

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070136.D
 Acq On : 16 Dec 2021 14:31
 Operator : JC/MD
 Sample : M5011-03
 Misc : 3.72g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 15:49:10 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	1252749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2375752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2471713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1338164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	979505	50.640	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.280%
35) Dibromofluoromethane	8.016	113	644050	43.279	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.560%
50) Toluene-d8	10.441	98	3001684	50.235	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.734	95	1345416	62.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.290	50	3815	0.208	ug/l #	88
5) Bromomethane	2.808	94	2142	0.234	ug/l	95
11) Tert butyl alcohol	5.299	59	34724	9.497	ug/l #	71
14) Allyl chloride	5.012	41	16123	0.600	ug/l #	24
15) Acrylonitrile	5.557	53	2300	0.233	ug/l #	22
16) Acetone	4.310	43	20406	1.754	ug/l	93
25) 2-Butanone	7.351	43	173767	10.992	ug/l #	89
29) Tetrahydrofuran	7.700	42	6323	0.659	ug/l #	76
31) Cyclohexane	8.062	56	180789	6.716	ug/l #	61
36) 1,1-Dichloropropene	8.078	75	106922	4.728	ug/l #	49
37) Ethyl Acetate	7.351	43	173767	5.162	ug/l #	68
38) Carbon Tetrachloride	8.080	117	129312	5.831	ug/l #	16
39) Methylcyclohexane	9.454	83	292121	10.859	ug/l #	70
43) Isopropyl Acetate	8.544	43	51138	1.027	ug/l #	55
47) Bromodichloromethane	9.746	83	21270	0.923	ug/l #	28
48) Methyl methacrylate	9.588	41	74416	3.201	ug/l #	23
51) 4-Methyl-2-Pentanone	10.368	43	413323	12.790	ug/l #	78
53) t-1,3-Dichloropropene	10.727	75	315	2.805	ug/l #	1
54) cis-1,3-Dichloropropene	10.205	75	81	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	144353	8.477	ug/l #	40
56) Ethyl methacrylate	10.781	69	8571	2.534	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.006	63	854	18.480	ug/l #	45
59) 2-Hexanone	11.052	43	171072	6.998	ug/l #	29
60) Dibromochloromethane	11.041	129	182	2.386	ug/l	89
67) Ethyl Benzene	11.846	91	2366379	25.980	ug/l	96
68) m/p-Xylenes	11.953	106	2278013	68.688	ug/l	91
69) o-Xylene	12.280	106	130017	3.892	ug/l	89
71) Bromoform	12.661	173	83	2.736	ug/l #	29
73) Isopropylbenzene	12.581	105	486130	4.083	ug/l	98
74) N-amyl acetate	12.366	43	145559	2.765	ug/l #	61
76) 1,2,3-Trichloropropane	12.986	75	66096	1.722	ug/l #	1
78) n-propylbenzene	12.921	91	2619870	19.775	ug/l	95
79) 2-Chlorotoluene	12.983	91	802530	9.587	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.061	105	3386868	35.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.734	75	741470	62.162	ug/l #	5
82) 4-Chlorotoluene	13.058	91	372353	4.730	ug/l #	39

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

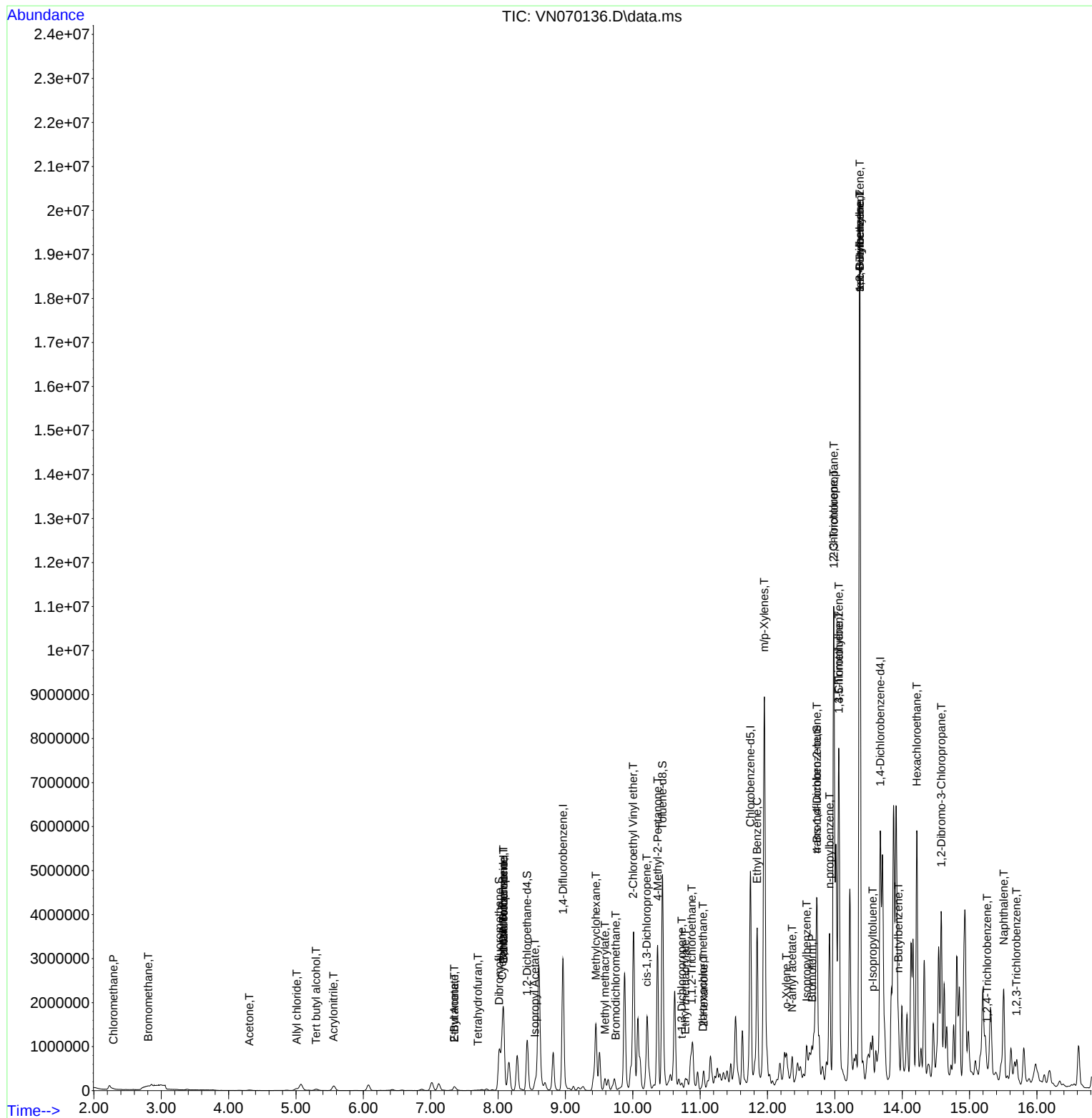
83) tert-Butylbenzene	13.369	119	1364431	16.080	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.369	105	11253274	123.306	ug/l	98
85) sec-Butylbenzene	13.369	105	11253274	97.773	ug/l #	56
86) p-Isopropyltoluene	13.560	119	399848	4.444	ug/l	98
89) n-Butylbenzene	13.943	91	571528	7.831	ug/l #	65
90) Hexachloroethane	14.217	117	276131	17.482	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	15315	2.059	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	2480	2.984	ug/l #	81
95) Naphthalene	15.507	128	1715397	28.125	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	2979	2.568	ug/l #	1

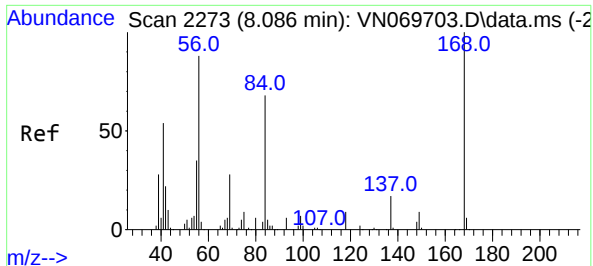
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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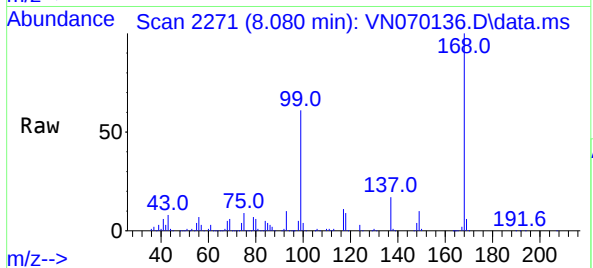
Quant Time: Dec 16 15:49:10 2021
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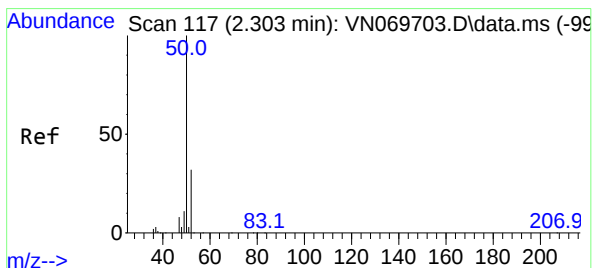
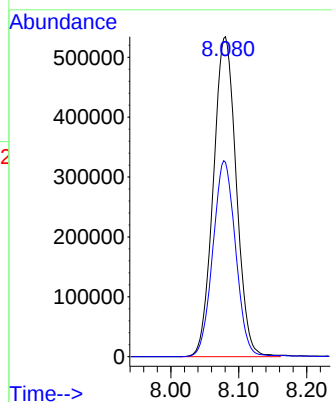
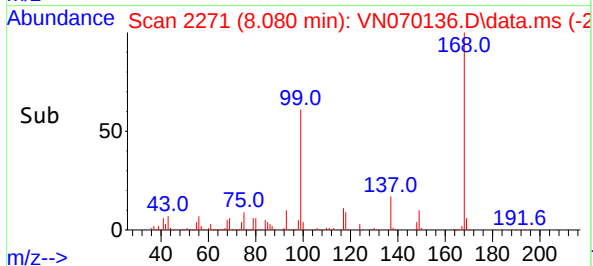


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

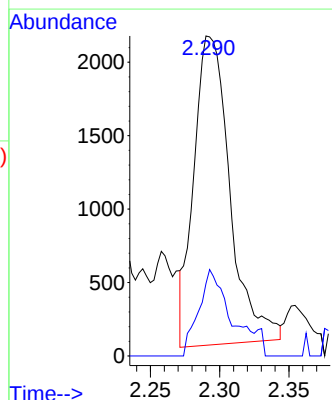
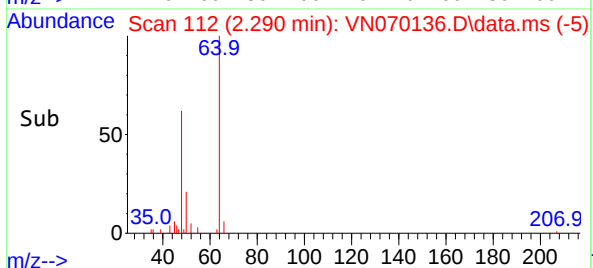
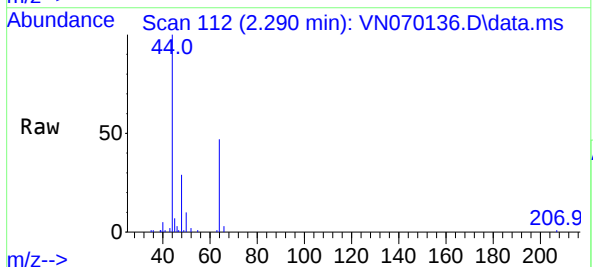


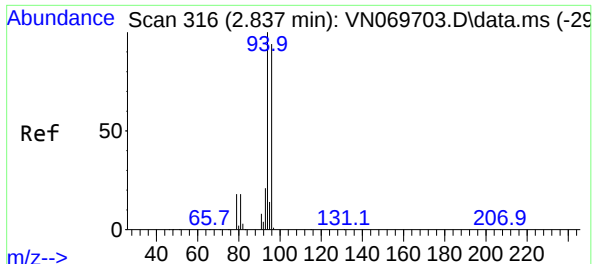
Tgt Ion:168 Resp: 1252749
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.290 min Scan# 112
Delta R.T. -0.013 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 50 Resp: 3815
Ion Ratio Lower Upper
50 100
52 25.0 25.4 38.0#

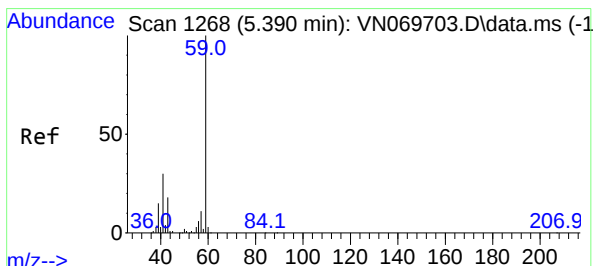
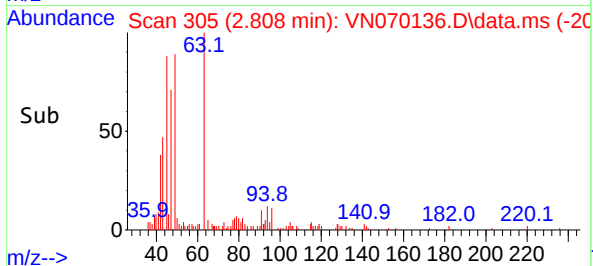
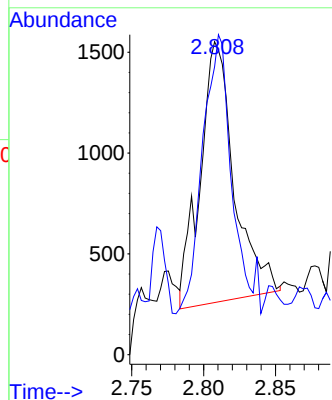
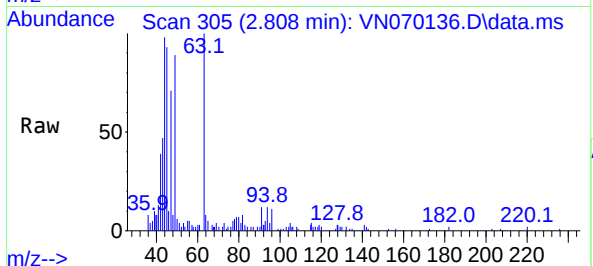




#5
Bromomethane
Concen: 0.234 ug/l
RT: 2.808 min Scan# 30
Delta R.T. -0.029 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

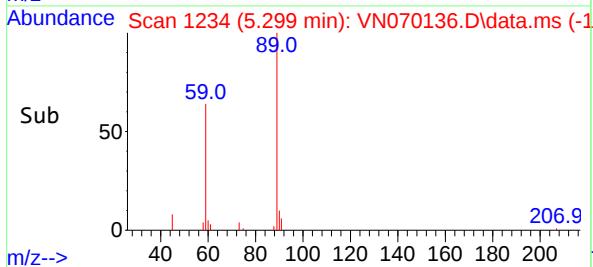
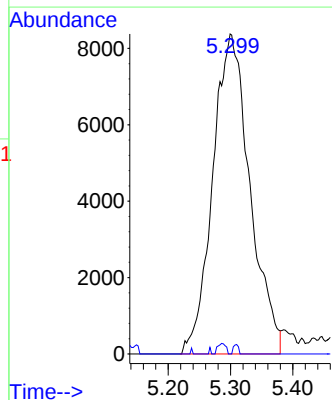
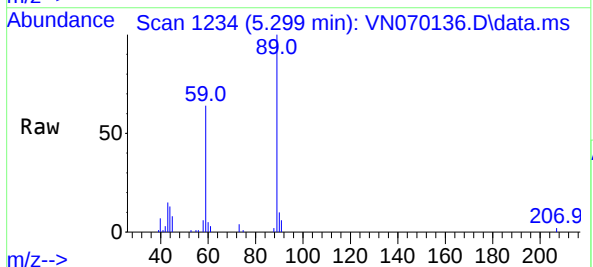
Instrument :
MSVOA_N
ClientSampleId :

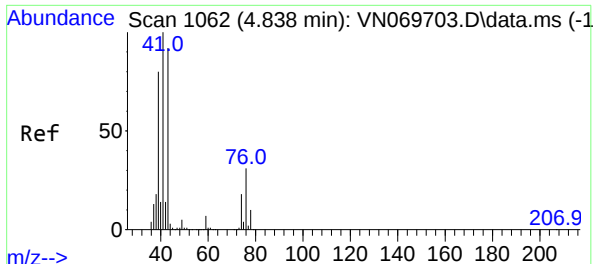
Tgt Ion: 94 Resp: 2142
Ion Ratio Lower Upper
94 100
96 97.1 73.8 110.8



#11
Tert butyl alcohol
Concen: 9.497 ug/l
RT: 5.299 min Scan# 1234
Delta R.T. -0.091 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 59 Resp: 34724
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#14

Allyl chloride

Concen: 0.600 ug/l

RT: 5.012 min Scan# 1127

Delta R.T. 0.175 min

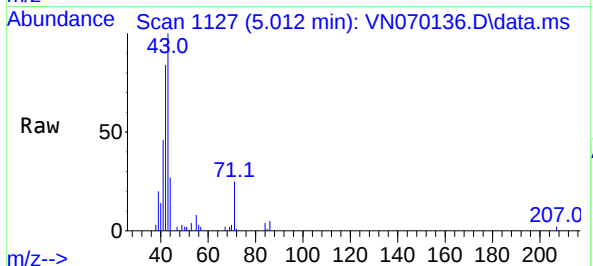
Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_N

ClientSampleId :



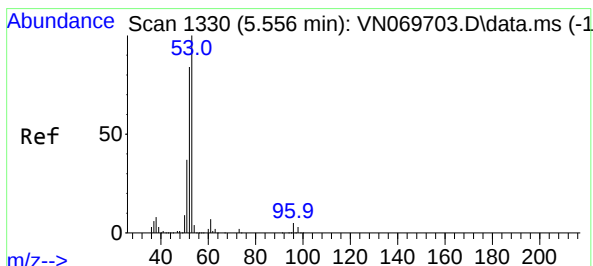
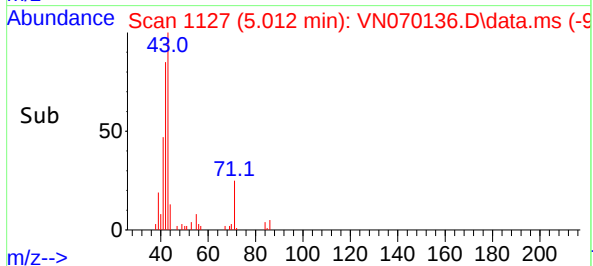
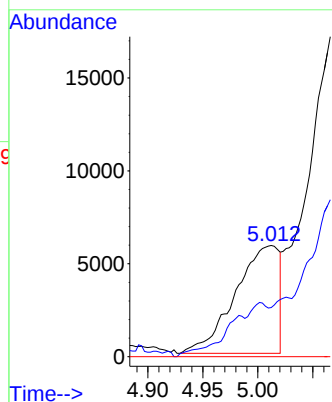
Tgt Ion: 41 Resp: 16123

Ion Ratio Lower Upper

41 100

39 4.4 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 5.557 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

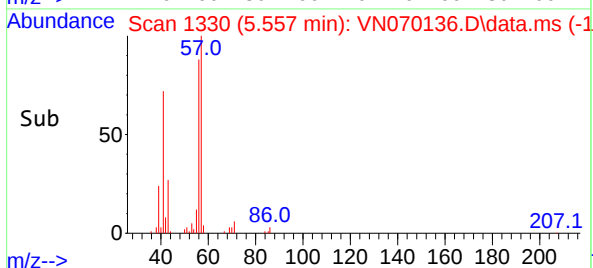
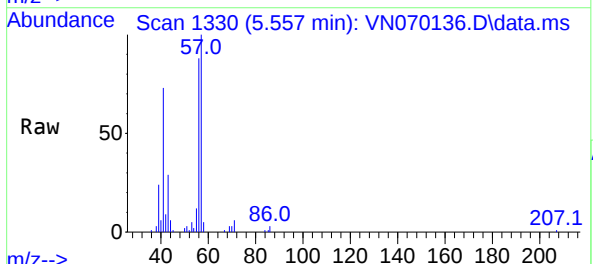
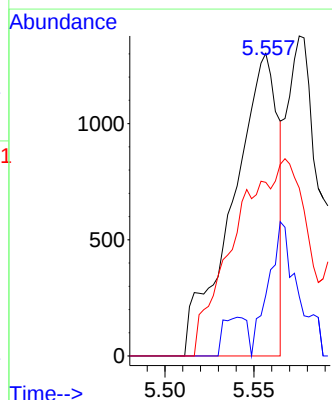
Tgt Ion: 53 Resp: 2300

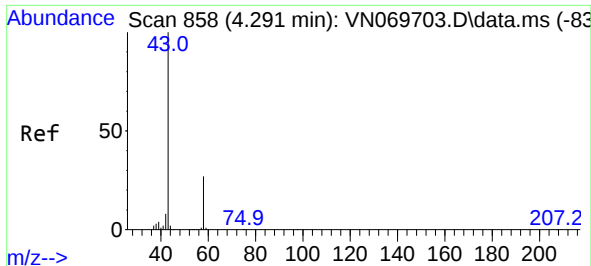
Ion Ratio Lower Upper

53 100

52 6.7 66.2 99.2#

51 0.0 29.6 44.4#

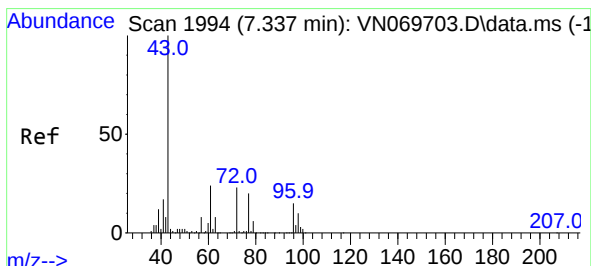
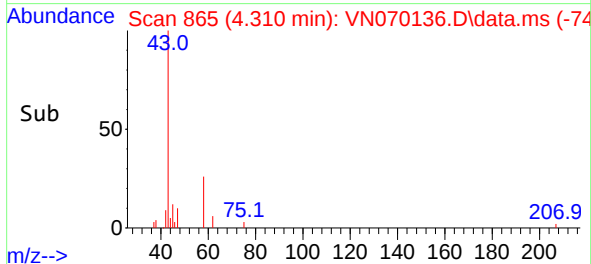
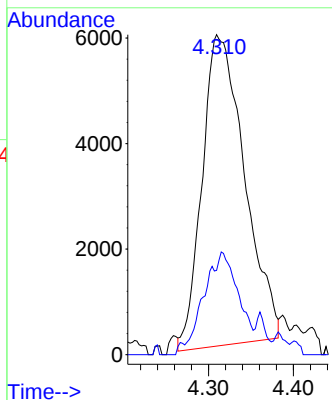
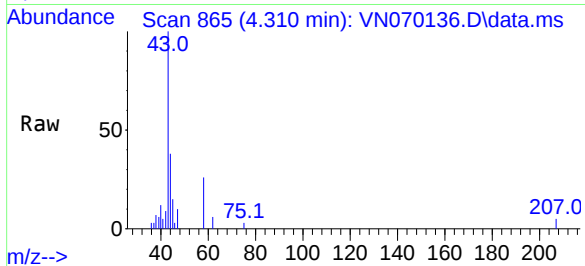




#16
Acetone
Concen: 1.754 ug/l
RT: 4.310 min Scan# 80
Delta R.T. 0.019 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

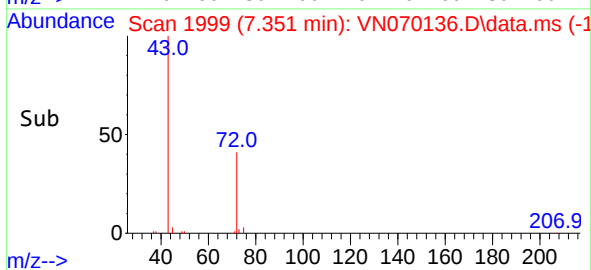
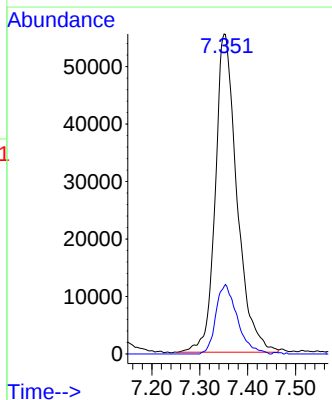
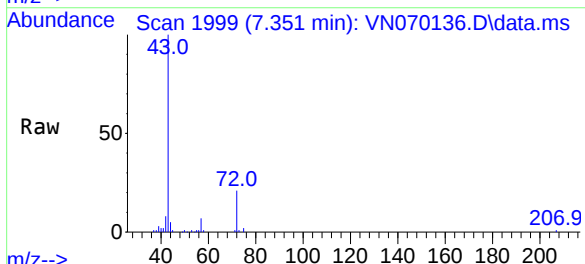
Instrument :
MSVOA_N
ClientSampleId :

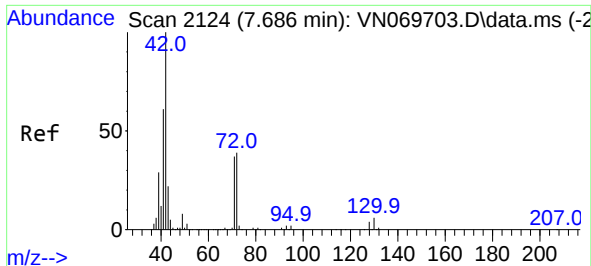
Tgt Ion: 43 Resp: 20406
Ion Ratio Lower Upper
43 100
58 25.2 23.1 34.7



#25
2-Butanone
Concen: 10.992 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

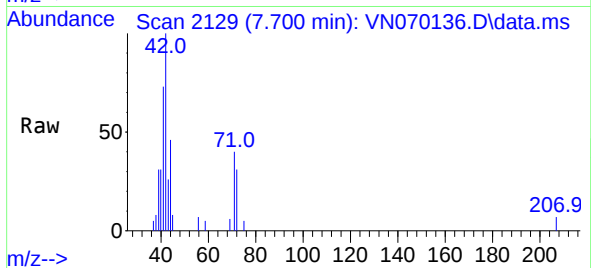
Tgt Ion: 43 Resp: 173767
Ion Ratio Lower Upper
43 100
72 21.2 21.7 32.5#



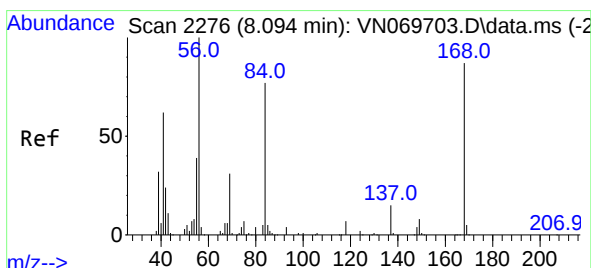
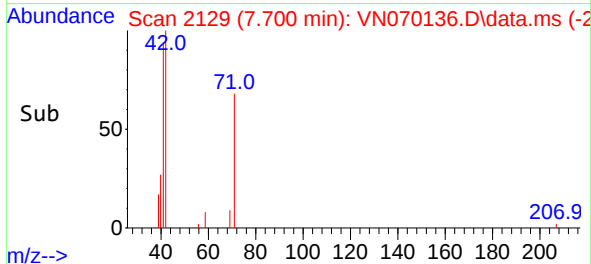
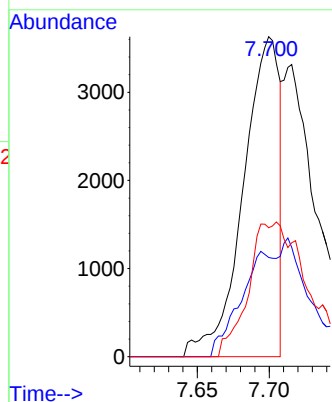


#29
Tetrahydrofuran
Concen: 0.659 ug/l
RT: 7.700 min Scan# 2124
Delta R.T. 0.014 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

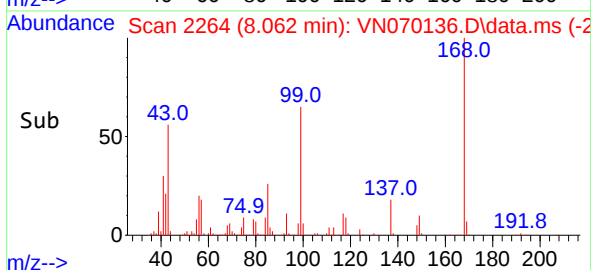
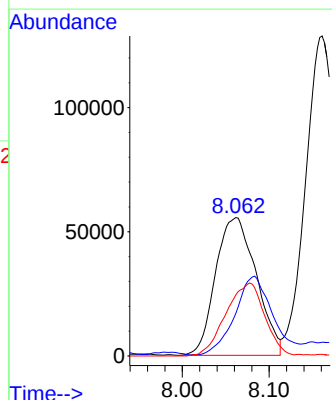
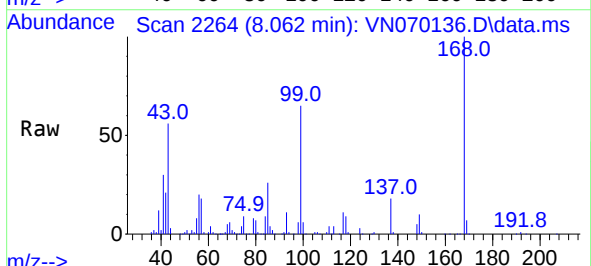


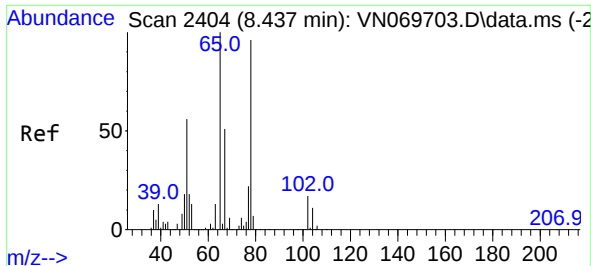
Tgt Ion: 42 Resp: 6323
Ion Ratio Lower Upper
42 100
72 32.0 36.3 54.5#
71 25.6 34.7 52.1#



#31
Cyclohexane
Concen: 6.716 ug/l
RT: 8.062 min Scan# 2264
Delta R.T. -0.032 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 56 Resp: 180789
Ion Ratio Lower Upper
56 100
69 29.1 27.1 40.7
84 44.3 73.4 110.0#

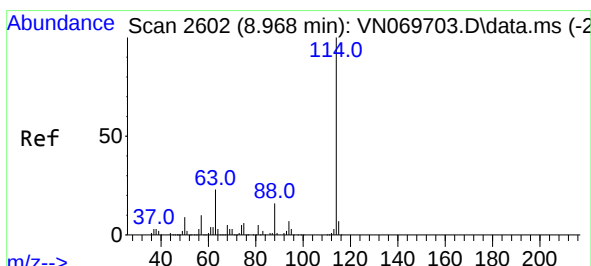
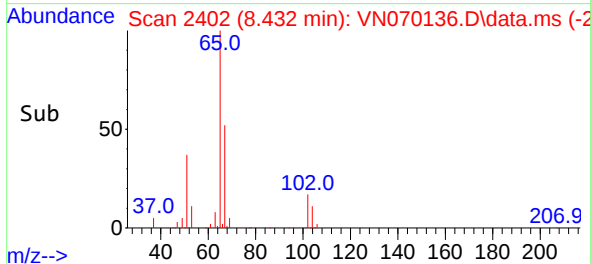
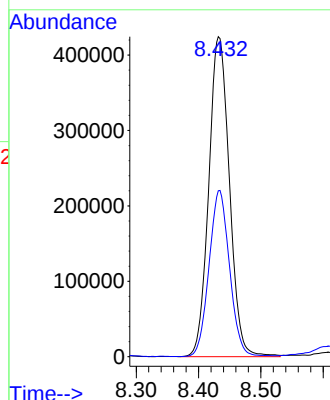
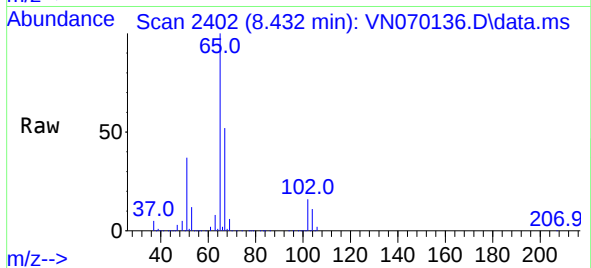




#33
1,2-Dichloroethane-d4
Concen: 50.640 ug/l
RT: 8.432 min Scan# 24
Delta R.T. -0.005 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

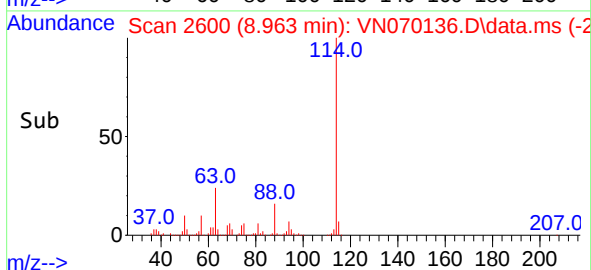
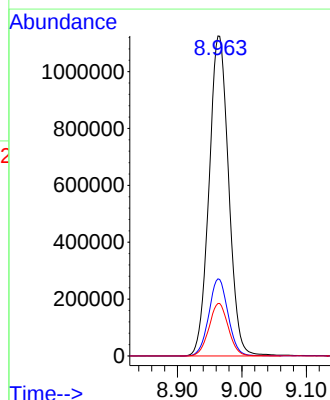
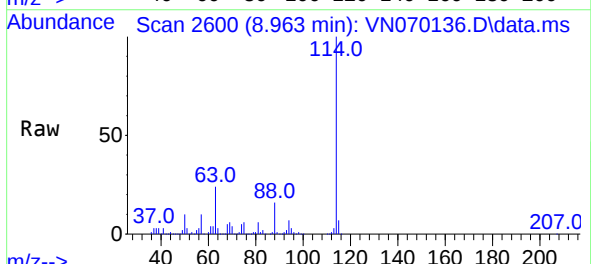
Instrument :
MSVOA_N
ClientSampleId :

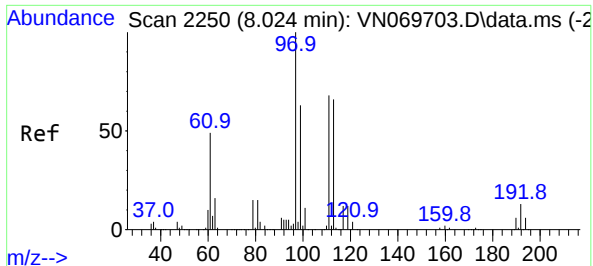
Tgt Ion: 65 Resp: 979505
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

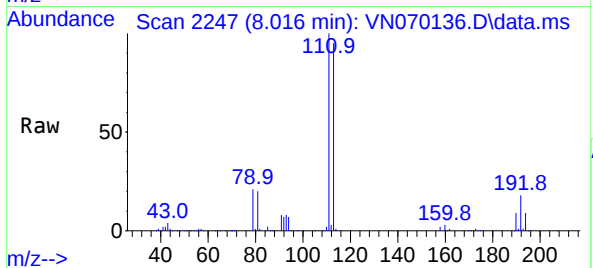
Tgt Ion:114 Resp: 2375752
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.4 0.0 27.4



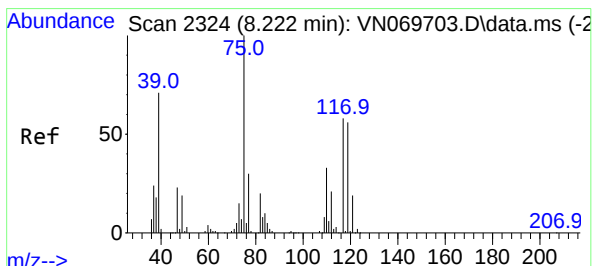
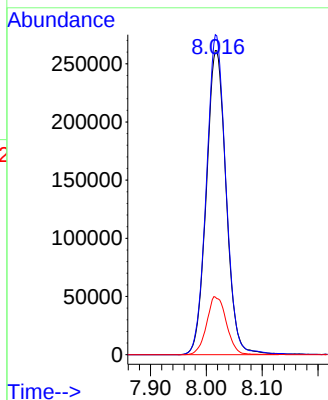
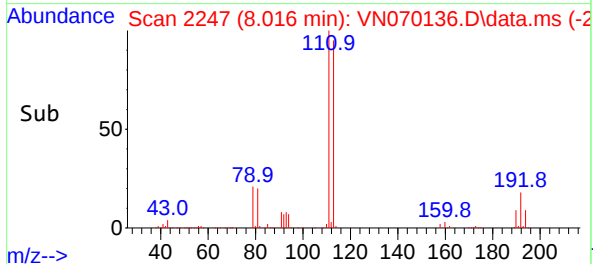


#35
Dibromofluoromethane
Concen: 43.279 ug/l
RT: 8.016 min Scan# 211
Delta R.T. -0.008 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

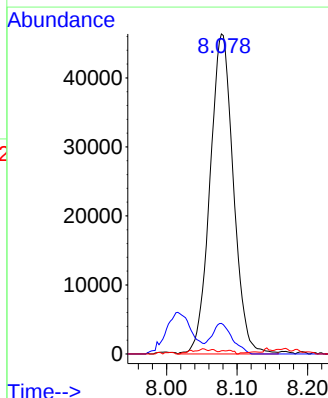
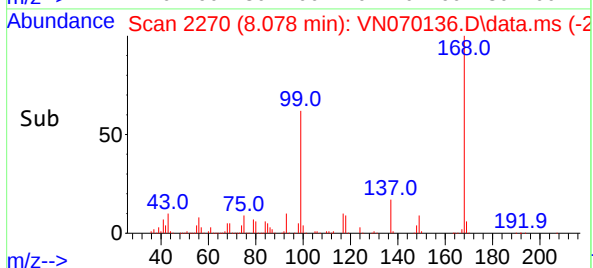
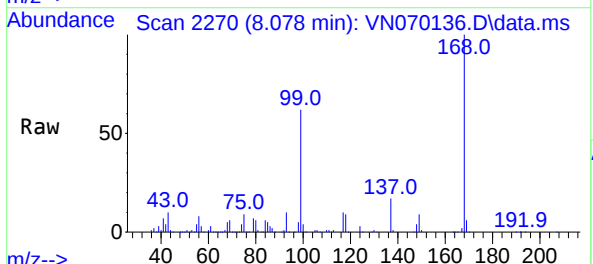


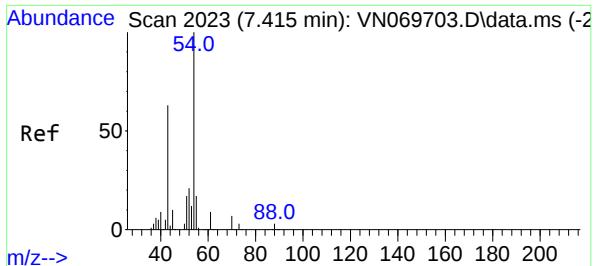
Tgt Ion:113 Resp: 644050
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

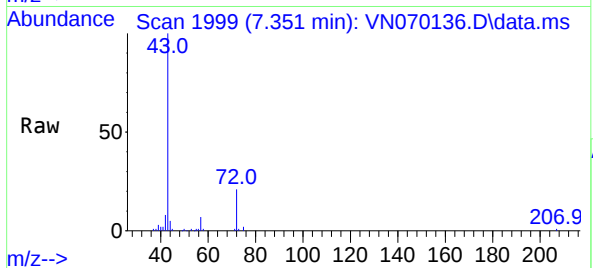
Tgt Ion: 75 Resp: 106922
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.6 24.4 36.6#



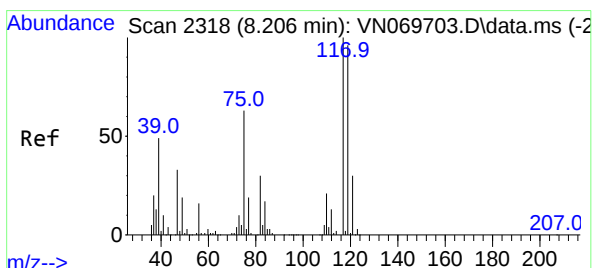
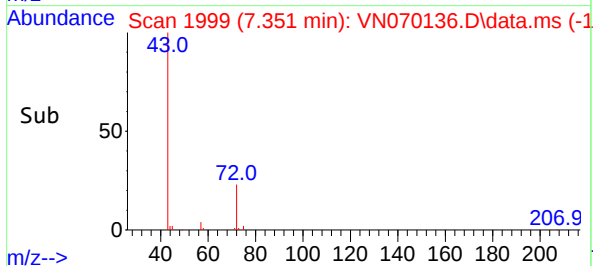
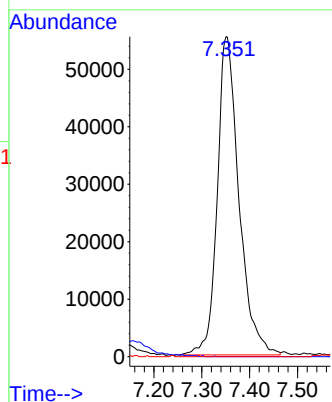


#37
Ethyl Acetate
Concen: 5.162 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.064 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

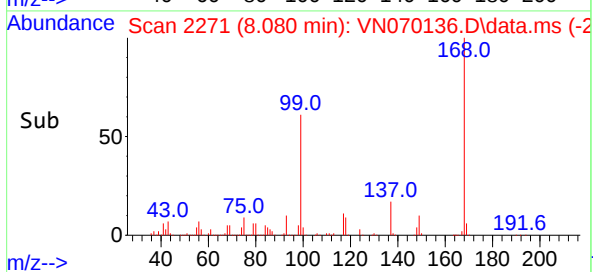
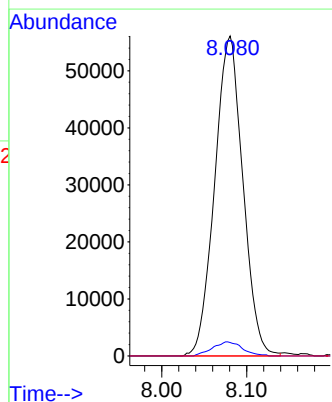
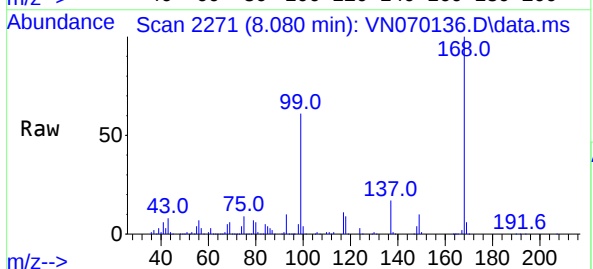


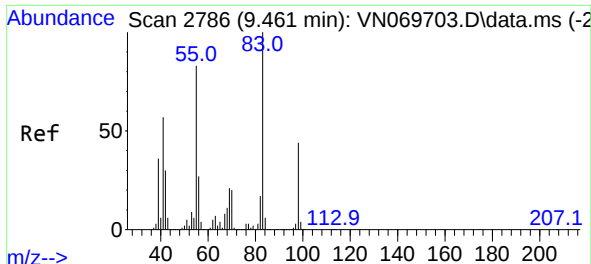
Tgt Ion: 43 Resp: 173767
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 117 Resp: 129312
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 10.859 ug/l

RT: 9.454 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_N

ClientSampleId :

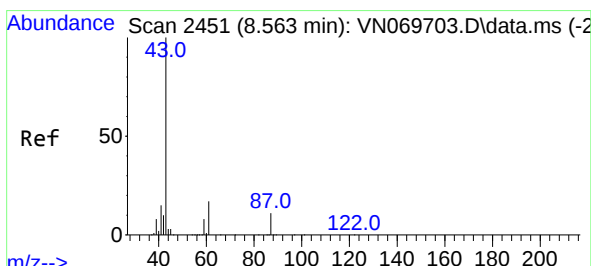
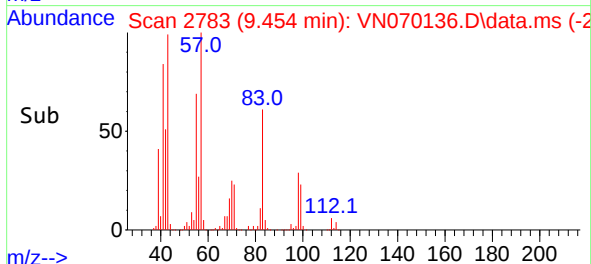
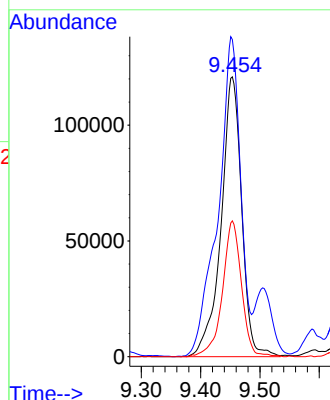
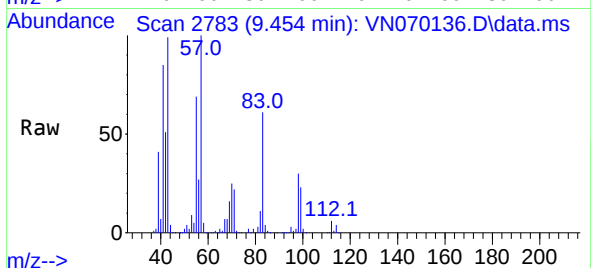
Tgt Ion: 83 Resp: 292121

Ion Ratio Lower Upper

83 100

55 113.2 58.1 87.1#

98 48.6 38.4 57.6



#43

Isopropyl Acetate

Concen: 1.027 ug/l

RT: 8.544 min Scan# 2444

Delta R.T. -0.019 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

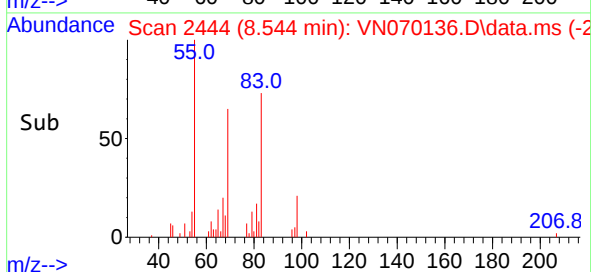
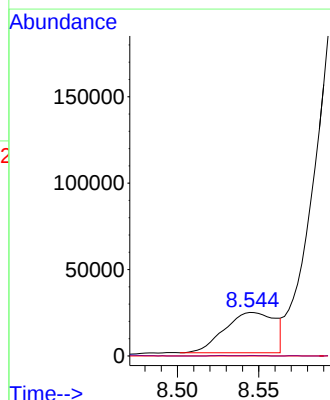
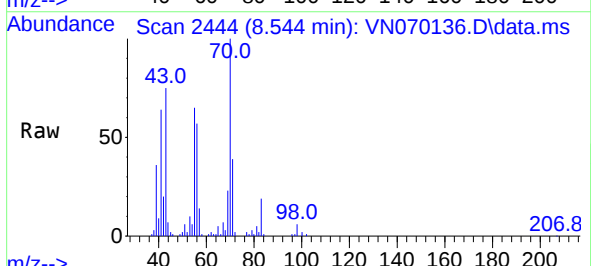
Tgt Ion: 43 Resp: 51138

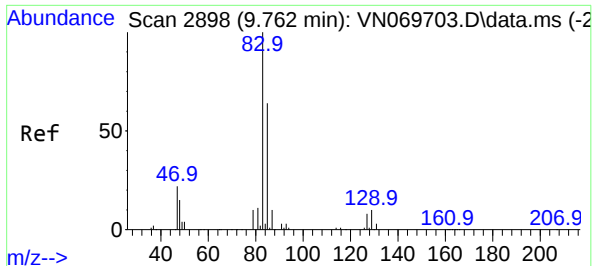
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

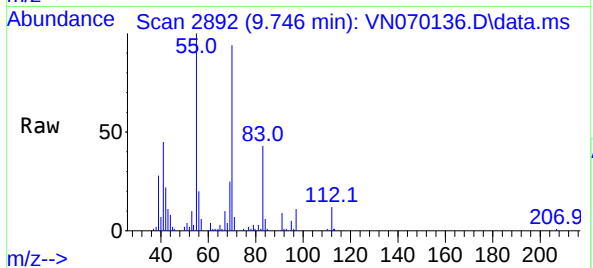
87 0.0 11.2 16.8#



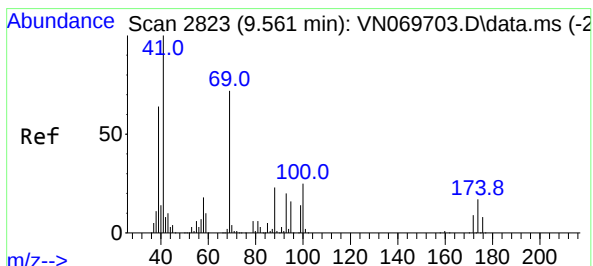
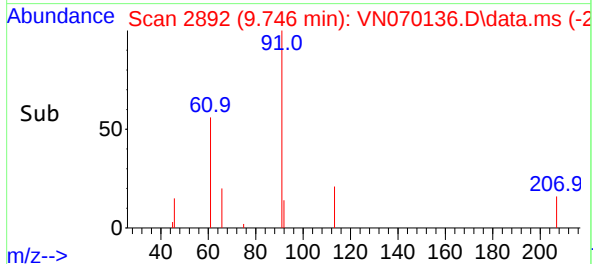
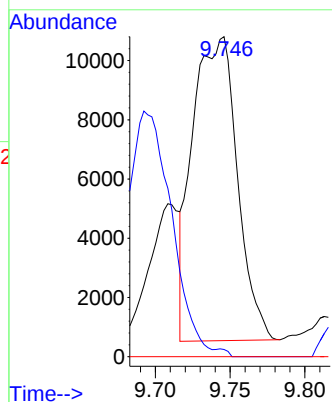


#47
Bromodichloromethane
Concen: 0.923 ug/l
RT: 9.746 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

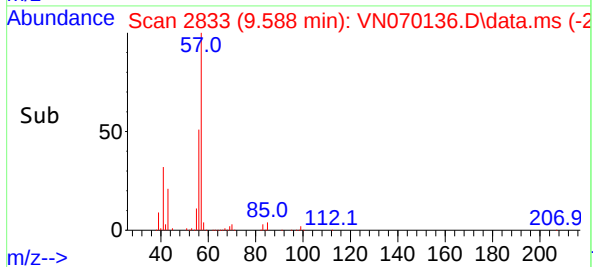
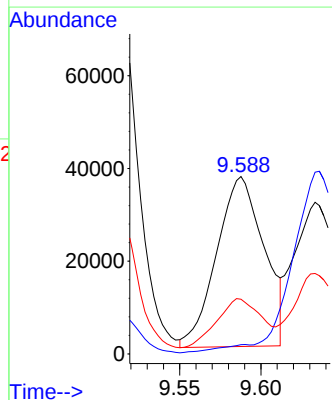
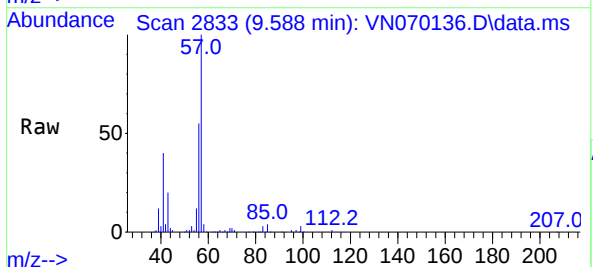


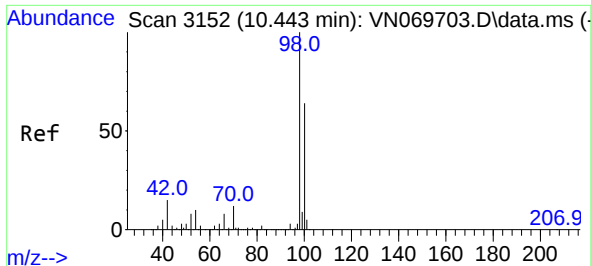
Tgt Ion: 83 Resp: 21270
Ion Ratio Lower Upper
83 100
85 2.4 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.201 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.027 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 41 Resp: 74416
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 27.4 58.4 87.6#

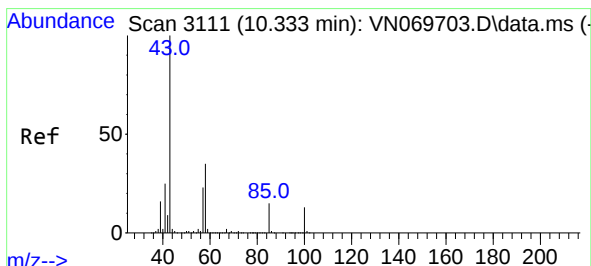
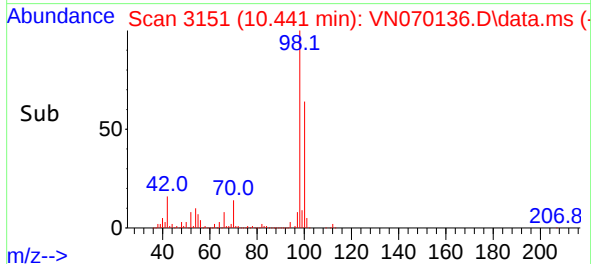
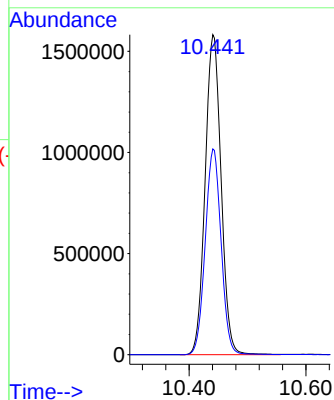
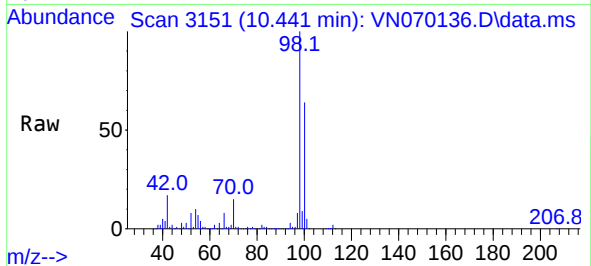




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

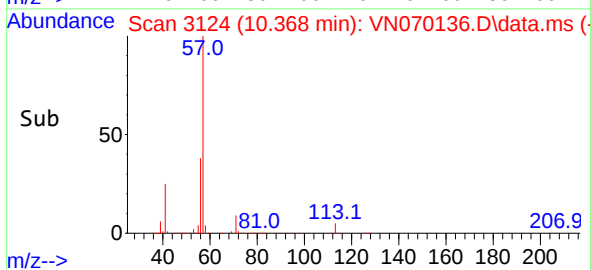
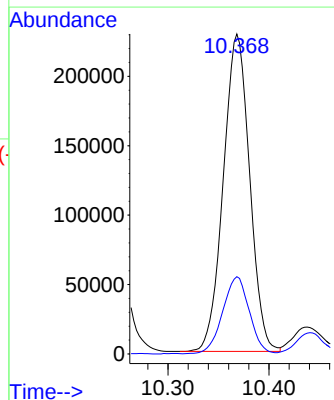
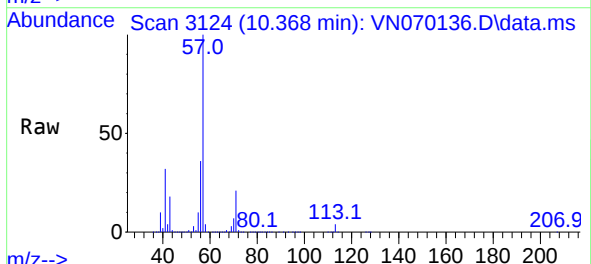
Instrument :
MSVOA_N
ClientSampleId :

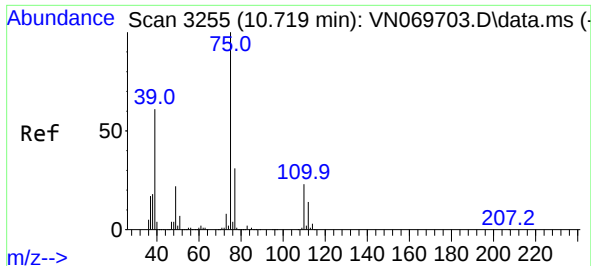
Tgt Ion: 98 Resp: 3001684
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 12.790 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.035 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 43 Resp: 413323
Ion Ratio Lower Upper
43 100
58 24.5 30.4 45.6#

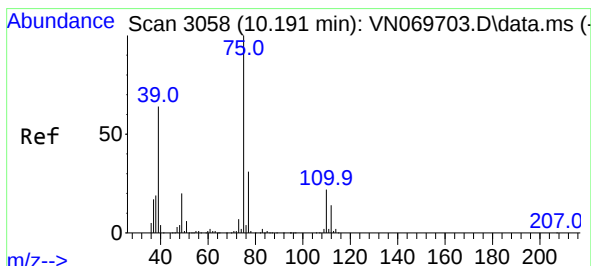
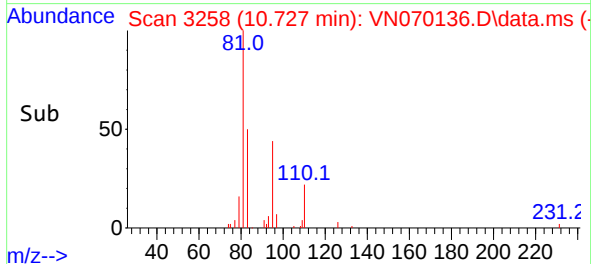
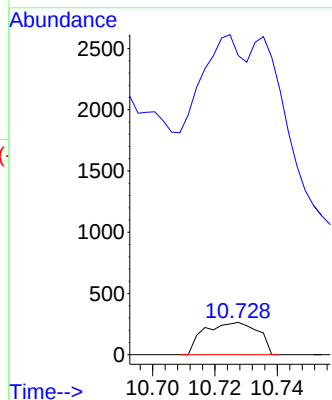
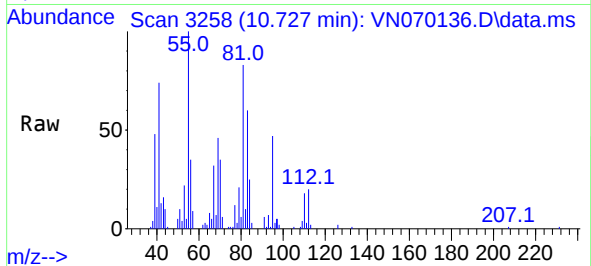




#53
t-1,3-Dichloropropene
Concen: 2.805 ug/l
RT: 10.727 min Scan# 315
Delta R.T. 0.008 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

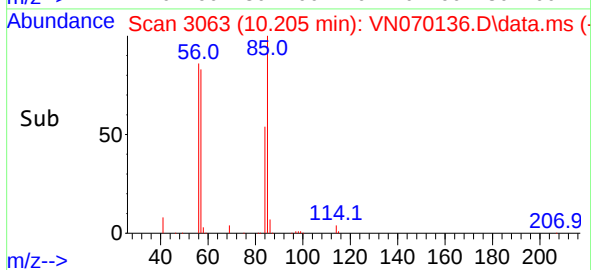
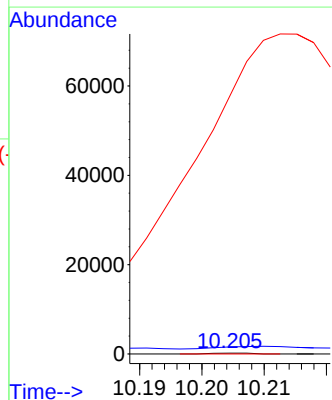
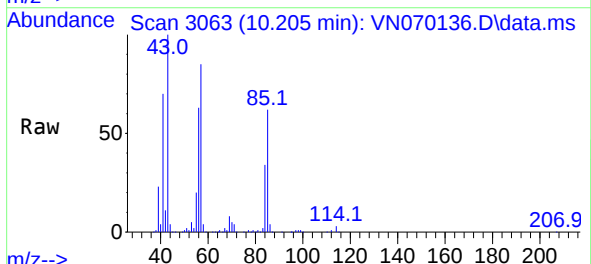
Instrument :
MSVOA_N
ClientSampleId :

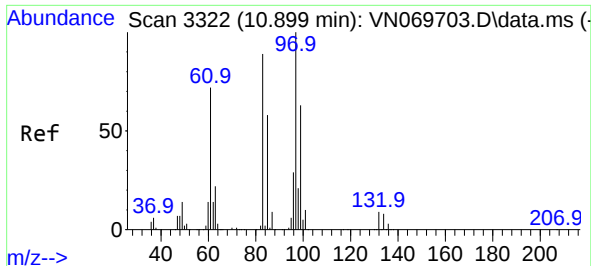
Tgt Ion: 75 Resp: 315
Ion Ratio Lower Upper
75 100
77 238.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.205 min Scan# 3063
Delta R.T. 0.014 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

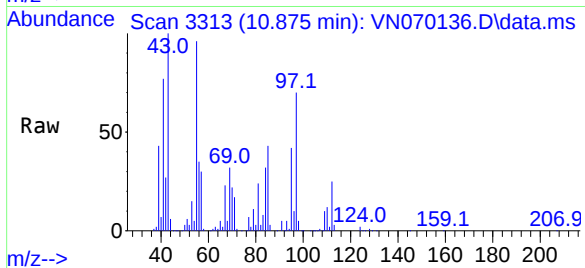
Tgt Ion: 75 Resp: 81
Ion Ratio Lower Upper
75 100
77 243.3 26.4 39.6#
39 10665.2 42.5 63.7#



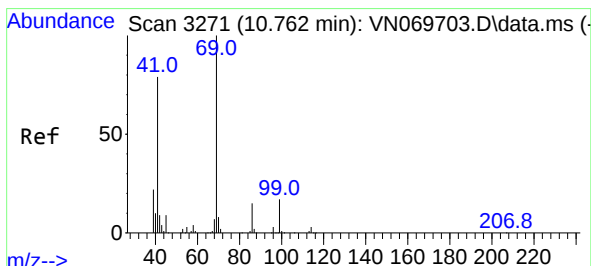
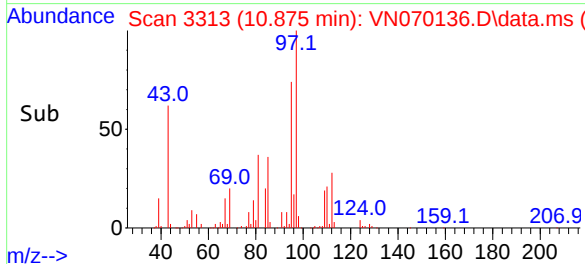
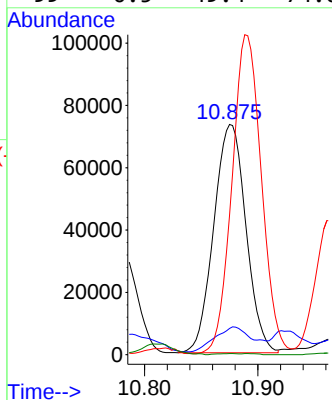


#55
1,1,2-Trichloroethane
Concen: 8.477 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

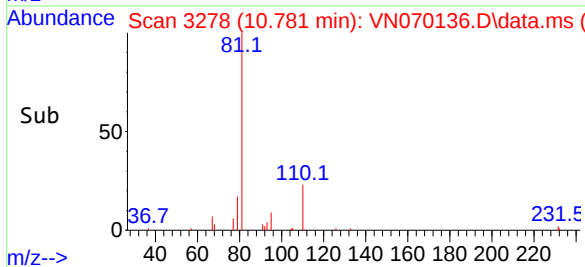
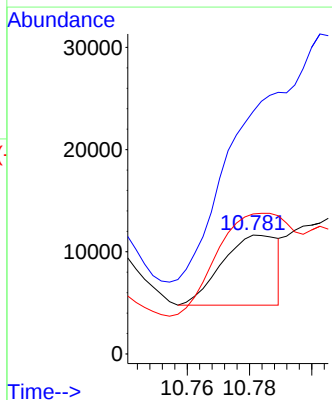
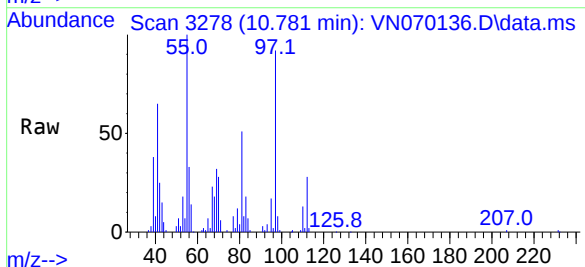


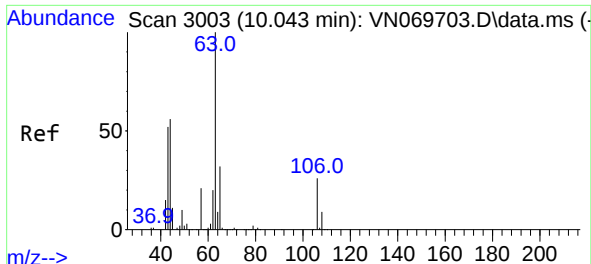
Tgt Ion: 97 Resp: 144353
Ion Ratio Lower Upper
97 100
83 9.8 67.8 101.6#
85 59.4 45.4 68.2
99 0.5 49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.534 ug/l
RT: 10.781 min Scan# 3278
Delta R.T. 0.019 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

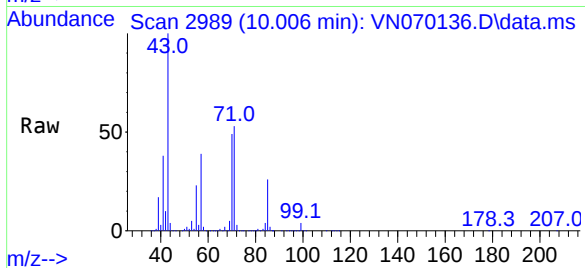
Tgt Ion: 69 Resp: 8571
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 207.2 34.6 52.0#



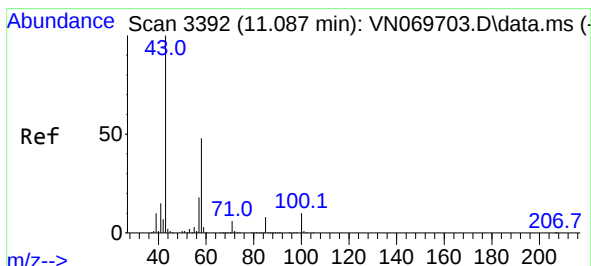
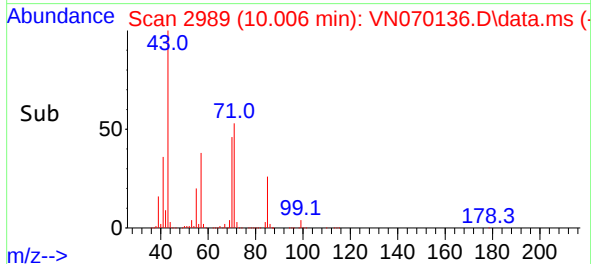
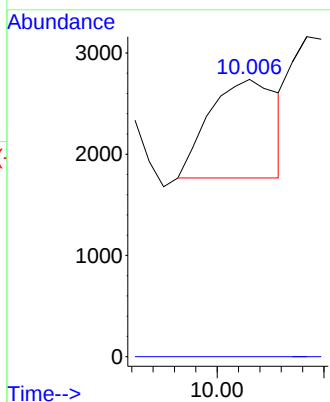


#58
2-Chloroethyl Vinyl ether
Concen: 18.480 ug/l
RT: 10.006 min Scan# 2989
Delta R.T. -0.037 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

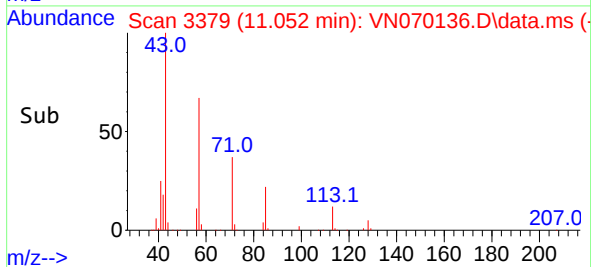
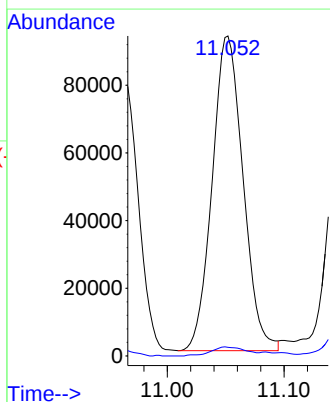
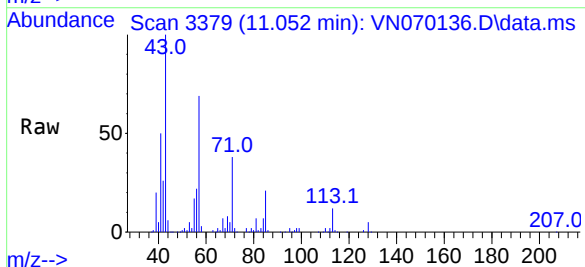


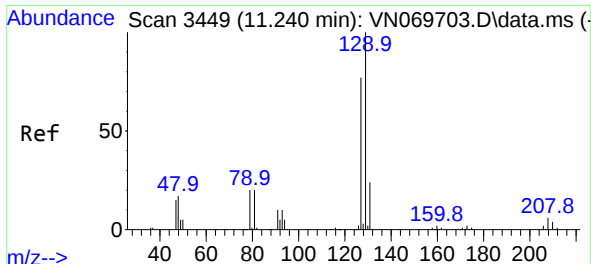
Tgt Ion: 63 Resp: 854
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 6.998 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 43 Resp: 171072
Ion Ratio Lower Upper
43 100
58 3.3 26.9 80.7#

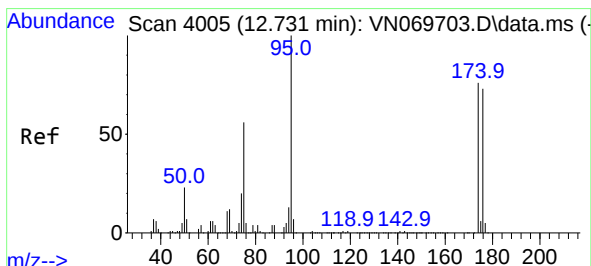
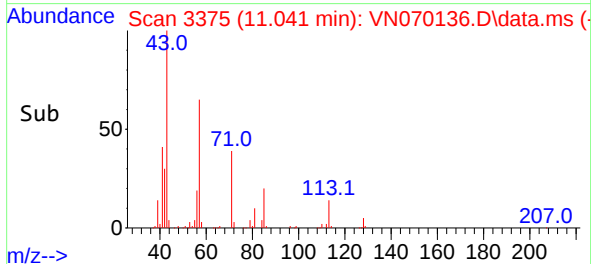
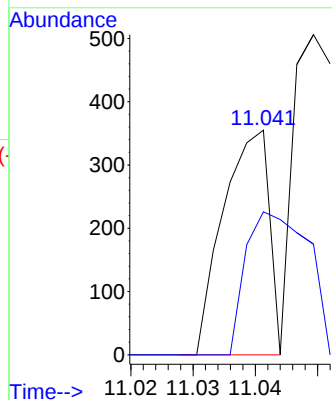
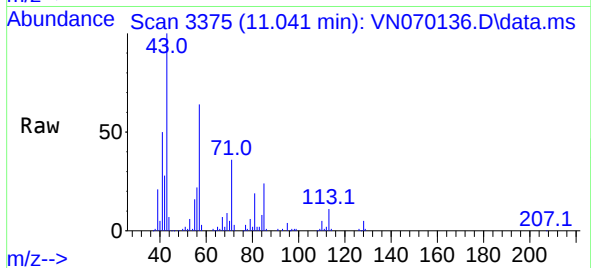




#60
Dibromochloromethane
Concen: 2.386 ug/l
RT: 11.041 min Scan# 311
Delta R.T. -0.199 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

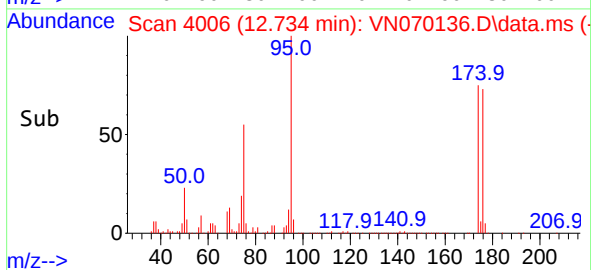
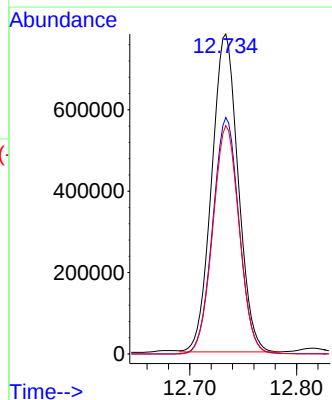
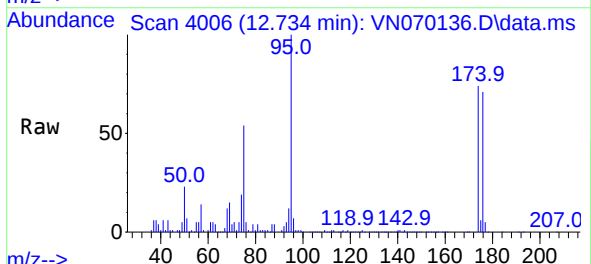
Instrument :
MSVOA_N
ClientSampleId :

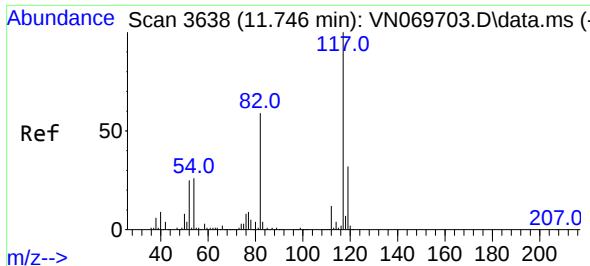
Tgt Ion:129 Resp: 182
Ion Ratio Lower Upper
129 100
127 86.8 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 62.152 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

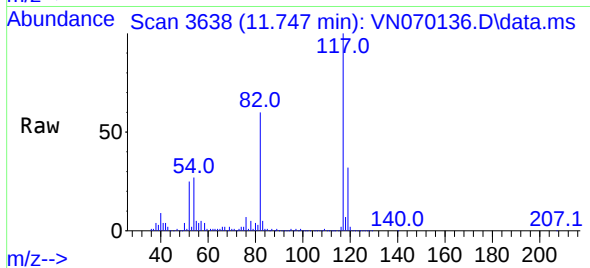
Tgt Ion: 95 Resp: 1345416
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4



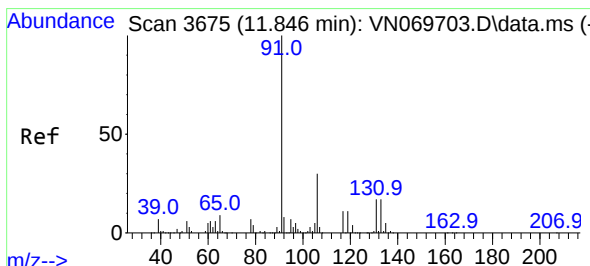
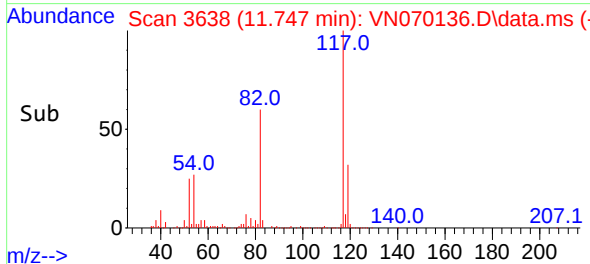
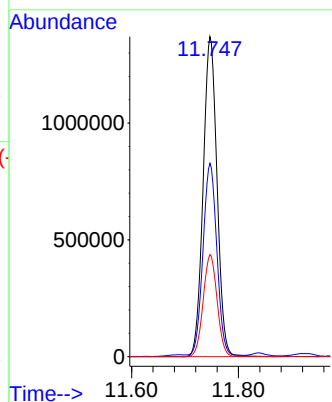


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

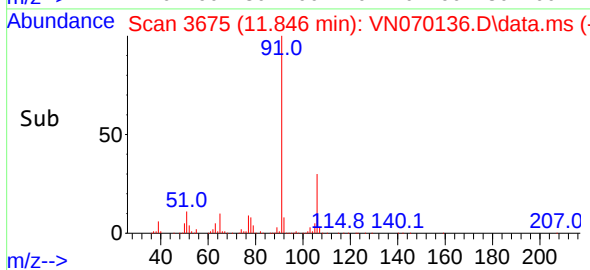
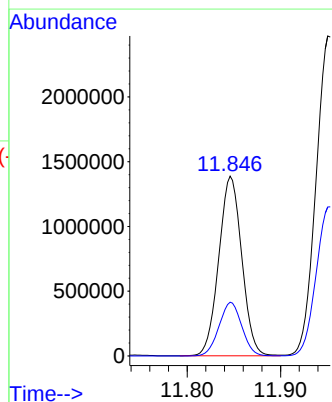
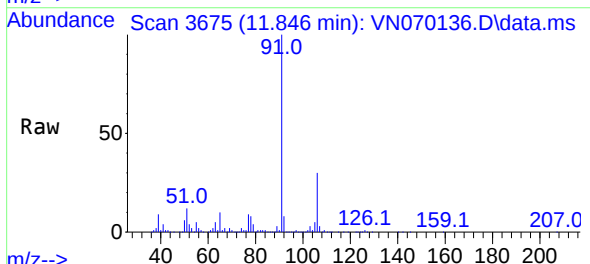


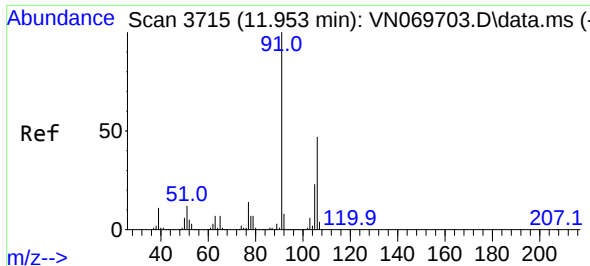
Tgt Ion:117 Resp: 2471713
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 25.980 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

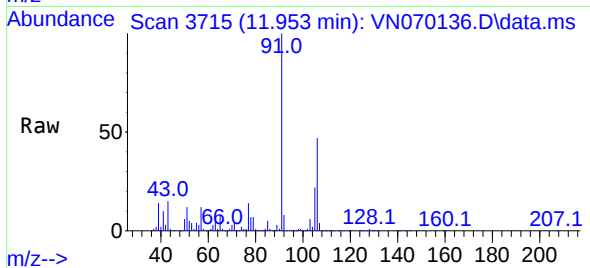
Tgt Ion: 91 Resp: 2366379
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



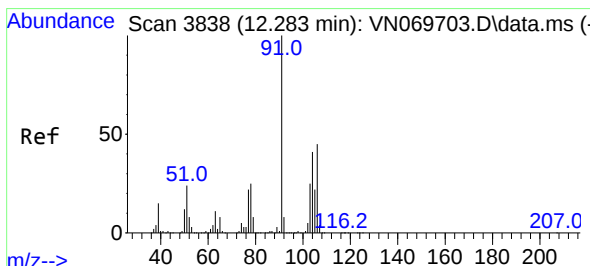
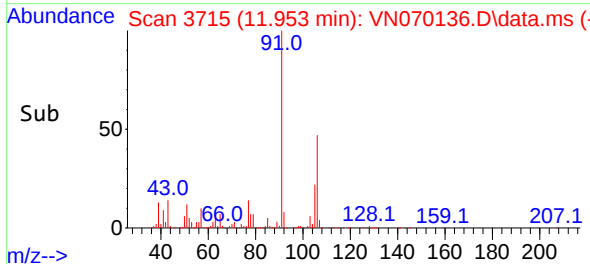
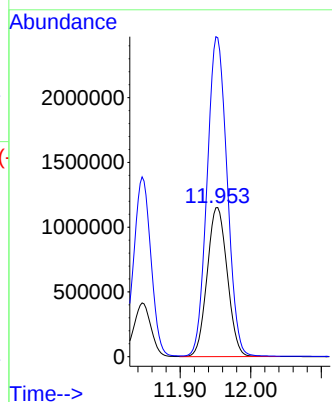


#68
m/p-Xylenes
Concen: 68.688 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

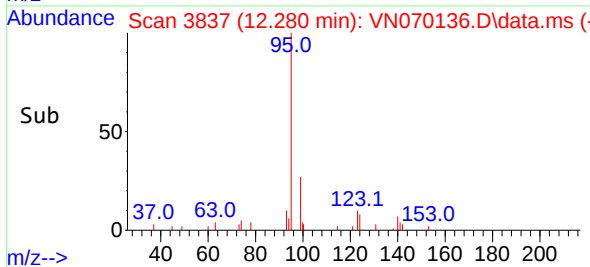
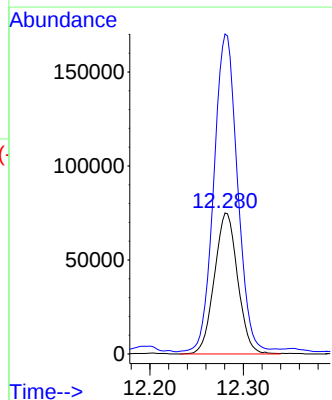
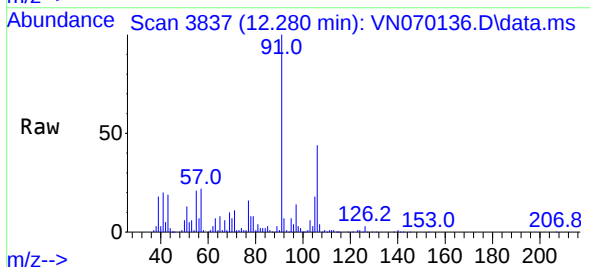


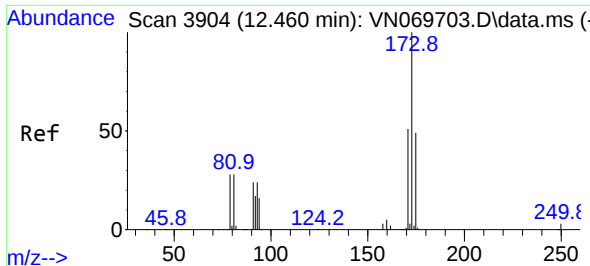
Tgt Ion:106 Resp: 2278013
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8



#69
o-Xylene
Concen: 3.892 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion:106 Resp: 130017
Ion Ratio Lower Upper
106 100
91 228.1 105.8 317.3

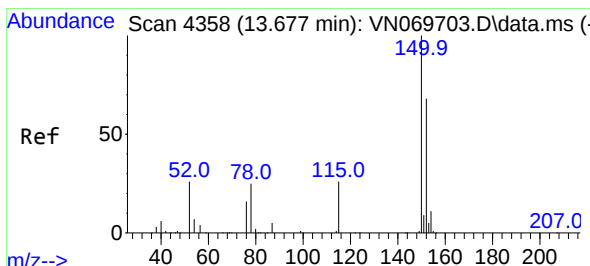
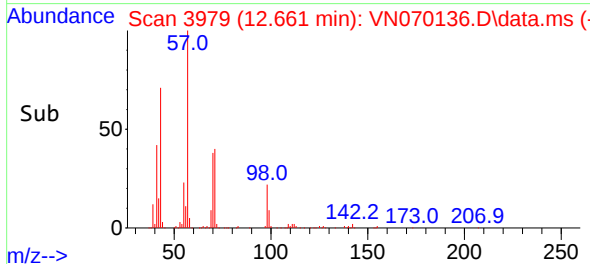
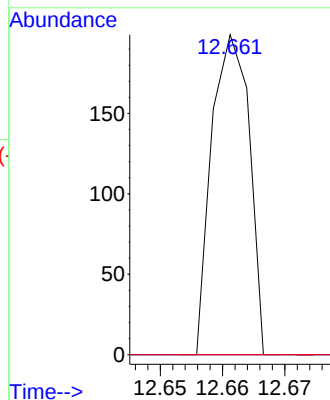
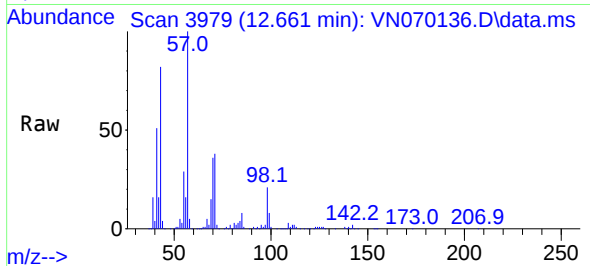




#71
Bromoform
Concen: 2.736 ug/l
RT: 12.661 min Scan# 3904
Delta R.T. 0.201 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

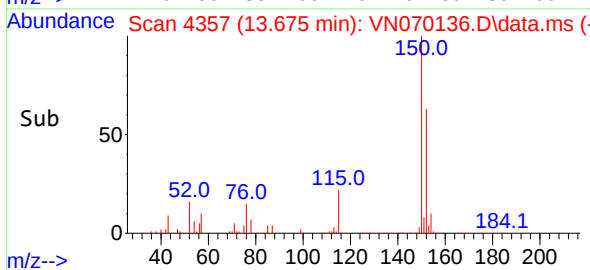
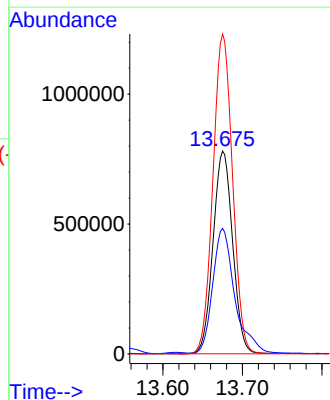
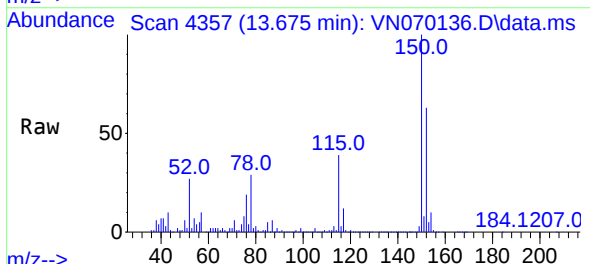
Instrument :
MSVOA_N
ClientSampleId :

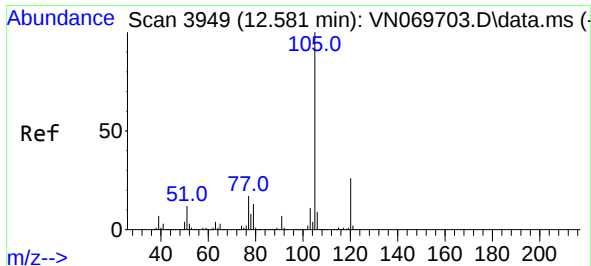
Tgt Ion:173 Resp: 83
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion:152 Resp: 1338164
Ion Ratio Lower Upper
152 100
115 69.1 27.5 82.5
150 157.6 0.0 344.4

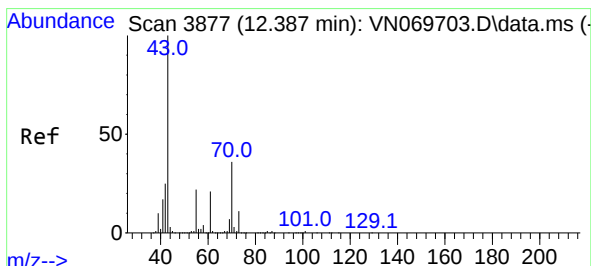
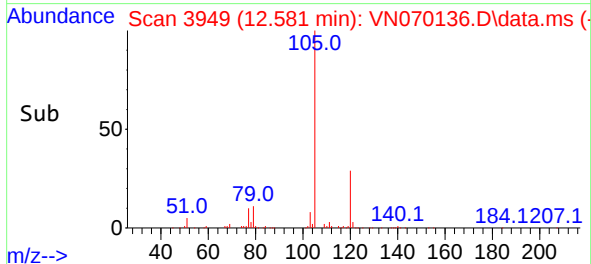
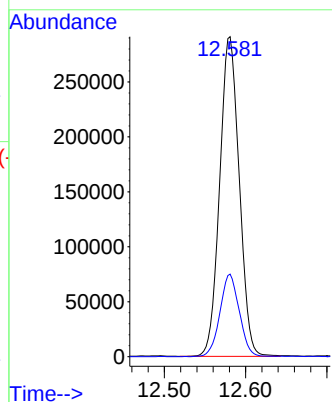
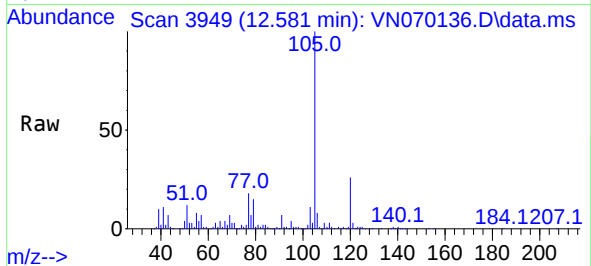




#73
Isopropylbenzene
Concen: 4.083 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

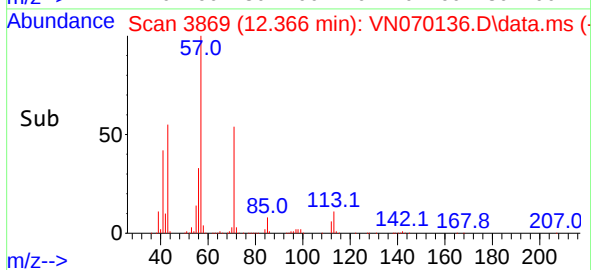
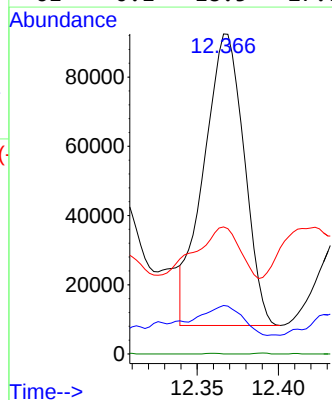
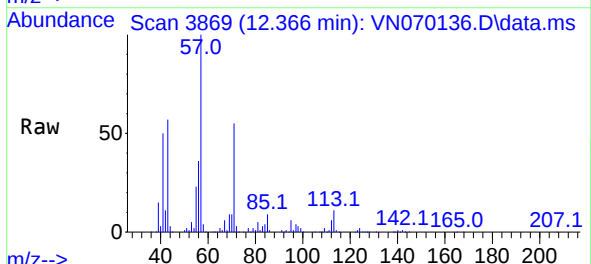
Instrument :
MSVOA_N
ClientSampleId :

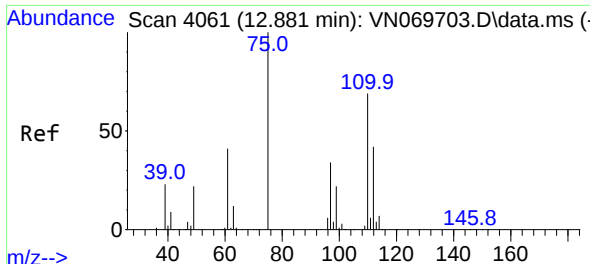
Tgt Ion:105 Resp: 486130
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 2.765 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 43 Resp: 145559
Ion Ratio Lower Upper
43 100
70 10.3 33.4 50.0#
55 18.5 19.3 28.9#
61 0.1 18.5 27.7#

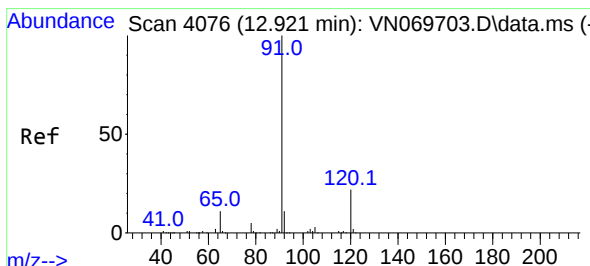
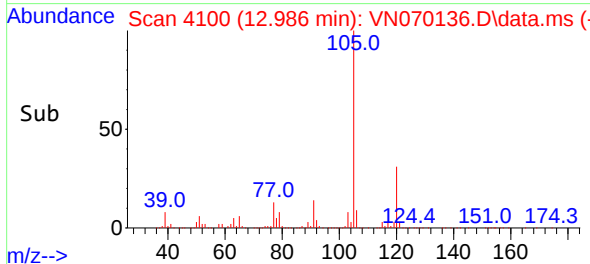
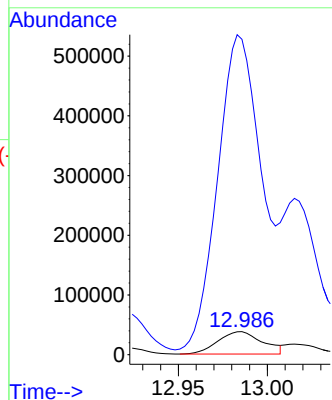
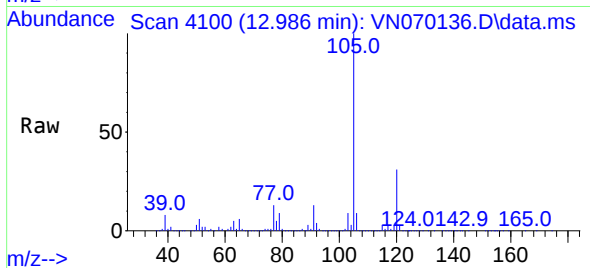




#76
1,2,3-Trichloropropane
Concen: 1.722 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. 0.105 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

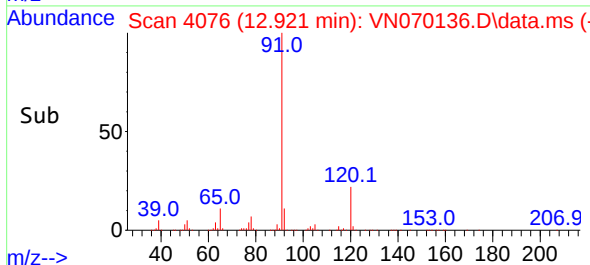
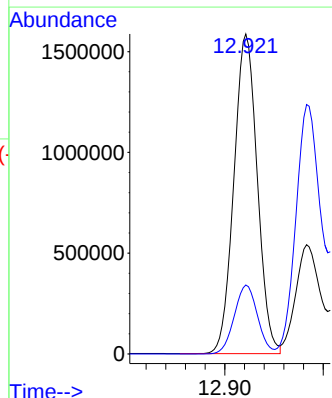
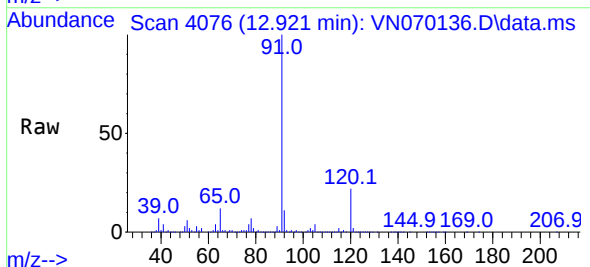
Instrument :
MSVOA_N
ClientSampleId :

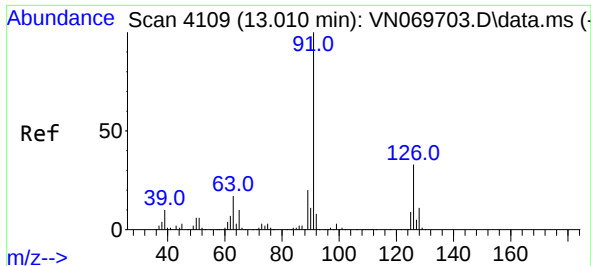
Tgt Ion: 75 Resp: 66096
Ion Ratio Lower Upper
75 100
77 1347.6 82.6 247.8#



#78
n-propylbenzene
Concen: 19.775 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 91 Resp: 2619870
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

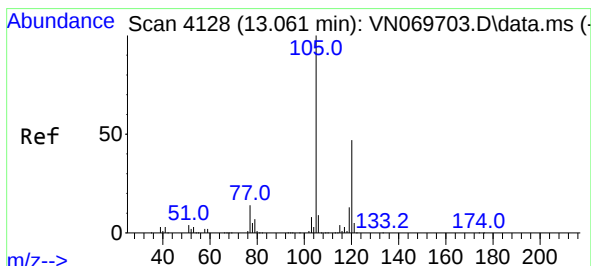
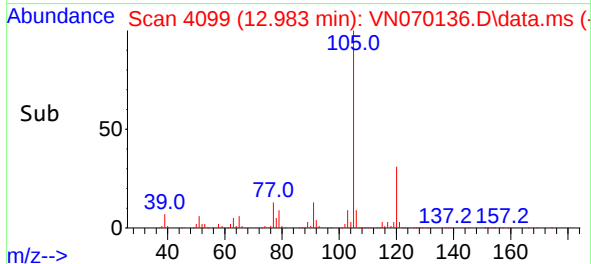
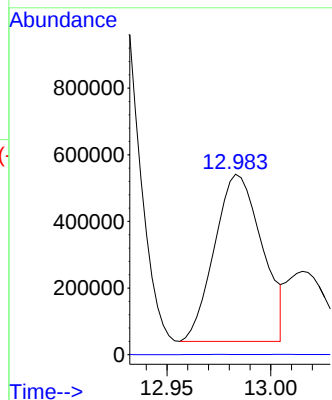
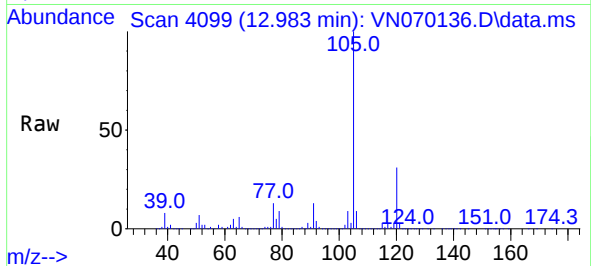




#79
2-Chlorotoluene
Concen: 9.587 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

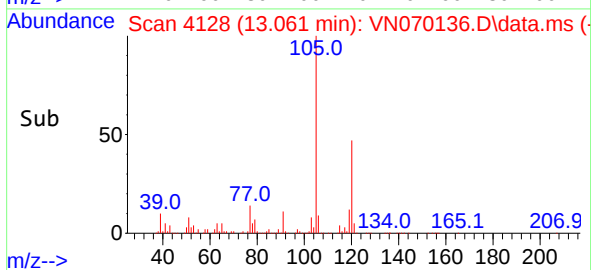
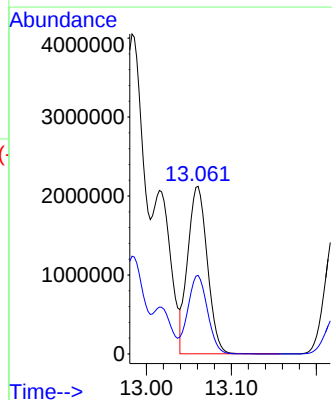
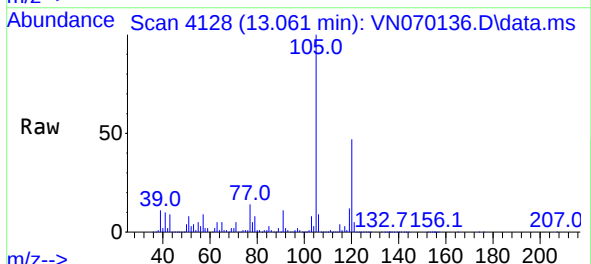
Instrument :
MSVOA_N
ClientSampleId :

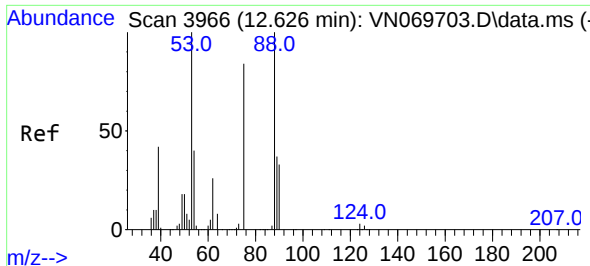
Tgt Ion: 91 Resp: 802530
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 35.343 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

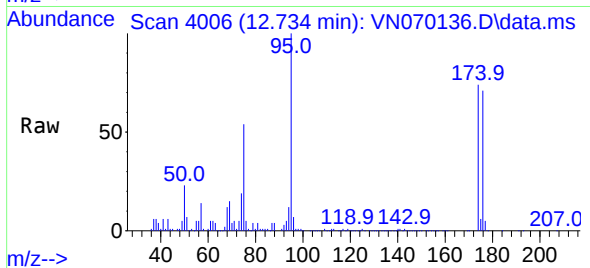
Tgt Ion:105 Resp: 3386868
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6



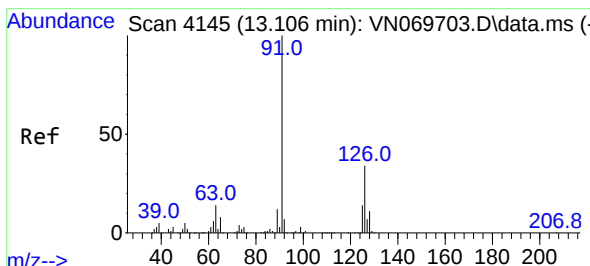
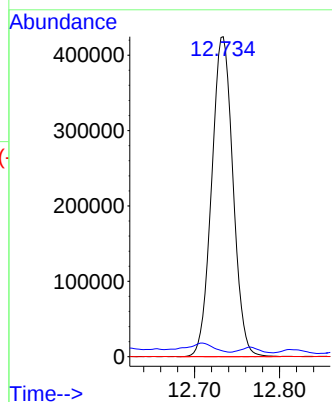
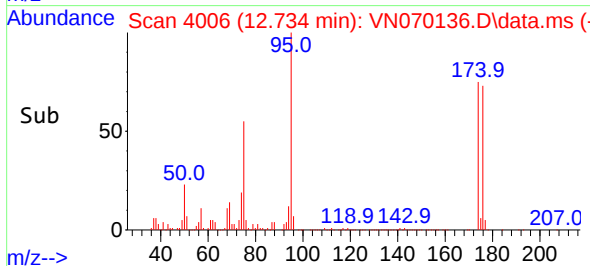


#81
trans-1,4-Dichloro-2-butene
Concen: 62.162 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

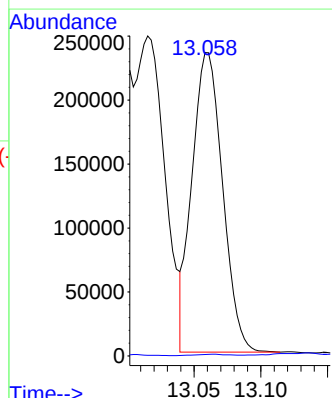
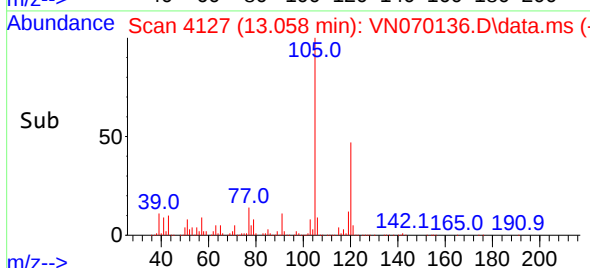
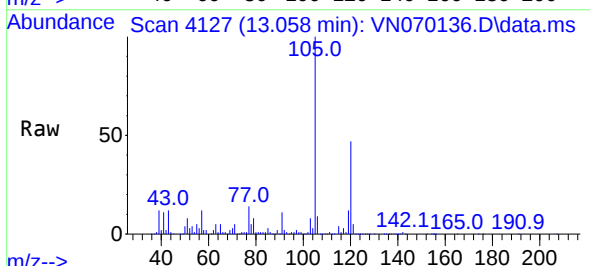


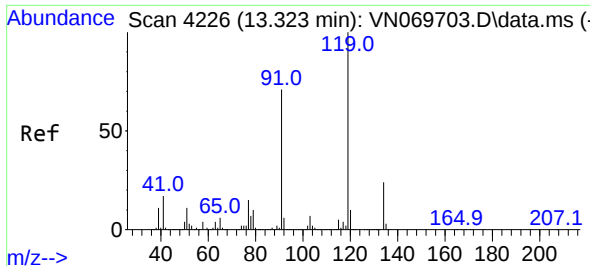
Tgt Ion: 75 Resp: 741470
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 4.730 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 91 Resp: 372353
Ion Ratio Lower Upper
91 100
126 0.6 18.2 54.6#

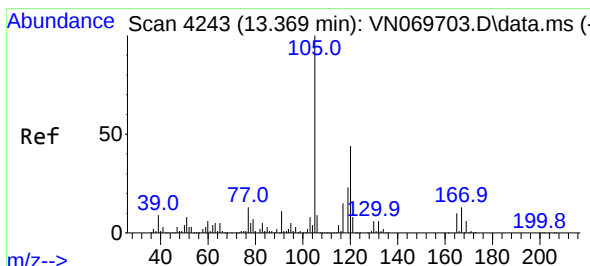
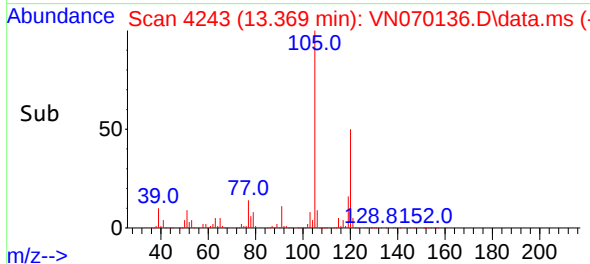
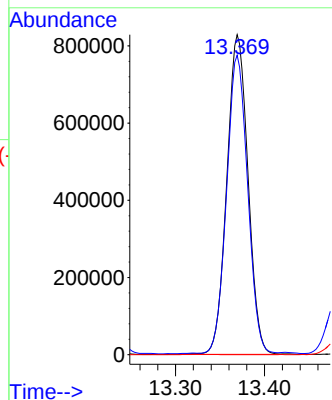
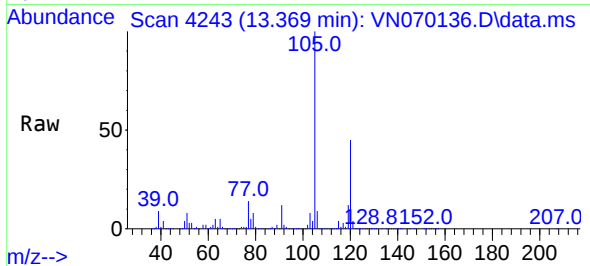




#83
tert-Butylbenzene
Concen: 16.080 ug/l
RT: 13.369 min Scan# 4226
Delta R.T. 0.046 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

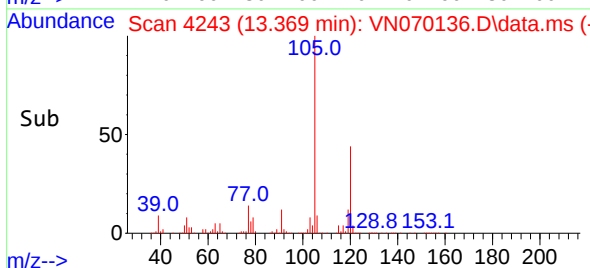
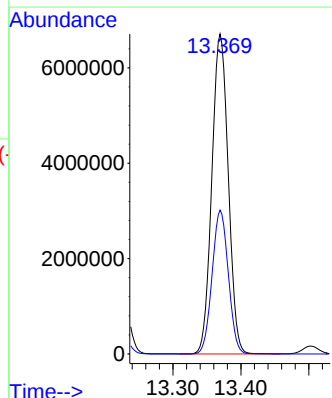
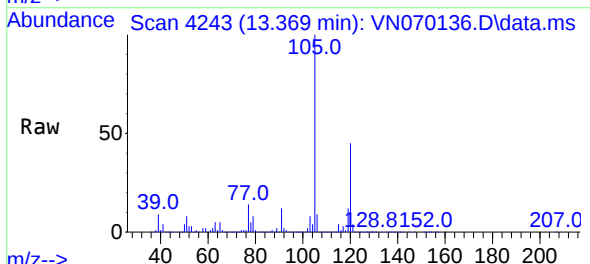
Instrument :
MSVOA_N
ClientSampleId :

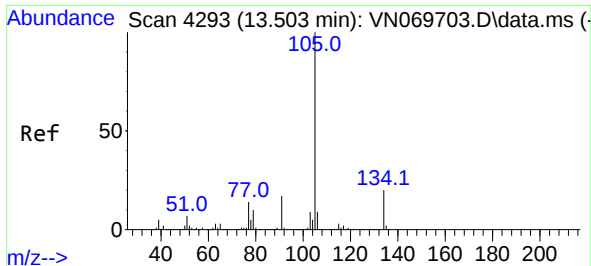
Tgt Ion:119 Resp: 1364431
Ion Ratio Lower Upper
119 100
91 92.5 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 123.306 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

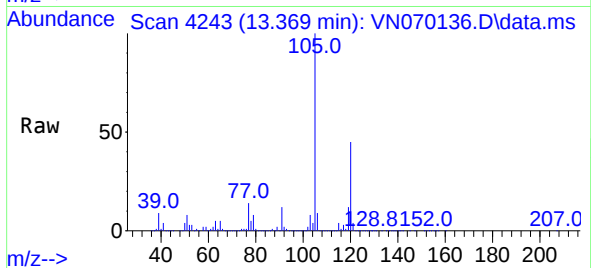
Tgt Ion:105 Resp:11253274
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4



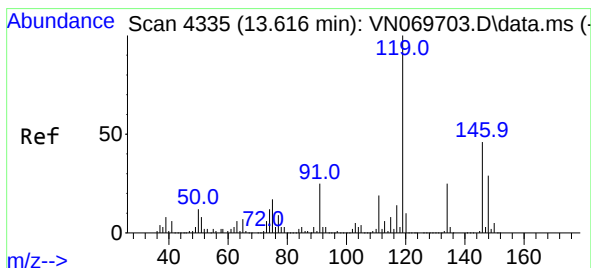
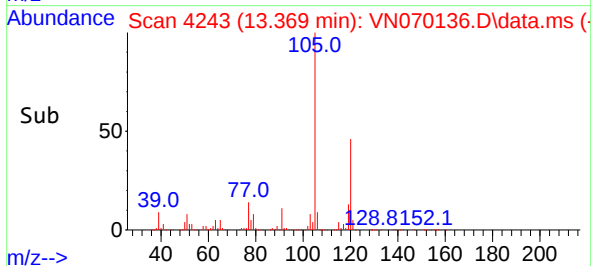
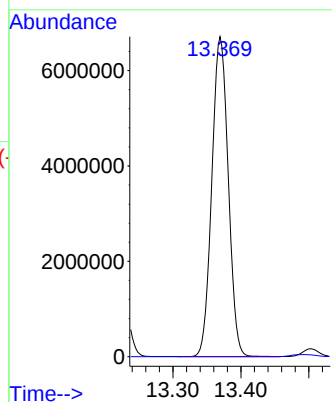


#85
 sec-Butylbenzene
 Concen: 97.773 ug/l
 RT: 13.369 min Scan# 4314
 Delta R.T. -0.134 min
 Lab File: VN070136.D
 Acq: 16 Dec 2021 14:31

Instrument :
 MSVOA_N
 ClientSampleId :

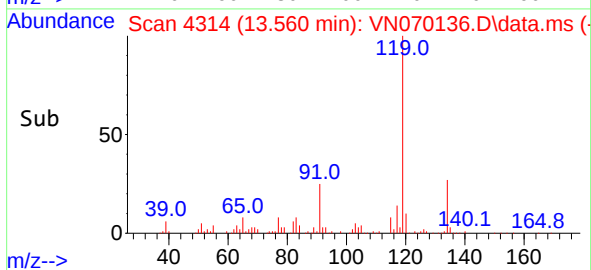
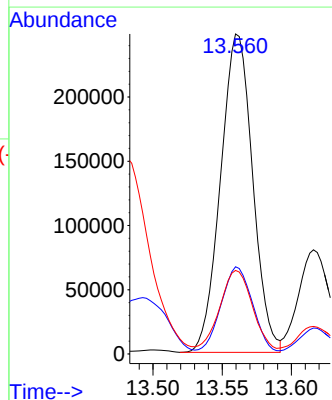
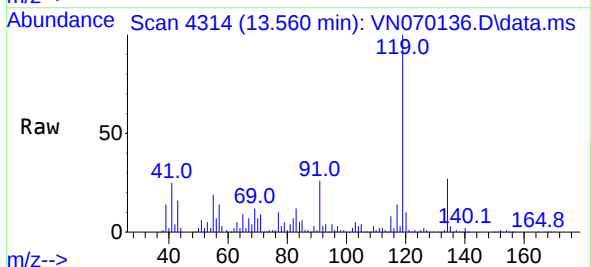


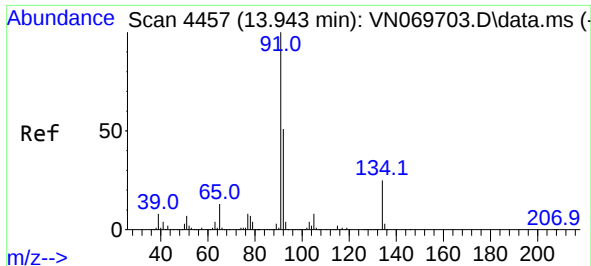
Tgt Ion:105 Resp:11253274
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 4.444 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070136.D
 Acq: 16 Dec 2021 14:31

Tgt Ion:119 Resp: 399848
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 24.4 11.4 34.1

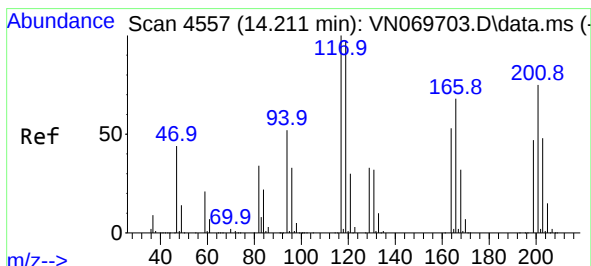
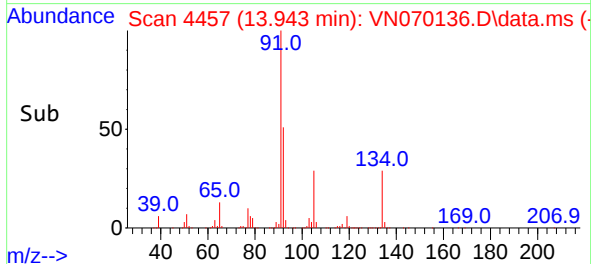
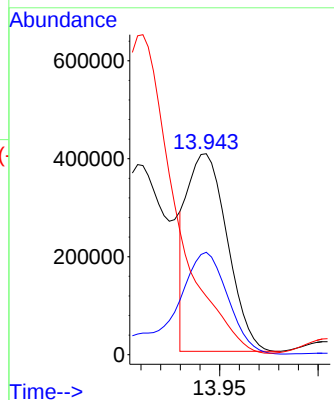
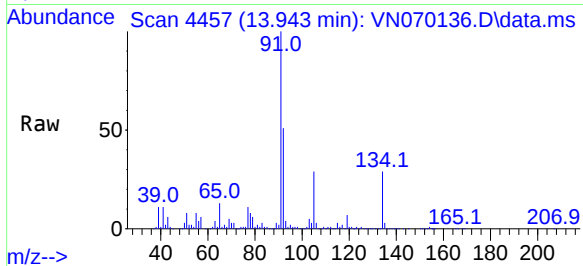




#89
n-Butylbenzene
Concen: 7.831 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

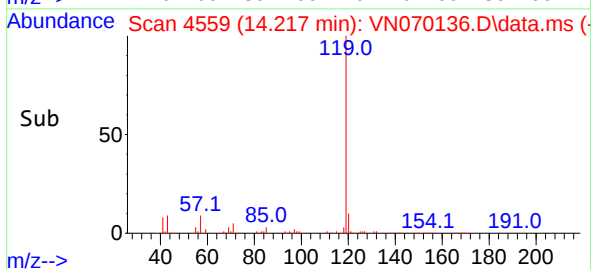
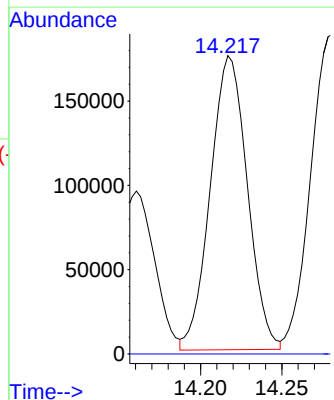
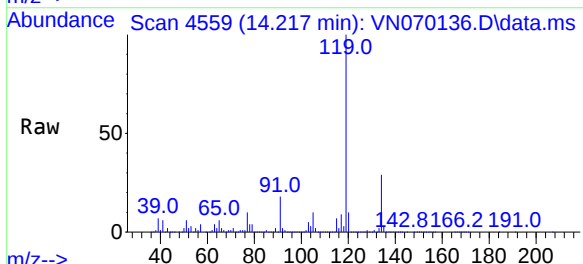
Instrument :
MSVOA_N
ClientSampleId :

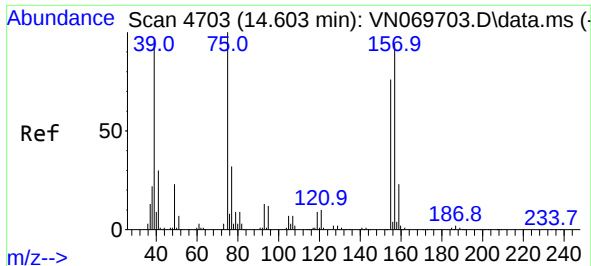
Tgt Ion: 91 Resp: 571528
Ion Ratio Lower Upper
91 100
92 68.8 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 17.482 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 117 Resp: 276131
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.059 ug/l

RT: 14.579 min Scan# 4

Delta R.T. -0.024 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_N

ClientSampleId :

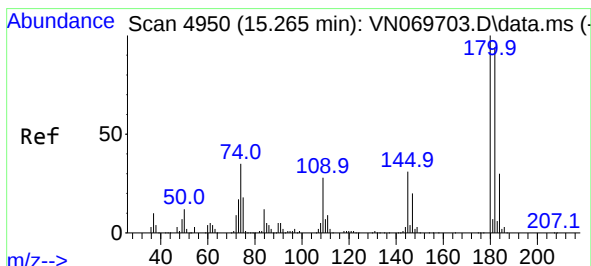
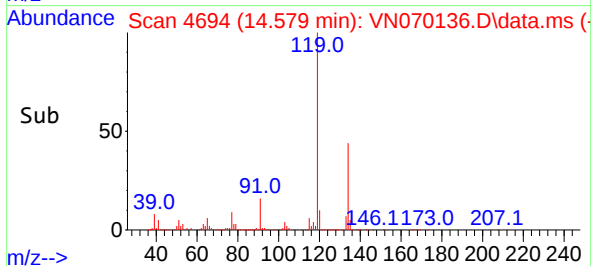
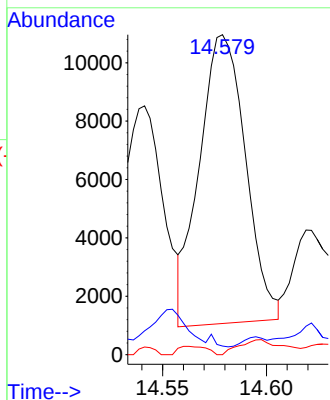
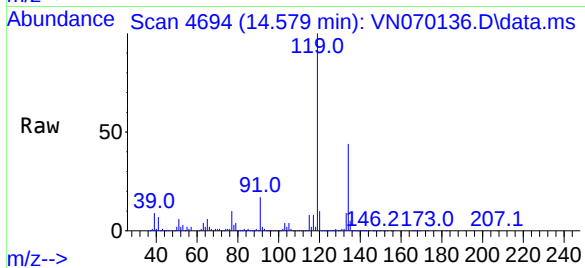
Tgt Ion: 75 Resp: 15315

Ion Ratio Lower Upper

75 100

155 1.6 46.9 140.7#

157 4.9 60.6 181.7#



#93

1,2,4-Trichlorobenzene

Concen: 2.984 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.002 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

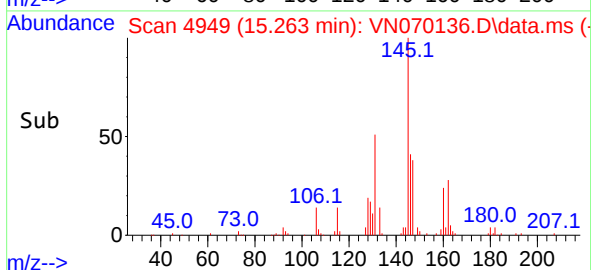
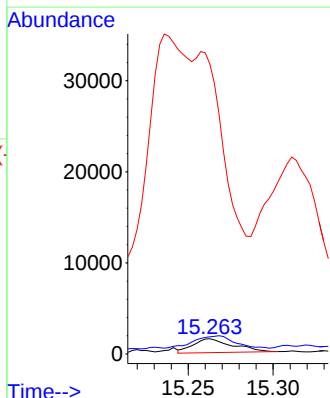
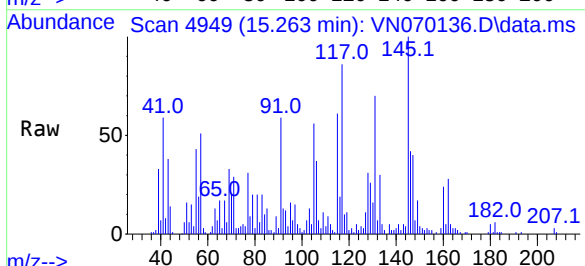
Tgt Ion:180 Resp: 2480

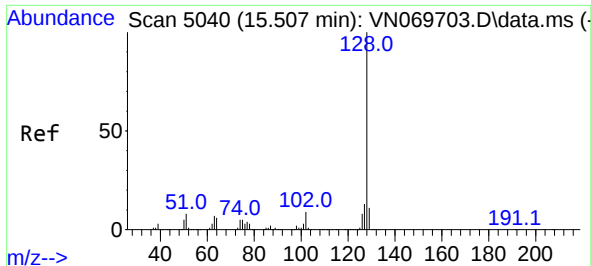
Ion Ratio Lower Upper

180 100

182 87.9 48.3 144.9

145 0.0 14.5 43.5#

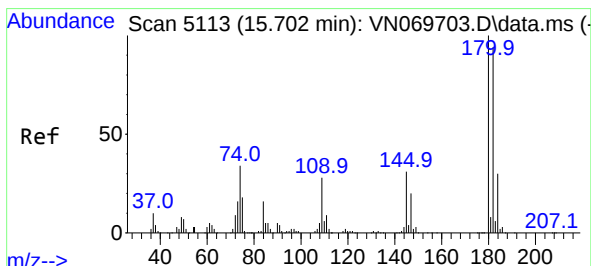
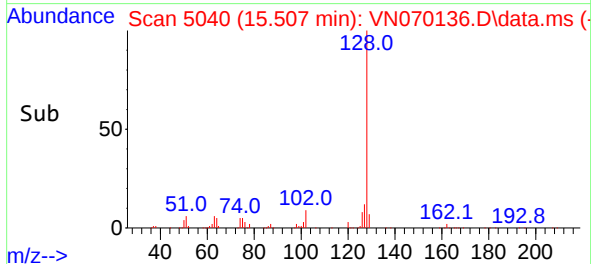
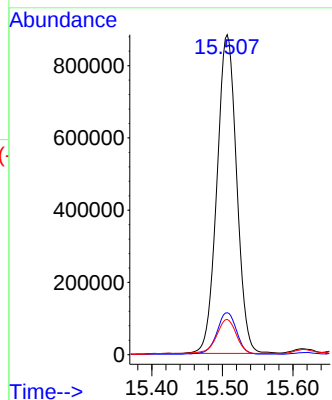
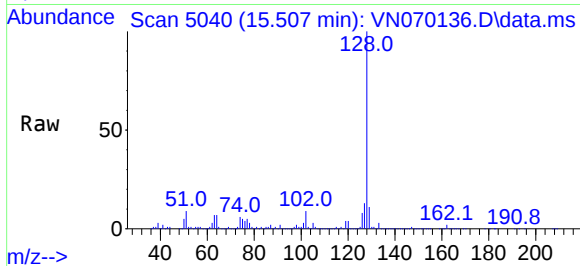




#95
Naphthalene
Concen: 28.125 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1715397
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.568 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion:180 Resp: 2979
Ion Ratio Lower Upper
180 100
182 64.8 47.4 142.2
145 1862.1 15.0 45.1#

