

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070143.D
 Acq On : 16 Dec 2021 17:31
 Operator : JC/MD
 Sample : M5079-02
 Misc : 5.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 17 01:01:41 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)

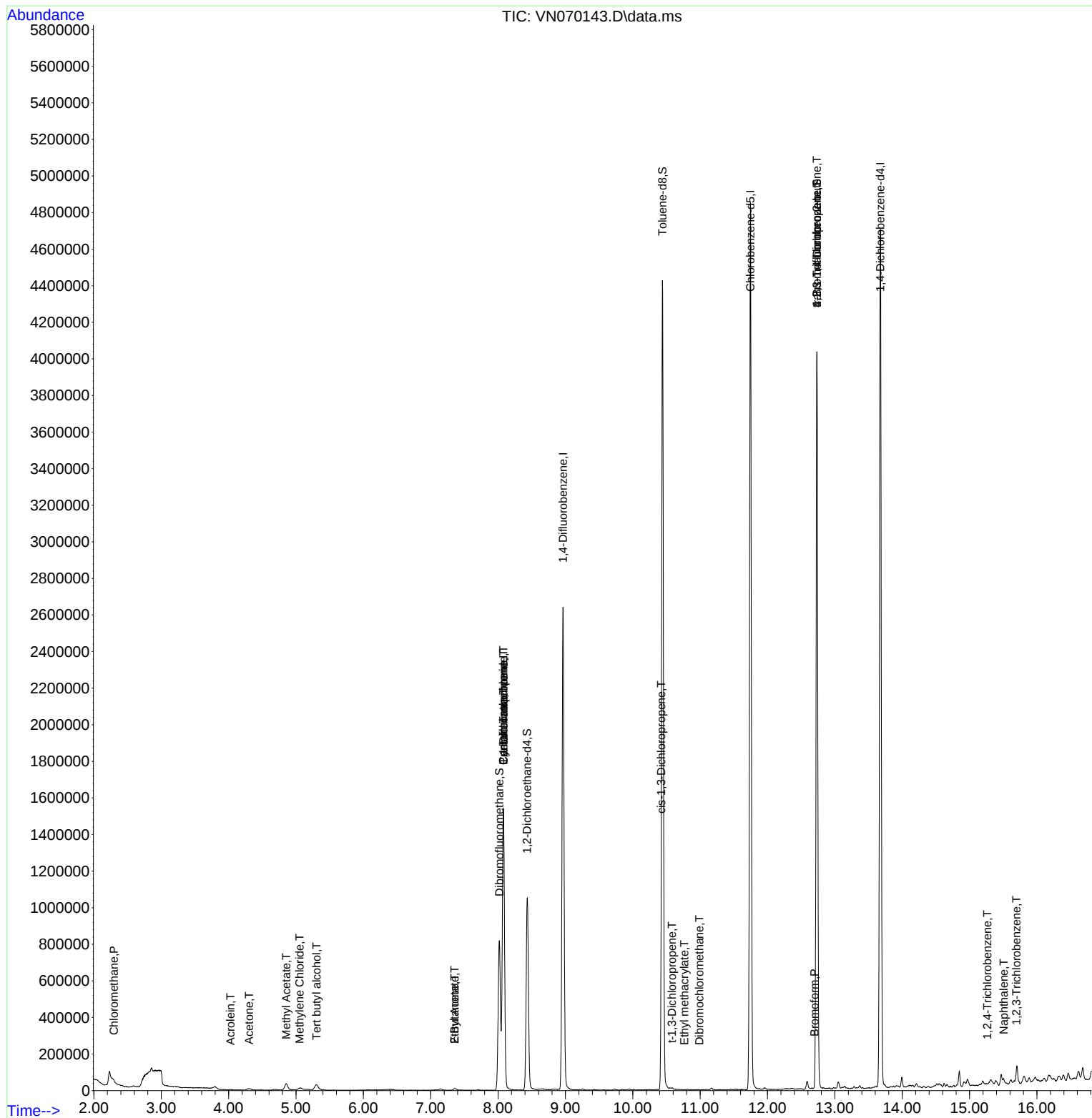
Internal Standards						
1) Pentafluorobenzene	8.080	168	1158902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2220181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2625389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1233842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	915472	51.162	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.320%	
35) Dibromofluoromethane	8.019	113	597246	42.947	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 85.900%	
50) Toluene-d8	10.440	98	2984730	53.451	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	12.734	95	1352710	66.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 133.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.295	50	3676	0.217	ug/l	95
11) Tert butyl alcohol	5.304	59	33967	10.043	ug/l #	72
13) Acrolein	4.028	56	709	0.246	ug/l #	65
16) Acetone	4.301	43	11151	1.036	ug/l	100
18) Methyl Acetate	4.854	43	76082	2.342	ug/l	91
20) Methylene Chloride	5.052	84	4675	0.327	ug/l #	84
25) 2-Butanone	7.354	43	13606	0.930	ug/l	96
31) Cyclohexane	8.080	56	30068	1.207	ug/l #	24
36) 1,1-Dichloropropene	8.078	75	99669	4.716	ug/l #	49
37) Ethyl Acetate	7.354	43	13606	0.433	ug/l #	68
38) Carbon Tetrachloride	8.080	117	121463	5.860	ug/l #	16
53) t-1,3-Dichloropropene	10.580	75	2975	2.903	ug/l	94
54) cis-1,3-Dichloropropene	10.422	75	95	2.002	ug/l #	18
56) Ethyl methacrylate	10.765	69	177	2.285	ug/l #	33
60) Dibromochloromethane	10.988	129	52	2.379	ug/l #	11
71) Bromoform	12.699	173	28	2.733	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	746296	21.091	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	746296	67.484	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	767	2.914	ug/l #	85
95) Naphthalene	15.507	128	20792	4.302	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.694	180	1359	2.501	ug/l #	1

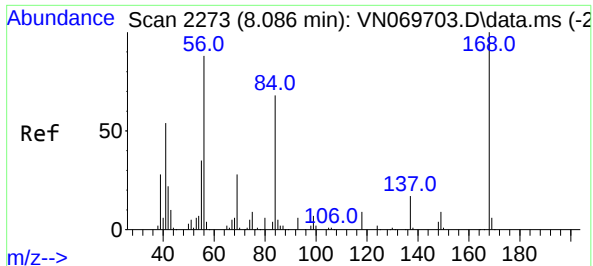
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

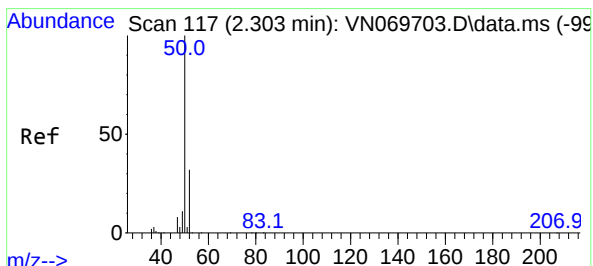
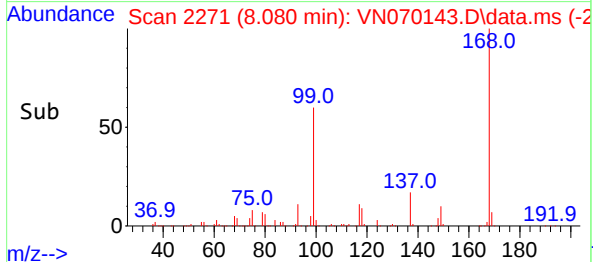
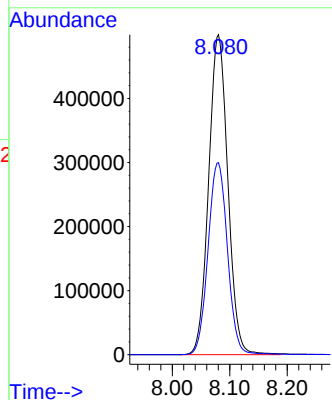
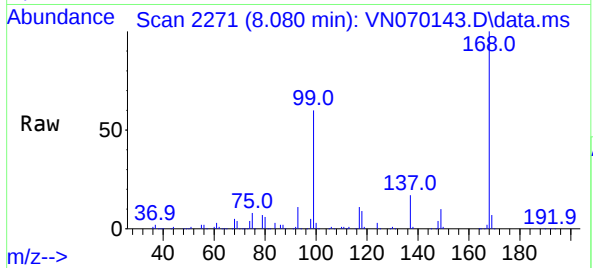




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

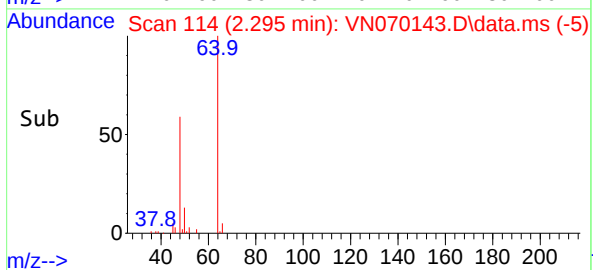
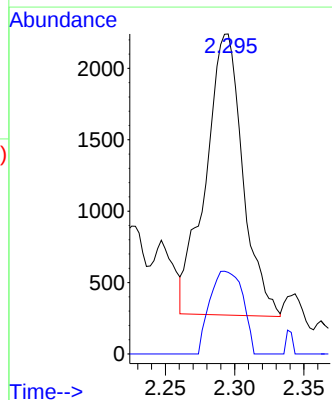
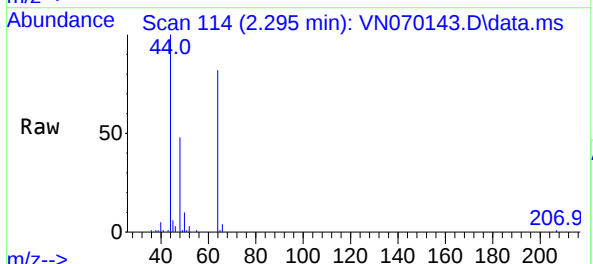
Instrument :
MSVOA_N
ClientSampleId :

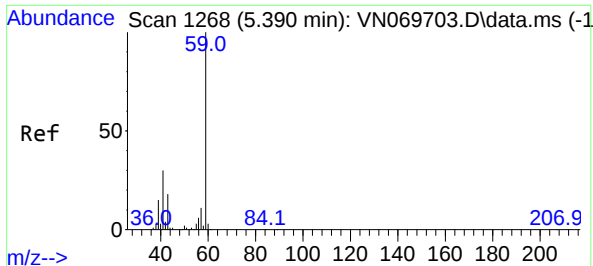
Tgt Ion:168 Resp: 1158902
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.295 min Scan# 114
Delta R.T. -0.008 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

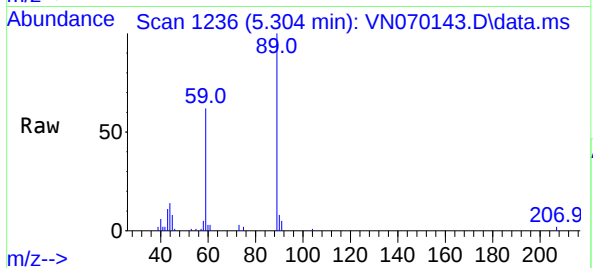
Tgt Ion: 50 Resp: 3676
Ion Ratio Lower Upper
50 100
52 29.2 25.4 38.0



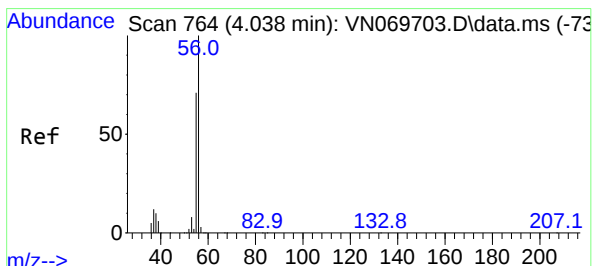
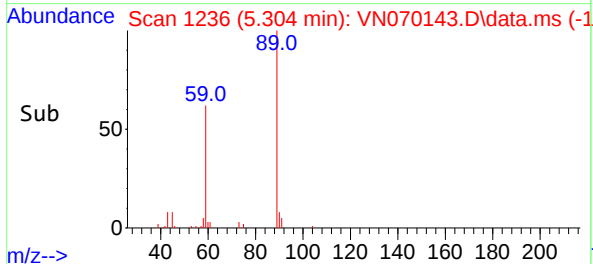
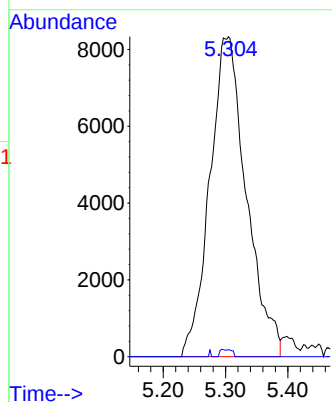


#11
Tert butyl alcohol
Concen: 10.043 ug/l
RT: 5.304 min Scan# 11
Delta R.T. -0.086 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

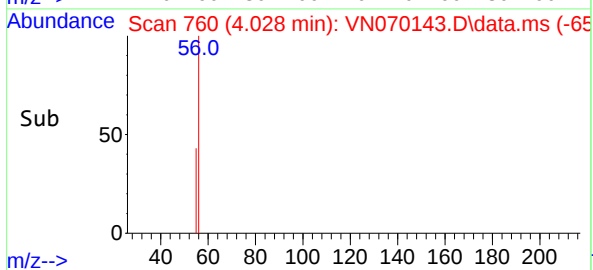
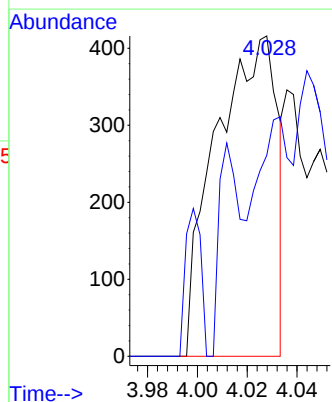
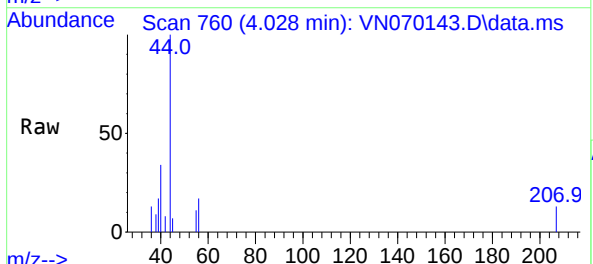


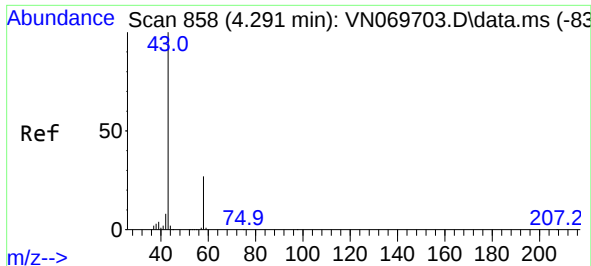
Tgt Ion: 59 Resp: 33967
Ion Ratio Lower Upper
59 100
57 0.3 8.7 13.1#



#13
Acrolein
Concen: 0.246 ug/l
RT: 4.028 min Scan# 760
Delta R.T. -0.011 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Tgt Ion: 56 Resp: 709
Ion Ratio Lower Upper
56 100
55 41.7 56.6 85.0#

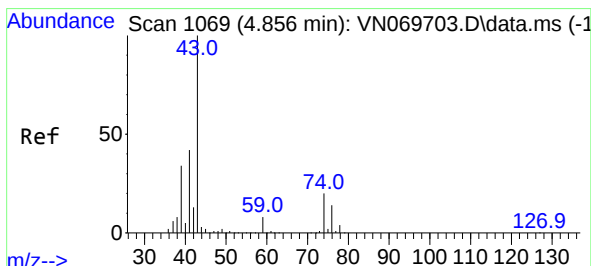
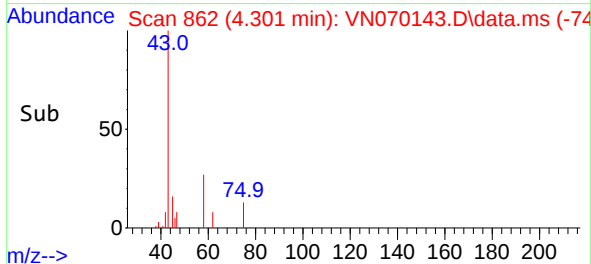
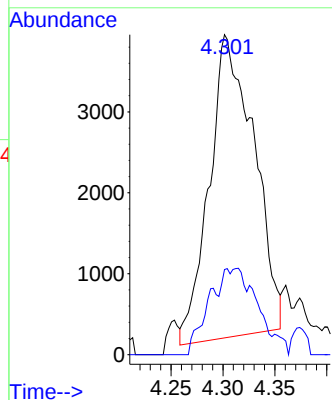
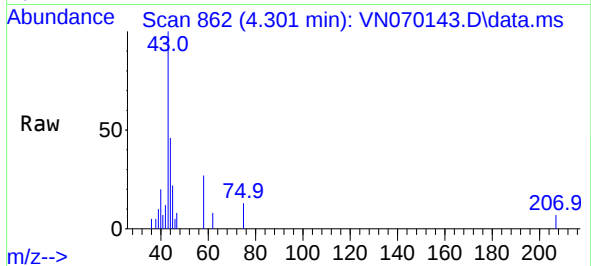




#16
Acetone
Concen: 1.036 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

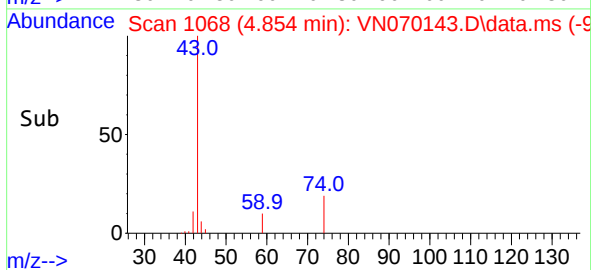
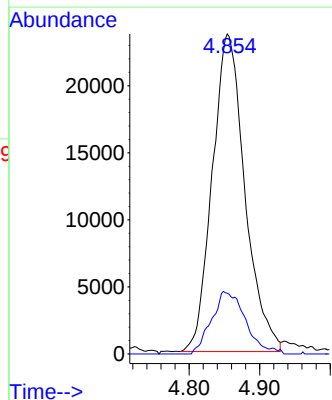
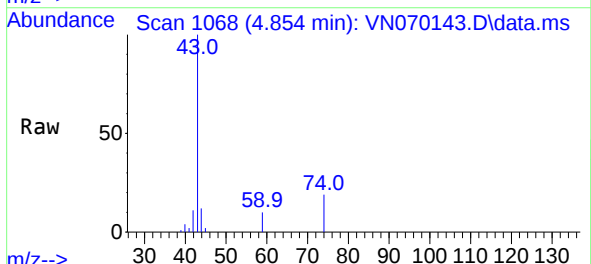
Instrument :
MSVOA_N
ClientSampleId :

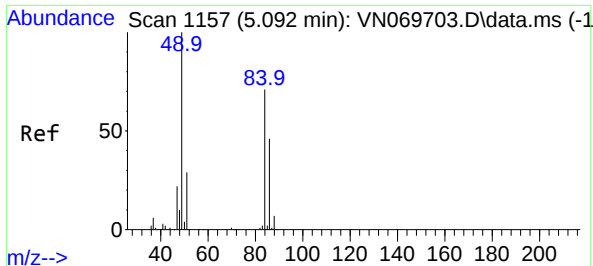
Tgt Ion: 43 Resp: 11151
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7



#18
Methyl Acetate
Concen: 2.342 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

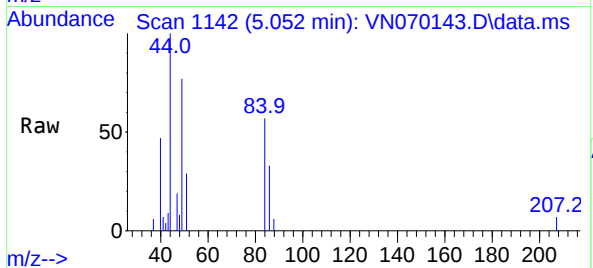
Tgt Ion: 43 Resp: 76082
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2



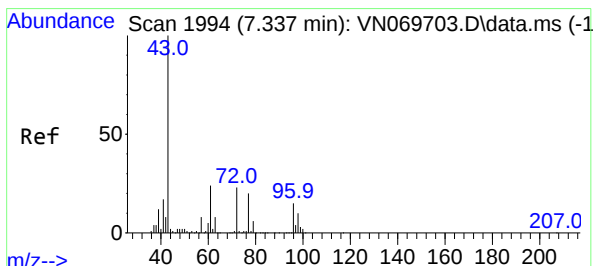
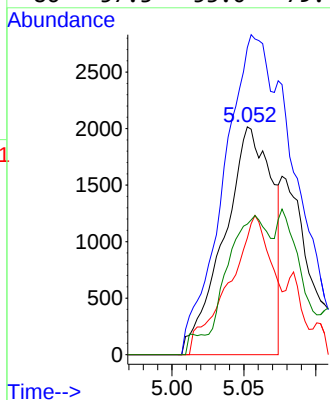
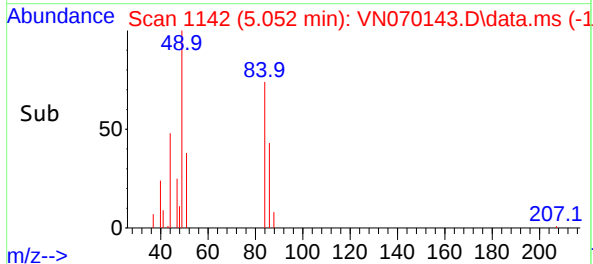


#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 5.052 min Scan# 1157
Delta R.T. -0.040 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

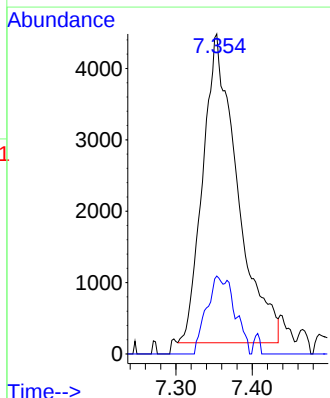
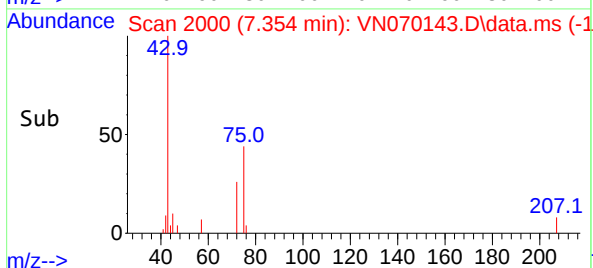
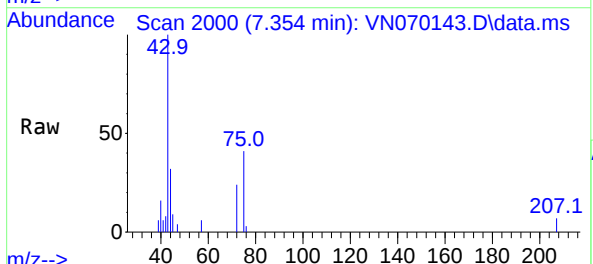


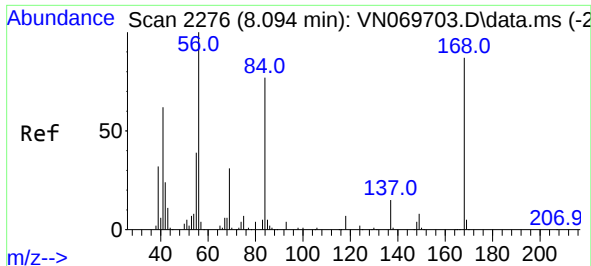
Tgt Ion: 84 Resp: 4675
Ion Ratio Lower Upper
84 100
49 134.8 93.5 140.3
51 51.2 29.4 44.2#
86 57.3 53.0 79.4



#25
2-Butanone
Concen: 0.930 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

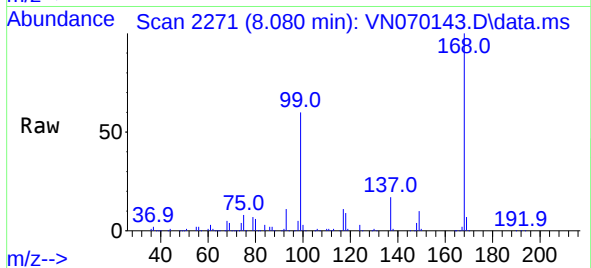
Tgt Ion: 43 Resp: 13606
Ion Ratio Lower Upper
43 100
72 25.2 21.7 32.5



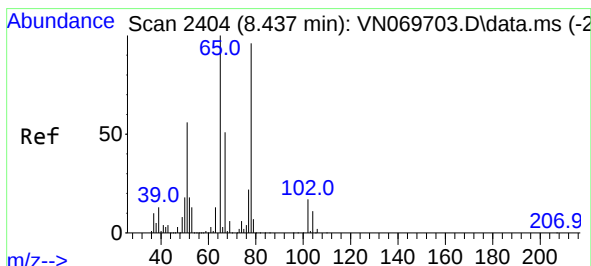
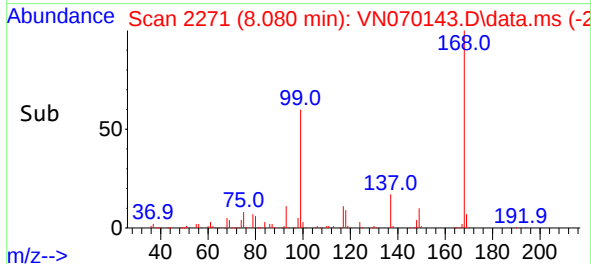
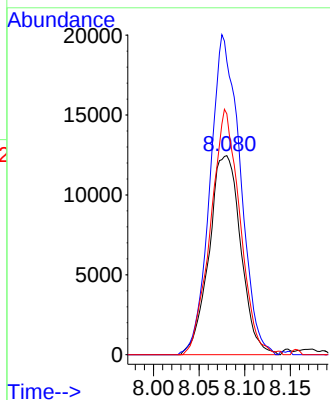


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

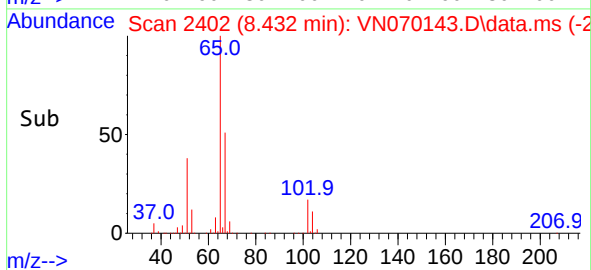
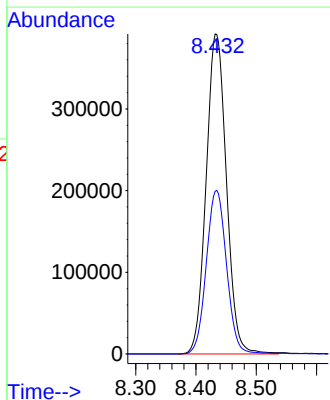
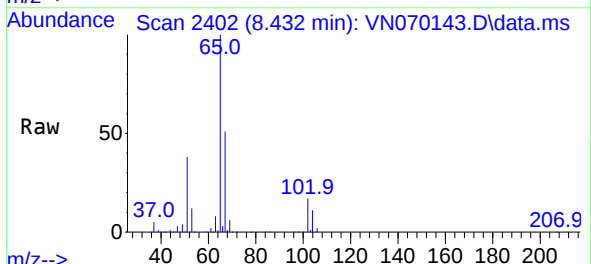


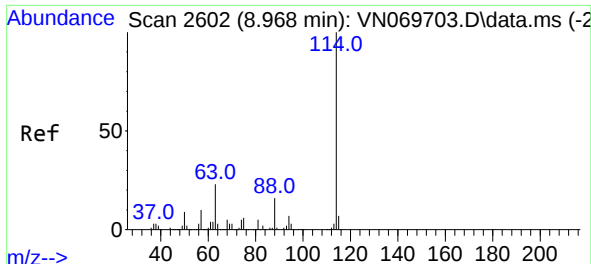
Tgt Ion: 56 Resp: 30068
Ion Ratio Lower Upper
56 100
69 147.4 27.1 40.7#
84 121.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.162 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

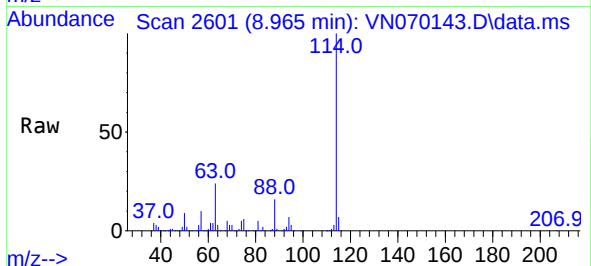
Tgt Ion: 65 Resp: 915472
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0



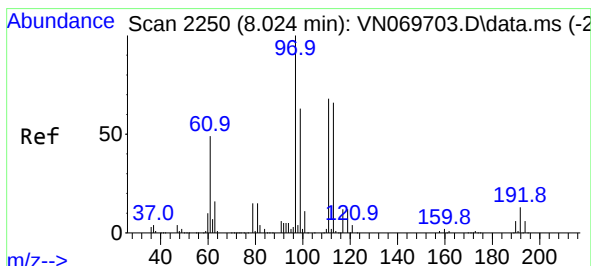
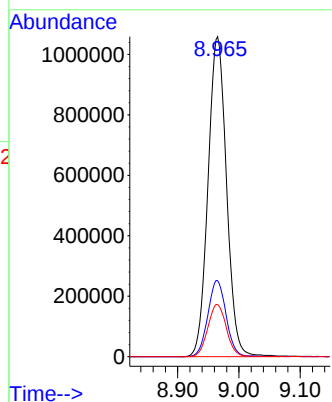
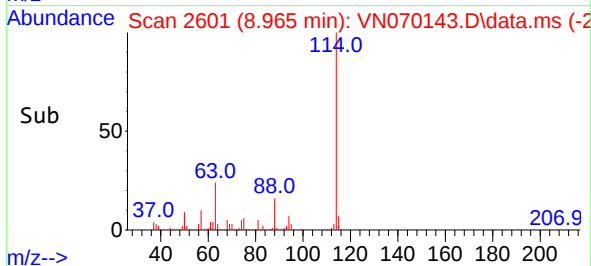


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
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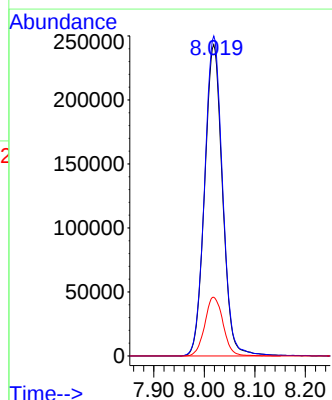
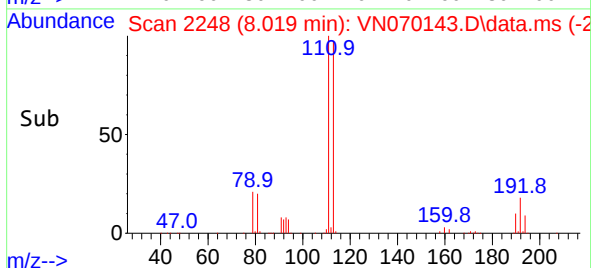
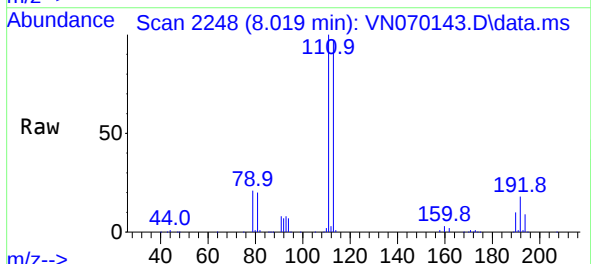


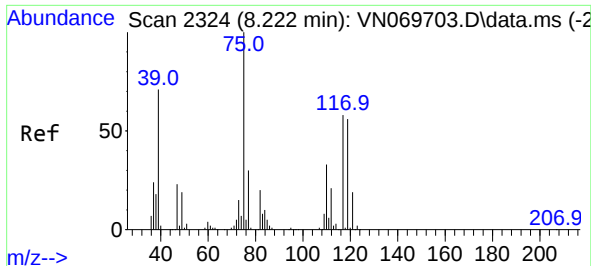
Tgt Ion:114 Resp: 2220181
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 42.947 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

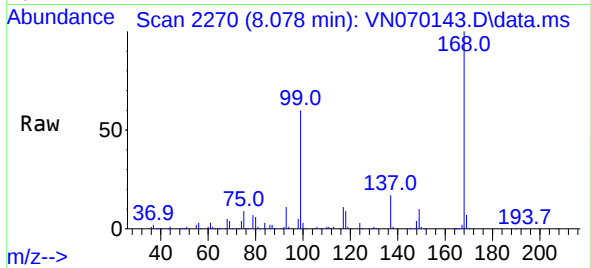
Tgt Ion:113 Resp: 597246
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.4 16.9 25.3



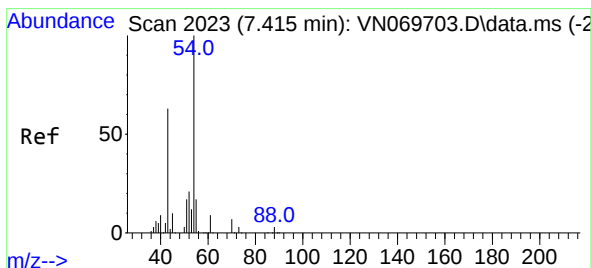
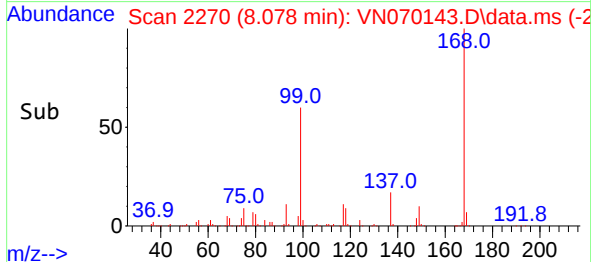
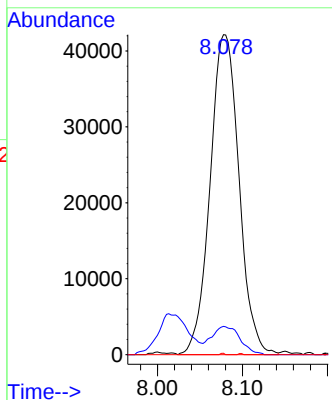


#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.145 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

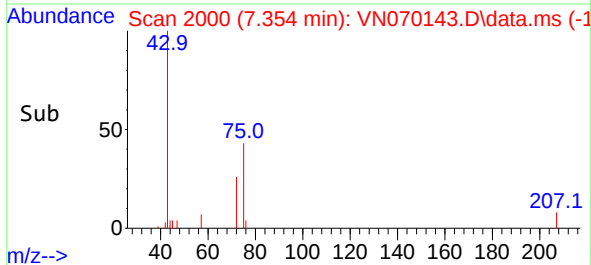
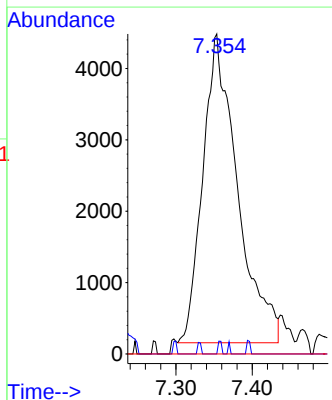
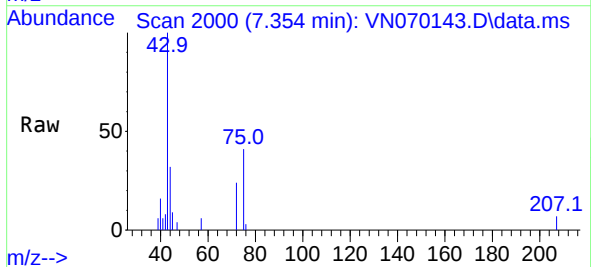


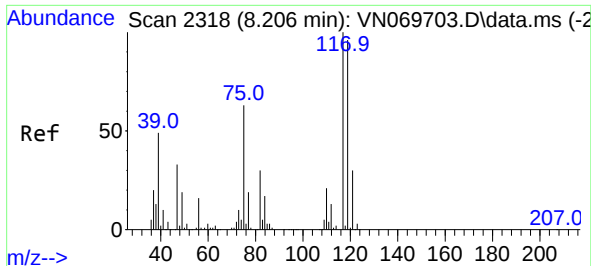
Tgt Ion: 75 Resp: 99669
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.433 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. -0.062 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

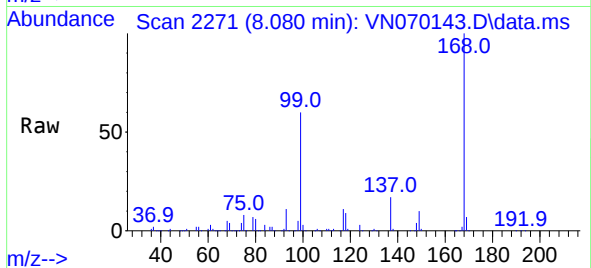
Tgt Ion: 43 Resp: 13606
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



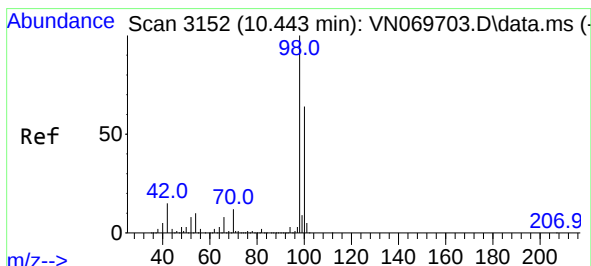
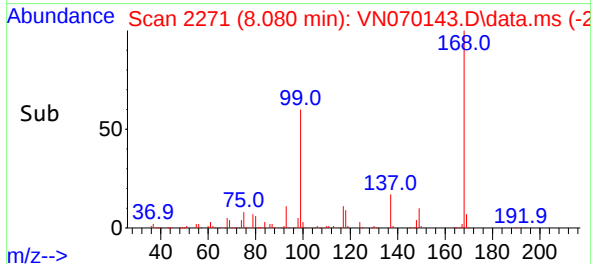
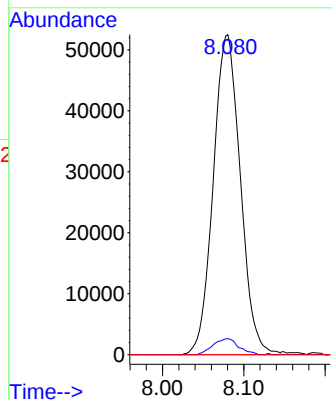


#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

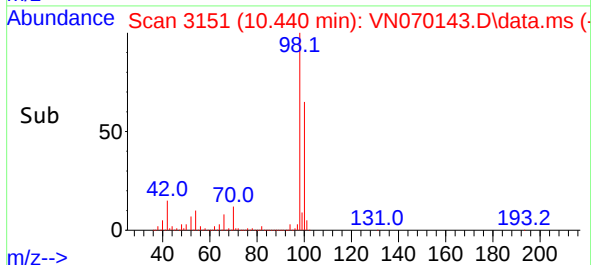
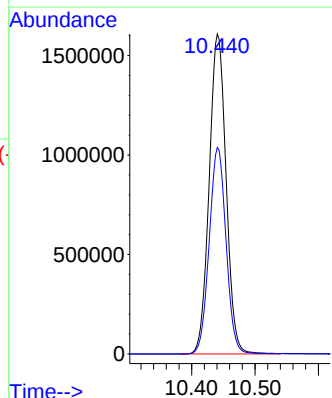
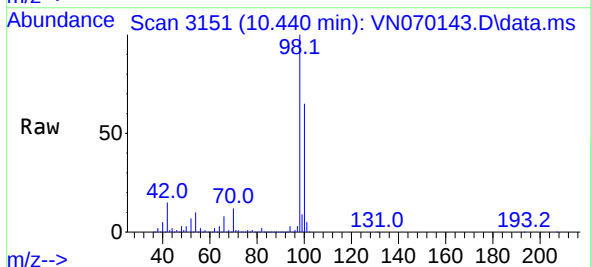


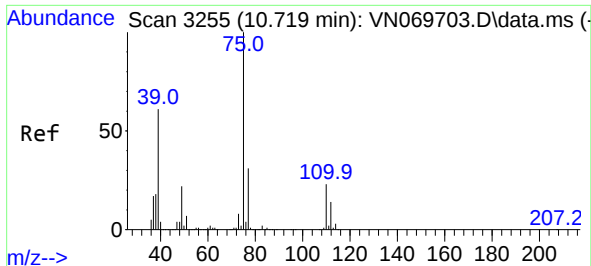
Tgt Ion:117 Resp: 121463
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.451 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

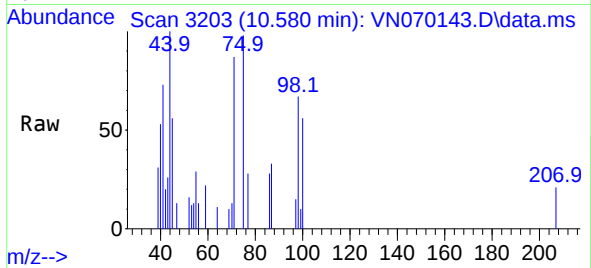
Tgt Ion: 98 Resp: 2984730
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



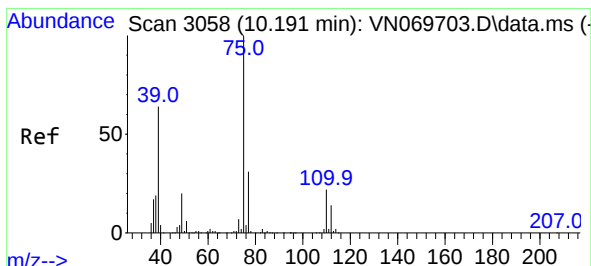
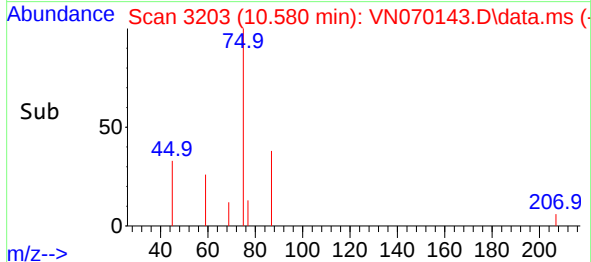
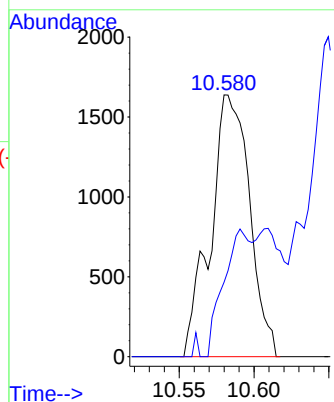


#53
t-1,3-Dichloropropene
Concen: 2.903 ug/l
RT: 10.580 min Scan# 3144
Delta R.T. -0.139 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

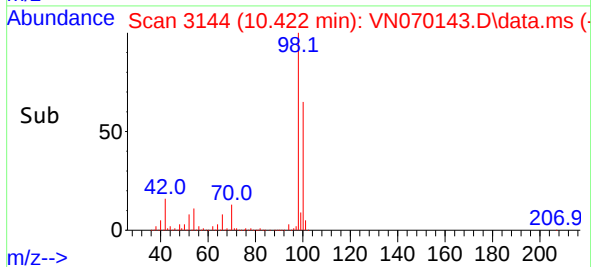
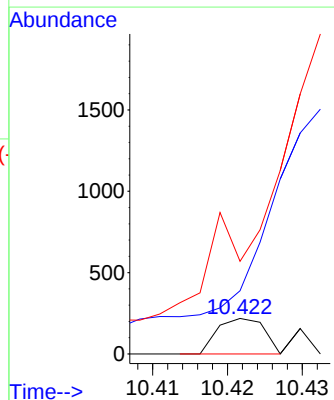
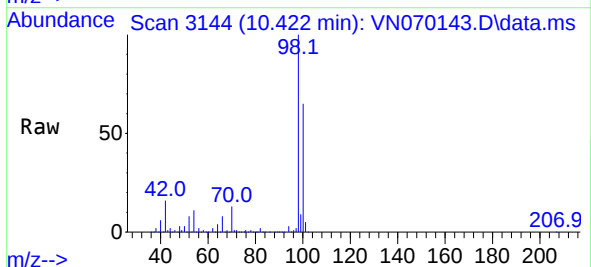


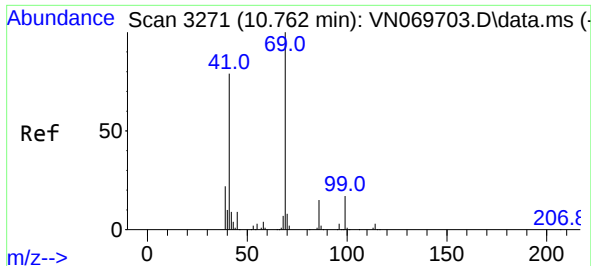
Tgt Ion: 75 Resp: 2975
Ion Ratio Lower Upper
75 100
77 28.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 2.002 ug/l
RT: 10.422 min Scan# 3144
Delta R.T. 0.231 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

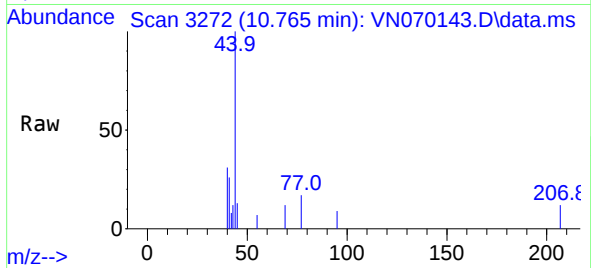
Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
77 73.4 26.4 39.6#
39 116.5 42.5 63.7#



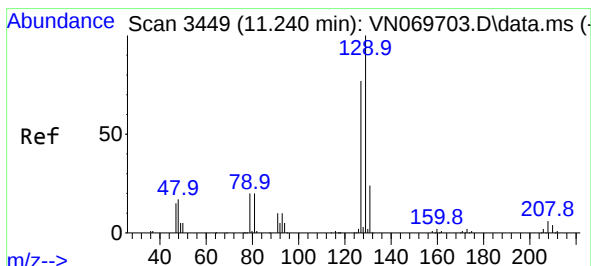
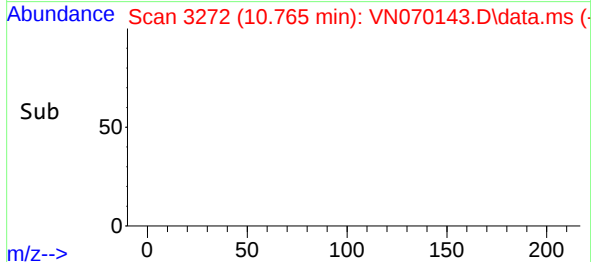
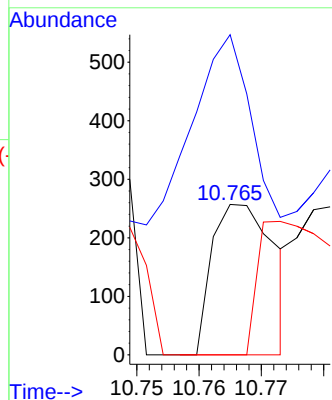


#56
Ethyl methacrylate
Concen: 2.285 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

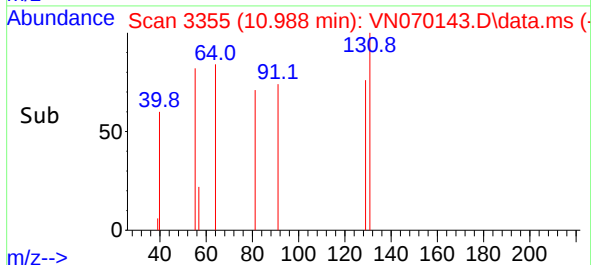
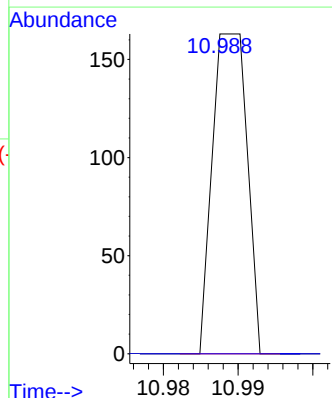
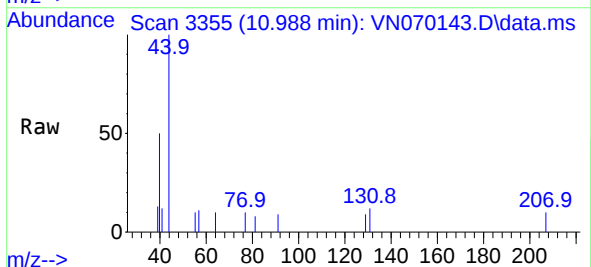


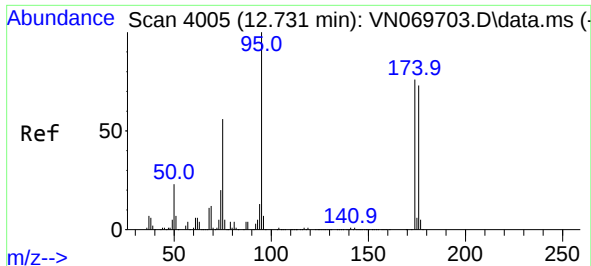
Tgt Ion: 69 Resp: 177
Ion Ratio Lower Upper
69 100
41 115.8 51.4 77.0#
39 0.0 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.988 min Scan# 3355
Delta R.T. -0.252 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Tgt Ion: 129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

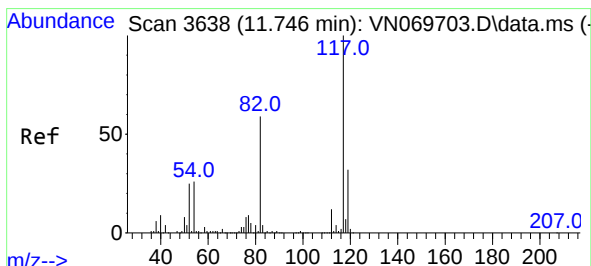
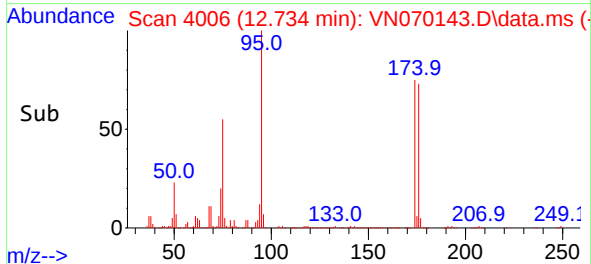
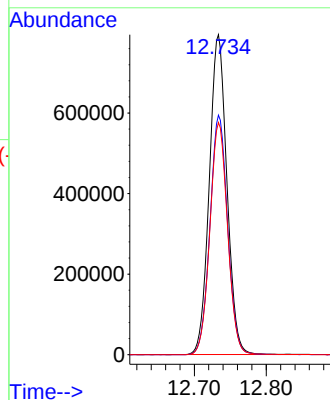
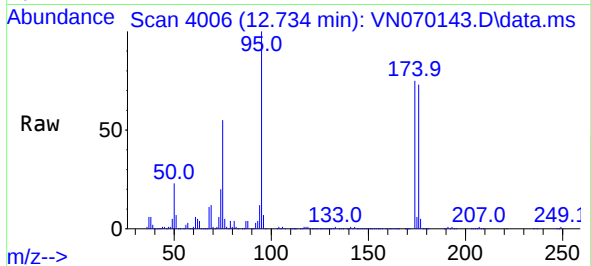




#62
4-Bromofluorobenzene
Concen: 66.868 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

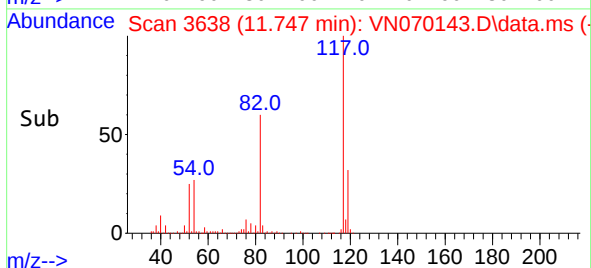
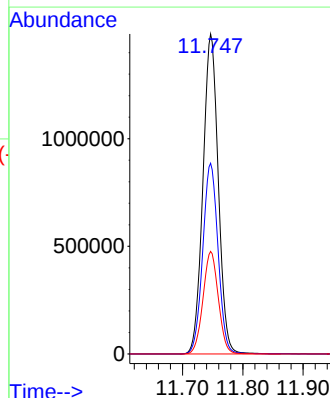
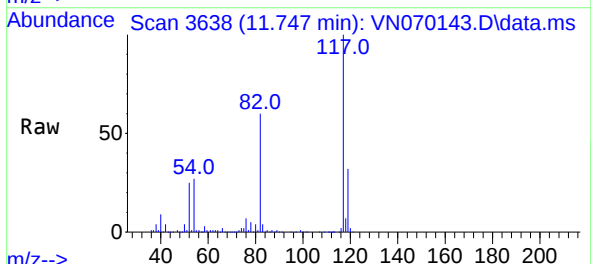
Instrument :
MSVOA_N
ClientSampleId :

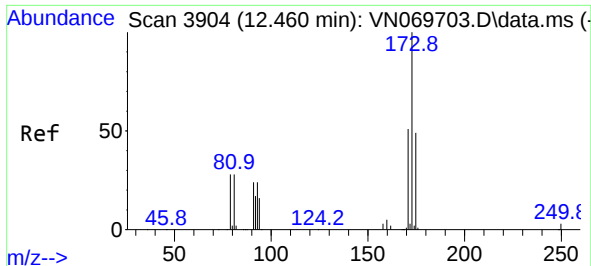
Tgt Ion: 95 Resp: 1352710
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Tgt Ion: 117 Resp: 2625389
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.1 25.4 38.2

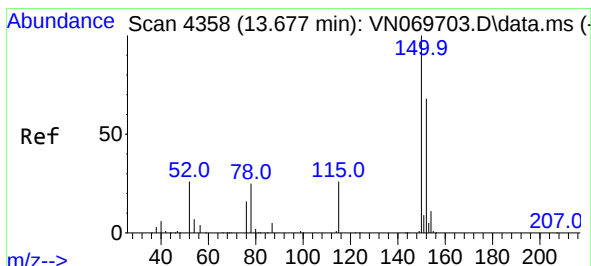
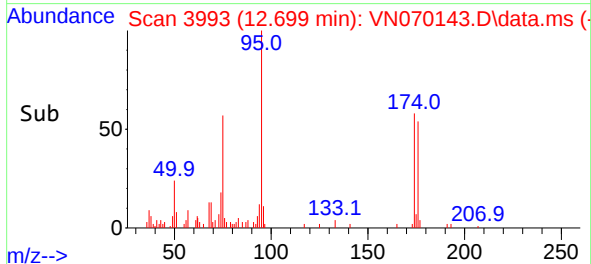
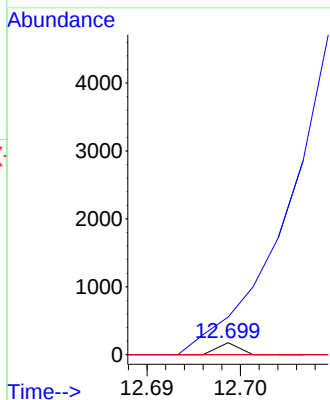
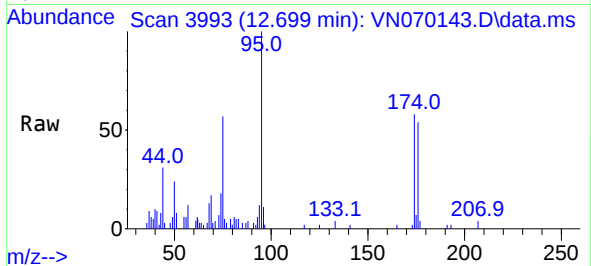




#71
Bromoform
Concen: 2.733 ug/l
RT: 12.699 min Scan# 3904
Delta R.T. 0.239 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

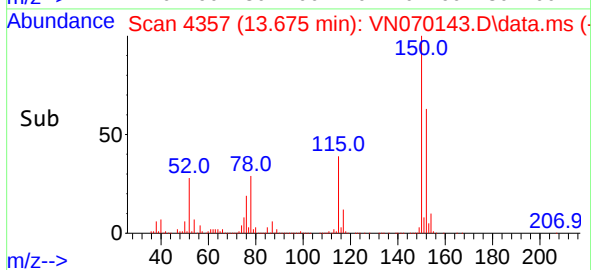
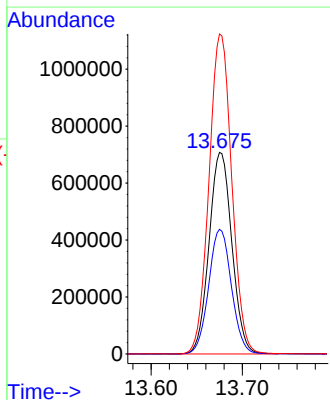
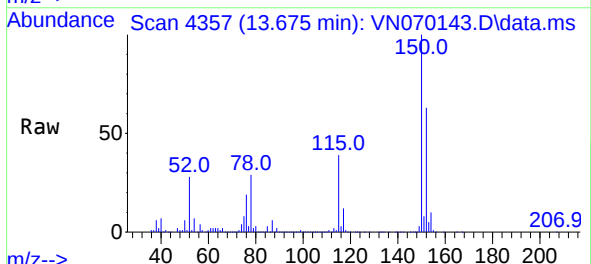
Instrument :
MSVOA_N
ClientSampleId :

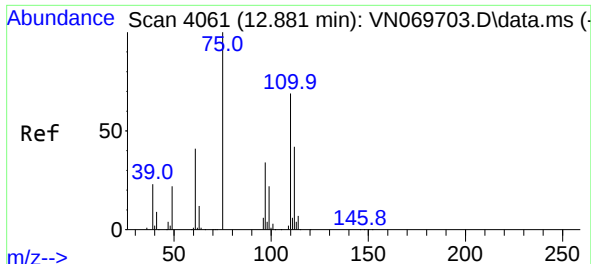
Tgt Ion:173 Resp: 28
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Tgt Ion:152 Resp: 1233842
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 158.1 0.0 344.4

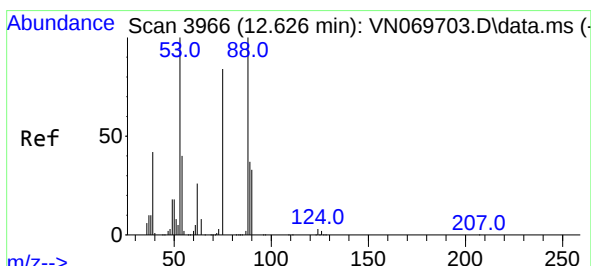
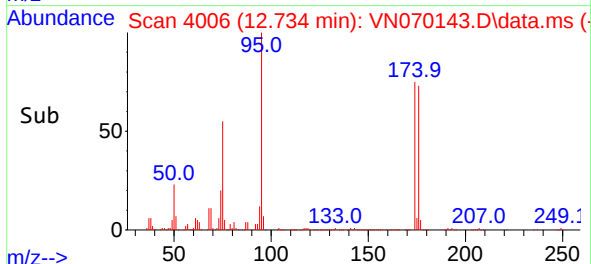
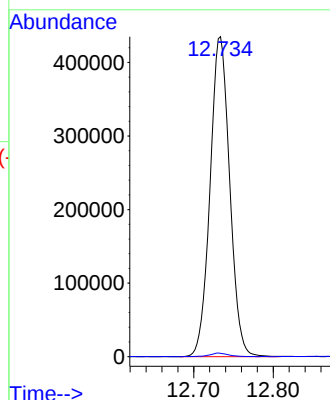
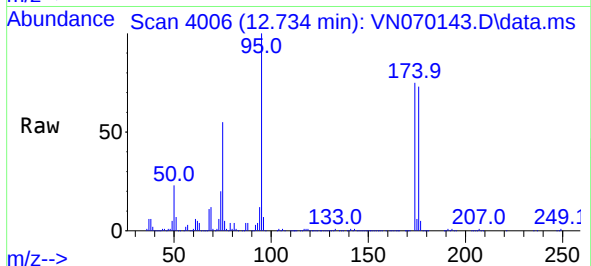




#76
1,2,3-Trichloropropane
Concen: 21.091 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

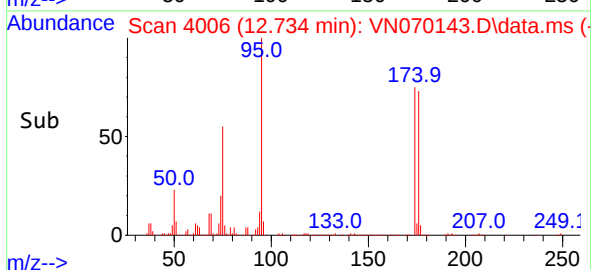
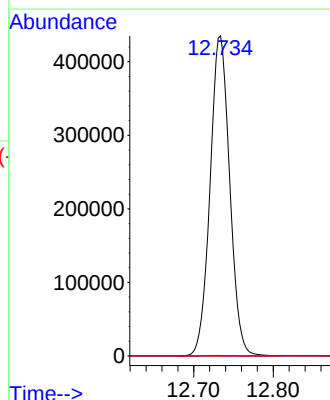
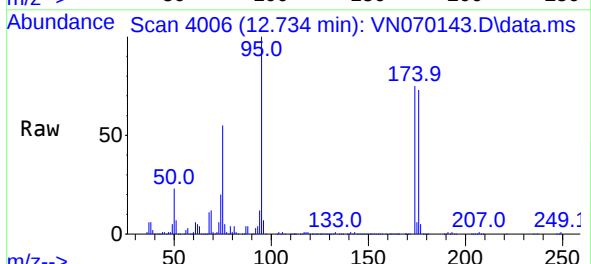
Instrument :
MSVOA_N
ClientSampleId :

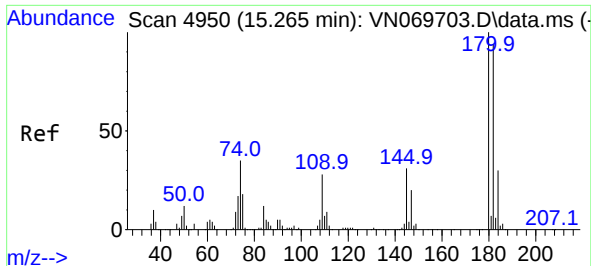
Tgt Ion: 75 Resp: 746296
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.484 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

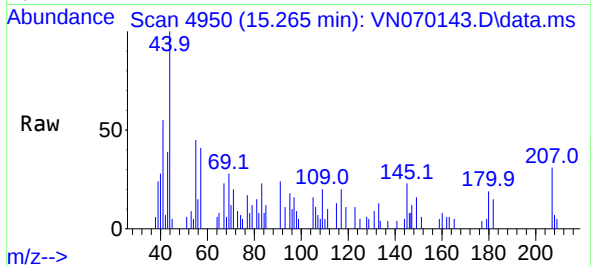
Tgt Ion: 75 Resp: 746296
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



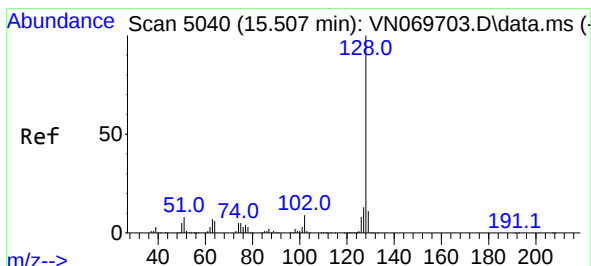
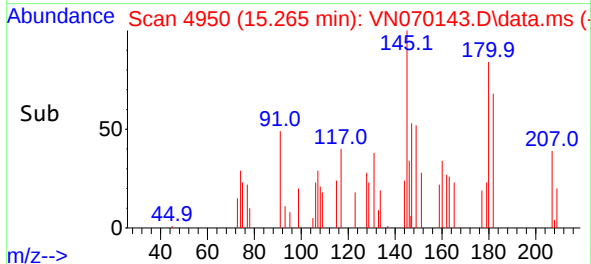
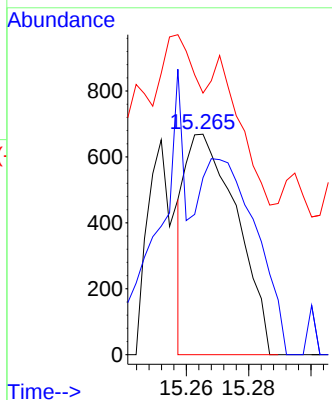


#93
1,2,4-Trichlorobenzene
Concen: 2.914 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :

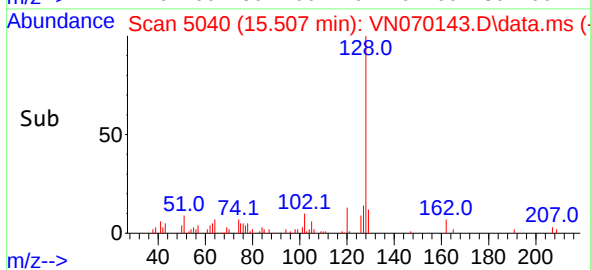
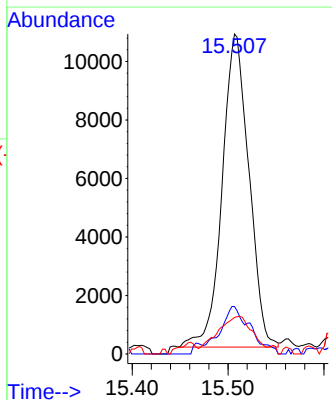
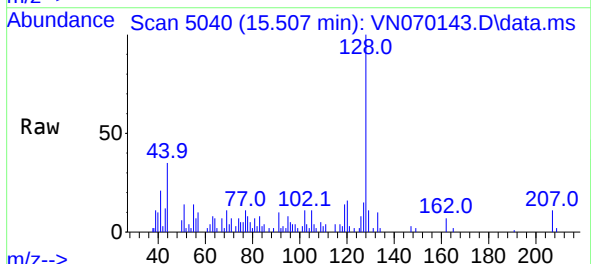


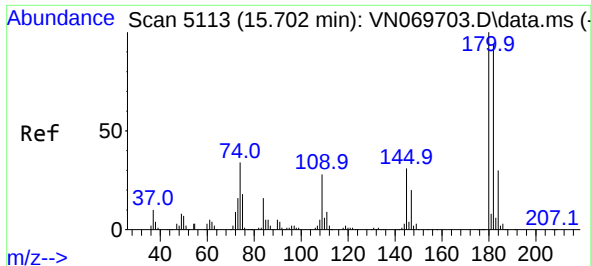
Tgt Ion:180 Resp: 767
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.302 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070143.D
Acq: 16 Dec 2021 17:31

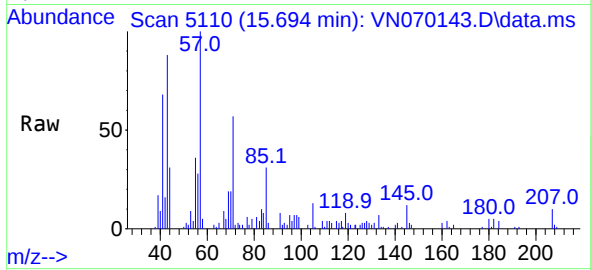
Tgt Ion:128 Resp: 20792
Ion Ratio Lower Upper
128 100
127 16.9 10.5 15.7#
129 12.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.501 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070143.D
 Acq: 16 Dec 2021 17:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1359
 Ion Ratio Lower Upper
 180 100
 182 64.1 47.4 142.2
 145 247.6 15.0 45.1#

