

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070231.D
 Acq On : 20 Dec 2021 11:00
 Operator : JC/MD
 Sample : VN1220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 15:08:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

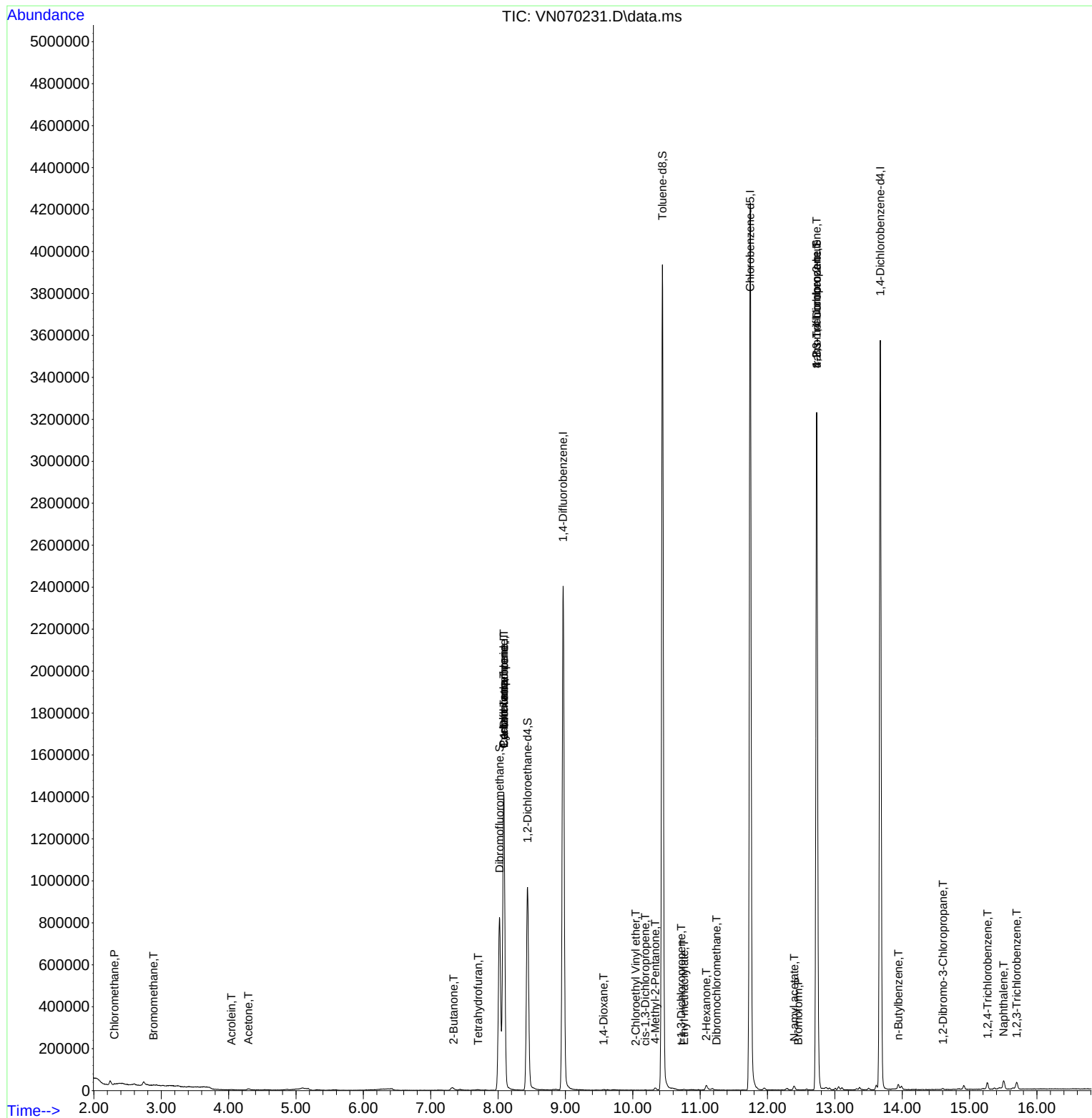
Internal Standards						
1) Pentafluorobenzene	8.086	168	1085228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2058614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2399069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	973965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	846373	50.512	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.020%			
35) Dibromofluoromethane	8.021	113	612779	47.522	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.040%			
50) Toluene-d8	10.440	98	2736827	52.858	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.731	95	1182584	63.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 126.100%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	3306	0.208	ug/l	99
5) Bromomethane	2.885	94	1903	0.240	ug/l	87
13) Acrolein	4.041	56	903	0.335	ug/l #	52
16) Acetone	4.293	43	9969	0.989	ug/l #	87
25) 2-Butanone	7.340	43	4469	0.326	ug/l #	77
29) Tetrahydrofuran	7.705	42	2761	0.332	ug/l #	62
31) Cyclohexane	8.083	56	26943	1.155	ug/l #	24
36) 1,1-Dichloropropene	8.086	75	92213	4.705	ug/l #	49
38) Carbon Tetrachloride	8.086	117	109226	5.684	ug/l #	16
49) 1,4-Dioxane	9.566	88	198	0.548	ug/l #	1
51) 4-Methyl-2-Pentanone	10.336	43	9514	0.340	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	792	2.825	ug/l #	55
54) cis-1,3-Dichloropropene	10.186	75	242	2.008	ug/l #	50
56) Ethyl methacrylate	10.762	69	1866	2.343	ug/l #	56
58) 2-Chloroethyl Vinyl ether	10.043	63	146	18.407	ug/l #	45
59) 2-Hexanone	11.089	43	19480	0.920	ug/l	98
60) Dibromochloromethane	11.245	129	80	2.381	ug/l #	1
71) Bromoform	12.460	173	505	2.763	ug/l #	29
74) N-amyl acetate	12.395	43	12968	0.338	ug/l #	94
76) 1,2,3-Trichloropropane	12.731	75	646397	23.143	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	646397	73.652	ug/l #	5
89) n-Butylbenzene	13.943	91	13044	0.246	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	1529	0.282	ug/l	56
93) 1,2,4-Trichlorobenzene	15.268	180	11094	3.532	ug/l	94
95) Naphthalene	15.504	128	37441	4.709	ug/l	96
96) 1,2,3-Trichlorobenzene	15.700	180	11745	3.153	ug/l	94

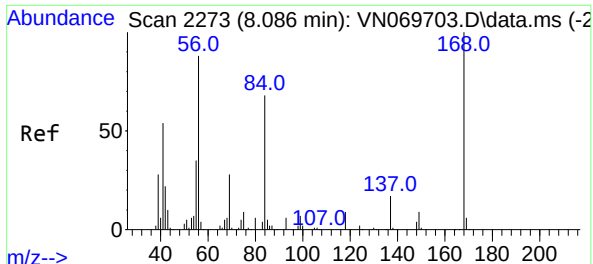
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070231.D
Acq On : 20 Dec 2021 11:00
Operator : JC/MD
Sample : VN1220MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

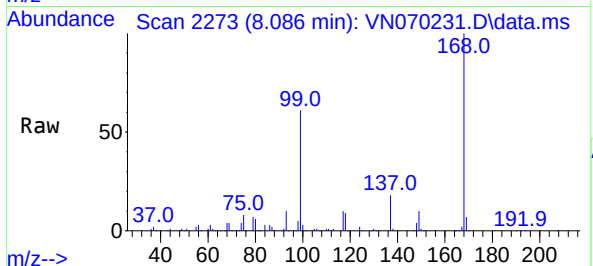
Quant Time: Dec 20 15:08:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



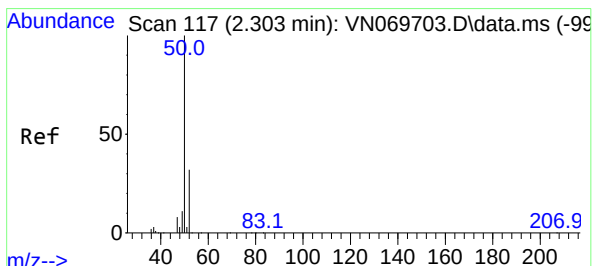
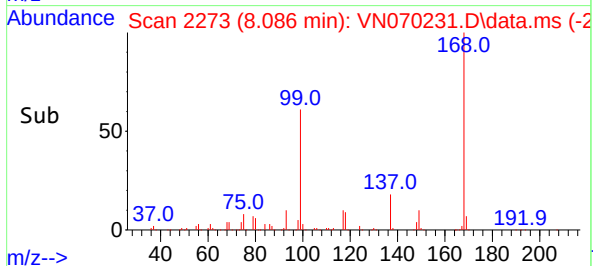
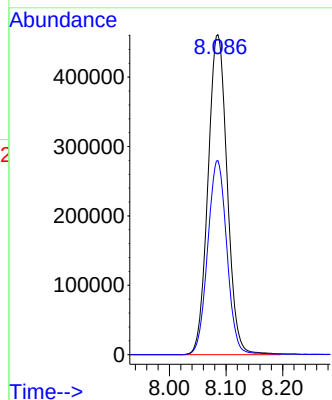


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

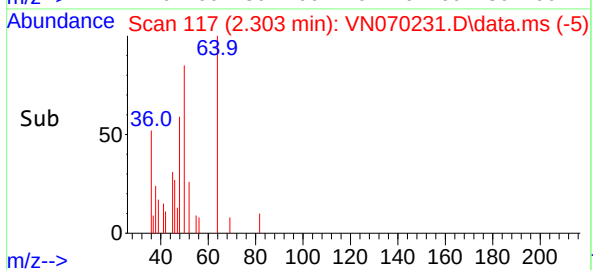
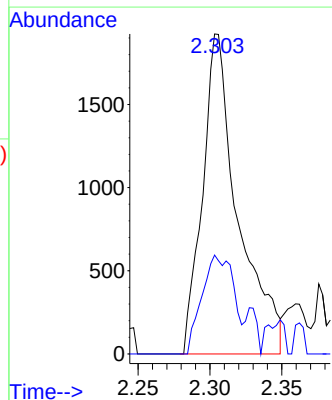
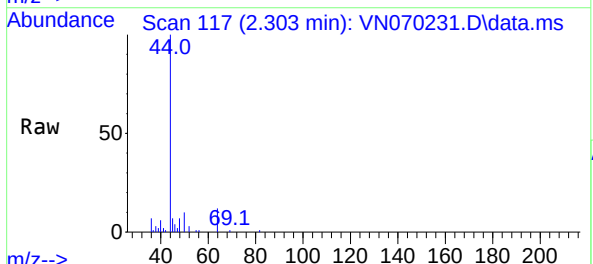


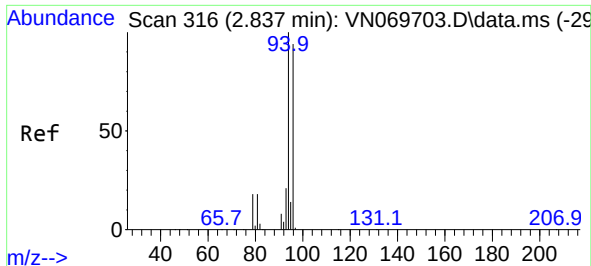
Tgt Ion:168 Resp: 1085228
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

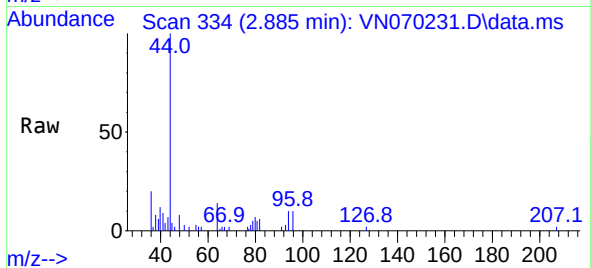
Tgt Ion: 50 Resp: 3306
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0



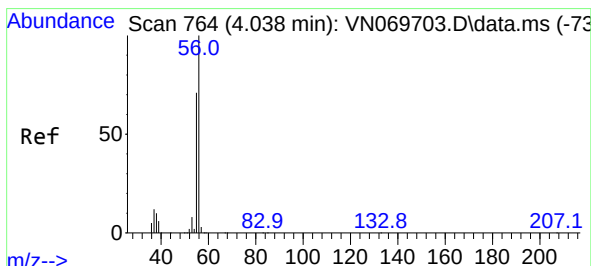
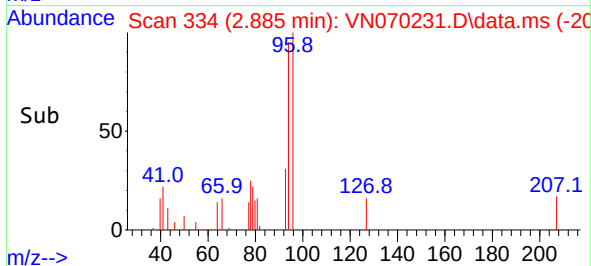
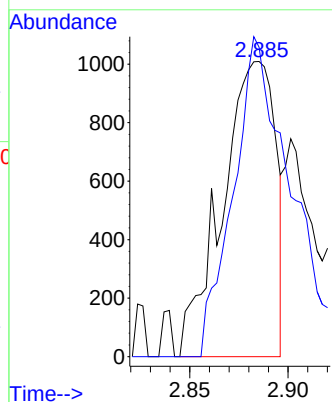


#5
Bromomethane
Concen: 0.240 ug/l
RT: 2.885 min Scan# 316
Delta R.T. 0.048 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

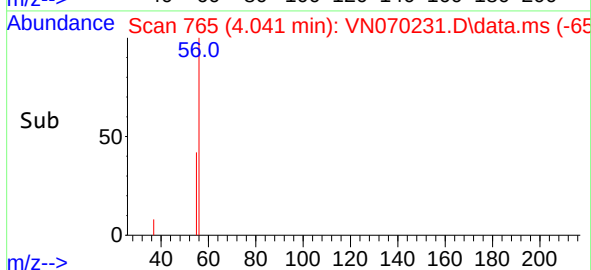
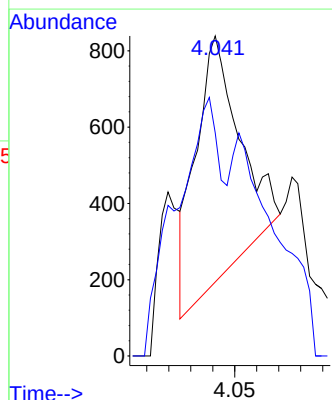
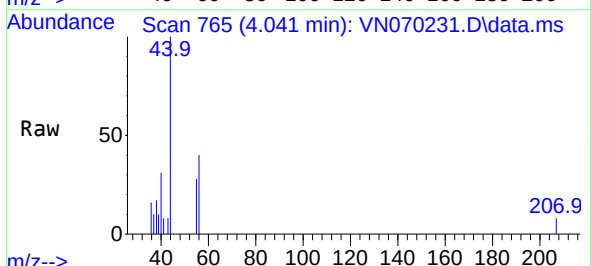


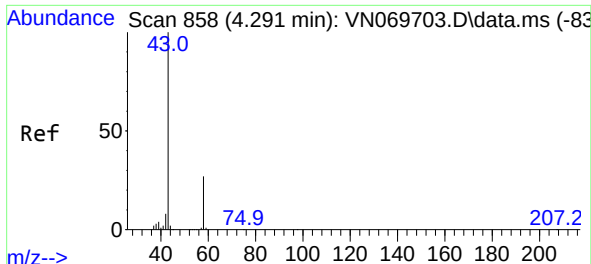
Tgt Ion: 94 Resp: 1903
Ion Ratio Lower Upper
94 100
96 104.9 73.8 110.8



#13
Acrolein
Concen: 0.335 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 56 Resp: 903
Ion Ratio Lower Upper
56 100
55 110.1 56.6 85.0#

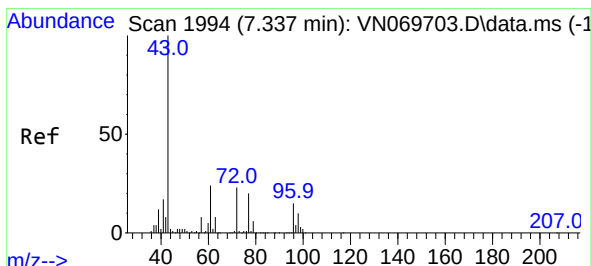
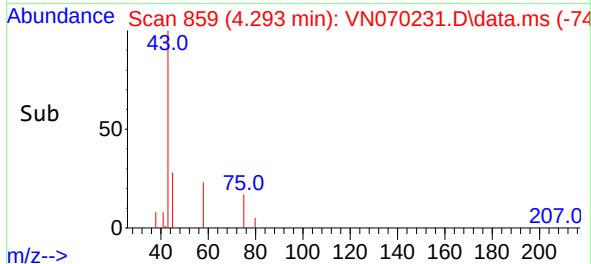
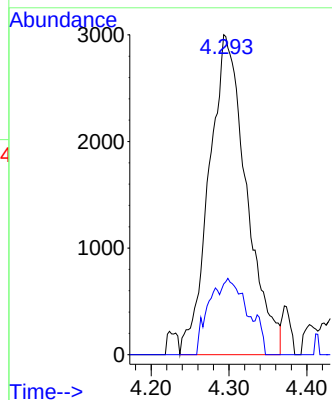
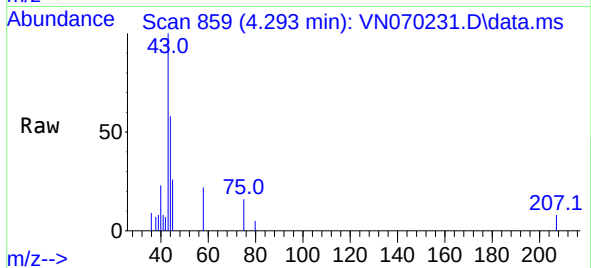




#16
Acetone
Concen: 0.989 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

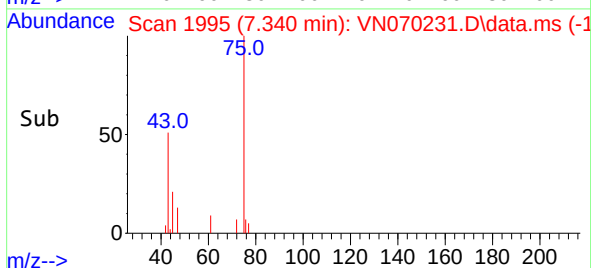
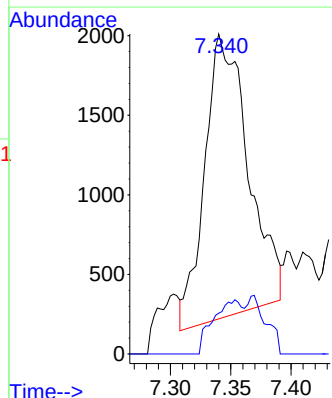
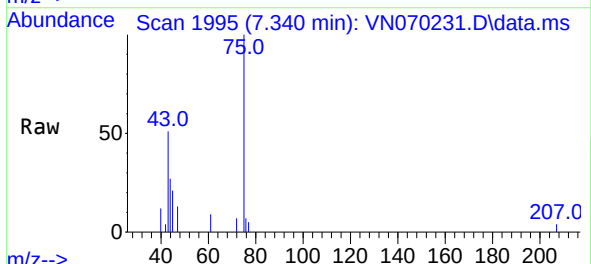
Instrument :
MSVOA_N
ClientSampleId :

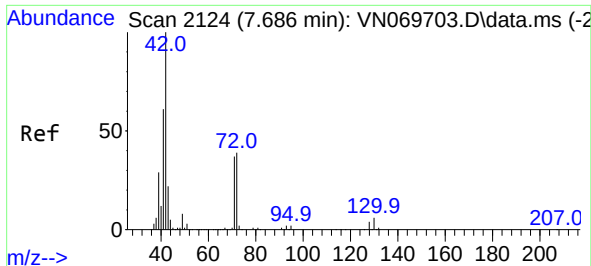
Tgt Ion: 43 Resp: 9969
Ion Ratio Lower Upper
43 100
58 22.1 23.1 34.7#



#25
2-Butanone
Concen: 0.326 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

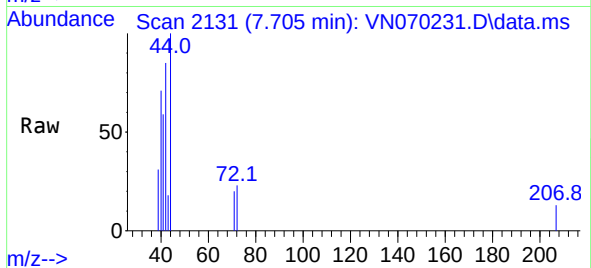
Tgt Ion: 43 Resp: 4469
Ion Ratio Lower Upper
43 100
72 15.4 21.7 32.5#



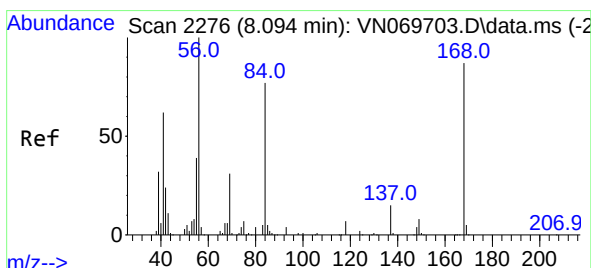
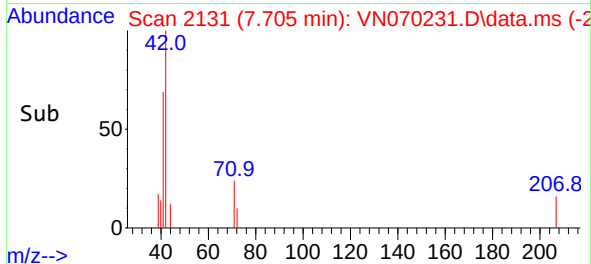
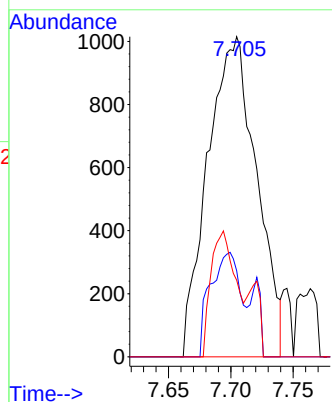


#29
Tetrahydrofuran
Concen: 0.332 ug/l
RT: 7.705 min Scan# 2124
Delta R.T. 0.019 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

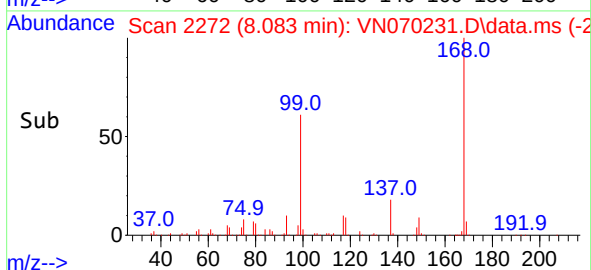
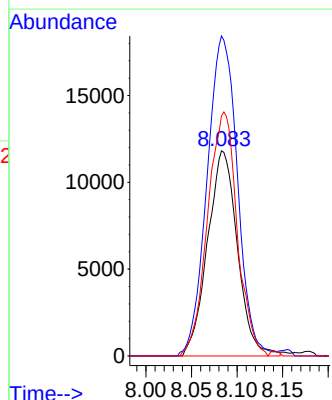
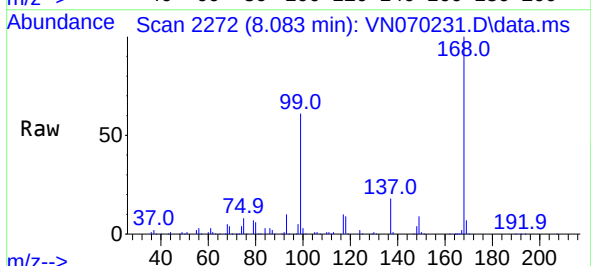


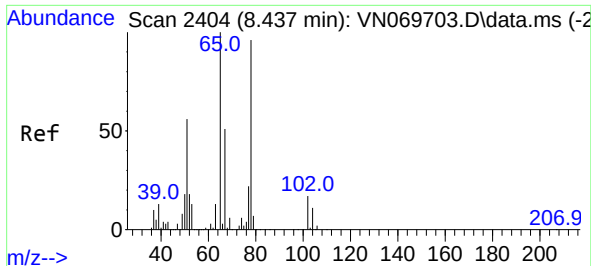
Tgt Ion: 42 Resp: 2761
Ion Ratio Lower Upper
42 100
72 20.2 36.3 54.5#
71 19.8 34.7 52.1#



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 56 Resp: 26943
Ion Ratio Lower Upper
56 100
69 154.2 27.1 40.7#
84 117.0 73.4 110.0#

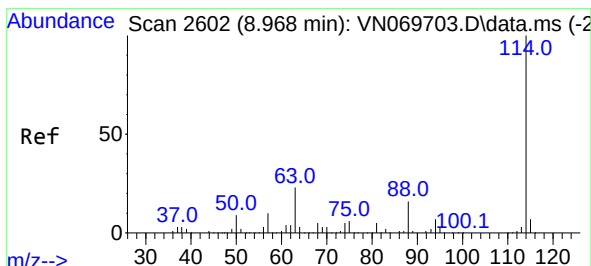
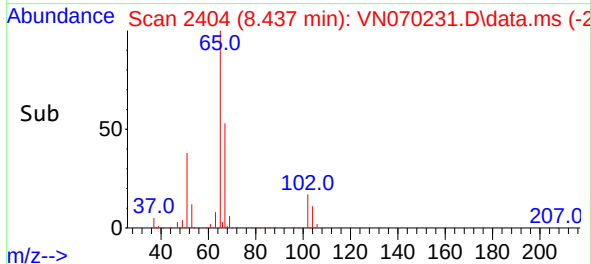
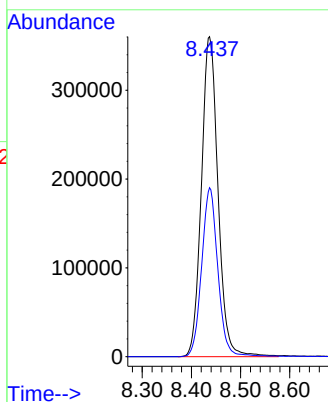
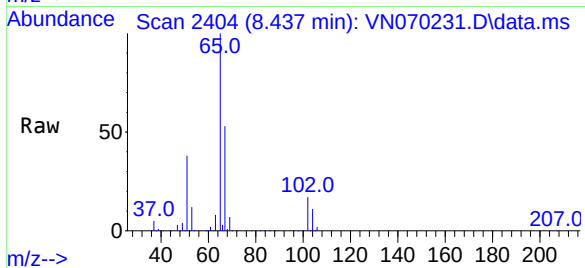




#33
 1,2-Dichloroethane-d4
 Concen: 50.512 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070231.D
 Acq: 20 Dec 2021 11:00

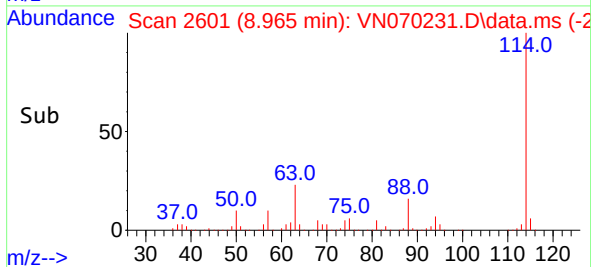
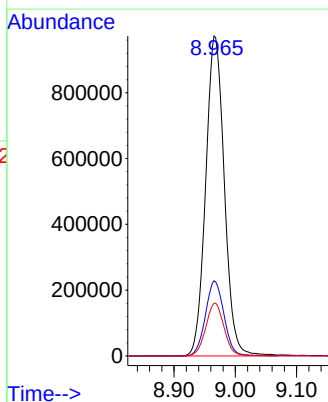
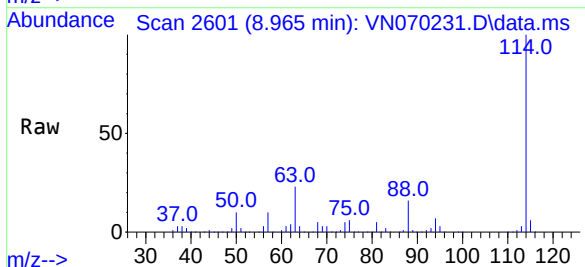
Instrument :
 MSVOA_N
 ClientSampleId :

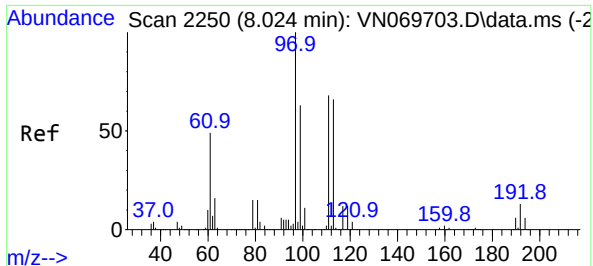
Tgt Ion: 65 Resp: 846373
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070231.D
 Acq: 20 Dec 2021 11:00

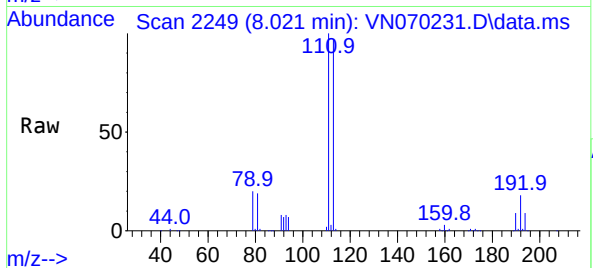
Tgt Ion: 114 Resp: 2058614
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 37.8
 88 16.4 0.0 27.4



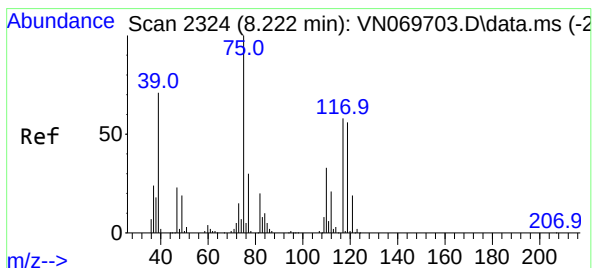
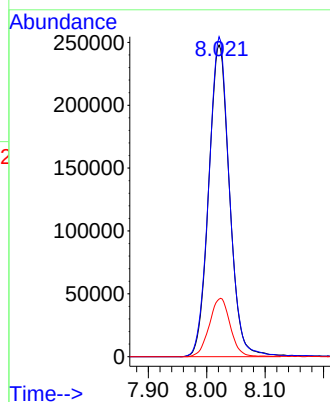
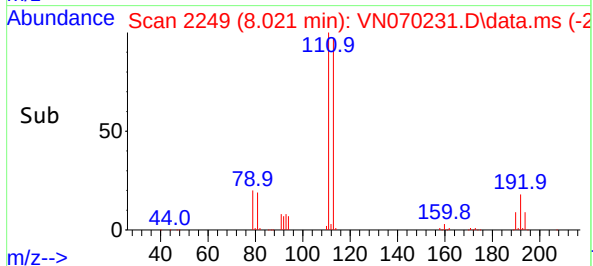


#35
Dibromofluoromethane
Concen: 47.522 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

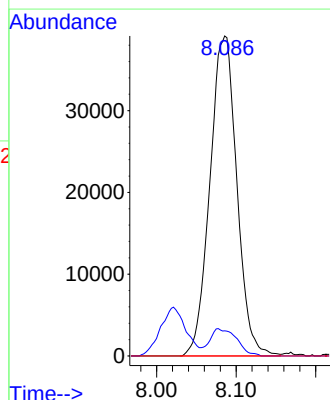
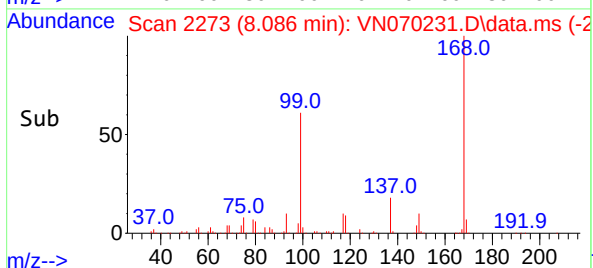
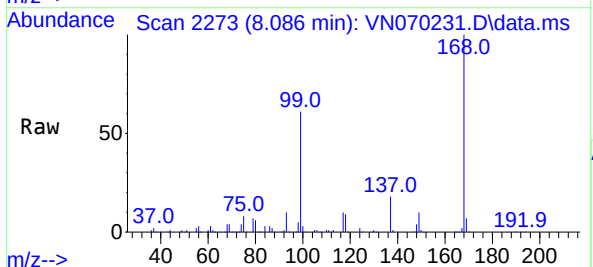


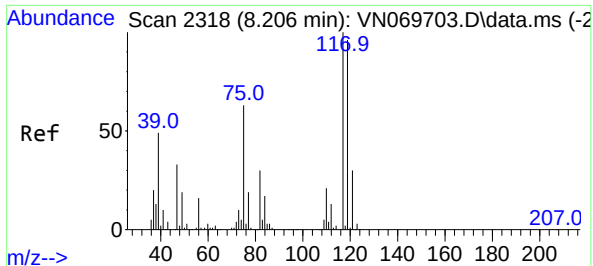
Tgt Ion:113 Resp: 612779
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

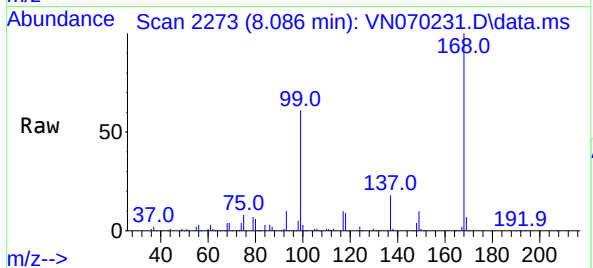
Tgt Ion: 75 Resp: 92213
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



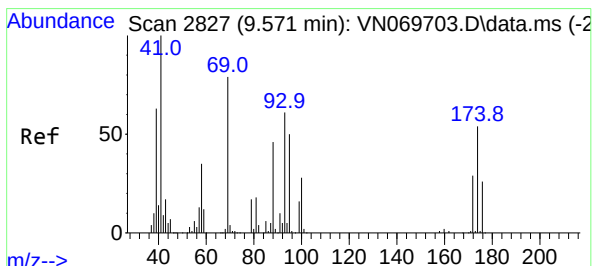
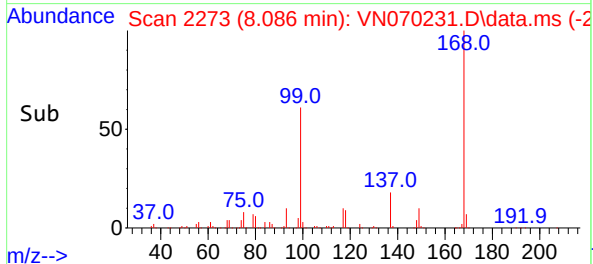
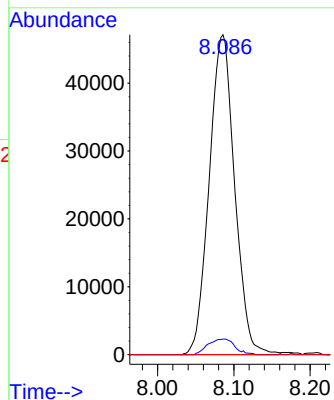


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

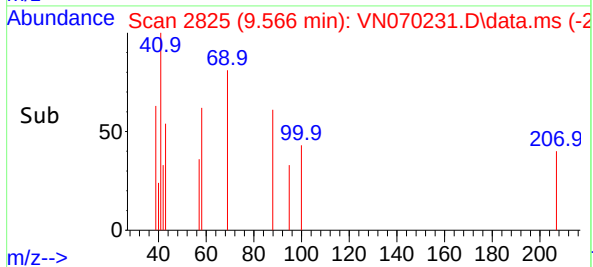
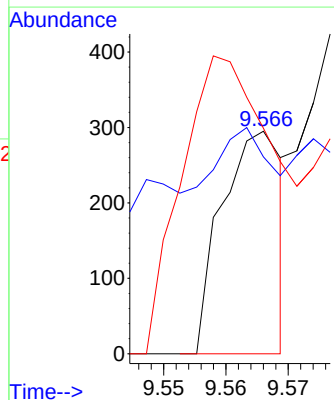
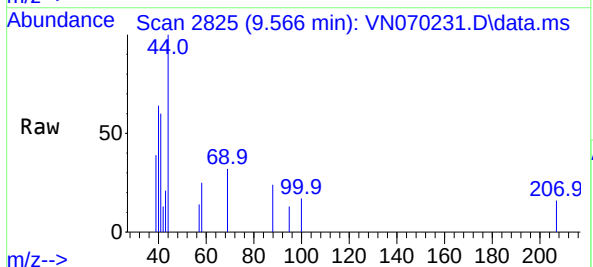


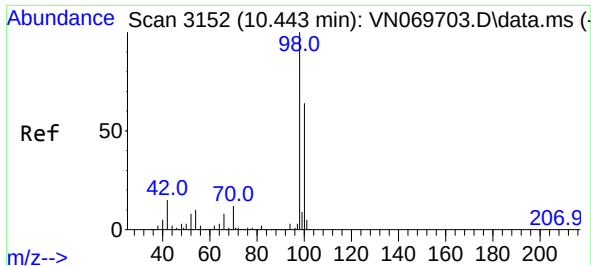
Tgt Ion:117 Resp: 109226
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 0.548 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.005 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 210.6 50.6 75.8#

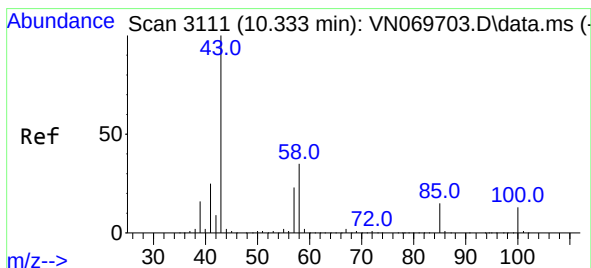
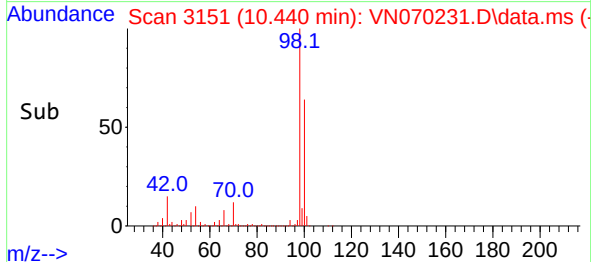
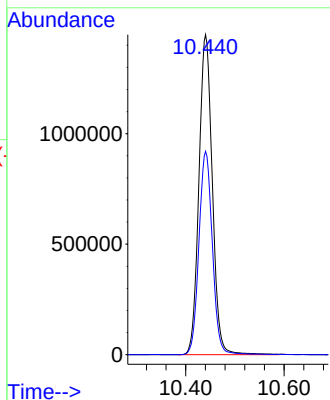
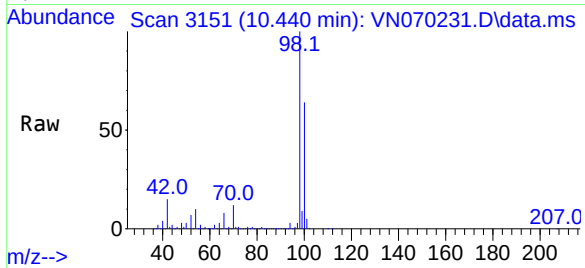




#50
Toluene-d8
Concen: 52.858 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

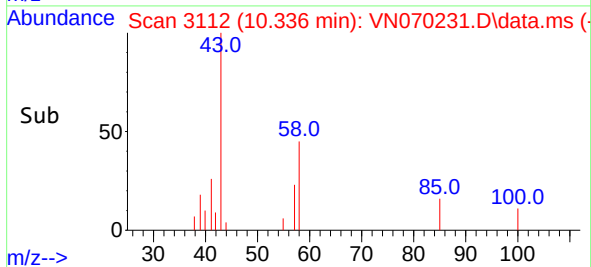
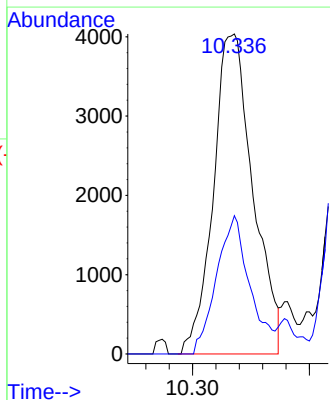
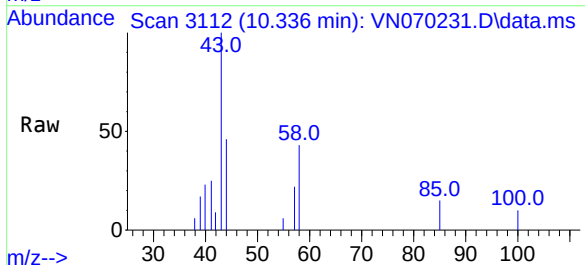
Instrument :
MSVOA_N
ClientSampleId :

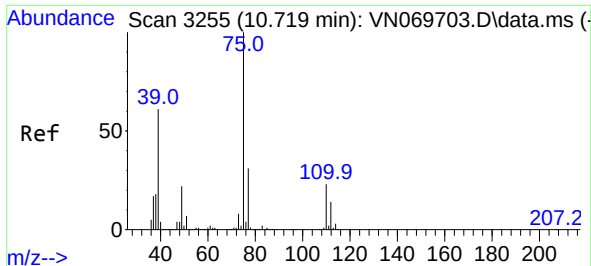
Tgt Ion: 98 Resp: 2736827
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.340 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

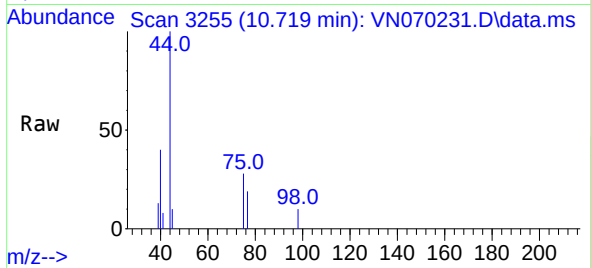
Tgt Ion: 43 Resp: 9514
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6



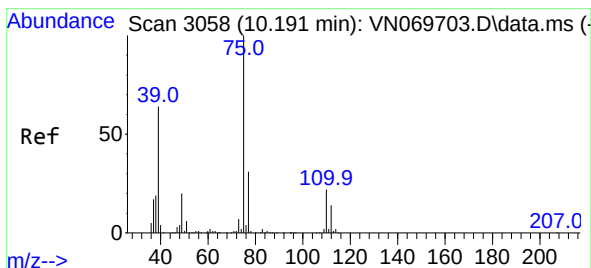
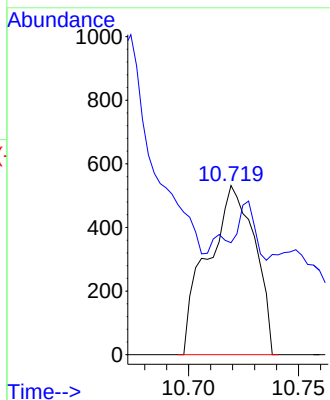
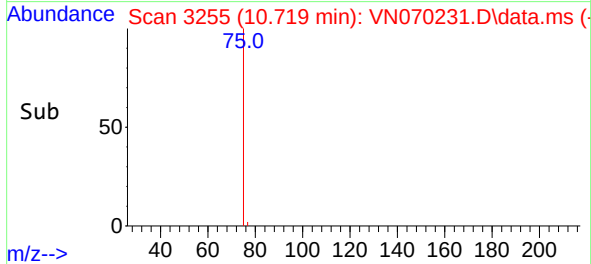


#53
t-1,3-Dichloropropene
Concen: 2.825 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

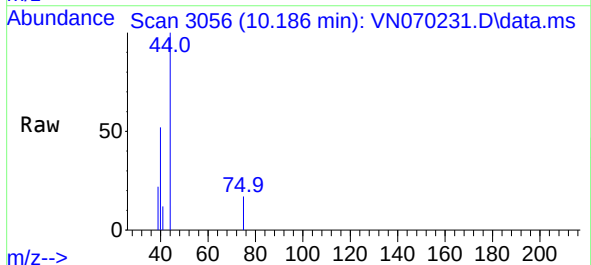
Instrument :
MSVOA_N
ClientSampleId :



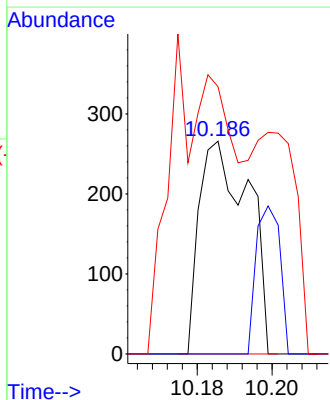
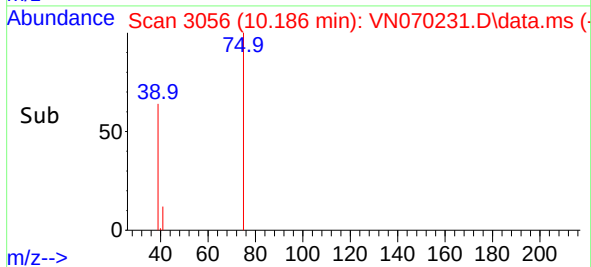
Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
77 7.1 25.6 38.4#

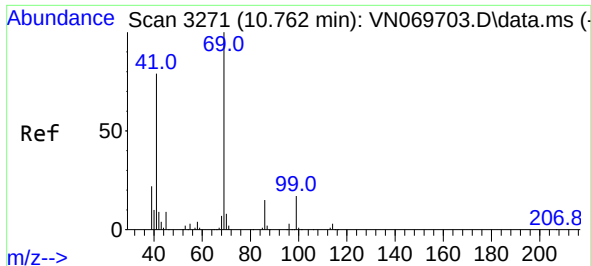


#54
cis-1,3-Dichloropropene
Concen: 2.008 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.005 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00



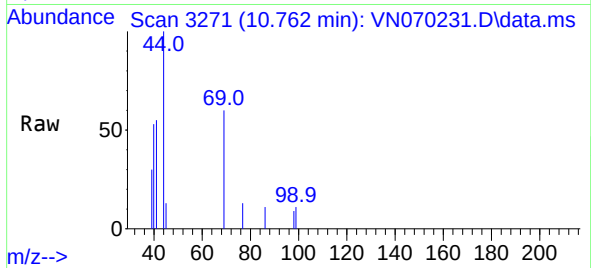
Tgt Ion: 75 Resp: 242
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 21.8 42.5 63.7#



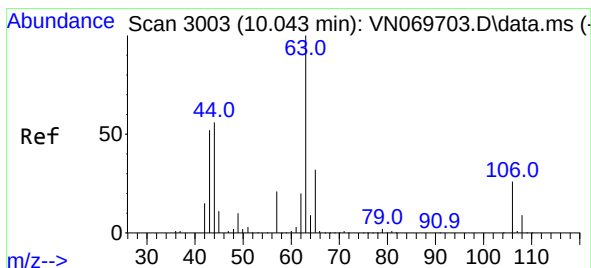
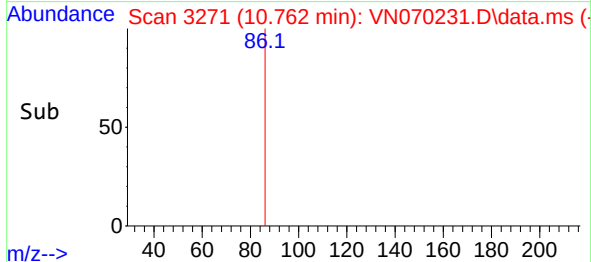
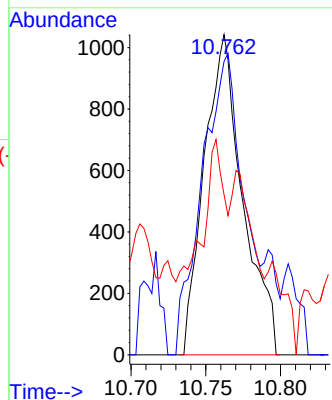


#56
Ethyl methacrylate
Concen: 2.343 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

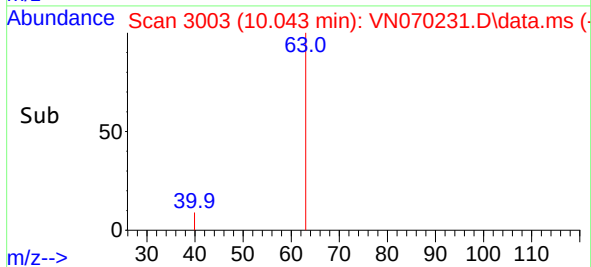
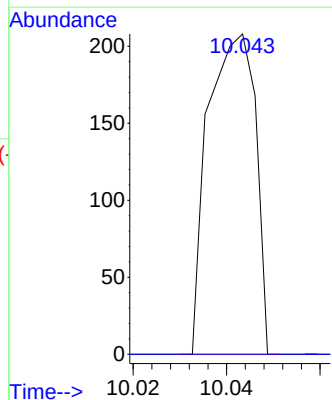
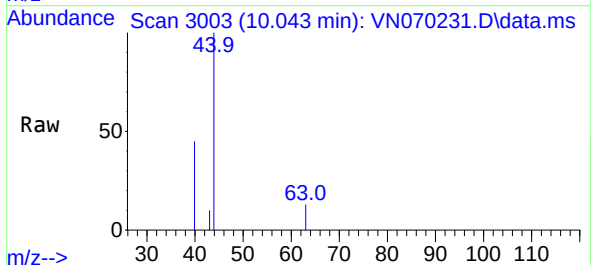


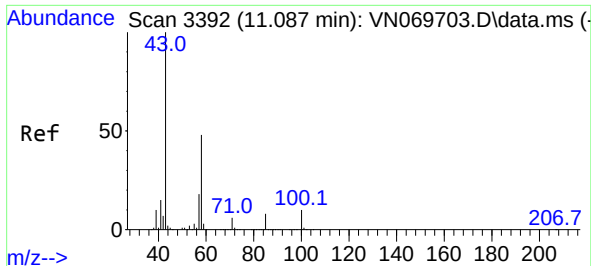
Tgt Ion: 69 Resp: 1866
Ion Ratio Lower Upper
69 100
41 101.1 51.4 77.0#
39 17.5 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.407 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 63 Resp: 146
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

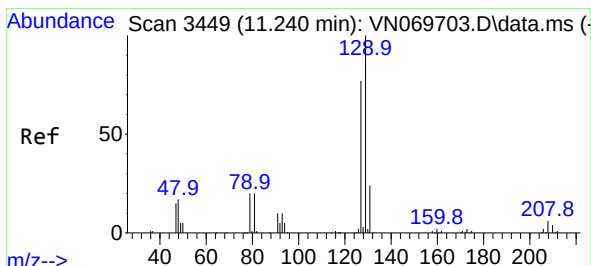
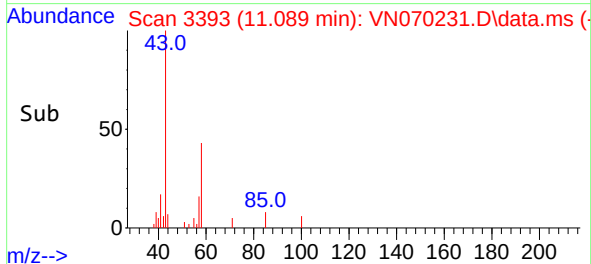
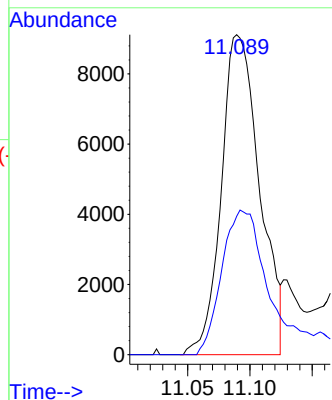
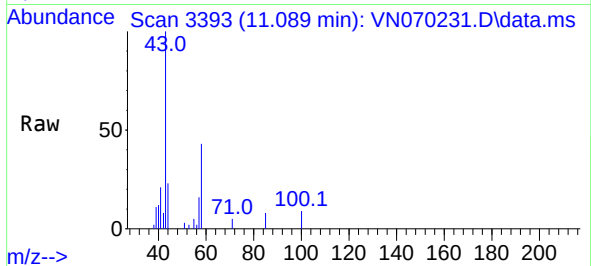




#59
2-Hexanone
Concen: 0.920 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

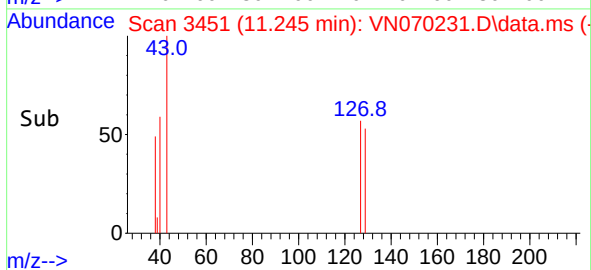
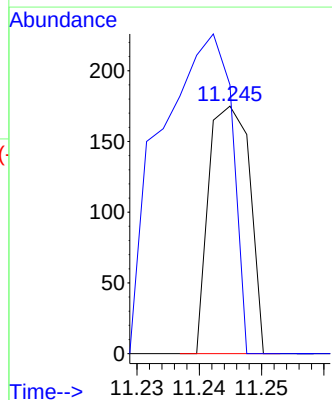
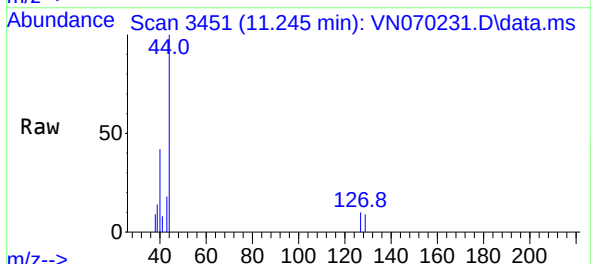
Instrument :
MSVOA_N
ClientSampleId :

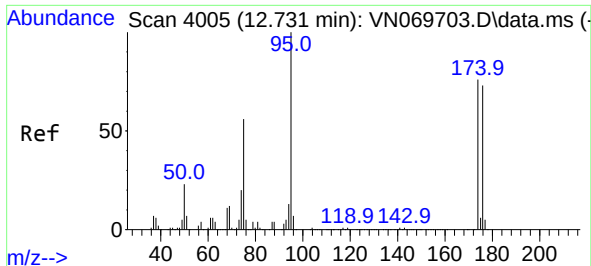
Tgt Ion: 43 Resp: 19480
Ion Ratio Lower Upper
43 100
58 55.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.005 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 129 Resp: 80
Ion Ratio Lower Upper
129 100
127 225.0 38.6 116.0#

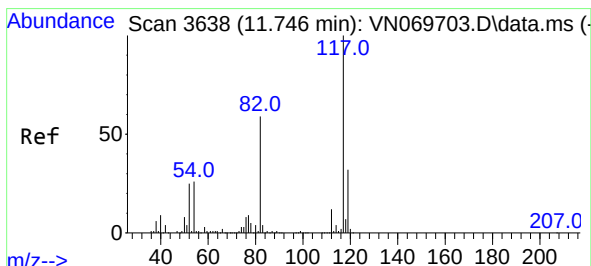
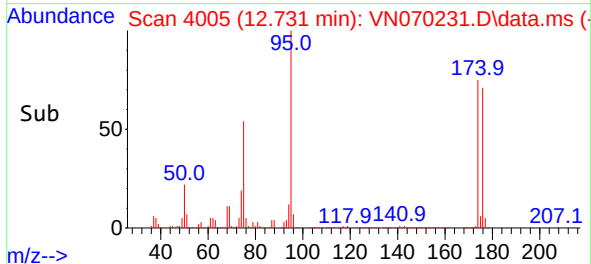
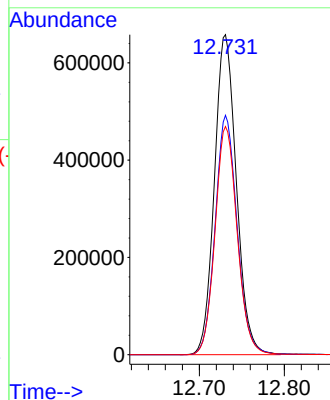
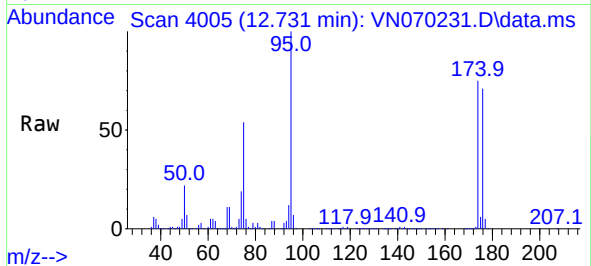




#62
4-Bromofluorobenzene
Concen: 63.046 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

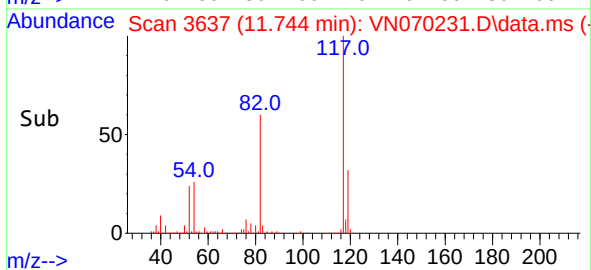
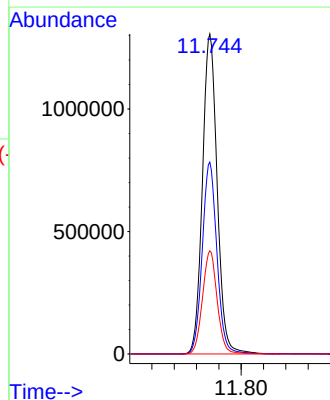
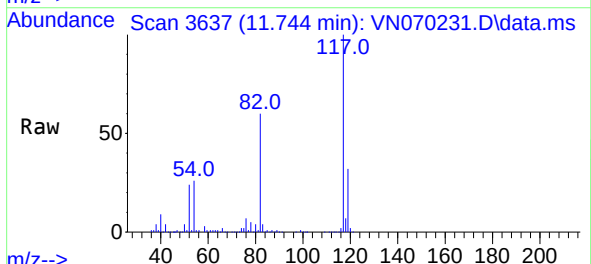
Instrument :
MSVOA_N
ClientSampleId :

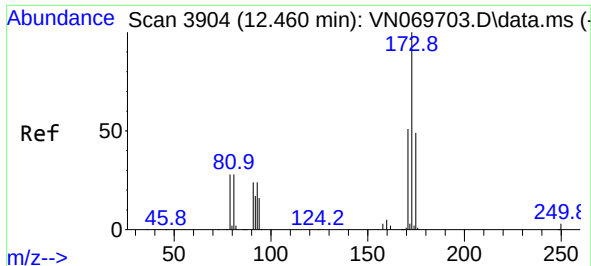
Tgt Ion: 95 Resp: 1182584
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 117 Resp: 2399069
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.3 25.4 38.2

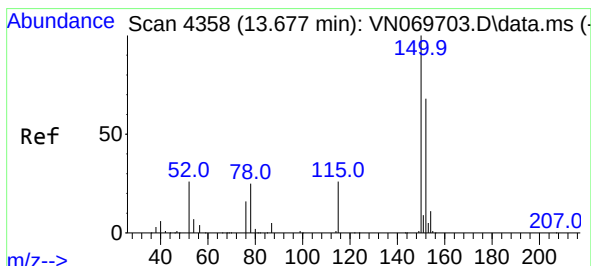
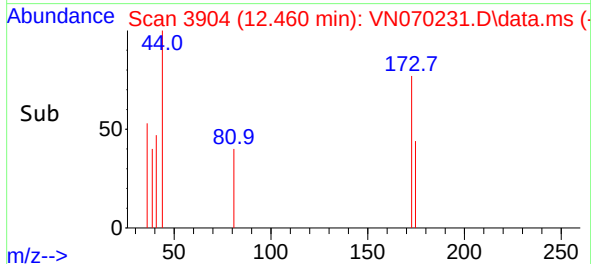
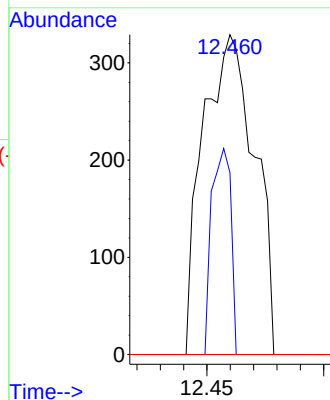
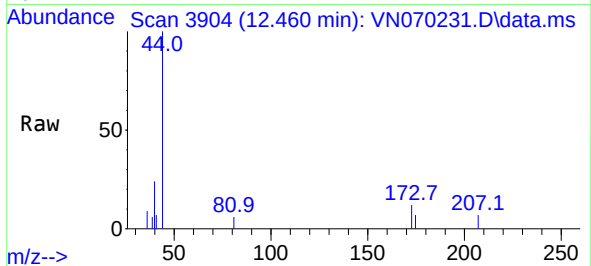




#71
Bromoform
Concen: 2.763 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

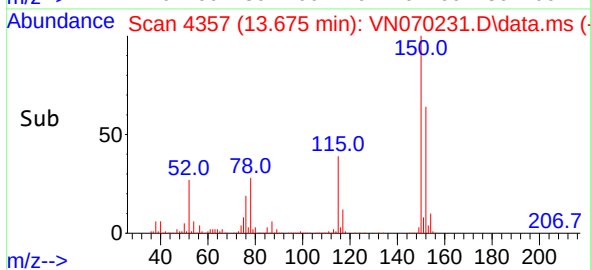
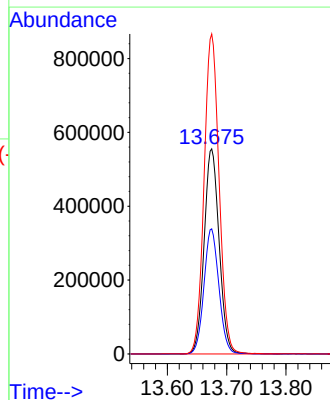
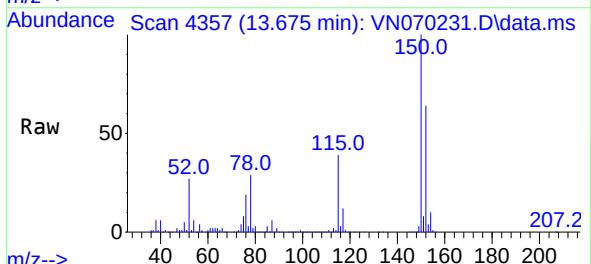
Instrument :
MSVOA_N
ClientSampleId :

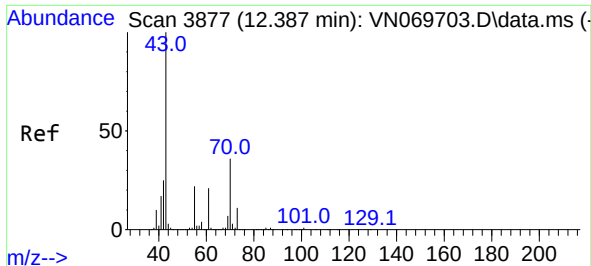
Tgt Ion:173 Resp: 505
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

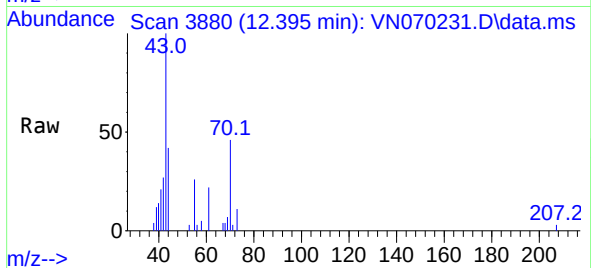
Tgt Ion:152 Resp: 973965
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 155.6 0.0 344.4



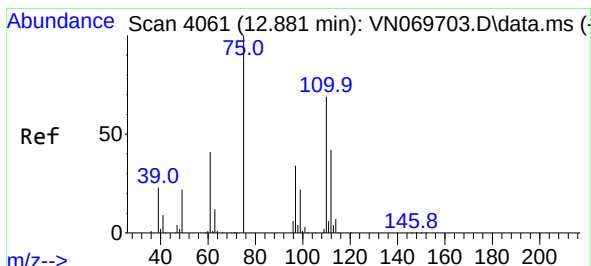
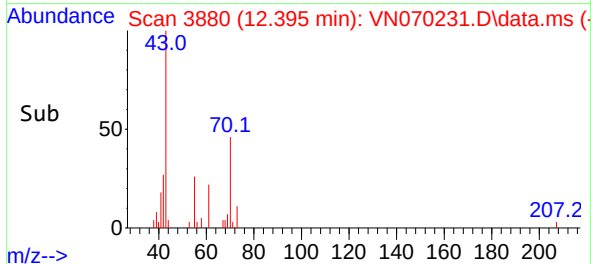
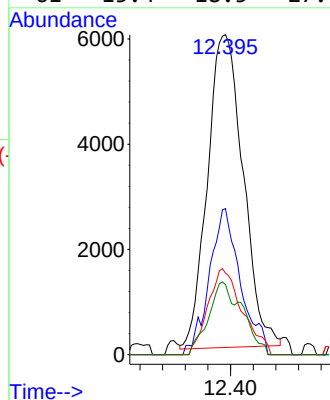


#74
N-amy1 acetate
Concen: 0.338 ug/l
RT: 12.395 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

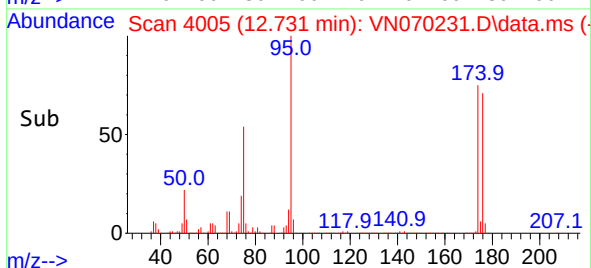
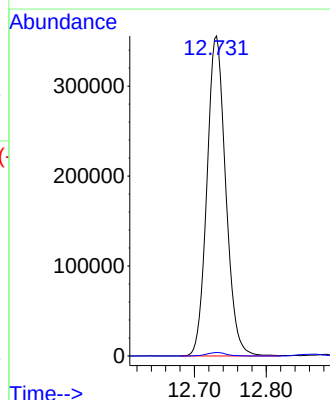
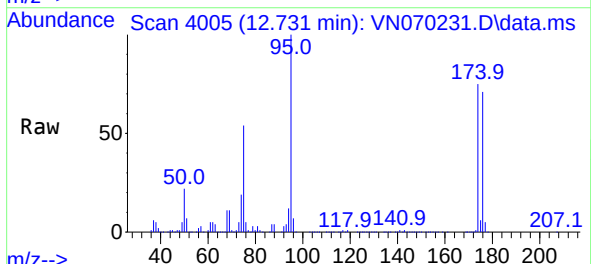


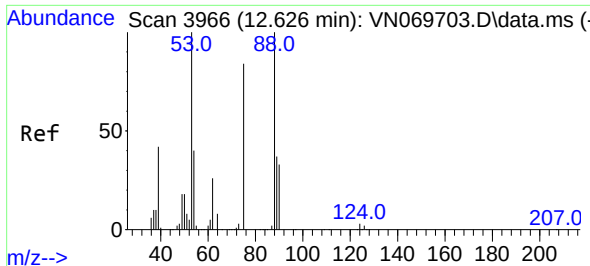
Tgt Ion: 43 Resp: 12968
Ion Ratio Lower Upper
43 100
70 40.8 33.4 50.0
55 26.5 19.3 28.9
61 15.4 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 23.143 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

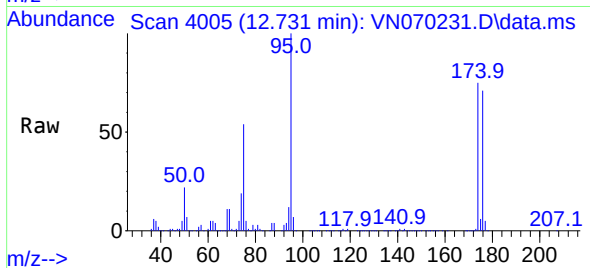
Tgt Ion: 75 Resp: 646397
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



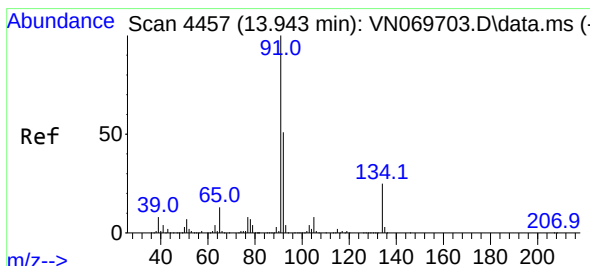
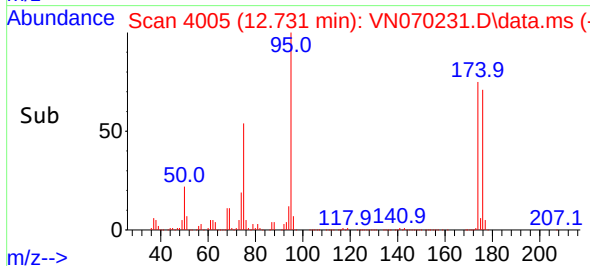
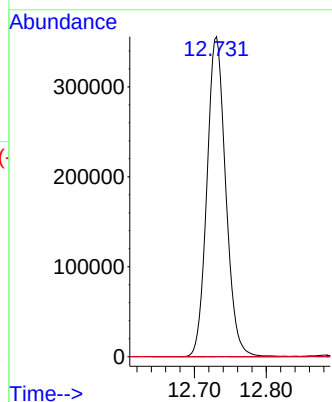


#81
trans-1,4-Dichloro-2-butene
Concen: 73.652 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :

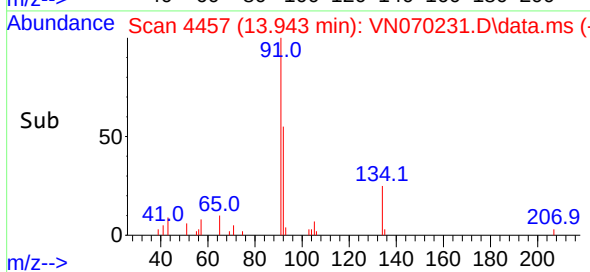
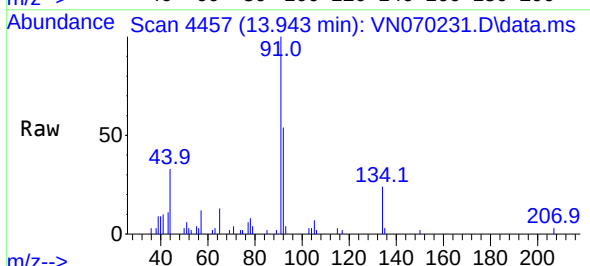
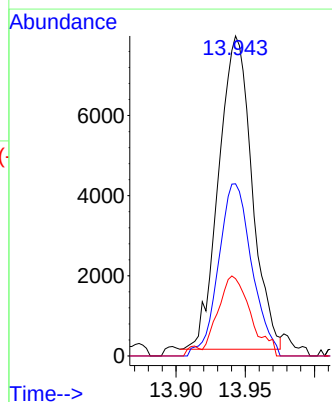


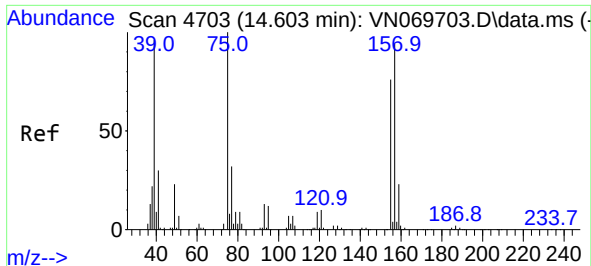
Tgt Ion: 75 Resp: 646397
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.246 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion: 91 Resp: 13044
Ion Ratio Lower Upper
91 100
92 55.1 25.4 76.0
134 25.1 13.6 40.8

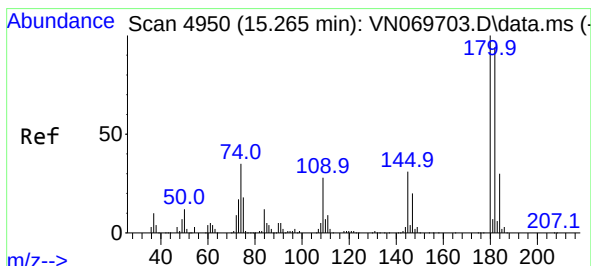
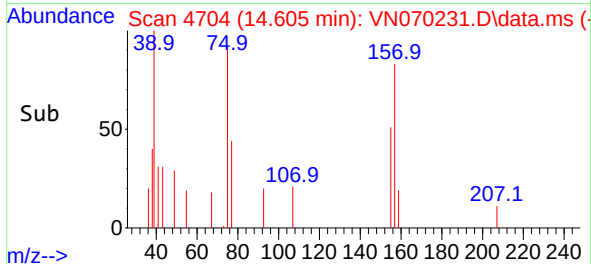
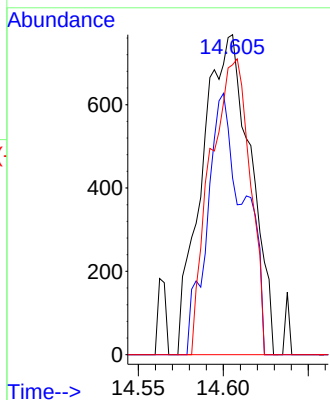
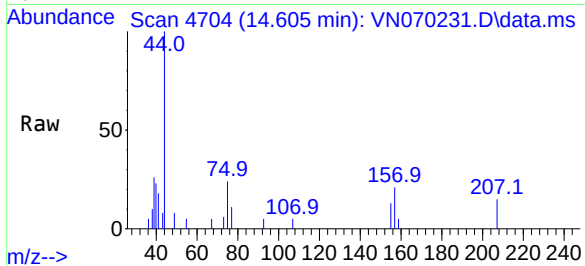




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.282 ug/l
RT: 14.605 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

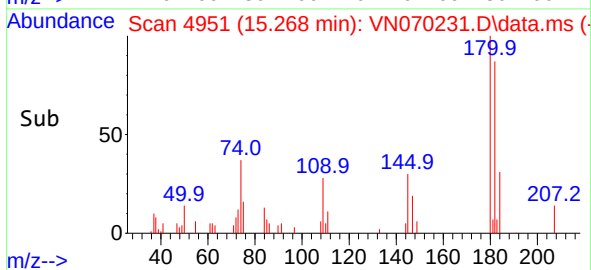
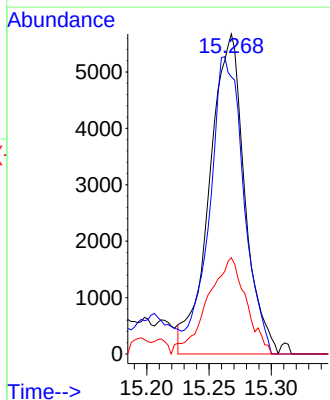
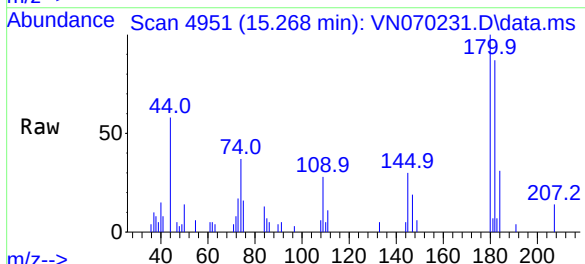
Instrument :
MSVOA_N
ClientSampleId :

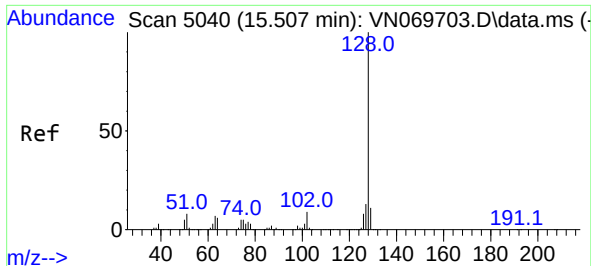
Tgt Ion: 75 Resp: 1529
Ion Ratio Lower Upper
75 100
155 48.3 46.9 140.7
157 75.5 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 3.532 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

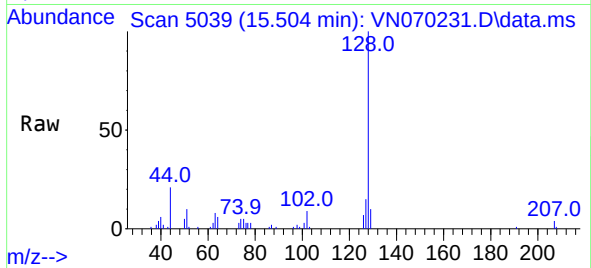
Tgt Ion:180 Resp: 11094
Ion Ratio Lower Upper
180 100
182 90.7 48.3 144.9
145 33.0 14.5 43.5



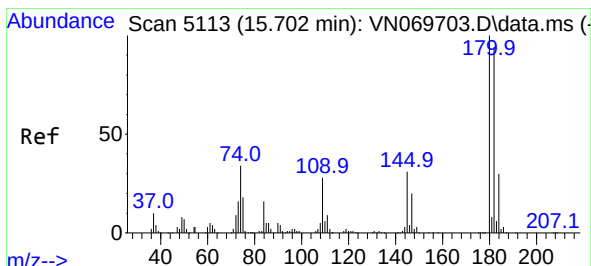
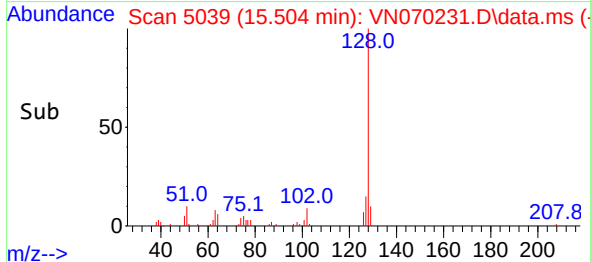
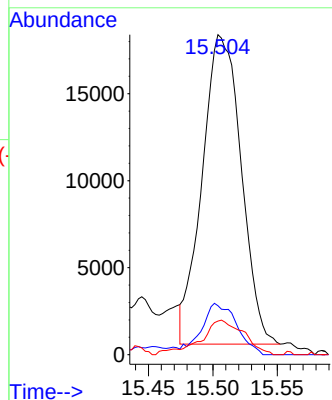


#95
Naphthalene
Concen: 4.709 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 37441
Ion Ratio Lower Upper
128 100
127 14.9 10.5 15.7
129 12.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.153 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070231.D
Acq: 20 Dec 2021 11:00

Tgt Ion:180 Resp: 11745
Ion Ratio Lower Upper
180 100
182 98.8 47.4 142.2
145 36.9 15.0 45.1

