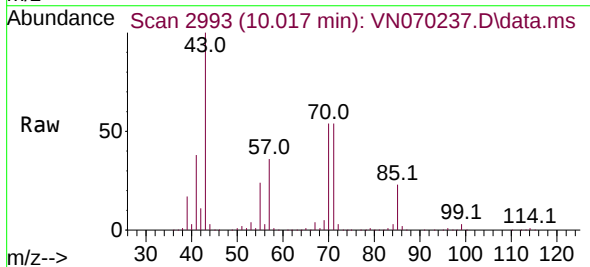
Instrument :
MSVOA_N
ClientSampleId :

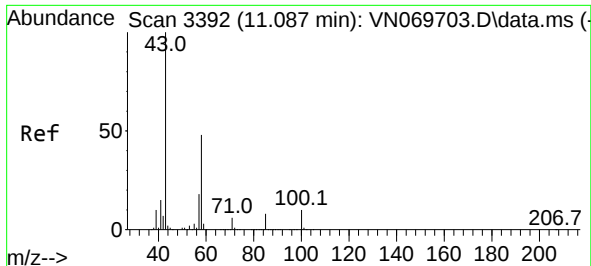
Tgt Ion: 69 Resp: 41118
Ion Ratio Lower Upper
69 100
41 108.4 51.4 77.0#
39 94.6 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.090 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.026 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 63 Resp: 6513
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

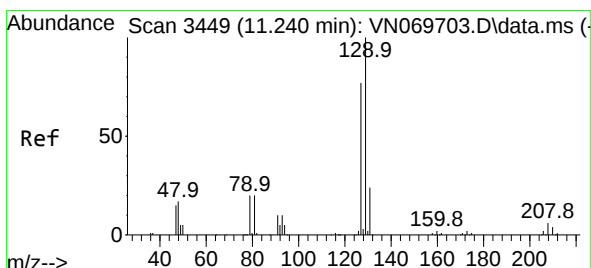
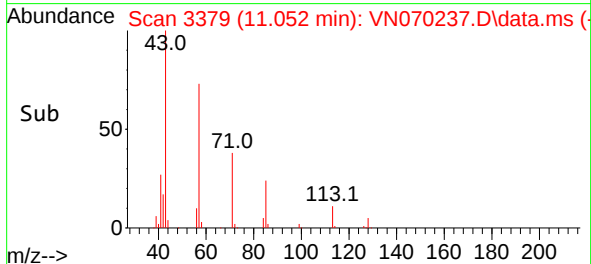
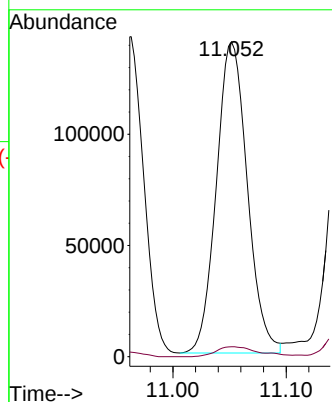
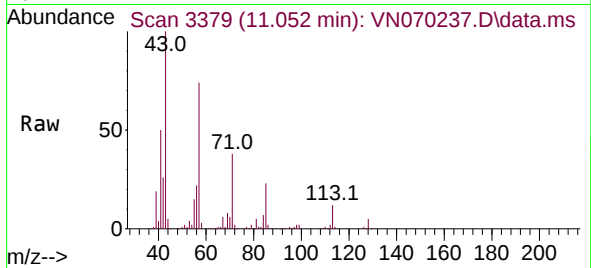




#59
2-Hexanone
Concen: 10.941 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

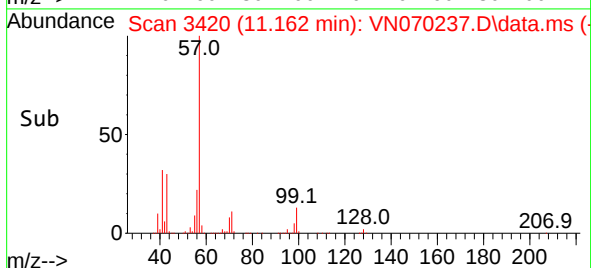
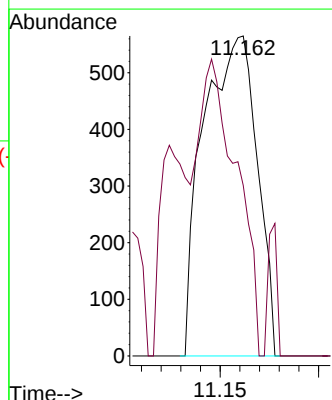
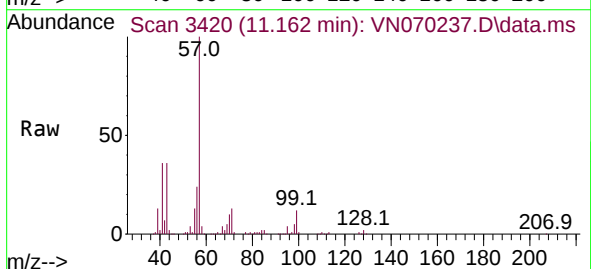
Instrument :
MSVOA_N
ClientSampleId :

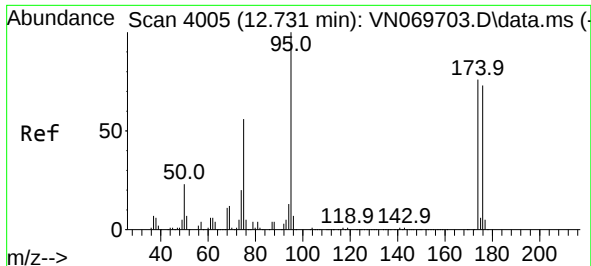
Tgt Ion: 43 Resp: 265183
Ion Ratio Lower Upper
43 100
58 3.8 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.432 ug/l
RT: 11.162 min Scan# 3420
Delta R.T. -0.078 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:129 Resp: 1069
Ion Ratio Lower Upper
129 100
127 6.7 38.6 116.0#

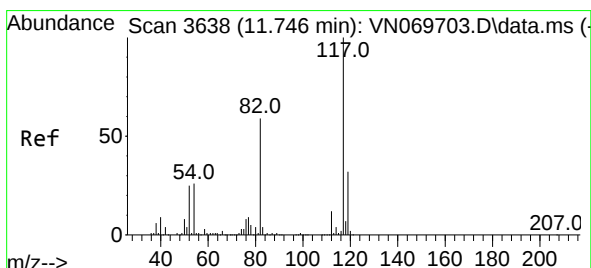
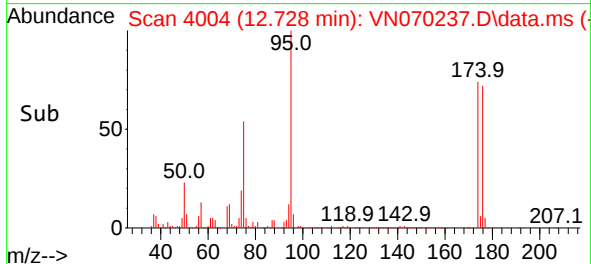
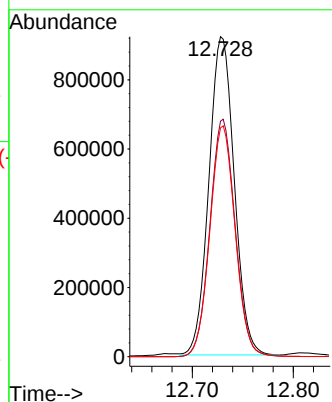
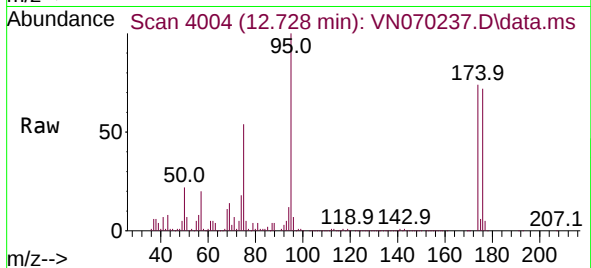




#62
4-Bromofluorobenzene
Concen: 74.834 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

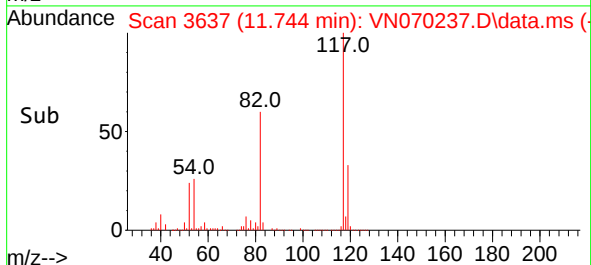
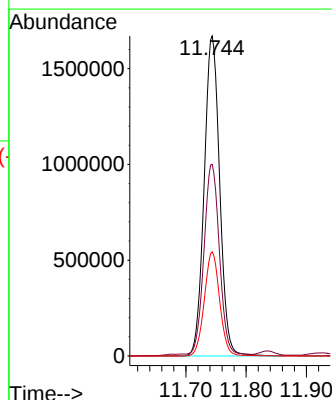
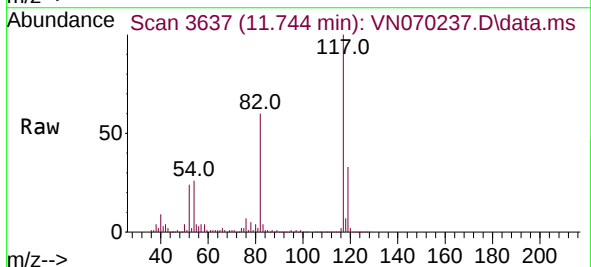
Instrument :
MSVOA_N
ClientSampleId :

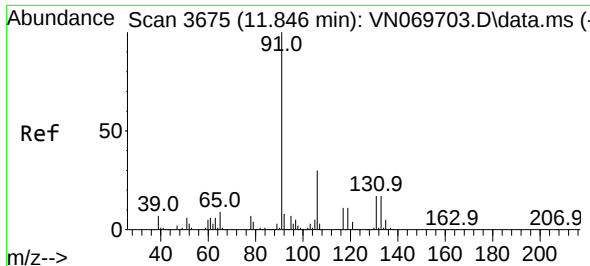
Tgt Ion: 95 Resp: 1606098
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 117 Resp: 2986163
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.6 25.4 38.2

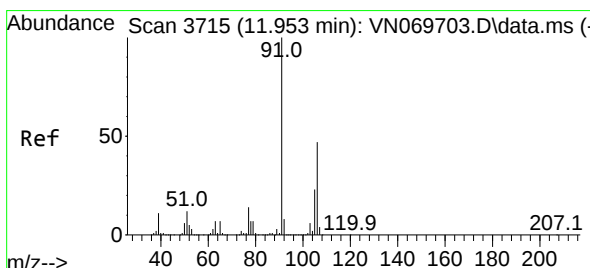
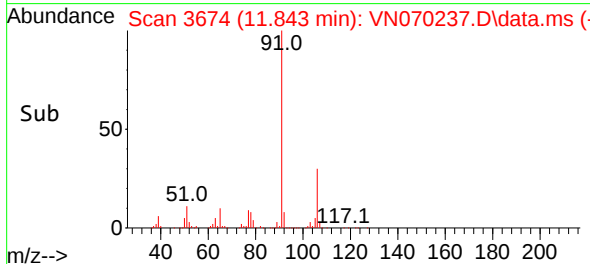
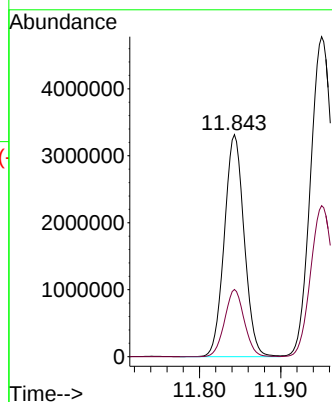
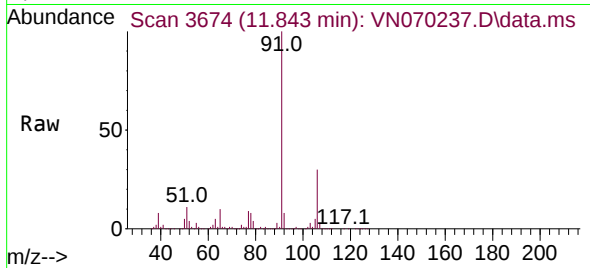




#67
Ethyl Benzene
Concen: 51.038 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

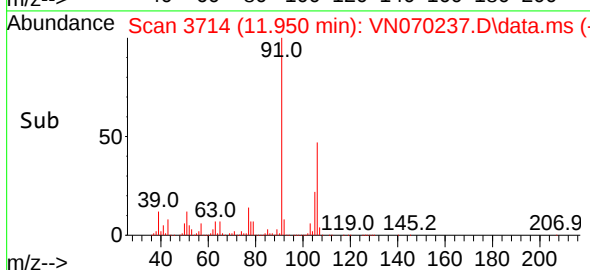
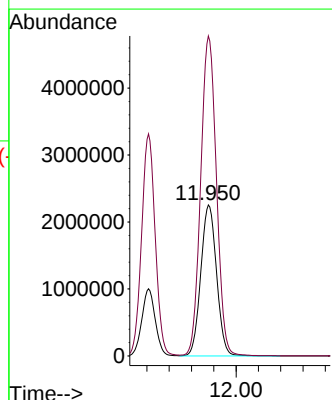
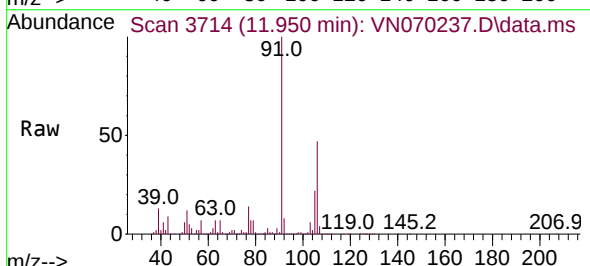
Instrument :
MSVOA_N
ClientSampleId :

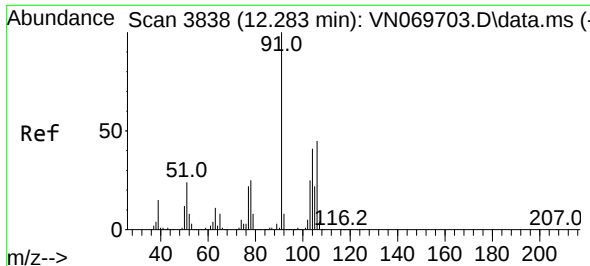
Tgt Ion: 91 Resp: 5616398
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 110.193 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:106 Resp: 4415173
Ion Ratio Lower Upper
106 100
91 212.1 160.6 240.8

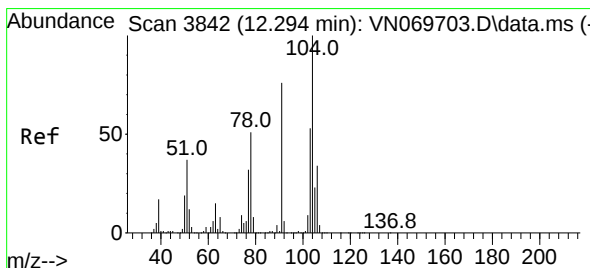
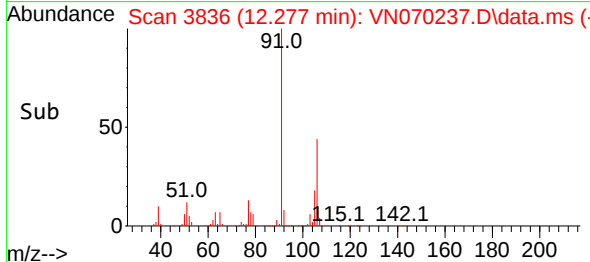
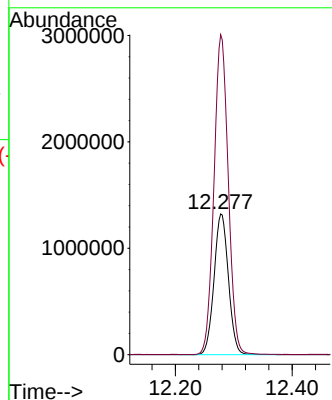
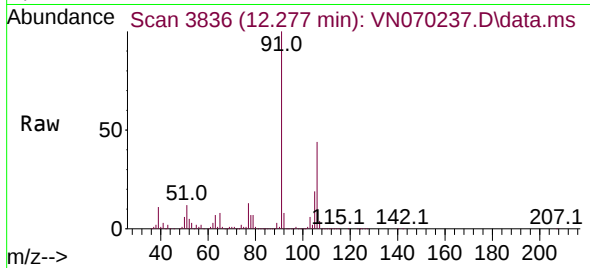




#69
o-Xylene
Concen: 56.008 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

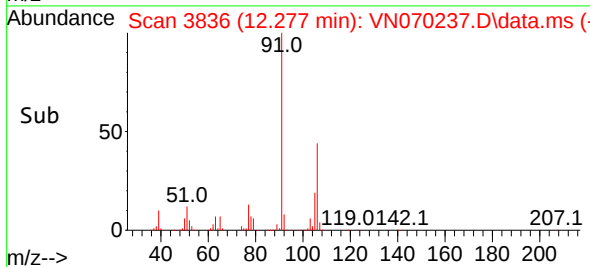
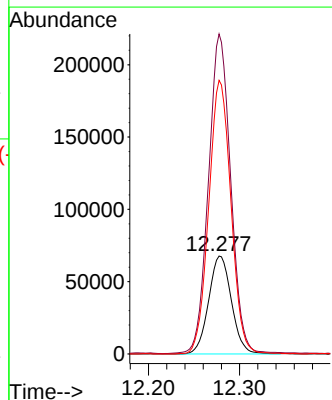
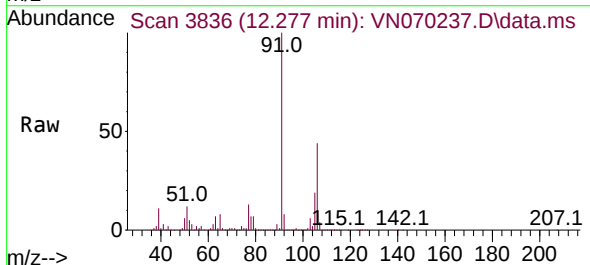
Instrument :
MSVOA_N
ClientSampleId :

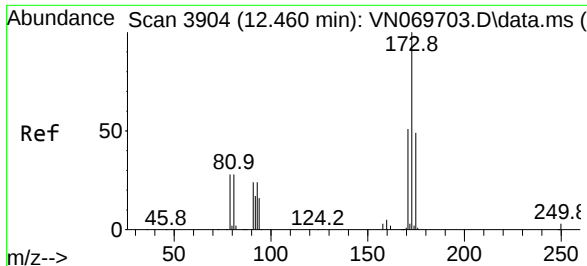
Tgt Ion:106 Resp: 2260430
Ion Ratio Lower Upper
106 100
91 226.0 105.8 317.3



#70
Styrene
Concen: 1.840 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.017 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:104 Resp: 117725
Ion Ratio Lower Upper
104 100
78 317.4 38.7 58.1#
103 272.0 45.0 67.6#

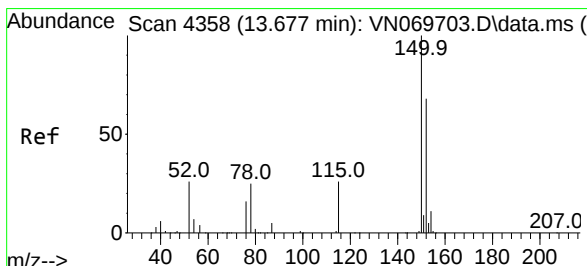
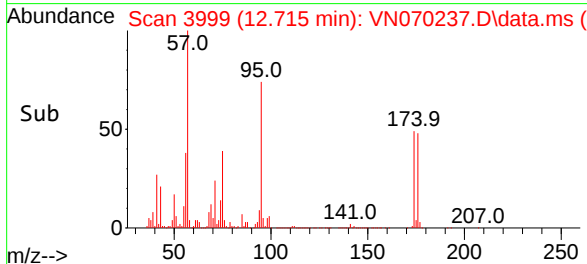
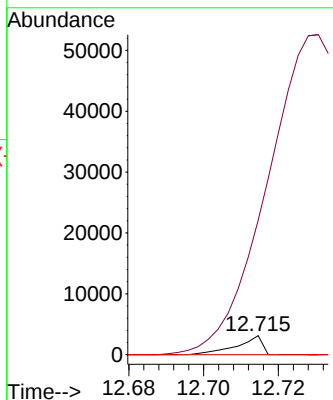
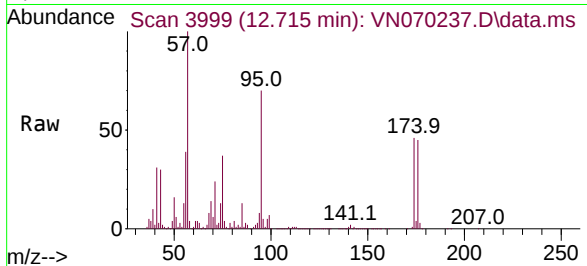




#71
Bromoform
Concen: 2.807 ug/l
RT: 12.715 min Scan# 3904
Delta R.T. 0.255 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

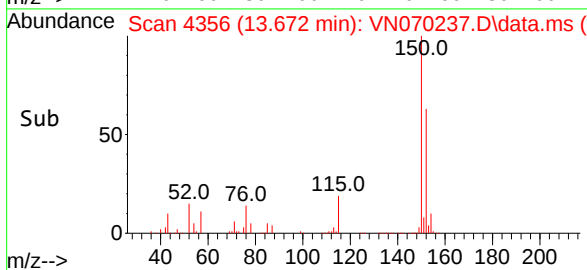
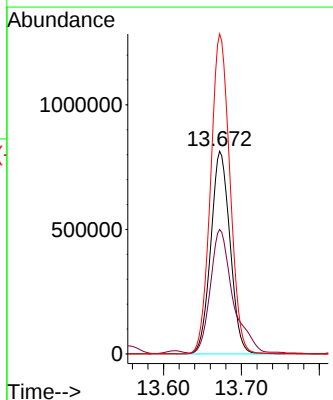
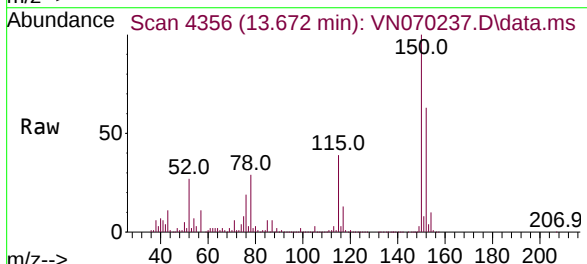
Instrument :
MSVOA_N
ClientSampleId :

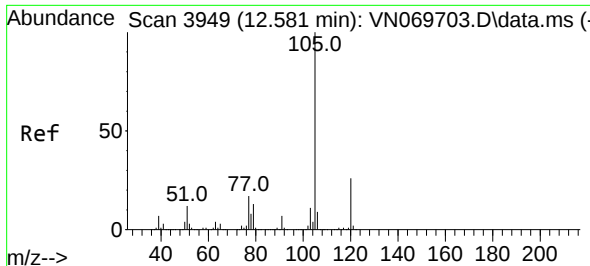
Tgt Ion:173 Resp: 1463
Ion Ratio Lower Upper
173 100
175 5926.3 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:152 Resp: 1393000
Ion Ratio Lower Upper
152 100
115 73.0 27.5 82.5
150 158.5 0.0 344.4

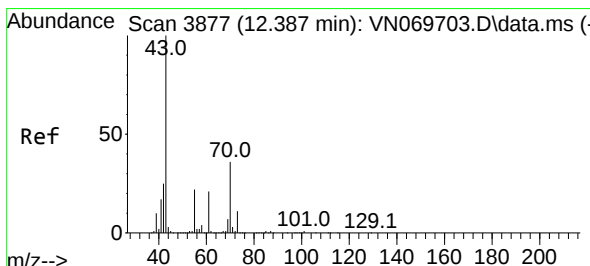
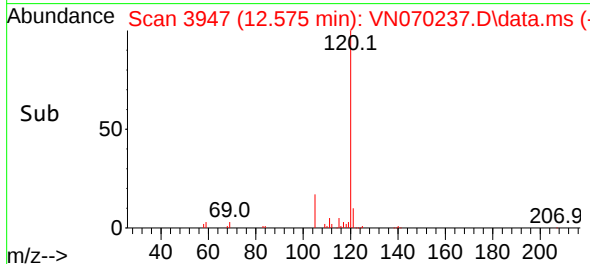
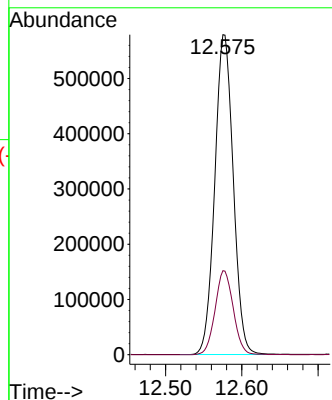
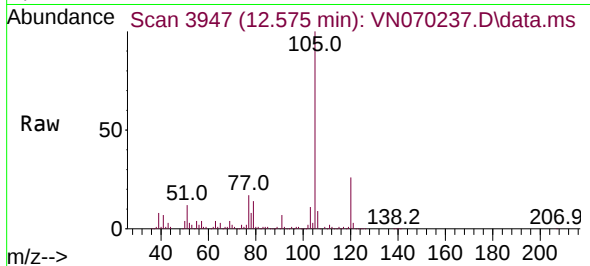




#73
Isopropylbenzene
Concen: 7.862 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.005 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

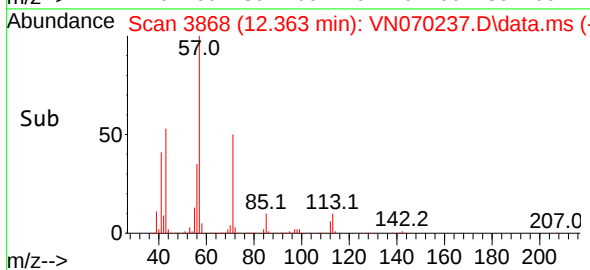
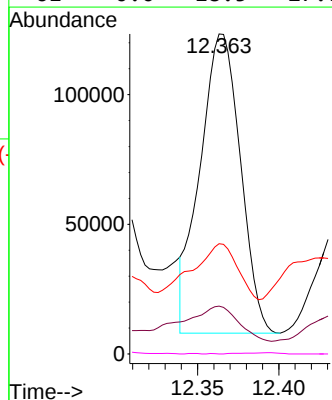
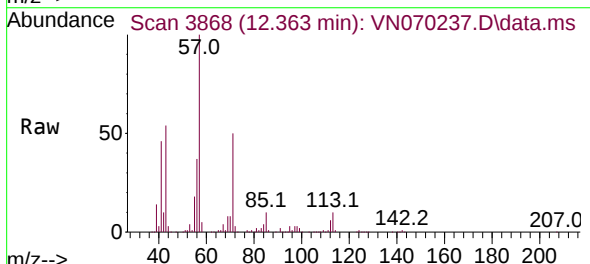
Instrument :
MSVOA_N
ClientSampleId :

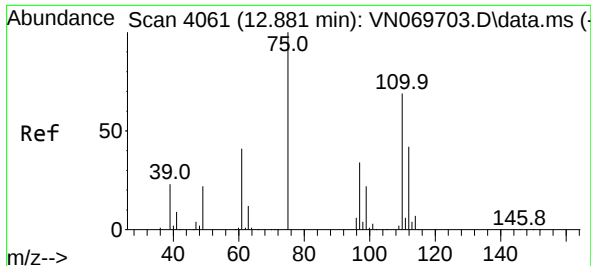
Tgt Ion:105 Resp: 974380
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 3.641 ug/l
RT: 12.363 min Scan# 3868
Delta R.T. -0.024 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 43 Resp: 199583
Ion Ratio Lower Upper
43 100
70 16.5 33.4 50.0#
55 20.6 19.3 28.9
61 0.0 18.5 27.7#

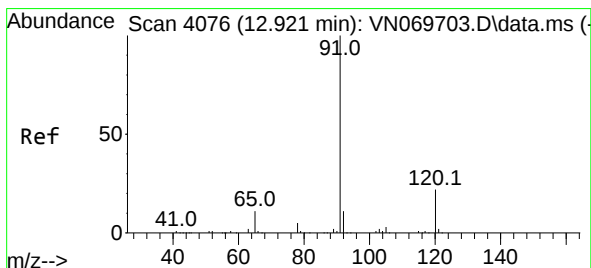
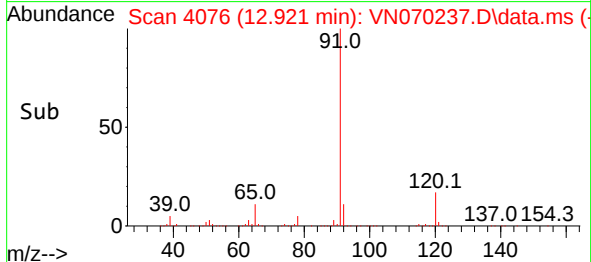
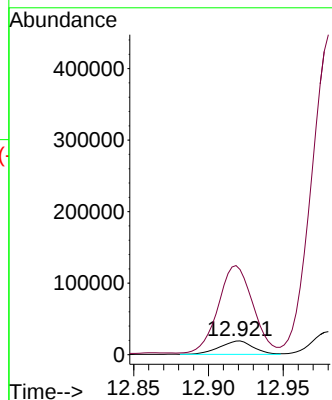
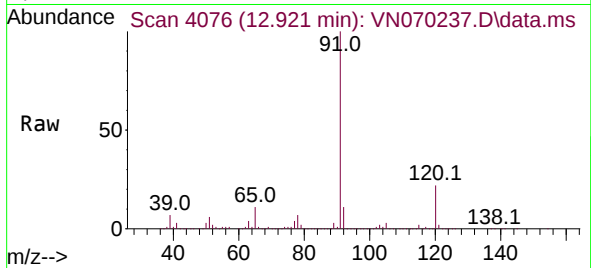




#76
1,2,3-Trichloropropane
Concen: 0.734 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

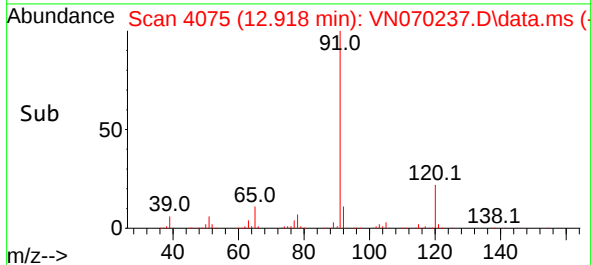
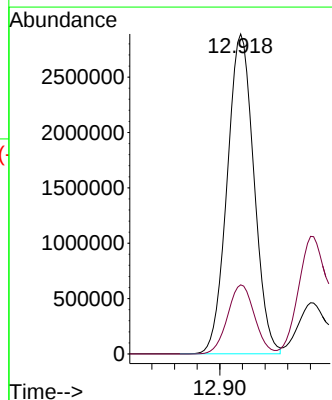
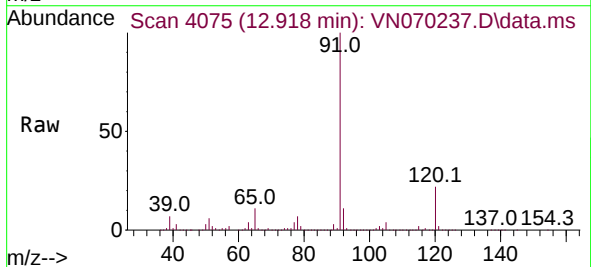
Instrument :
MSVOA_N
ClientSampleId :

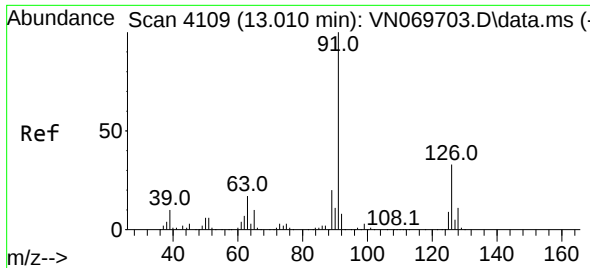
Tgt Ion: 75 Resp: 29325
Ion Ratio Lower Upper
75 100
77 672.1 82.6 247.8#



#78
n-propylbenzene
Concen: 34.289 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 91 Resp: 4729016
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

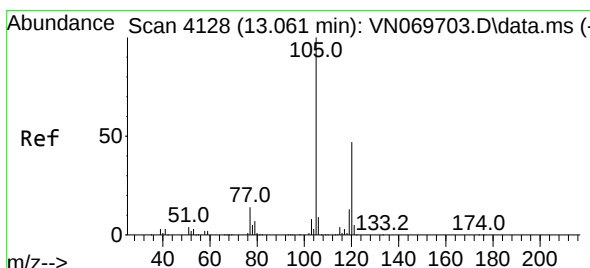
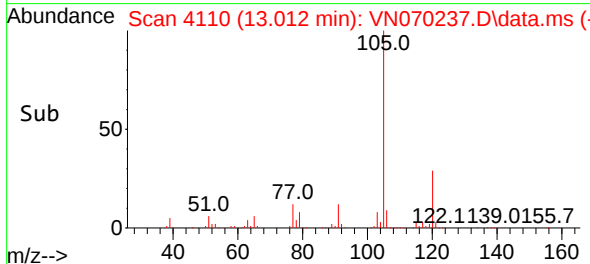
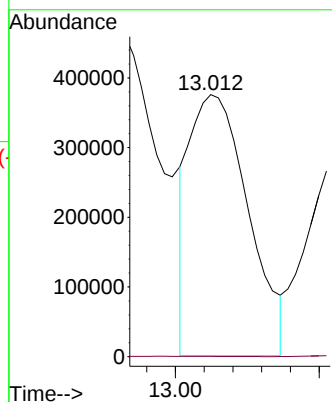
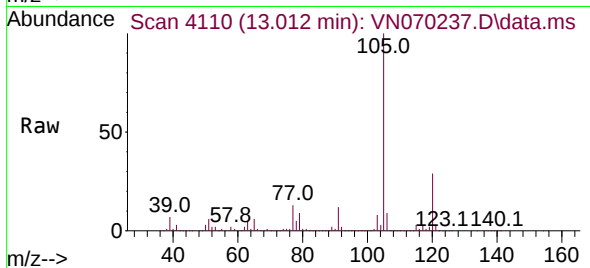




#79
2-Chlorotoluene
Concen: 6.105 ug/l
RT: 13.012 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

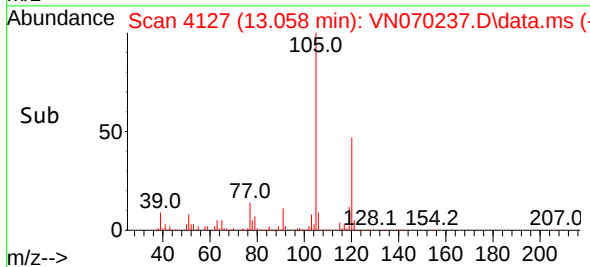
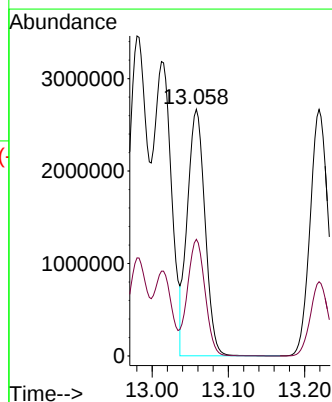
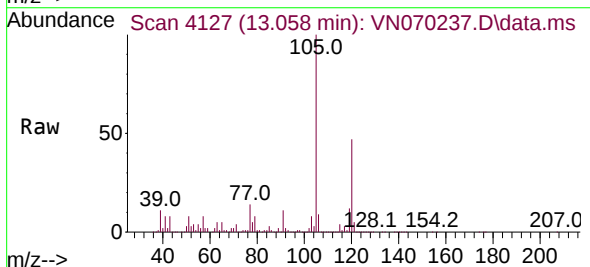
Instrument :
MSVOA_N
ClientSampleId :

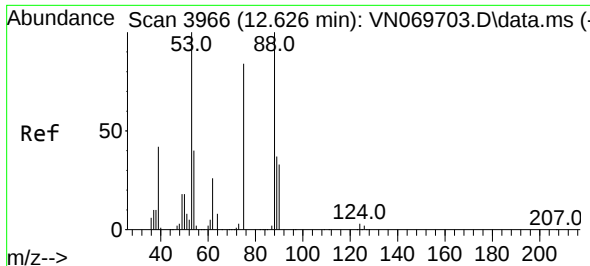
Tgt Ion: 91 Resp: 531980
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 42.948 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 105 Resp: 4284301
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6

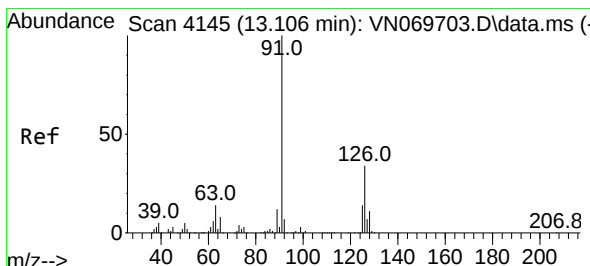
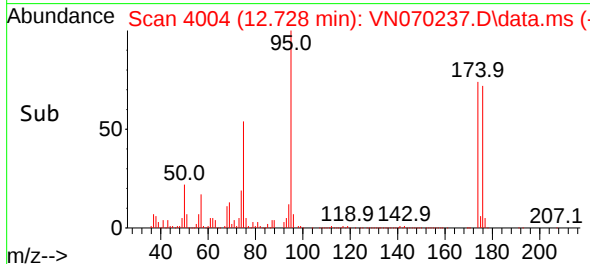
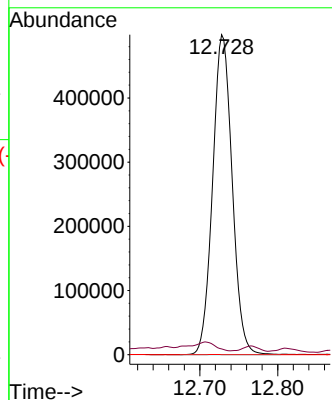
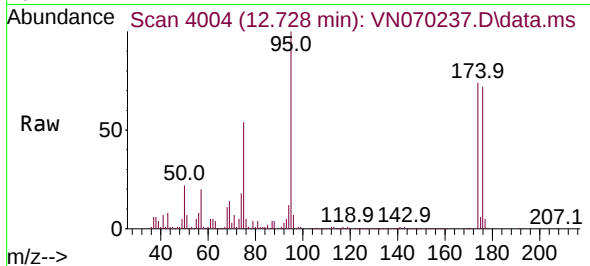




#81
trans-1,4-Dichloro-2-butene
Concen: 69.321 ug/l
RT: 12.728 min Scan# 410
Delta R.T. 0.102 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

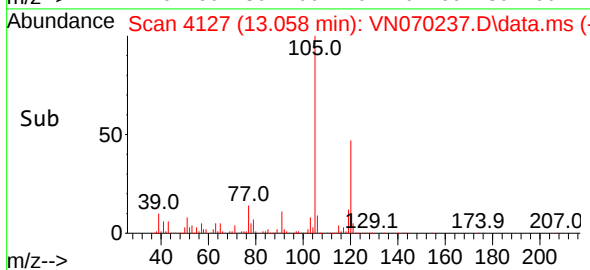
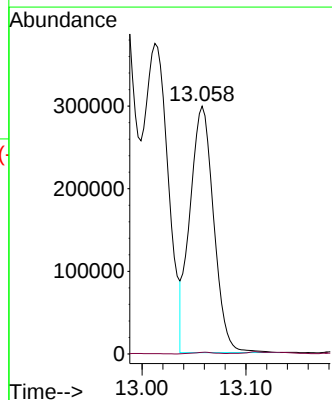
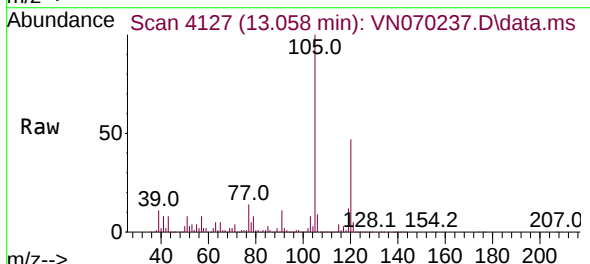
Instrument :
MSVOA_N
ClientSampleId :

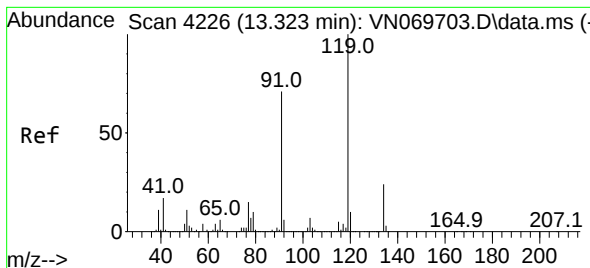
Tgt Ion: 75 Resp: 866965
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 5.785 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 91 Resp: 474087
Ion Ratio Lower Upper
91 100
126 0.7 18.2 54.6#





#83

tert-Butylbenzene

Concen: 22.270 ug/l

RT: 13.366 min Scan# 4241

Delta R.T. 0.043 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

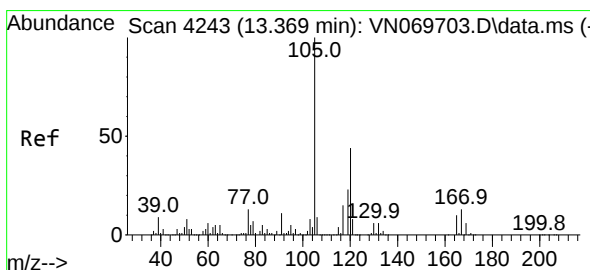
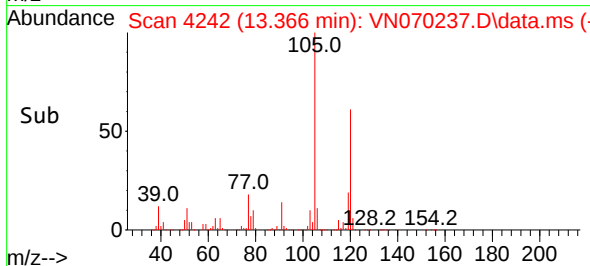
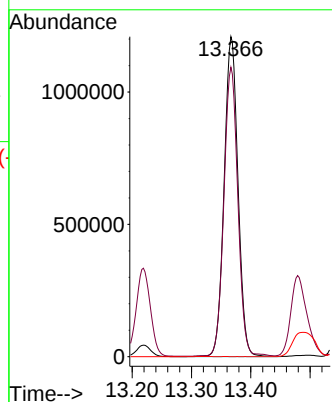
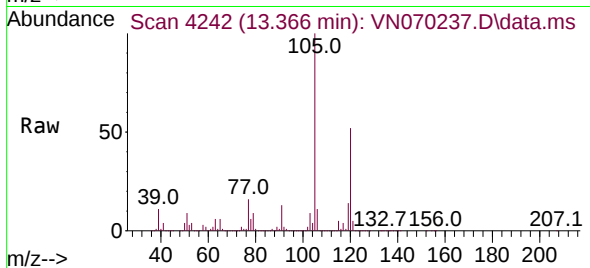
Tgt Ion:119 Resp: 1967154

Ion Ratio Lower Upper

119 100

91 91.0 31.5 94.5

134 0.0 12.4 37.4#



#84

1,2,4-Trimethylbenzene

Concen: 160.362 ug/l

RT: 13.364 min Scan# 4241

Delta R.T. -0.005 min

Lab File: VN070237.D

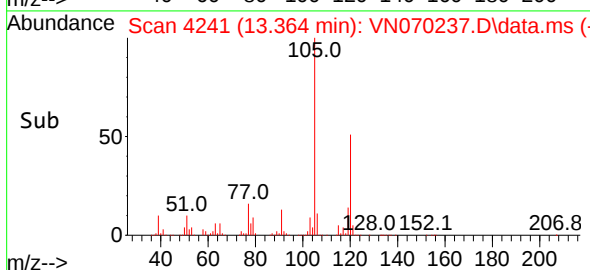
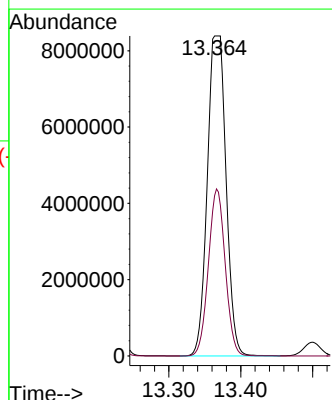
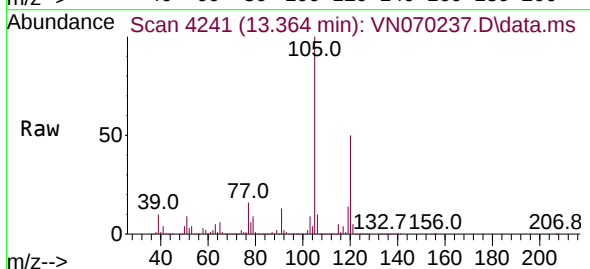
Acq: 20 Dec 2021 13:46

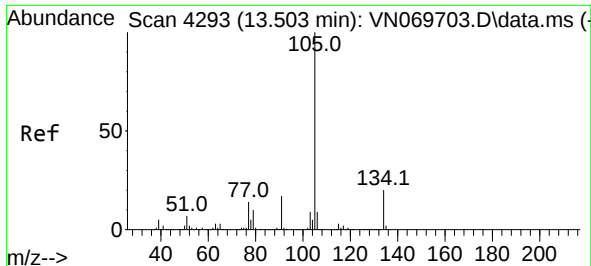
Tgt Ion:105 Resp:15234902

Ion Ratio Lower Upper

105 100

120 46.8 22.8 68.4

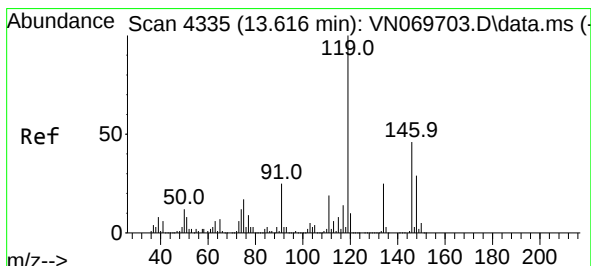
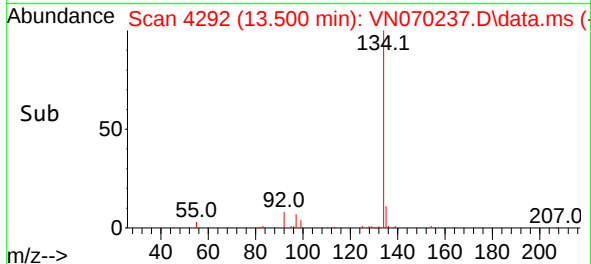
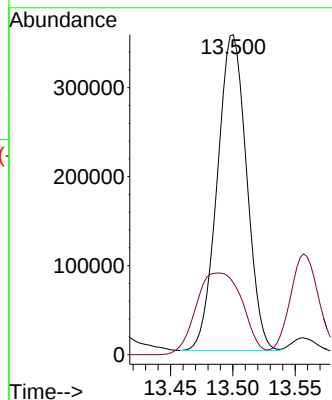
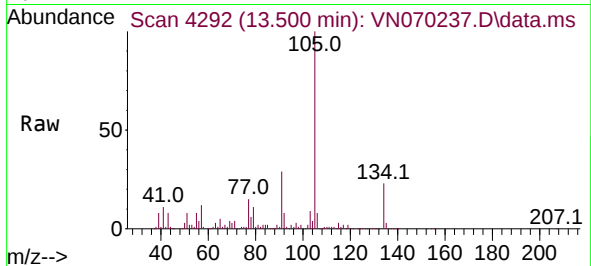




#85
 sec-Butylbenzene
 Concen: 4.841 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070237.D
 Acq: 20 Dec 2021 13:46

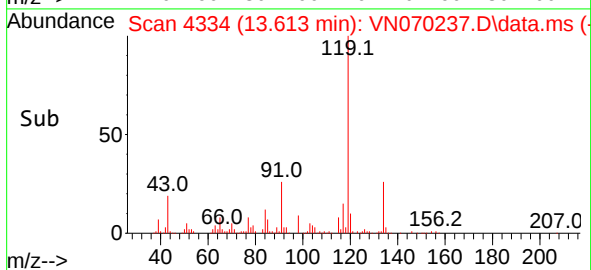
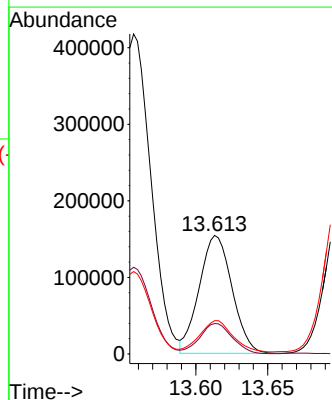
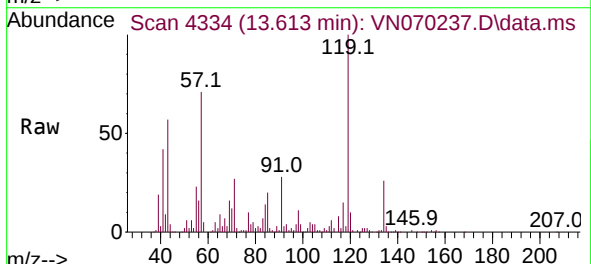
Instrument :
 MSVOA_N
 ClientSampleId :

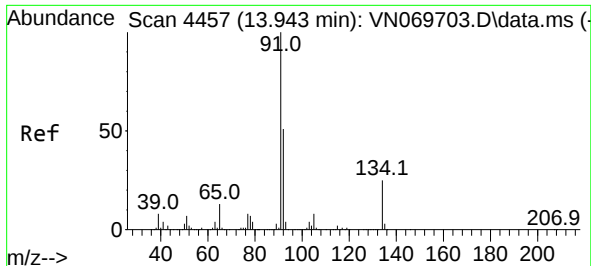
Tgt Ion:105 Resp: 580057
 Ion Ratio Lower Upper
 105 100
 134 40.9 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.610 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070237.D
 Acq: 20 Dec 2021 13:46

Tgt Ion:119 Resp: 244468
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 26.1 11.4 34.1

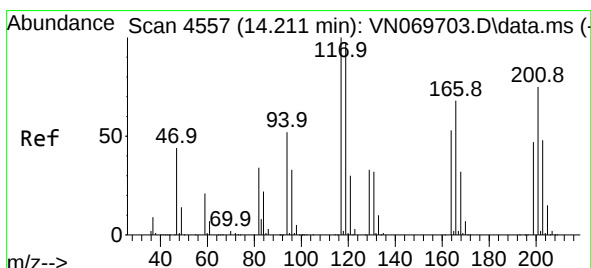
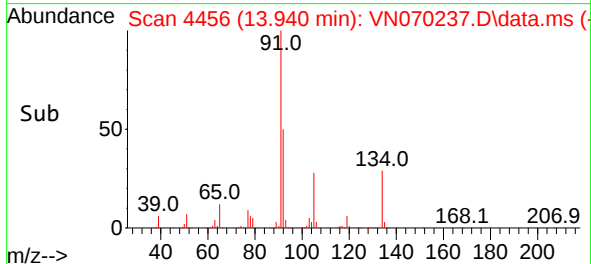
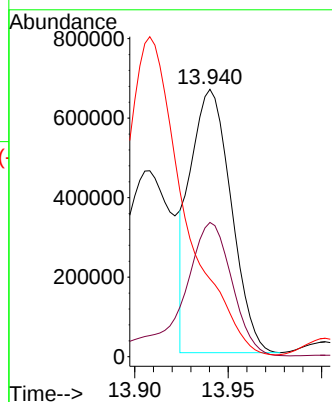
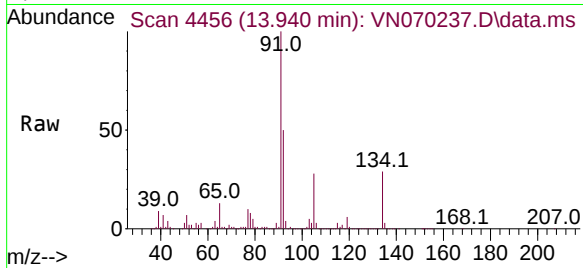




#89
n-Butylbenzene
Concen: 13.197 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

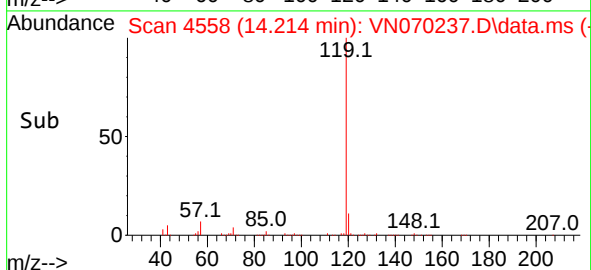
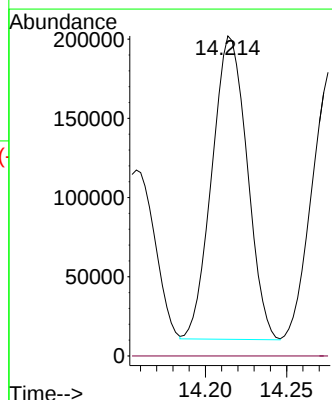
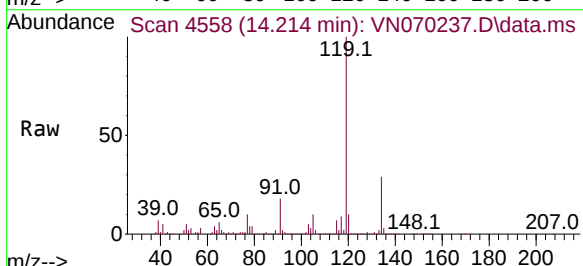
Instrument :
MSVOA_N
ClientSampleId :

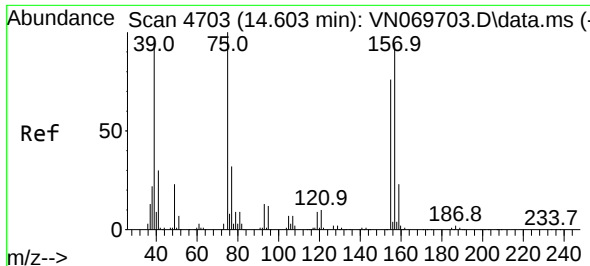
Tgt Ion: 91 Resp: 1002574
Ion Ratio Lower Upper
91 100
92 61.0 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 17.518 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion: 117 Resp: 288043
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.746 ug/l

RT: 14.624 min Scan# 41

Delta R.T. 0.021 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

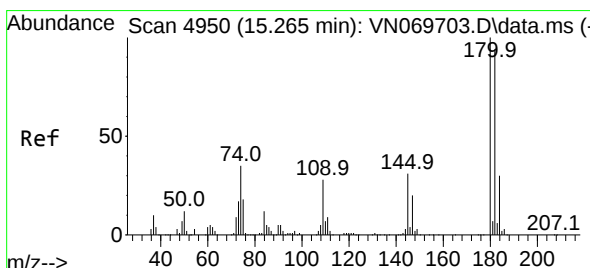
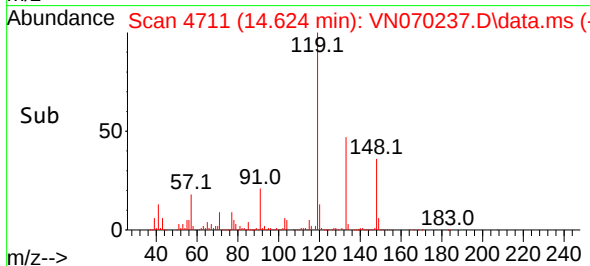
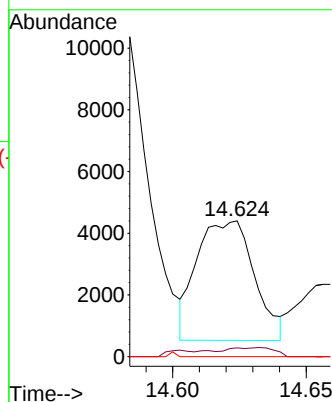
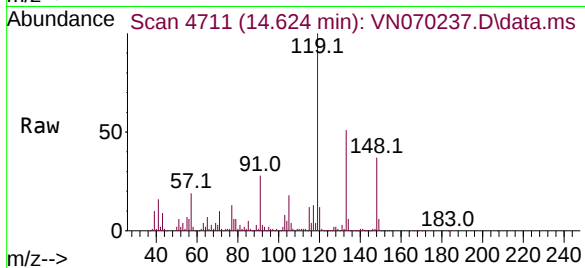
Tgt Ion: 75 Resp: 5775

Ion Ratio Lower Upper

75 100

155 6.2 46.9 140.7#

157 0.0 60.6 181.7#



#93

1,2,4-Trichlorobenzene

Concen: 3.093 ug/l

RT: 15.257 min Scan# 4947

Delta R.T. -0.008 min

Lab File: VN070237.D

Acq: 20 Dec 2021 13:46

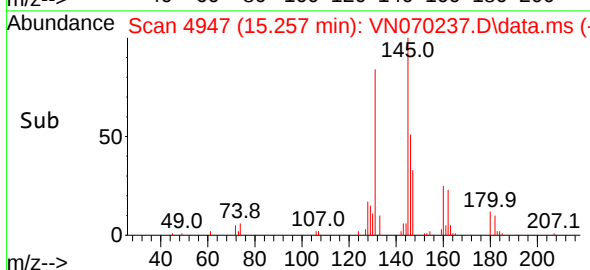
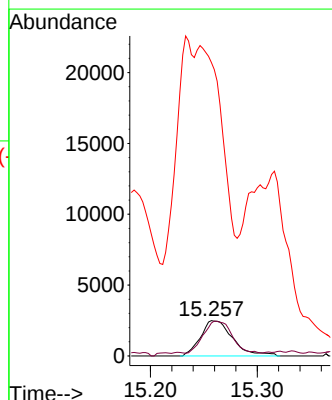
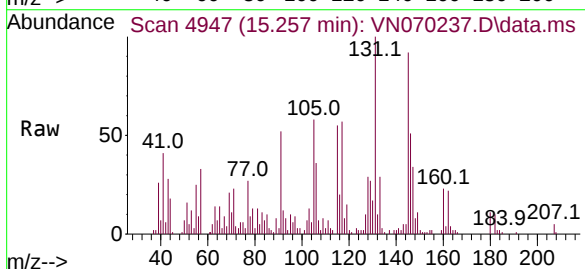
Tgt Ion: 180 Resp: 5209

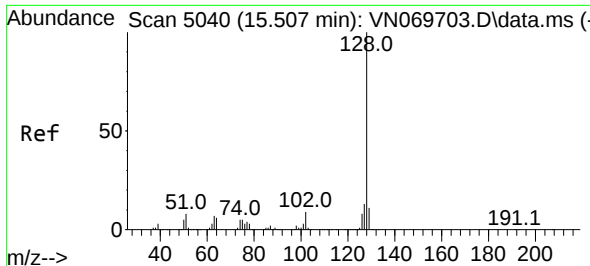
Ion Ratio Lower Upper

180 100

182 85.4 48.3 144.9

145 0.0 14.5 43.5#

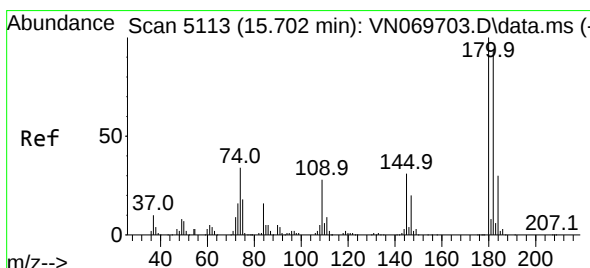
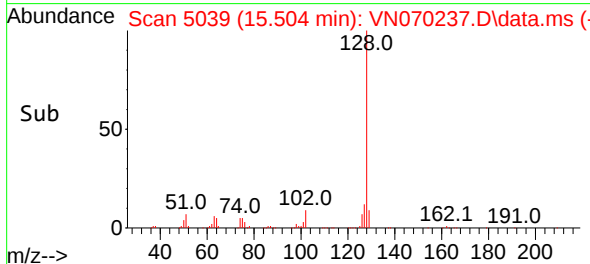
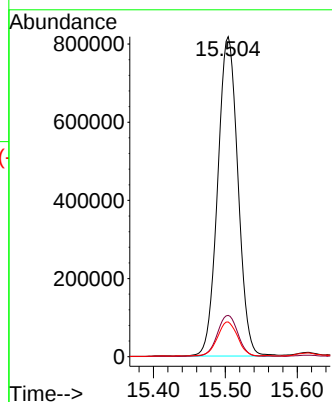
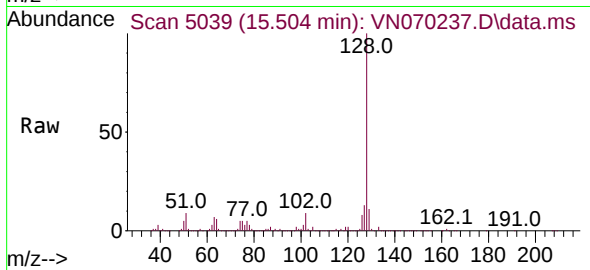




#95
Naphthalene
Concen: 25.539 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1594344
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.662 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070237.D
Acq: 20 Dec 2021 13:46

Tgt Ion:180 Resp: 5294
Ion Ratio Lower Upper
180 100
182 104.4 47.4 142.2
145 0.0 15.0 45.1#

