

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070074.D
 Acq On : 14 Dec 2021 16:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:18:51 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)

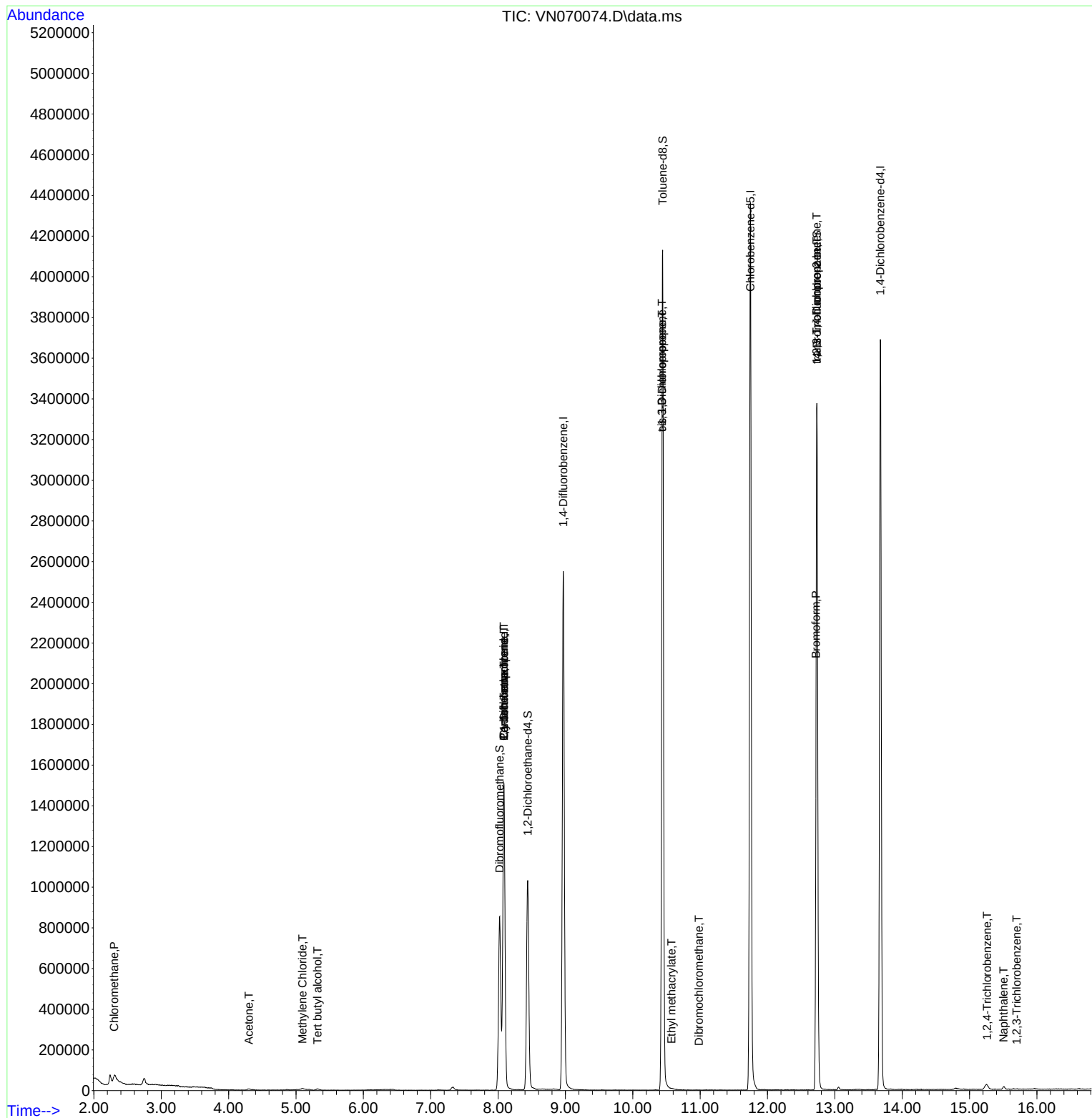
Internal Standards						
1) Pentafluorobenzene	8.088	168	1130850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2137345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2444733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	993995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	897971	51.429	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.860%
35) Dibromofluoromethane	8.021	113	613426	45.820	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.640%
50) Toluene-d8	10.443	98	2831216	52.667	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.733	95	1208339	62.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.300	50	4104	0.248	ug/l #	84
11) Tert butyl alcohol	5.318	59	3973	1.204	ug/l #	71
16) Acetone	4.299	43	7907	0.753	ug/l #	76
20) Methylene Chloride	5.095	84	3115	0.223	ug/l #	92
31) Cyclohexane	8.085	56	28735	1.183	ug/l #	13
36) 1,1-Dichloropropene	8.088	75	97115	4.773	ug/l #	43
38) Carbon Tetrachloride	8.088	117	113654	5.696	ug/l #	17
53) t-1,3-Dichloropropene	10.432	75	726	2.822	ug/l #	1
54) cis-1,3-Dichloropropene	10.432	75	751	2.026	ug/l #	1
56) Ethyl methacrylate	10.574	69	109	2.283	ug/l #	1
60) Dibromochloromethane	10.982	129	55	2.379	ug/l #	11
71) Bromoform	12.720	173	1070	2.799	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	664064	23.296	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	664064	74.113	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	545	2.909	ug/l #	69
95) Naphthalene	15.504	128	11348	4.200	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.700	180	626	2.473	ug/l #	79

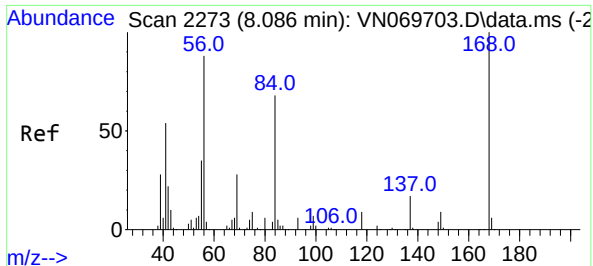
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
Data File : VN070074.D
Acq On : 14 Dec 2021 16:26
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 05:18:51 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

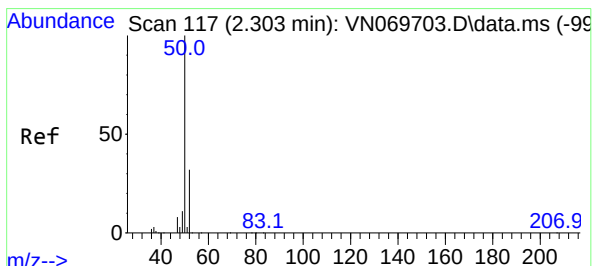
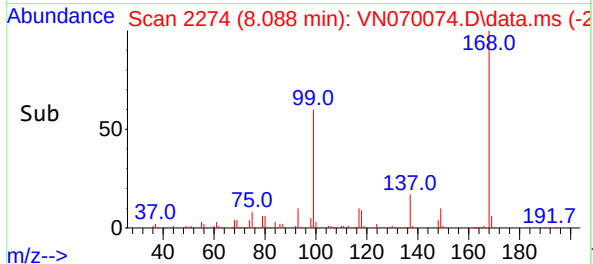
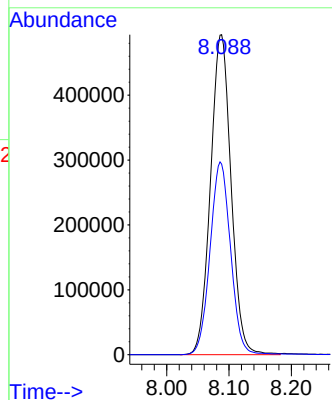
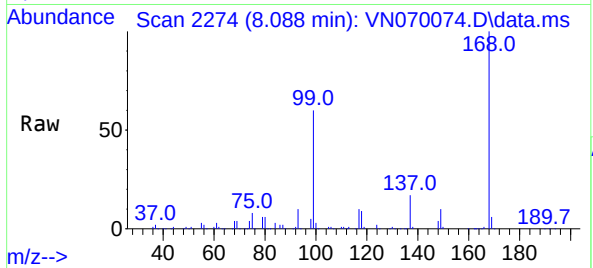




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

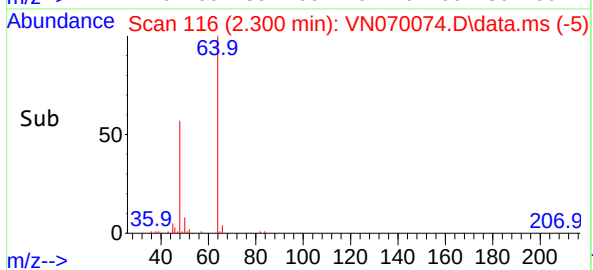
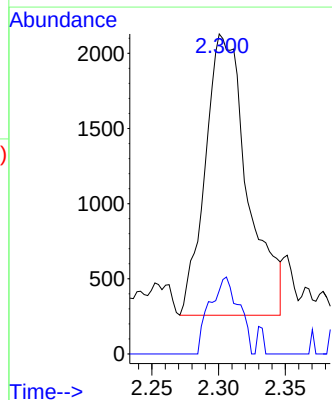
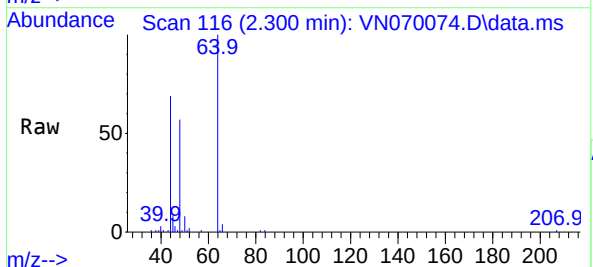
Instrument :
MSVOA_N
ClientSampleId :

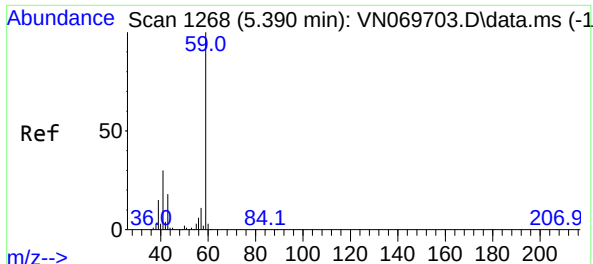
Tgt Ion:168 Resp: 1130850
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.300 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

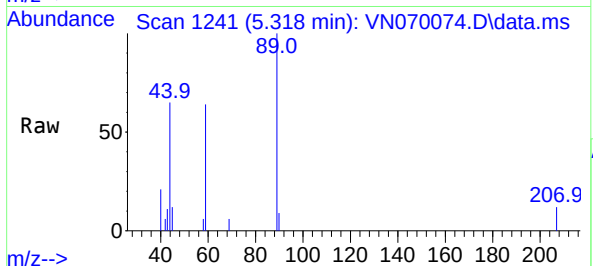
Tgt Ion: 50 Resp: 4104
Ion Ratio Lower Upper
50 100
52 22.6 25.4 38.0#



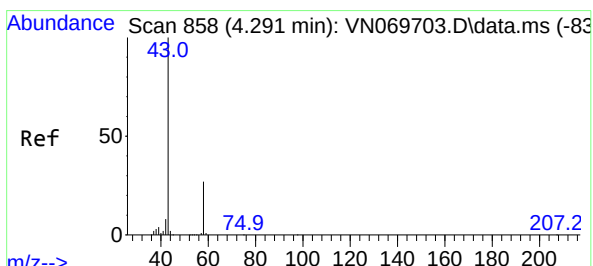
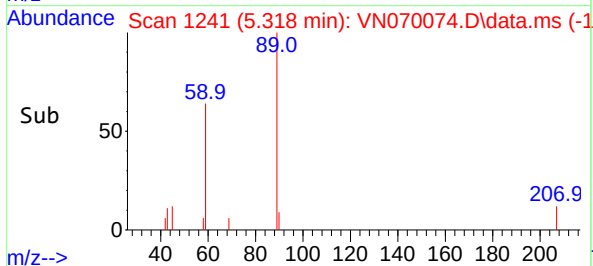
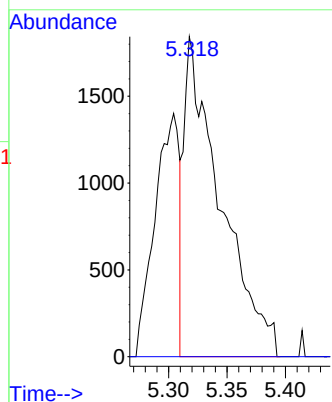


#11
Tert butyl alcohol
Concen: 1.204 ug/l
RT: 5.318 min Scan# 11
Delta R.T. -0.072 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :

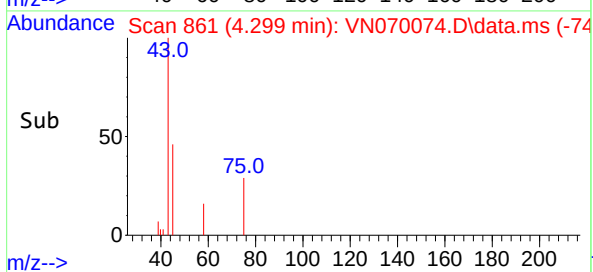
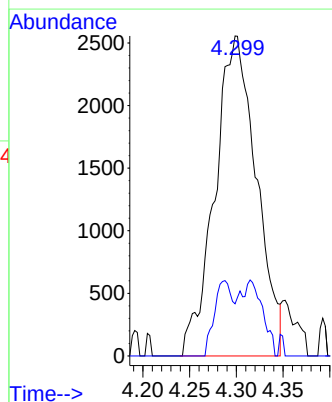
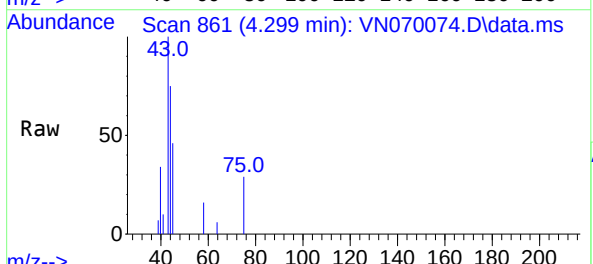


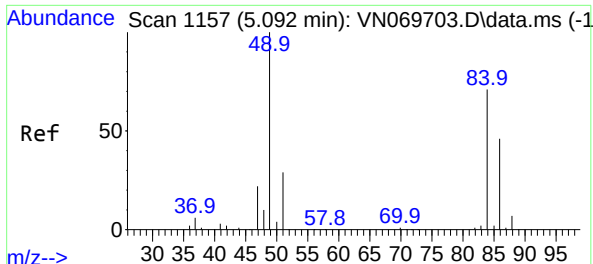
Tgt Ion: 59 Resp: 3973
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.753 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

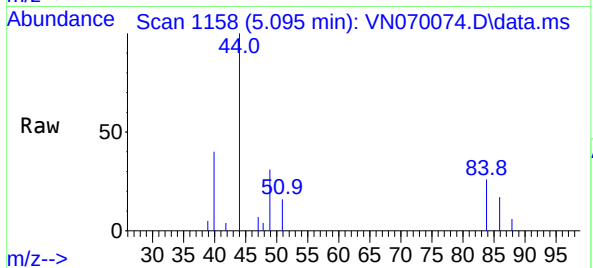
Tgt Ion: 43 Resp: 7907
Ion Ratio Lower Upper
43 100
58 16.3 23.1 34.7#





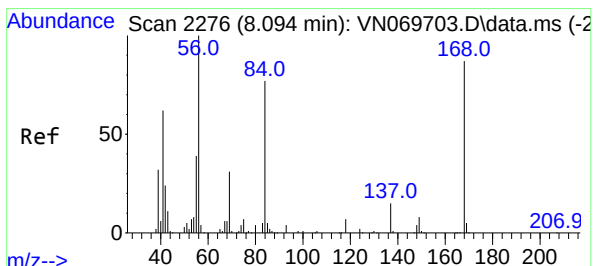
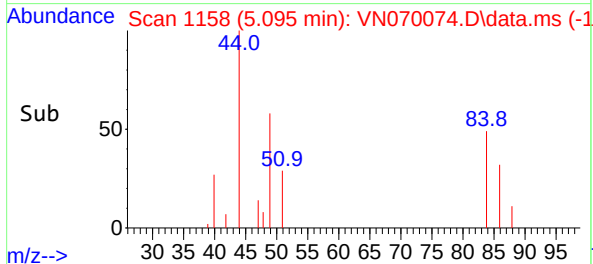
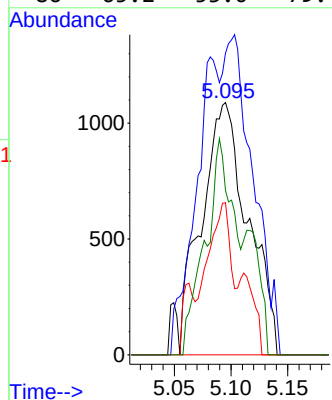
#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 3115

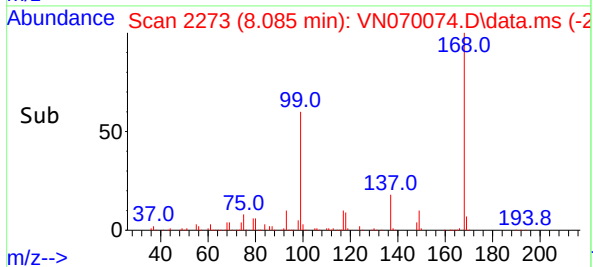
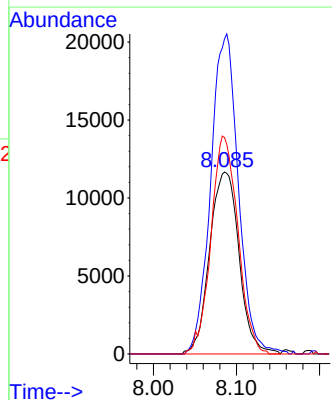
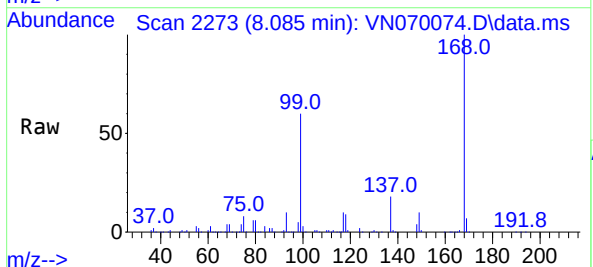
Ion	Ratio	Lower	Upper
84	100		
49	119.6	93.5	140.3
51	60.3	29.4	44.2#
86	65.2	53.0	79.4

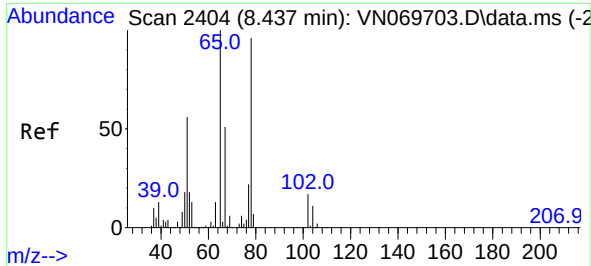


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion: 56 Resp: 28735

Ion	Ratio	Lower	Upper
56	100		
69	173.1	27.1	40.7#
84	119.0	73.4	110.0#

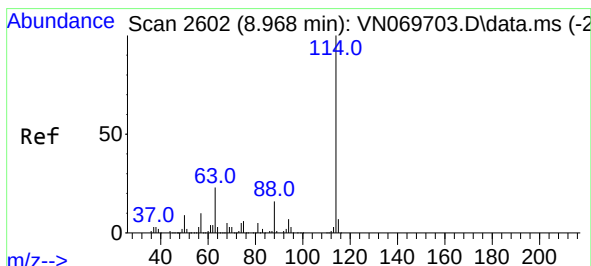
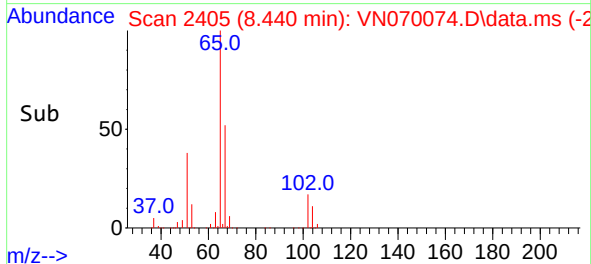
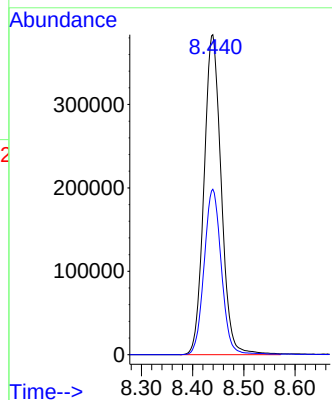
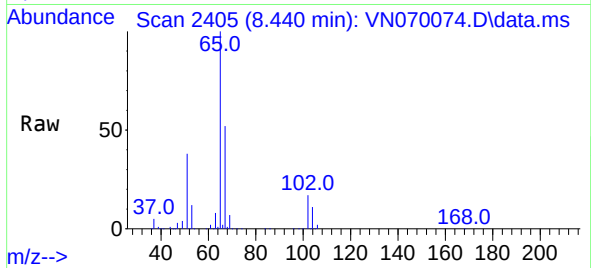




#33
1,2-Dichloroethane-d4
Concen: 51.429 ug/l
RT: 8.440 min Scan# 24
Delta R.T. 0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

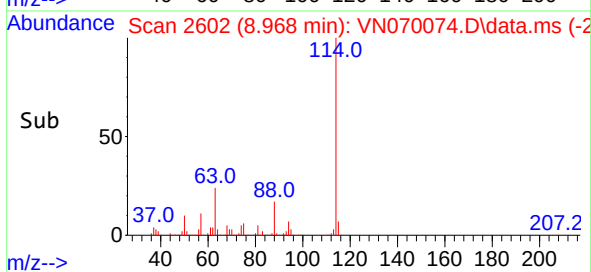
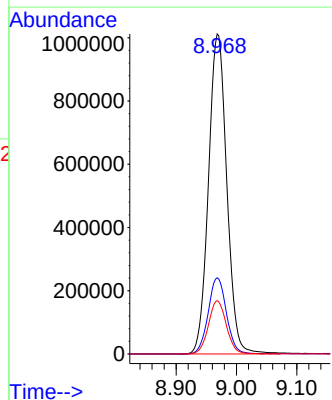
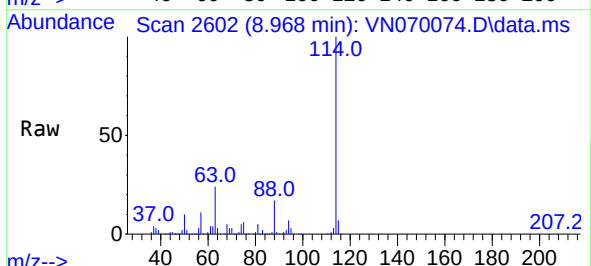
Instrument :
MSVOA_N
ClientSampleId :

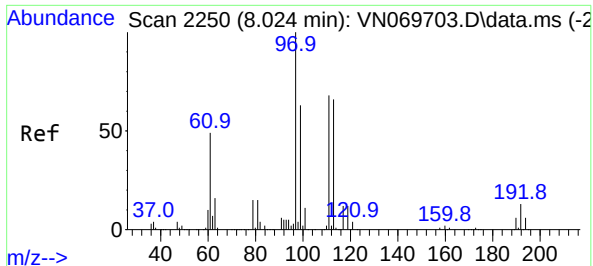
Tgt Ion: 65 Resp: 897971
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

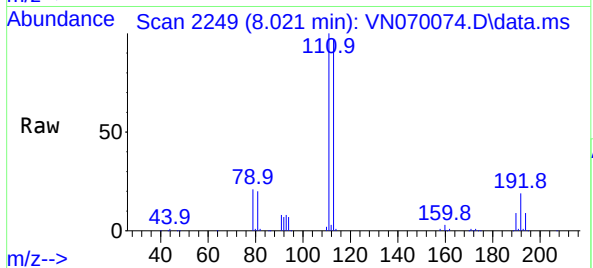
Tgt Ion:114 Resp: 2137345
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.7 0.0 27.4



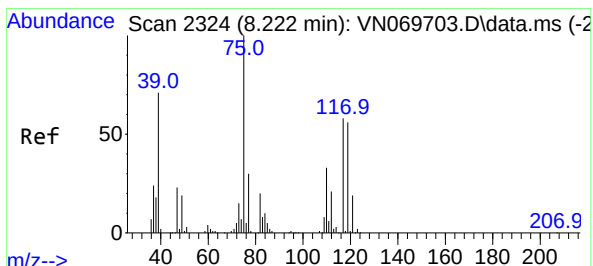
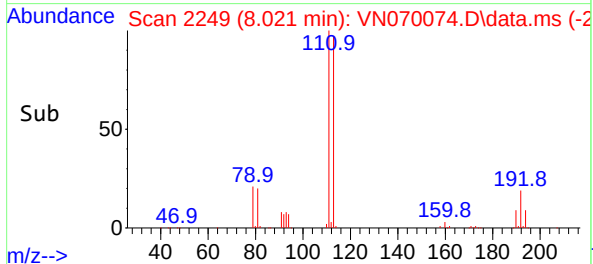
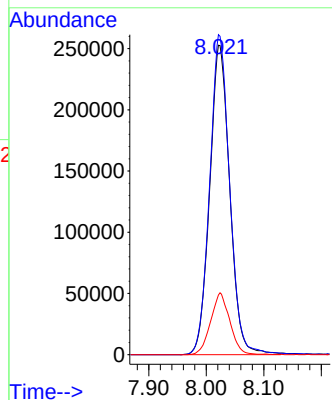


#35
 Dibromofluoromethane
 Concen: 45.820 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN070074.D
 Acq: 14 Dec 2021 16:26

Instrument :
 MSVOA_N
 ClientSampleId :

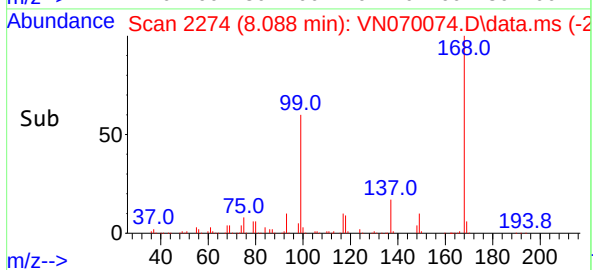
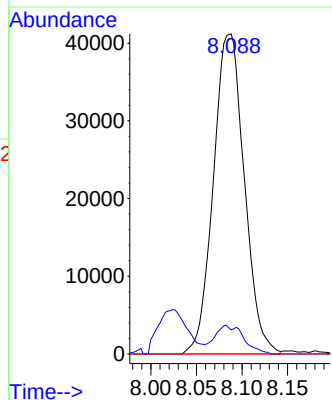
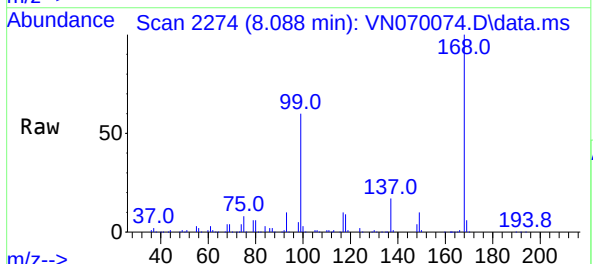


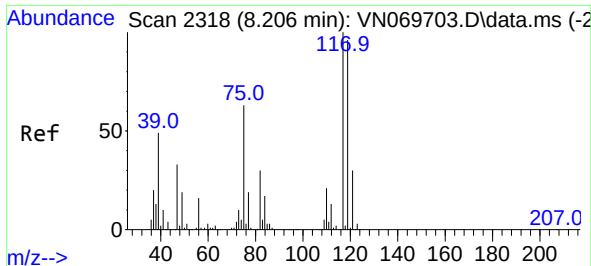
Tgt Ion:113 Resp: 613426
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 19.1 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.773 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN070074.D
 Acq: 14 Dec 2021 16:26

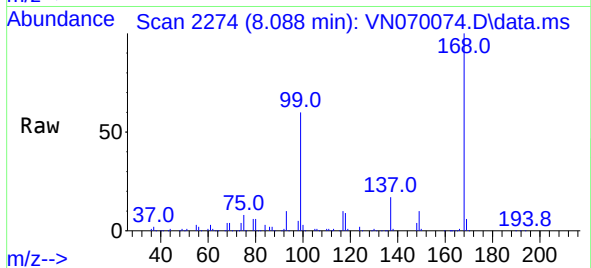
Tgt Ion: 75 Resp: 97115
 Ion Ratio Lower Upper
 75 100
 110 2.6 18.4 55.2#
 77 0.0 24.4 36.6#



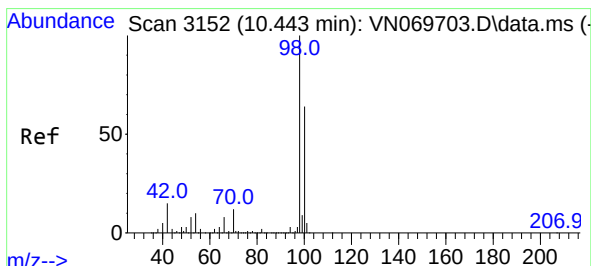
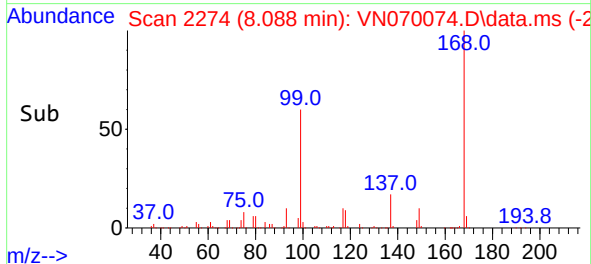
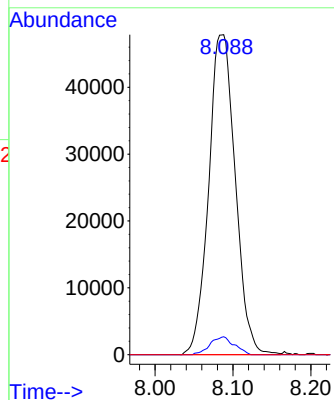


#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :

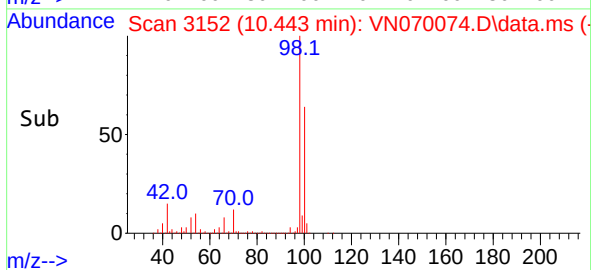
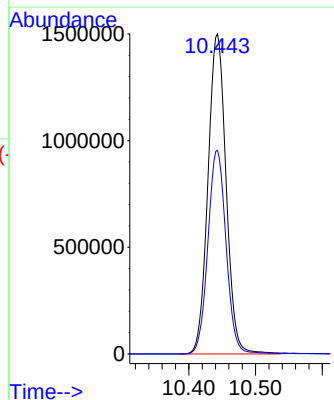
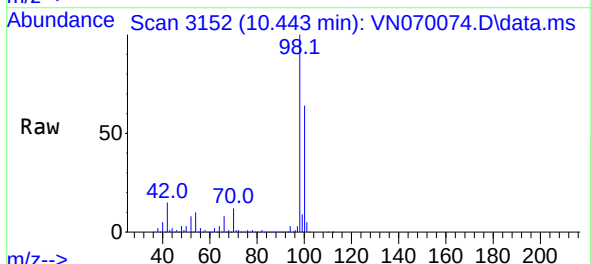


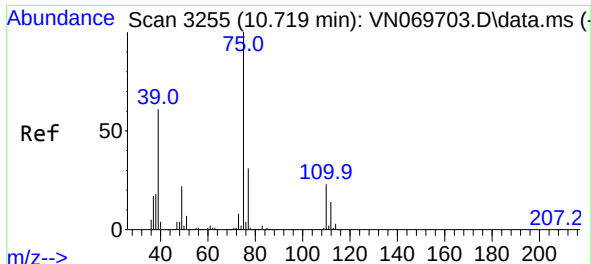
Tgt Ion:117 Resp: 113654
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.667 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

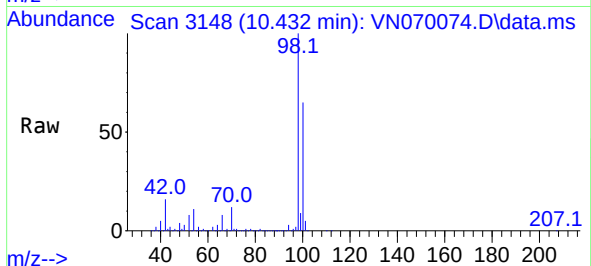
Tgt Ion: 98 Resp: 2831216
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



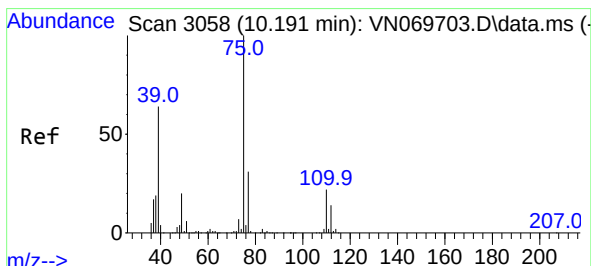
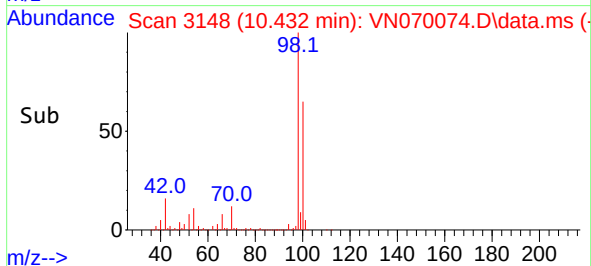
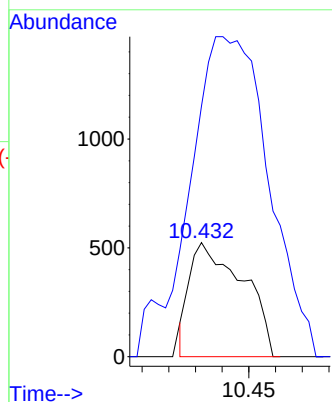


#53
t-1,3-Dichloropropene
Concen: 2.822 ug/l
RT: 10.432 min Scan# 3148
Delta R.T. -0.287 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :

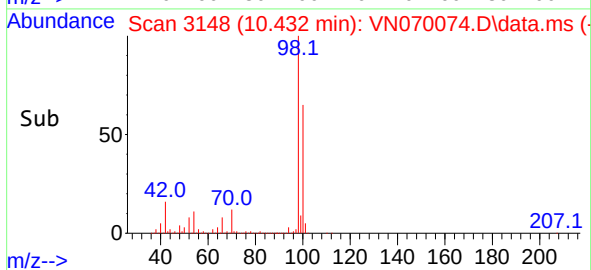
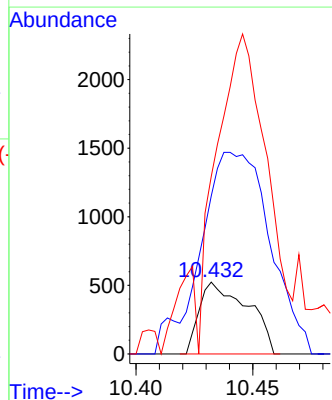
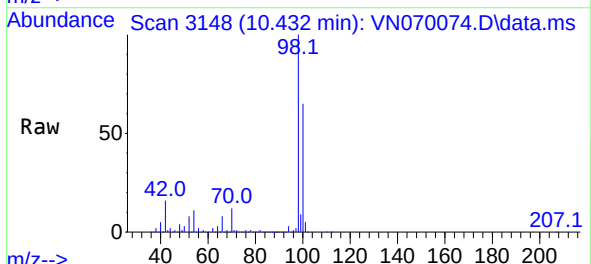


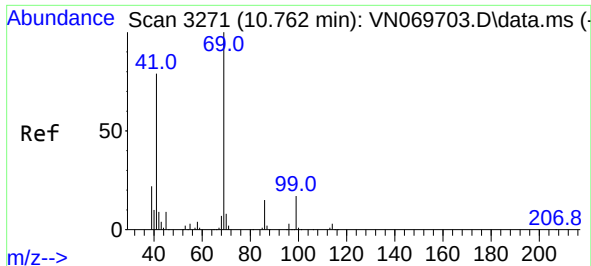
Tgt Ion: 75 Resp: 726
Ion Ratio Lower Upper
75 100
77 126.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.026 ug/l
RT: 10.432 min Scan# 3148
Delta R.T. 0.241 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

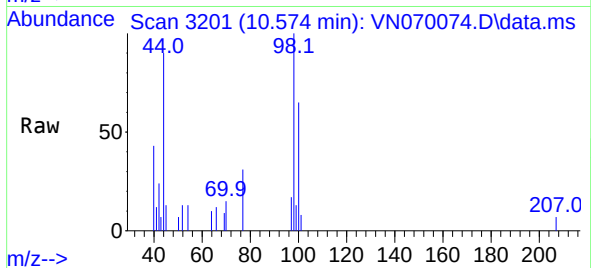
Tgt Ion: 75 Resp: 751
Ion Ratio Lower Upper
75 100
77 176.9 26.4 39.6#
39 155.5 42.5 63.7#



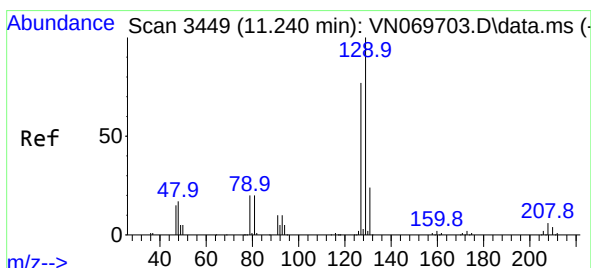
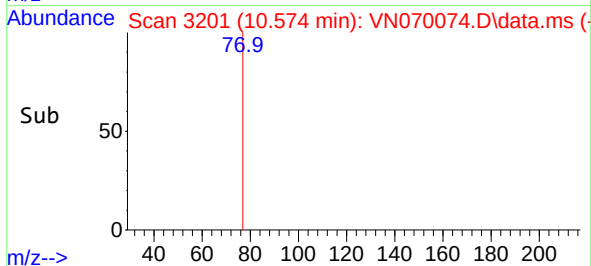
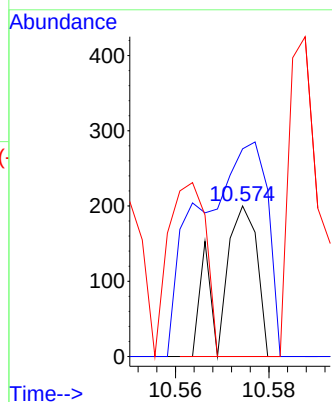


#56
Ethyl methacrylate
Concen: 2.283 ug/l
RT: 10.574 min Scan# 31
Delta R.T. -0.188 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :

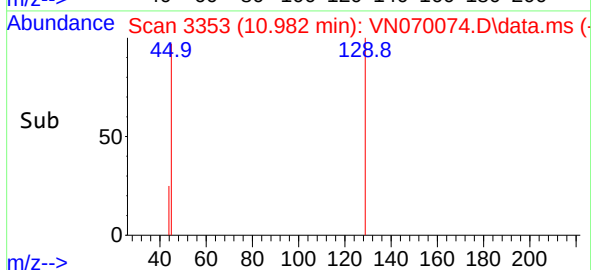
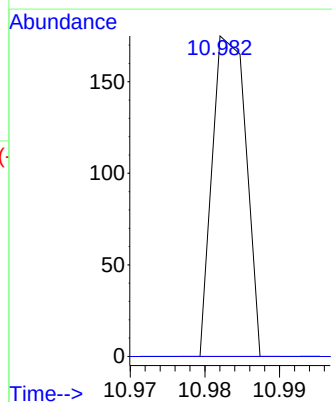
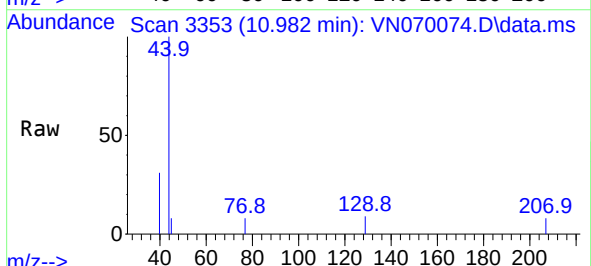


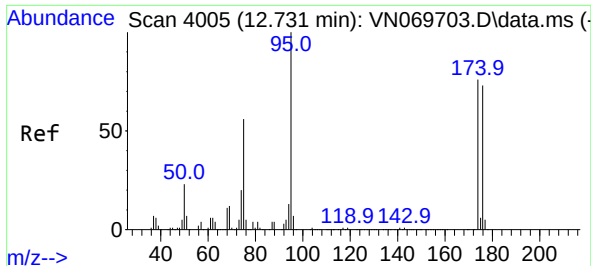
Tgt Ion: 69 Resp: 109
Ion Ratio Lower Upper
69 100
41 263.3 51.4 77.0#
39 118.3 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion: 129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

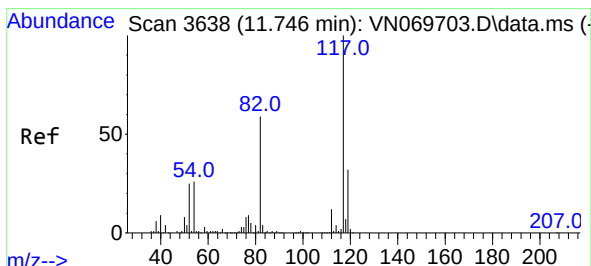
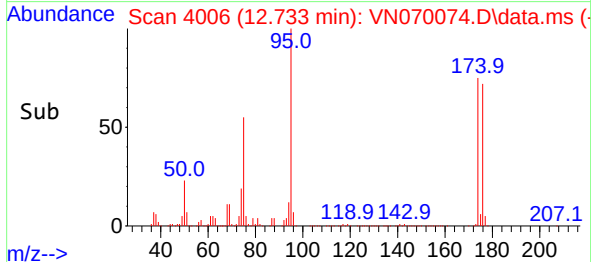
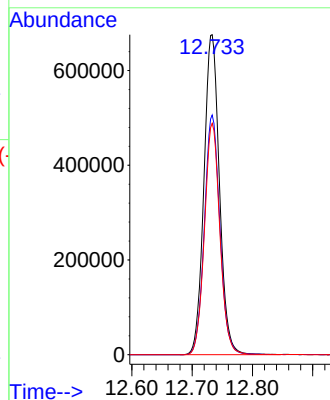
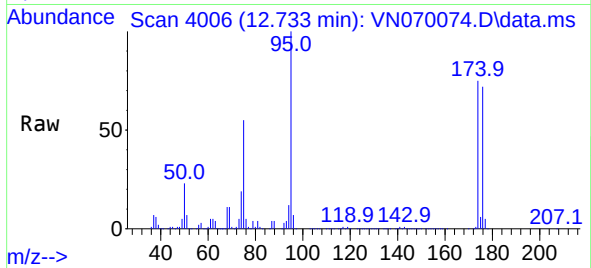




#62
4-Bromofluorobenzene
Concen: 62.046 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

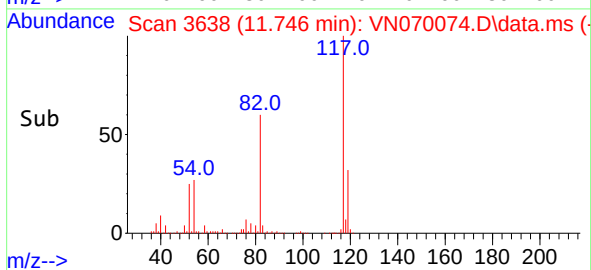
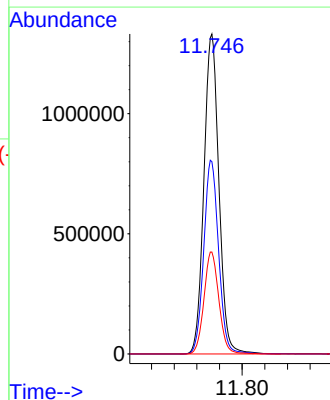
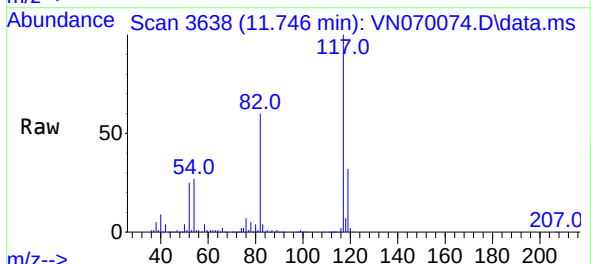
Instrument :
MSVOA_N
ClientSampleId :

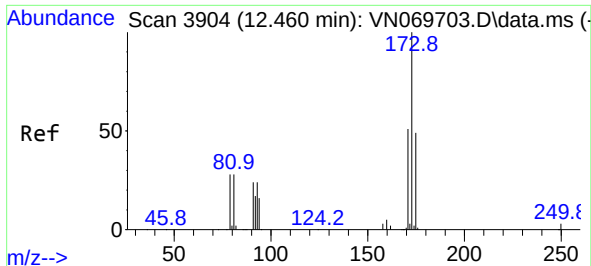
Tgt Ion: 95 Resp: 1208339
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion: 117 Resp: 2444733
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.9 25.4 38.2

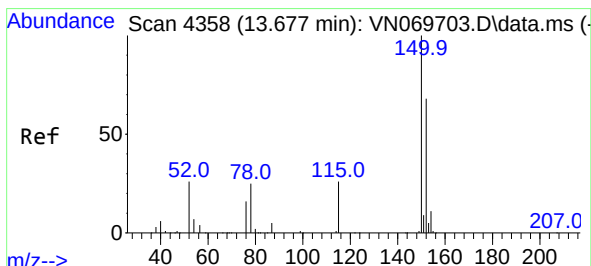
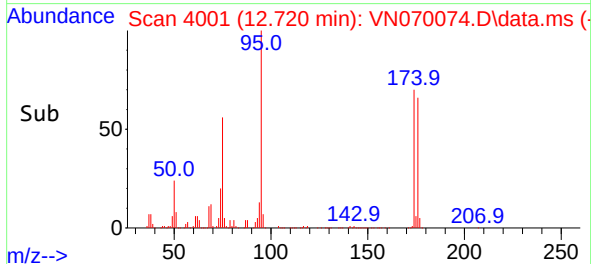
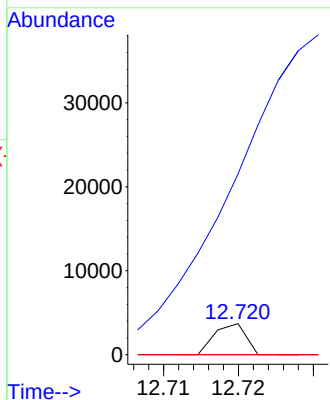
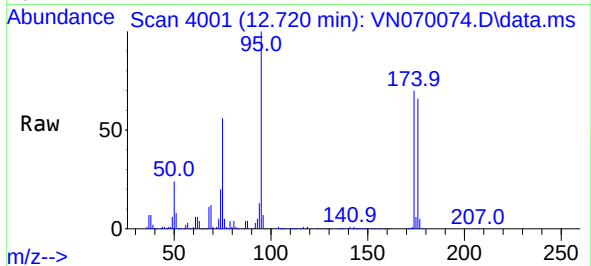




#71
Bromoform
Concen: 2.799 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

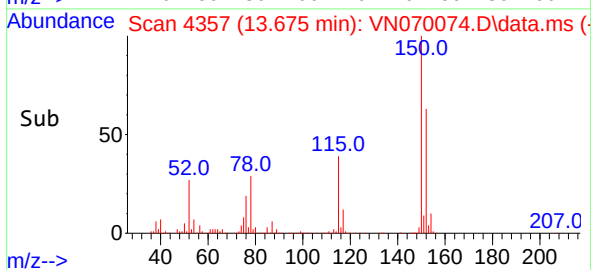
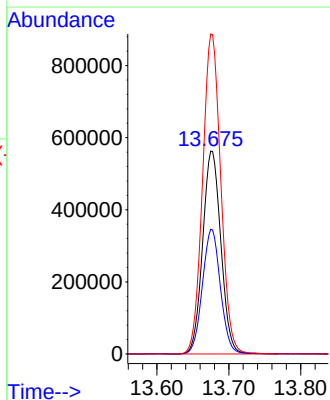
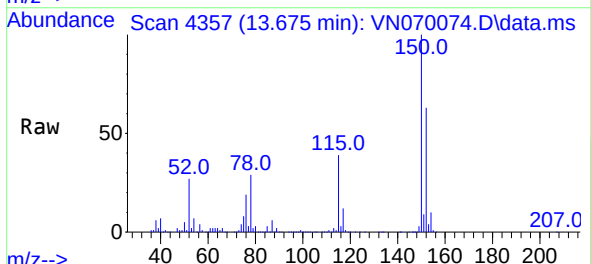
Instrument :
MSVOA_N
ClientSampleId :

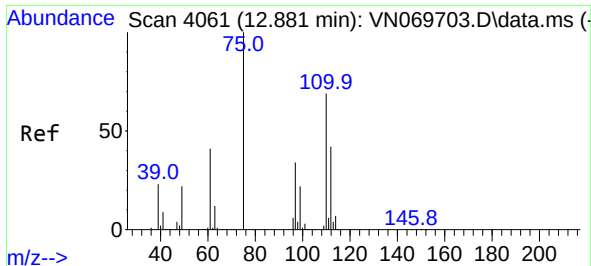
Tgt Ion:173 Resp: 1070
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

Tgt Ion:152 Resp: 993995
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.5 0.0 344.4

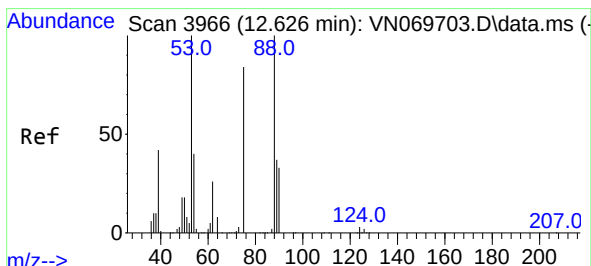
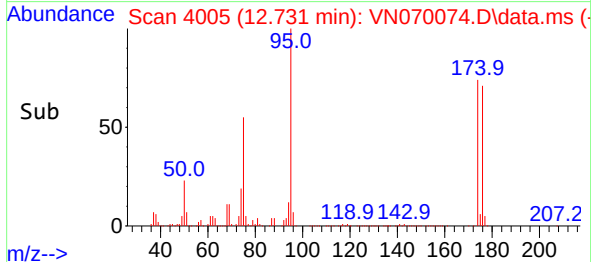
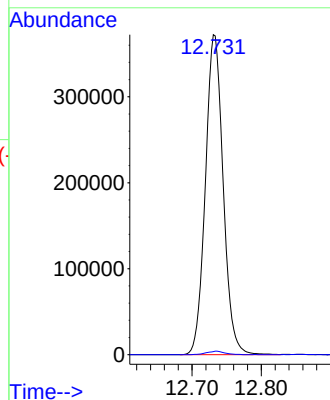
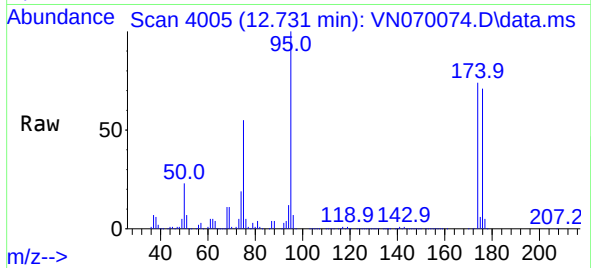




#76
1,2,3-Trichloropropane
Concen: 23.296 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

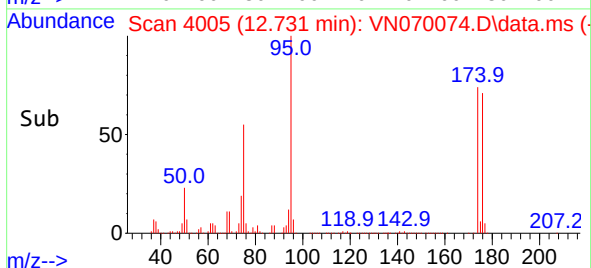
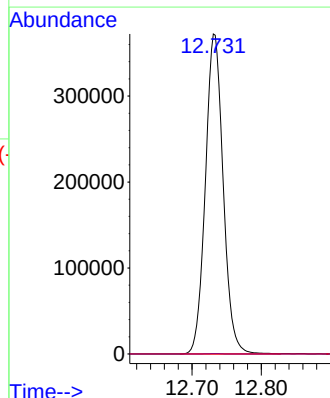
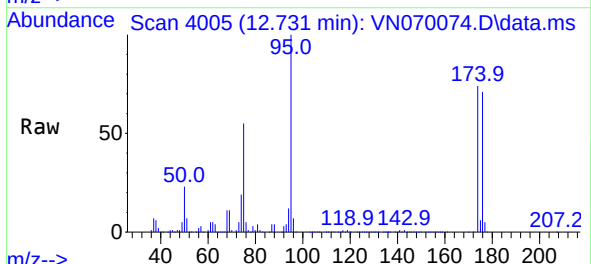
Instrument :
MSVOA_N
ClientSampleId :

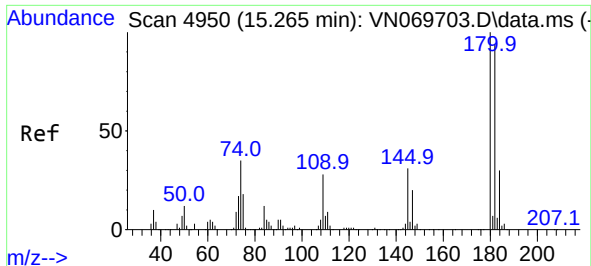
Tgt Ion: 75 Resp: 664064
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.113 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

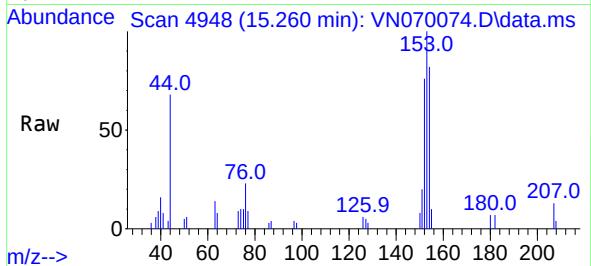
Tgt Ion: 75 Resp: 664064
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



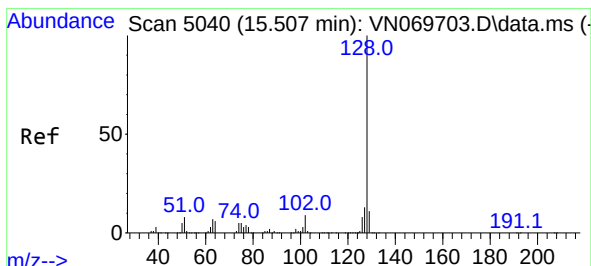
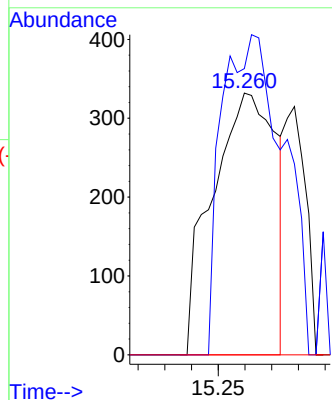
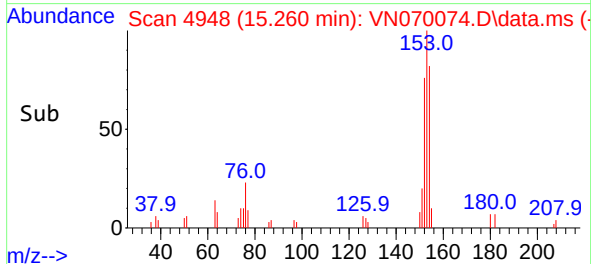


#93
1,2,4-Trichlorobenzene
Concen: 2.909 ug/l
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26

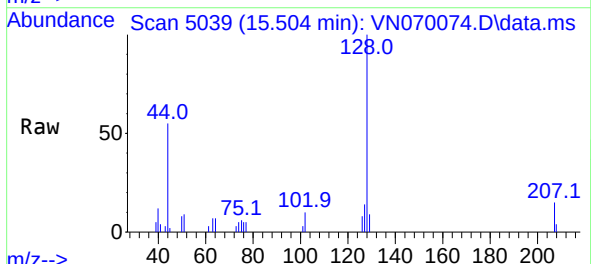
Instrument :
MSVOA_N
ClientSampleId :



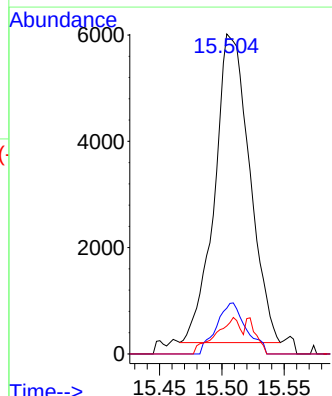
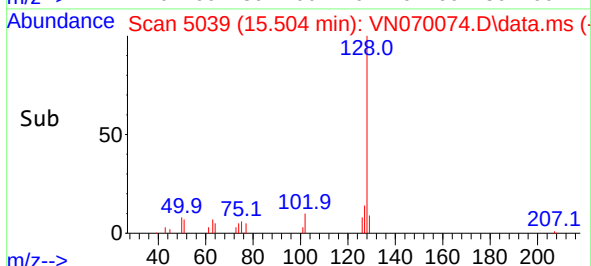
Tgt Ion:180 Resp: 545
Ion Ratio Lower Upper
180 100
182 120.0 48.3 144.9
145 0.0 14.5 43.5#

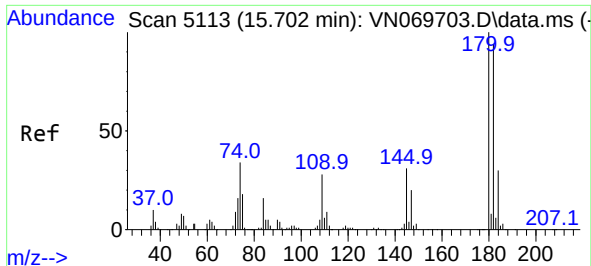


#95
Naphthalene
Concen: 4.200 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070074.D
Acq: 14 Dec 2021 16:26



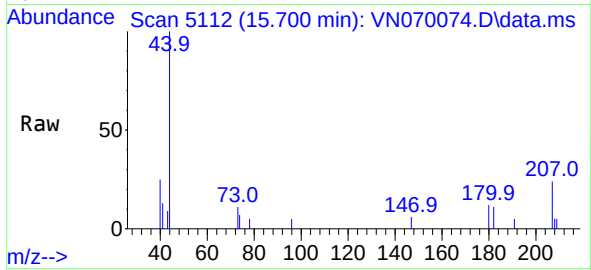
Tgt Ion:128 Resp: 11348
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 8.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.473 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070074.D
 Acq: 14 Dec 2021 16:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 626
 Ion Ratio Lower Upper
 180 100
 182 80.7 47.4 142.2
 145 8.3 15.0 45.1#

