

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070018.D
 Acq On : 11 Dec 2021 19:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:26:06 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)

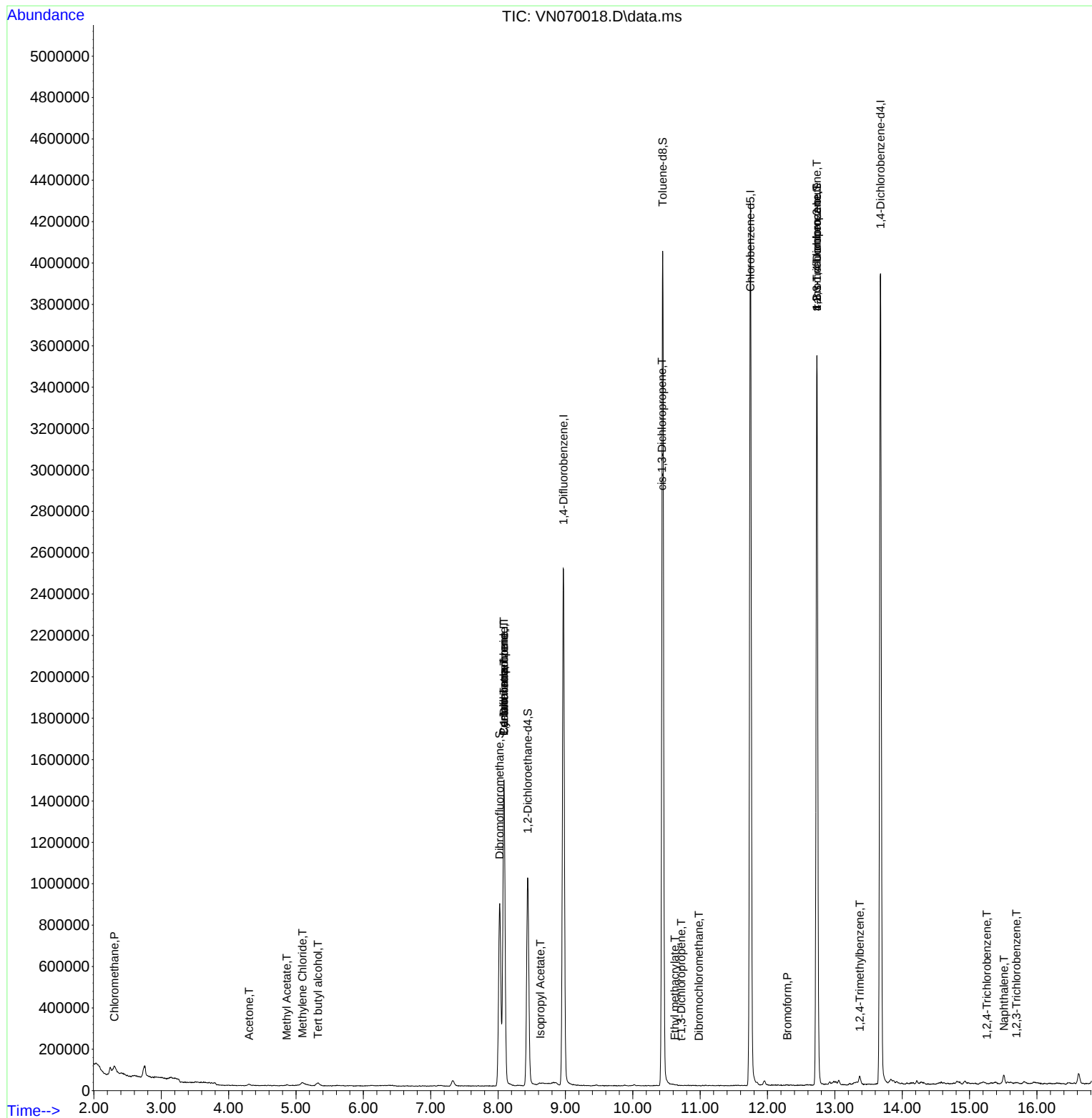
Internal Standards						
1) Pentafluorobenzene	8.088	168	1112003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2084714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2395294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1040174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	858066	49.977	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.960%
35) Dibromofluoromethane	8.024	113	636972	48.779	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.560%
50) Toluene-d8	10.443	98	2743398	52.322	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.733	95	1203305	63.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3499	0.215	ug/l	93
11) Tert butyl alcohol	5.326	59	13621	4.197	ug/l #	71
16) Acetone	4.301	43	7377	0.714	ug/l	99
18) Methyl Acetate	4.865	43	6333	0.203	ug/l #	53
20) Methylene Chloride	5.095	84	7945	0.579	ug/l	97
31) Cyclohexane	8.086	56	29227	1.223	ug/l #	32
36) 1,1-Dichloropropene	8.088	75	92892	4.681	ug/l #	50
38) Carbon Tetrachloride	8.086	117	111401	5.724	ug/l #	16
43) Isopropyl Acetate	8.627	43	9856	0.225	ug/l #	55
53) t-1,3-Dichloropropene	10.719	75	51	2.796	ug/l #	43
54) cis-1,3-Dichloropropene	10.432	75	541	2.019	ug/l #	1
56) Ethyl methacrylate	10.623	69	87	2.282	ug/l #	1
60) Dibromochloromethane	10.982	129	58	2.380	ug/l #	11
71) Bromoform	12.294	173	53	2.734	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	672567	22.547	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	672567	71.860	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	20041	0.283	ug/l	96
93) 1,2,4-Trichlorobenzene	15.257	180	243	2.891	ug/l #	84
95) Naphthalene	15.512	128	37018	4.655	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.697	180	297	2.453	ug/l #	1

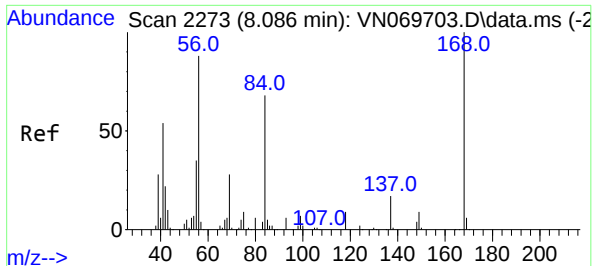
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070018.D
Acq On : 11 Dec 2021 19:27
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

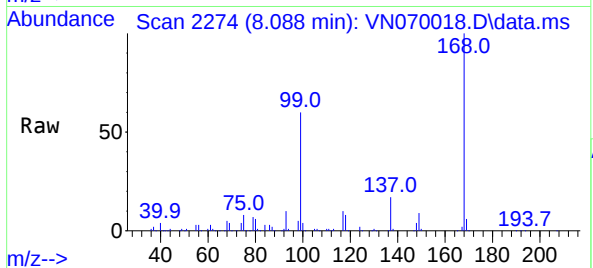
Quant Time: Dec 12 16:26:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



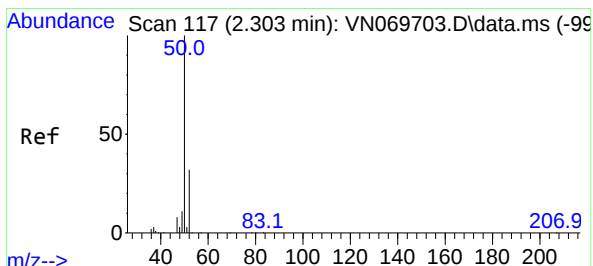
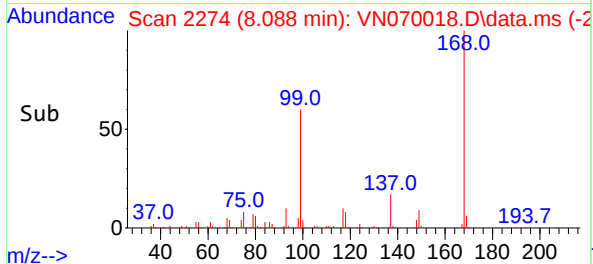
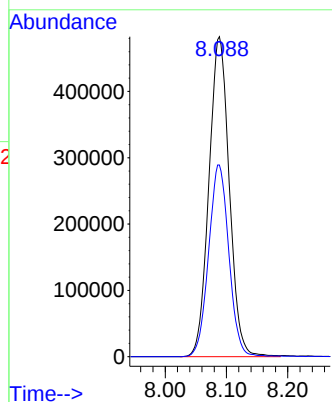


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

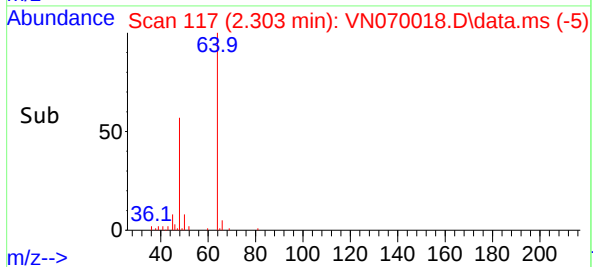
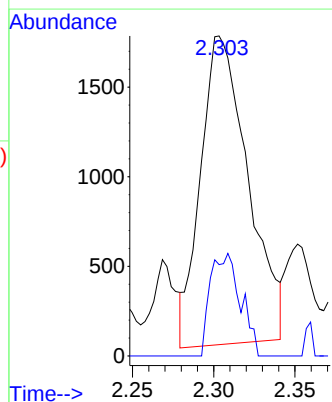
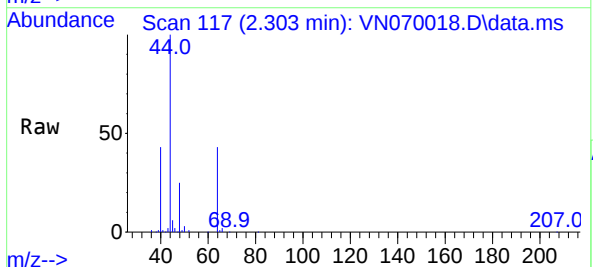


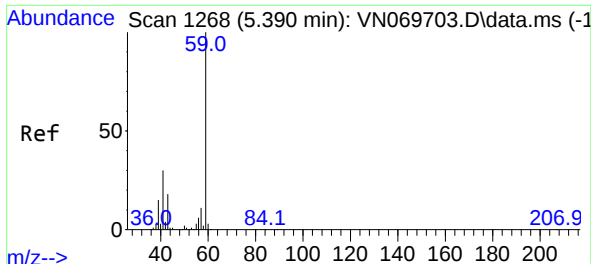
Tgt Ion:168 Resp: 1112003
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 50 Resp: 3499
Ion Ratio Lower Upper
50 100
52 35.6 25.4 38.0

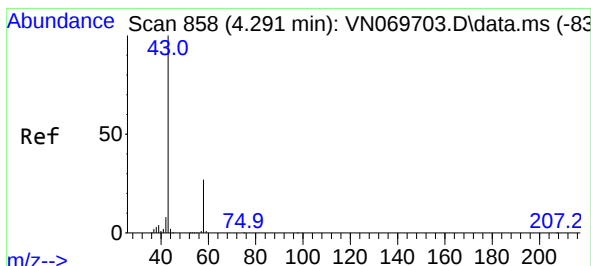
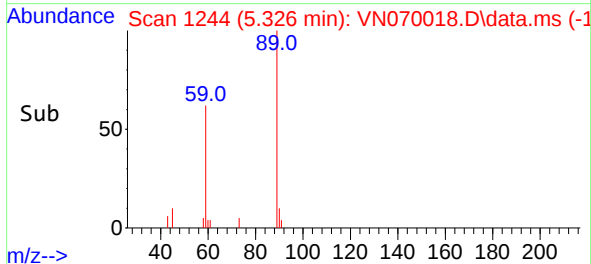
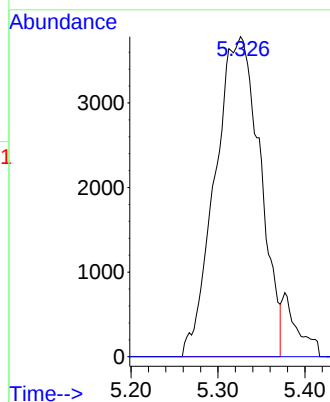
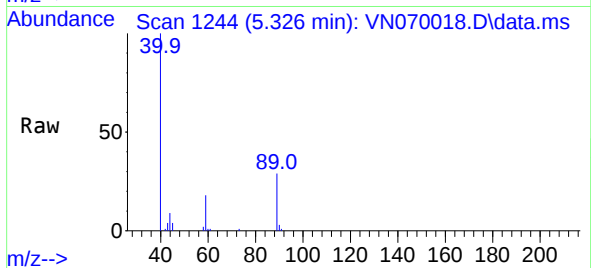




#11
Tert butyl alcohol
Concen: 4.197 ug/l
RT: 5.326 min Scan# 11
Delta R.T. -0.064 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

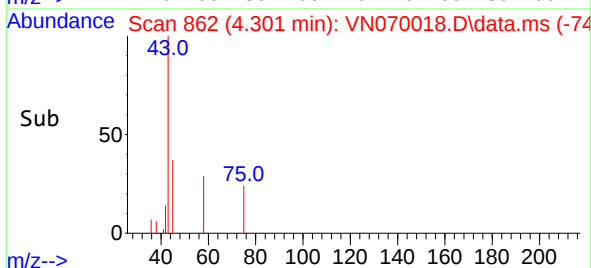
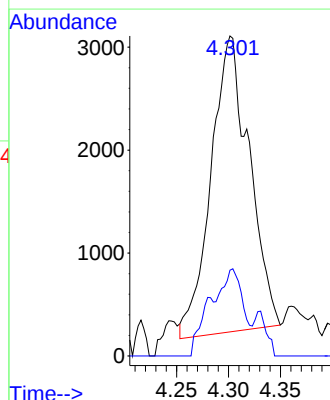
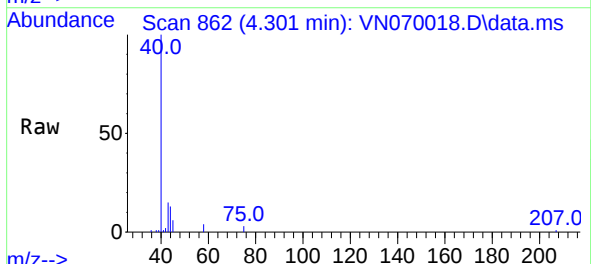
Instrument :
MSVOA_N
ClientSampleId :

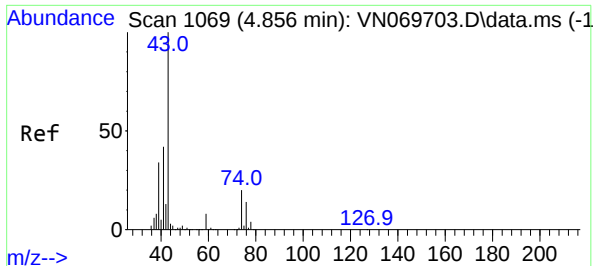
Tgt Ion: 59 Resp: 13621
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.714 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 43 Resp: 7377
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7





#18

Methyl Acetate

Concen: 0.203 ug/l

RT: 4.865 min Scan# 1

Delta R.T. 0.008 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

Instrument :

MSVOA_N

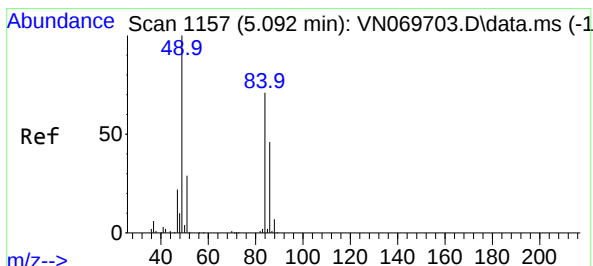
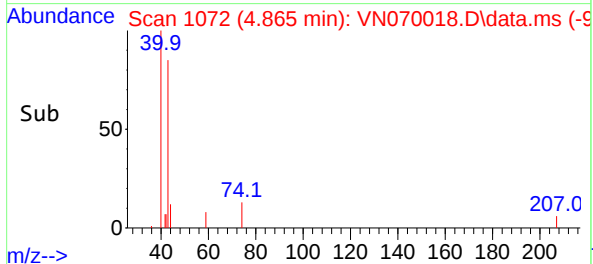
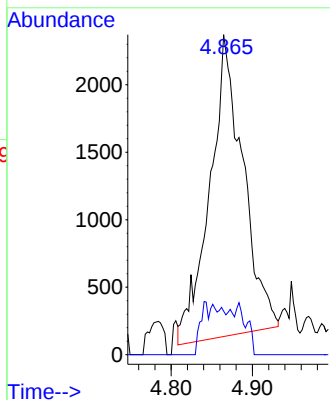
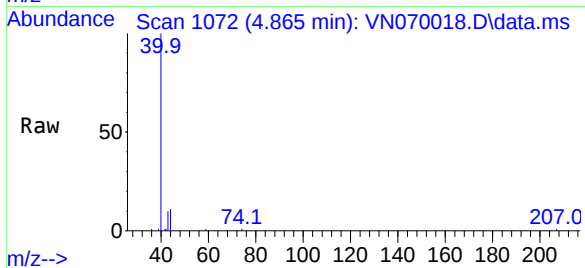
ClientSampleId :

Tgt Ion: 43 Resp: 6333

Ion Ratio Lower Upper

43 100

74 1.2 19.4 29.2#



#20

Methylene Chloride

Concen: 0.579 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

Tgt Ion: 84 Resp: 7945

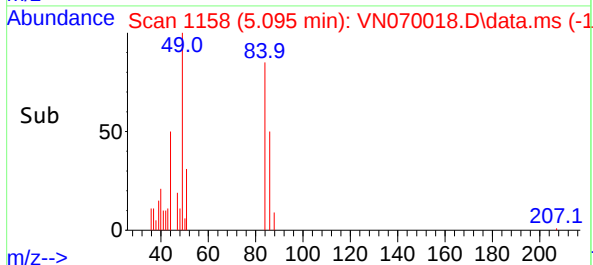
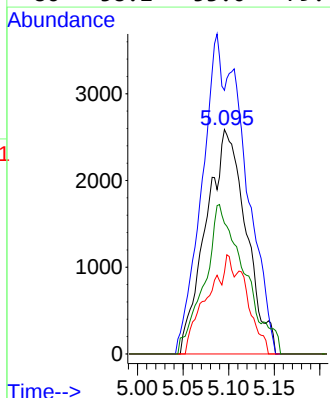
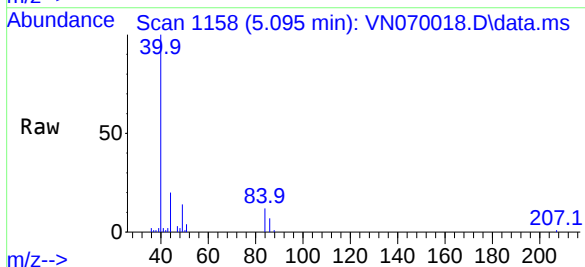
Ion Ratio Lower Upper

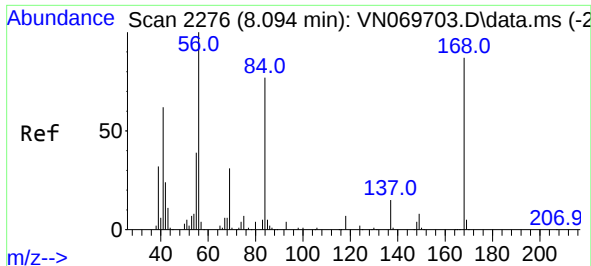
84 100

49 117.5 93.5 140.3

51 36.4 29.4 44.2

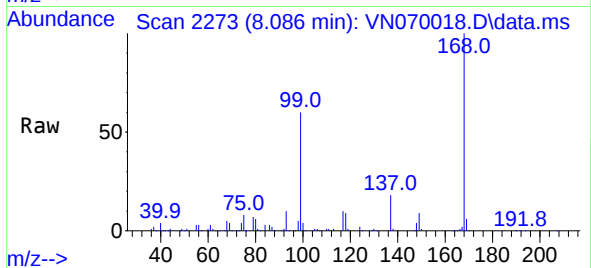
86 58.2 53.0 79.4



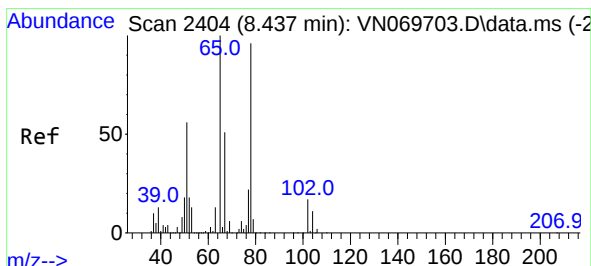
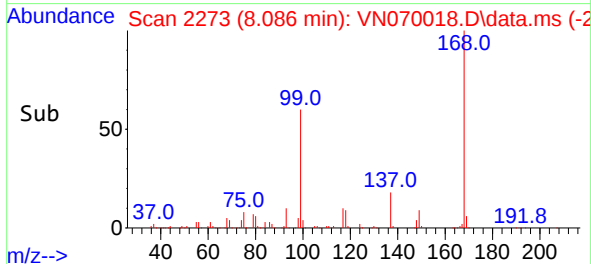
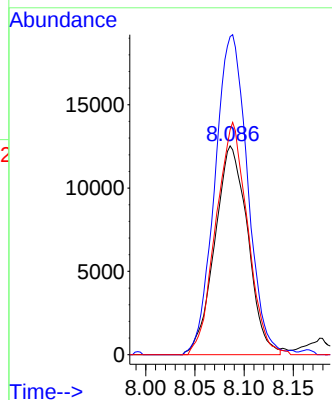


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

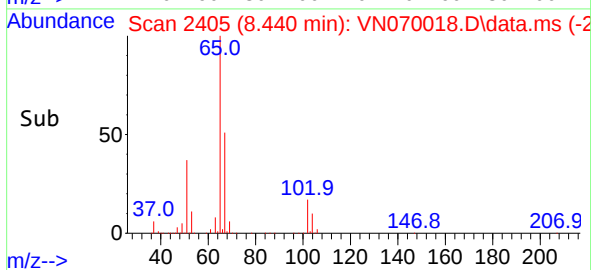
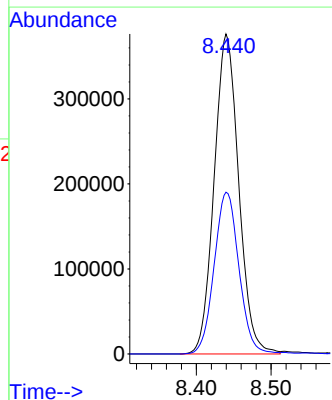
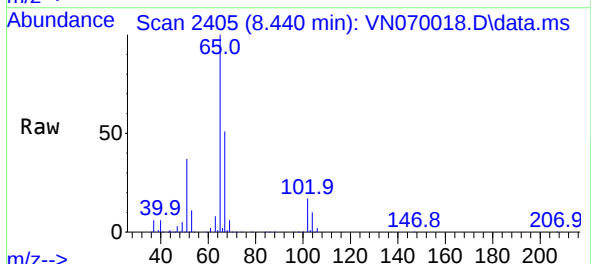


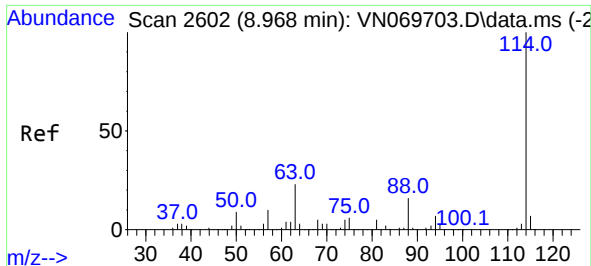
Tgt Ion: 56 Resp: 29227
Ion Ratio Lower Upper
56 100
69 152.3 27.1 40.7#
84 107.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.977 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 65 Resp: 858066
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

Instrument :

MSVOA_N

ClientSampleId :

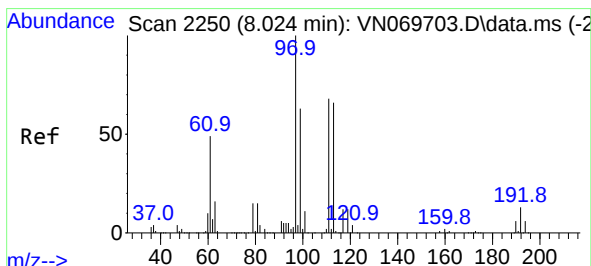
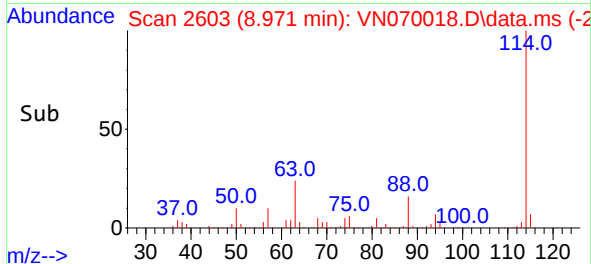
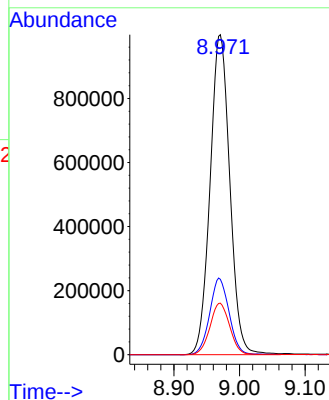
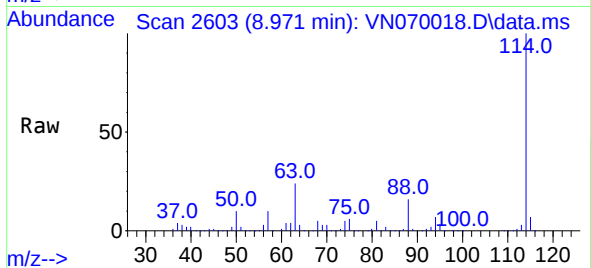
Tgt Ion:114 Resp: 2084714

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.779 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

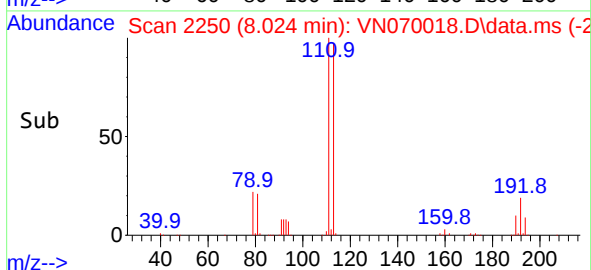
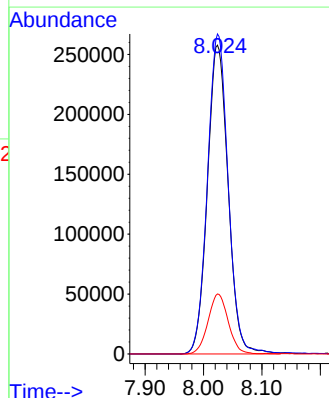
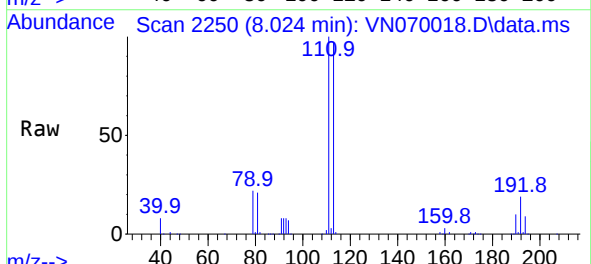
Tgt Ion:113 Resp: 636972

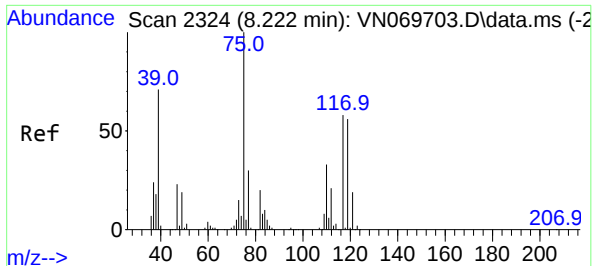
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 18.9 16.9 25.3

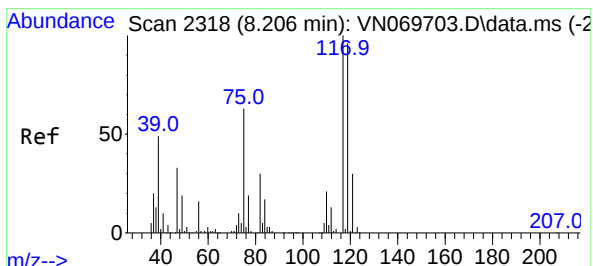
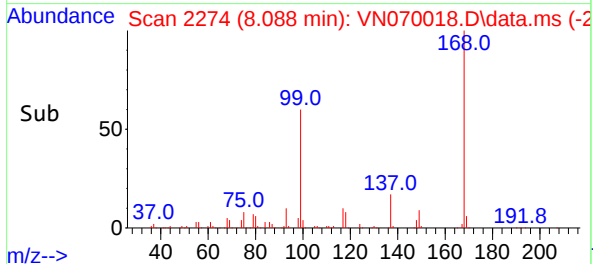
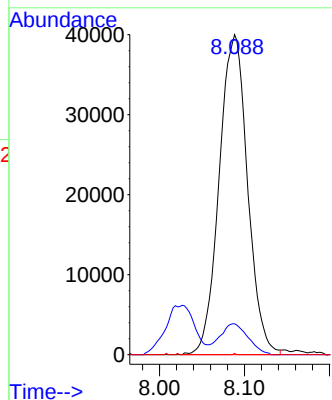
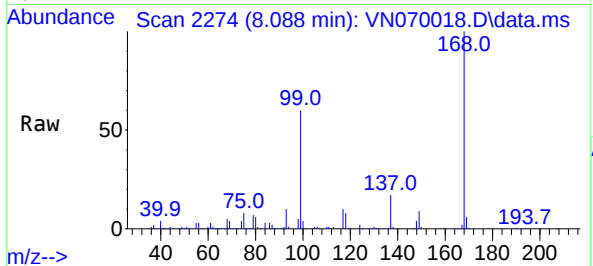




#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

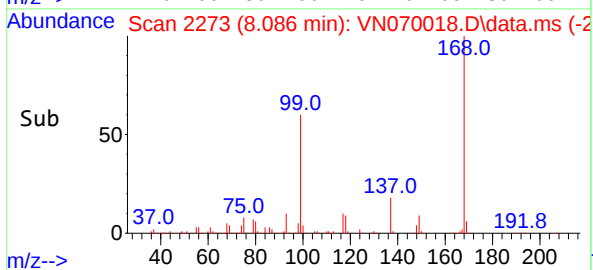
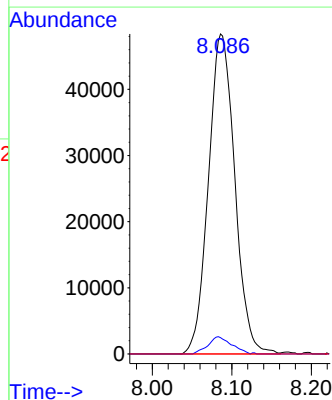
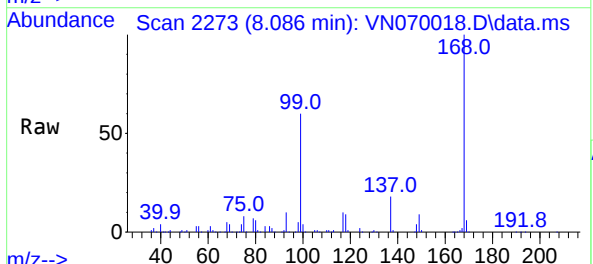
Instrument :
MSVOA_N
ClientSampleId :

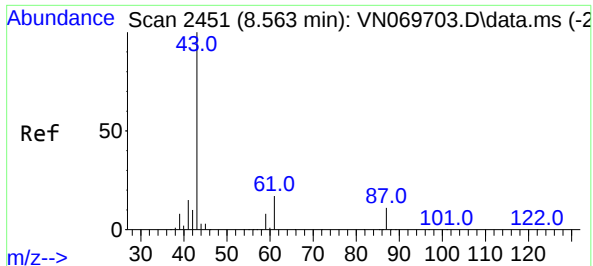
Tgt Ion: 75 Resp: 92892
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

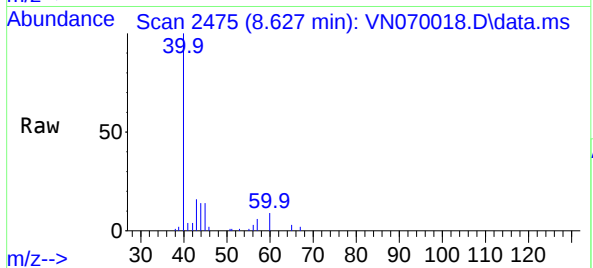
Tgt Ion: 117 Resp: 111401
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



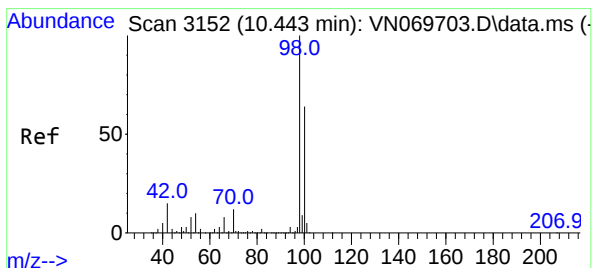
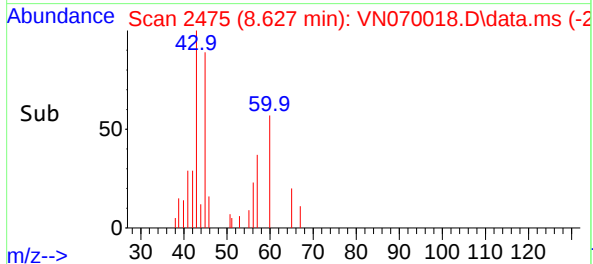
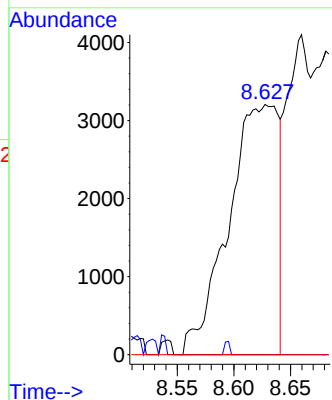


#43
Isopropyl Acetate
Concen: 0.225 ug/l
RT: 8.627 min Scan# 2451
Delta R.T. 0.064 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

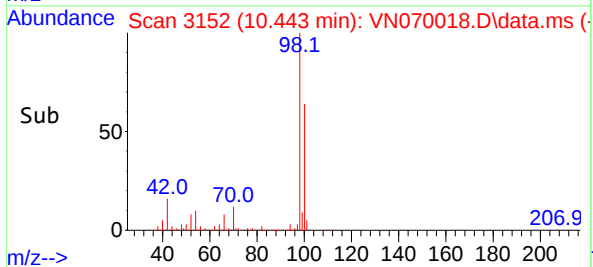
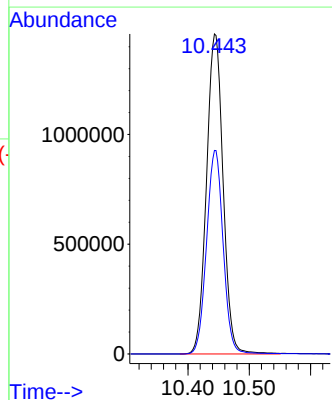
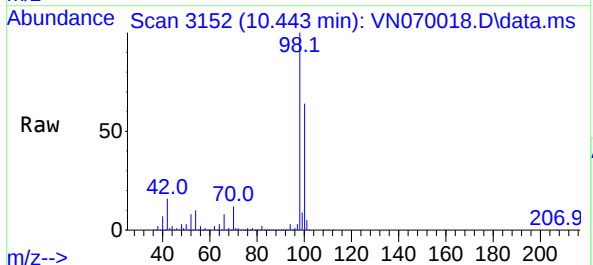


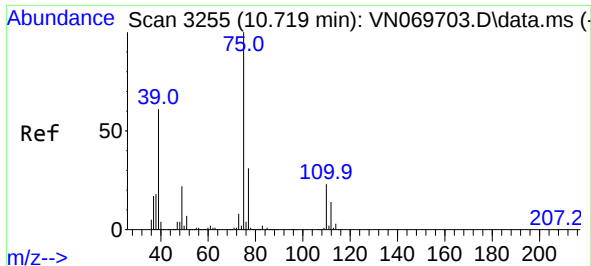
Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 52.322 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

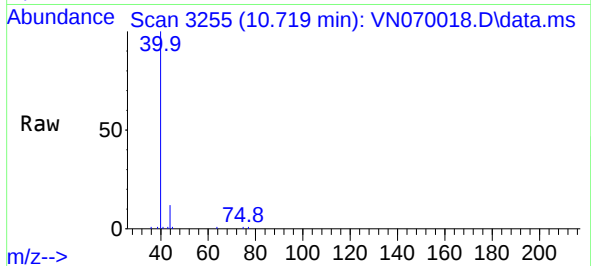
Tgt Ion: 98 Resp: 2743398
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



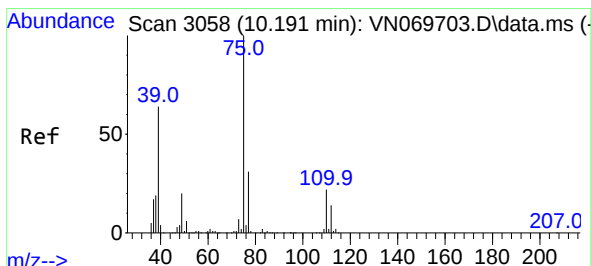
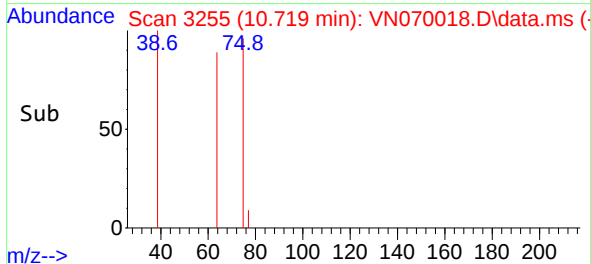
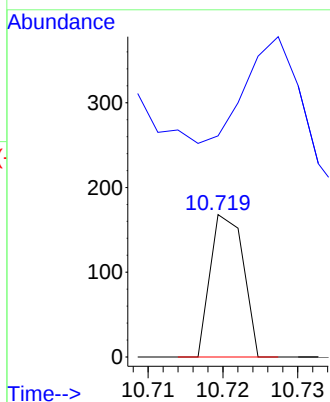


#53
t-1,3-Dichloropropene
Concen: 2.796 ug/l
RT: 10.719 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

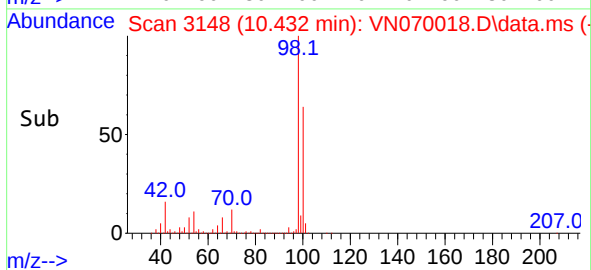
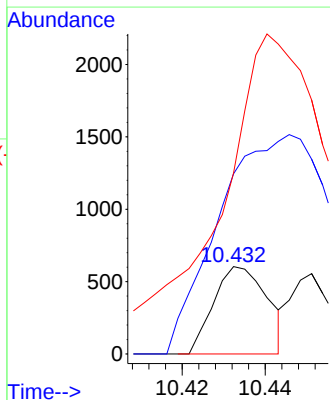
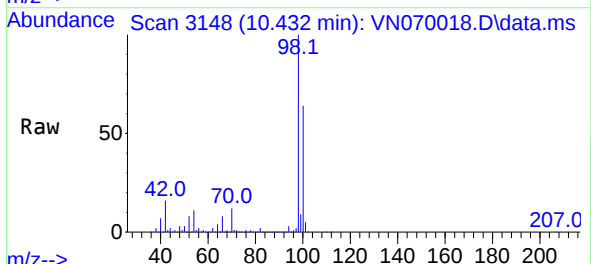


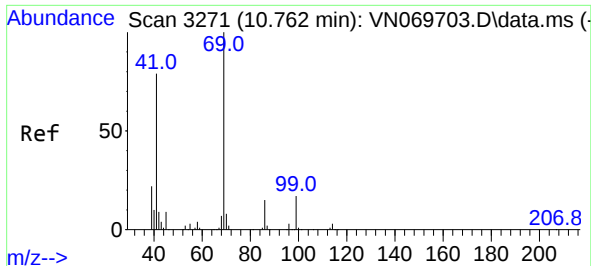
Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.019 ug/l
RT: 10.432 min Scan# 3148
Delta R.T. 0.241 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

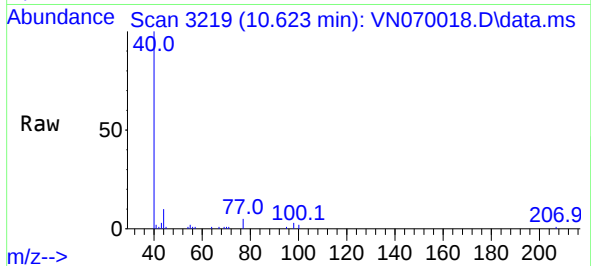
Tgt Ion: 75 Resp: 541
Ion Ratio Lower Upper
75 100
77 165.4 26.4 39.6#
39 118.7 42.5 63.7#



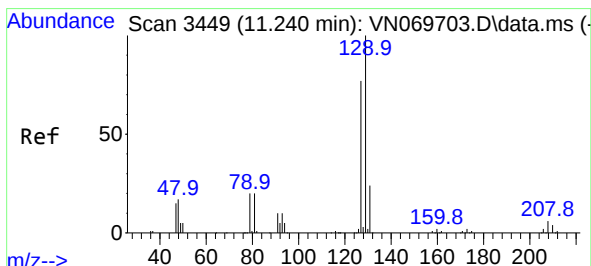
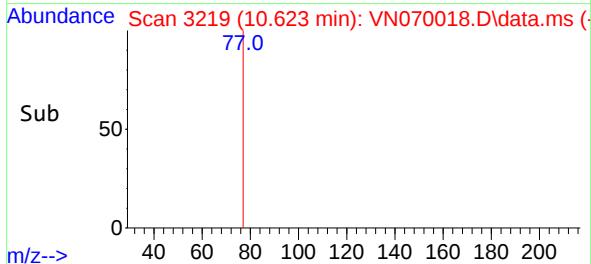
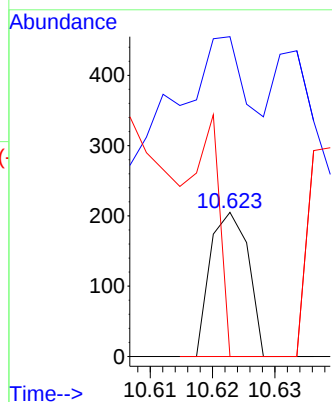


#56
Ethyl methacrylate
Concen: 2.282 ug/l
RT: 10.623 min Scan# 31
Delta R.T. -0.139 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

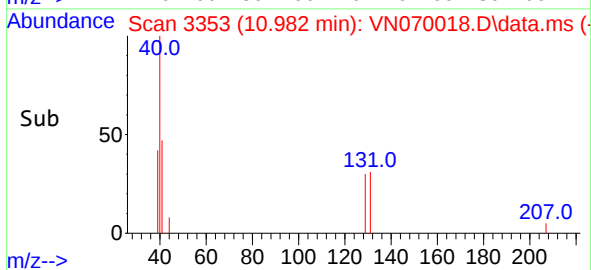
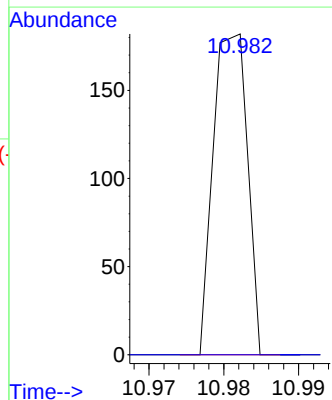
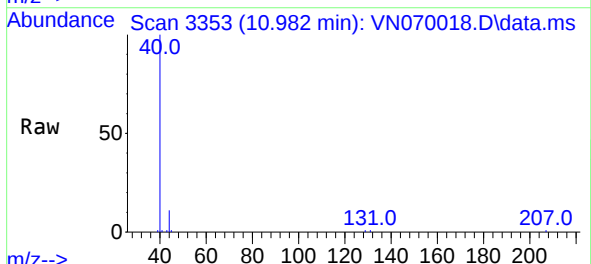


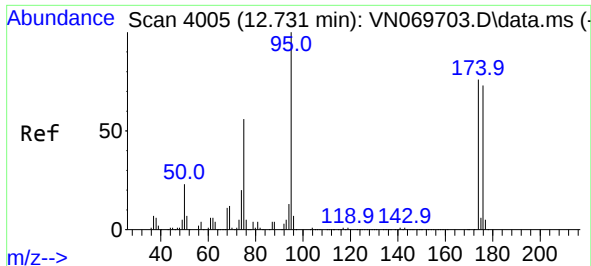
Tgt Ion: 69 Resp: 87
Ion Ratio Lower Upper
69 100
41 163.2 51.4 77.0#
39 210.3 34.6 52.0#



#60
Dibromochloromethane
Concen: 2.380 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 129 Resp: 58
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

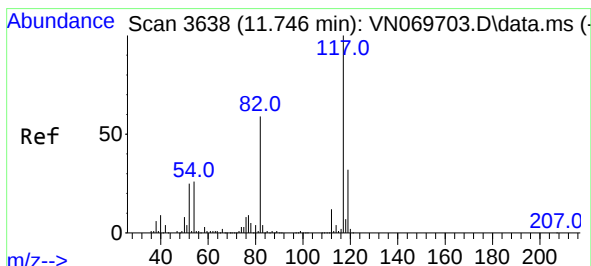
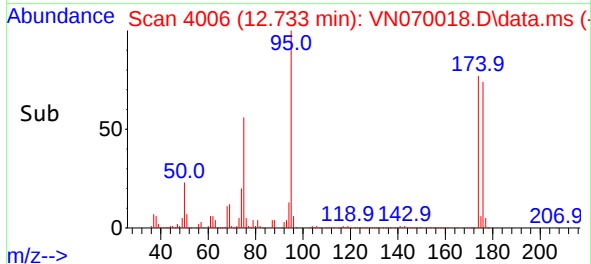
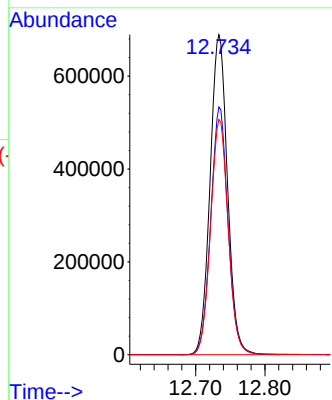
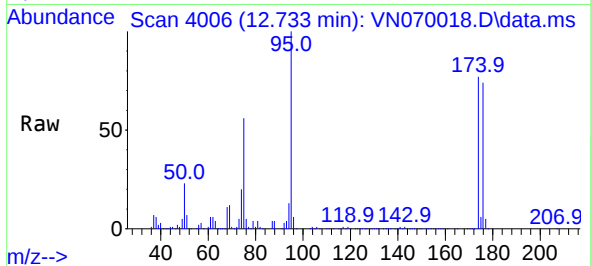




#62
4-Bromofluorobenzene
Concen: 63.347 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

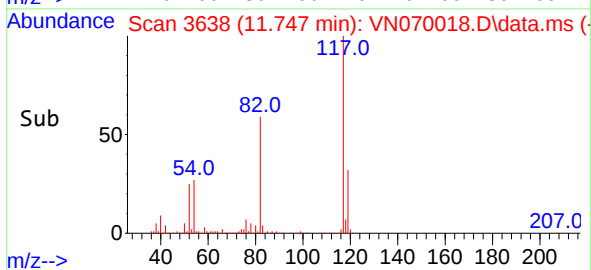
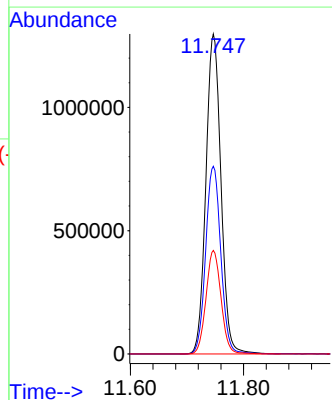
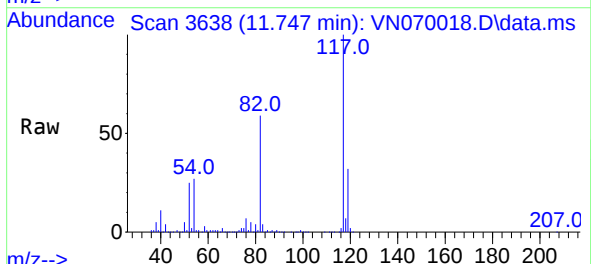
Instrument :
MSVOA_N
ClientSampleId :

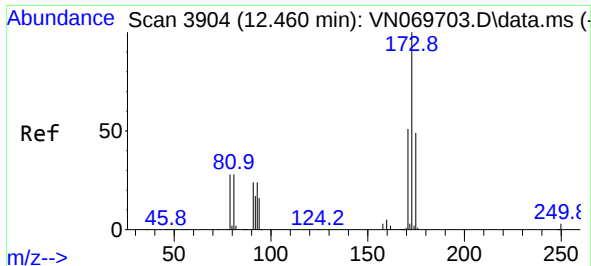
Tgt Ion: 95 Resp: 1203305
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

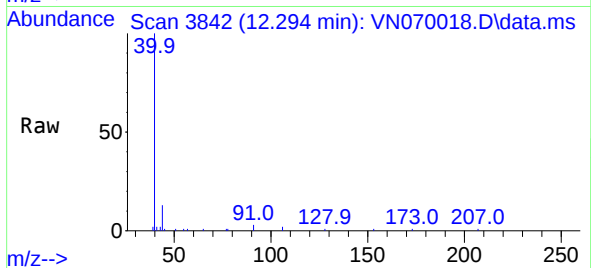
Tgt Ion: 117 Resp: 2395294
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.4 25.4 38.2



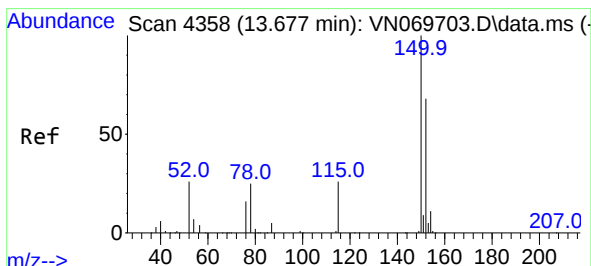
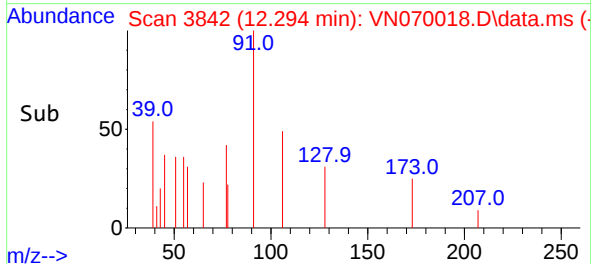
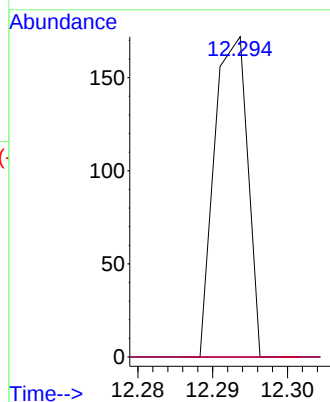


#71
Bromoform
Concen: 2.734 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.166 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :

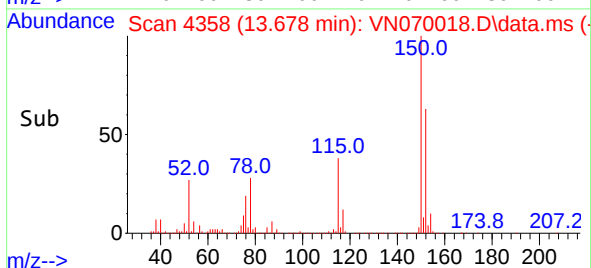
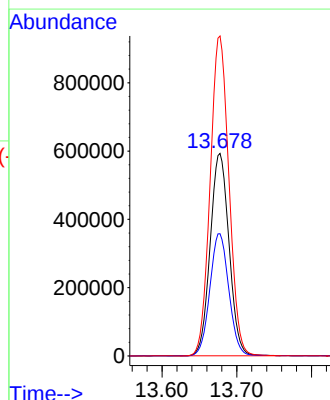
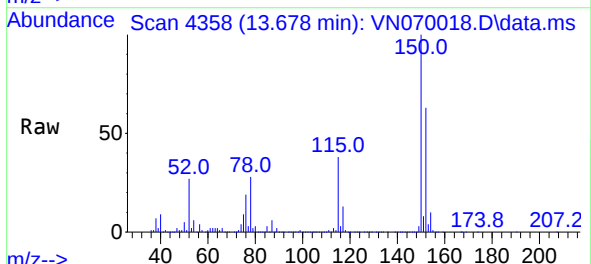


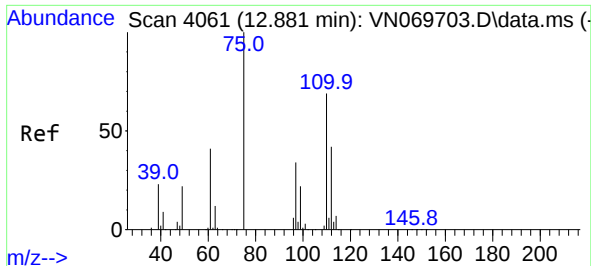
Tgt Ion:173 Resp: 53
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion:152 Resp: 1040174
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.2 0.0 344.4

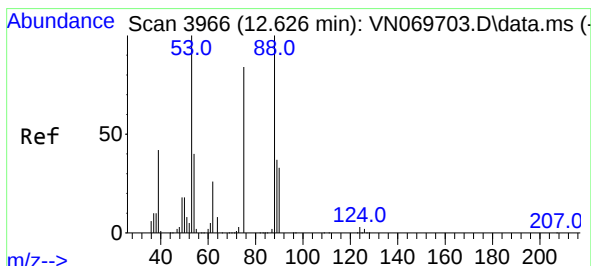
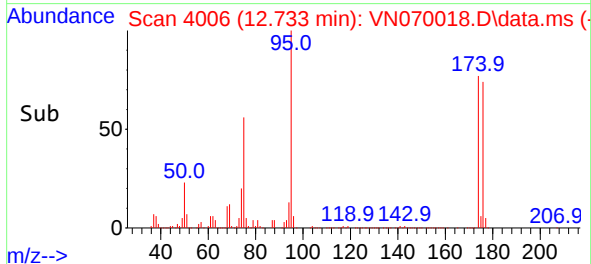
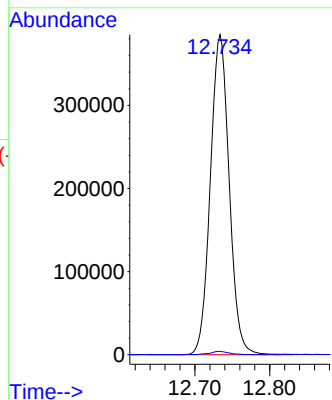
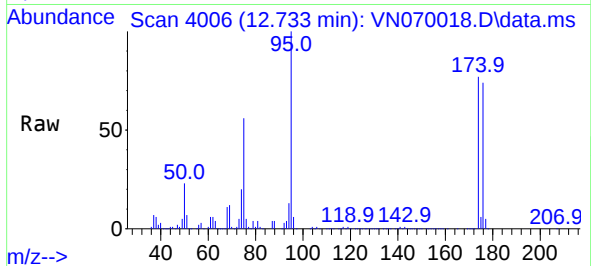




#76
1,2,3-Trichloropropane
Concen: 22.547 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

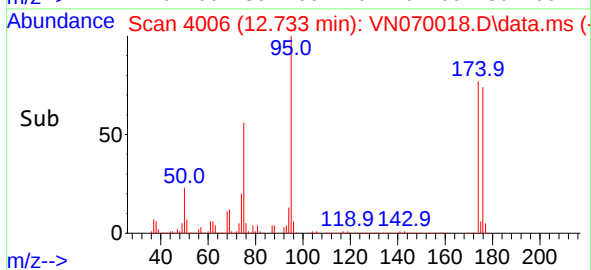
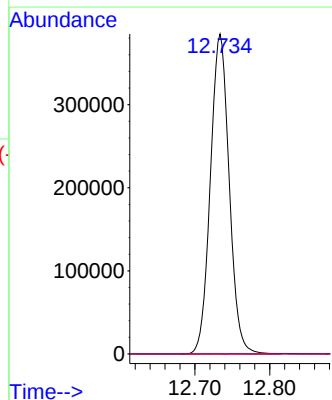
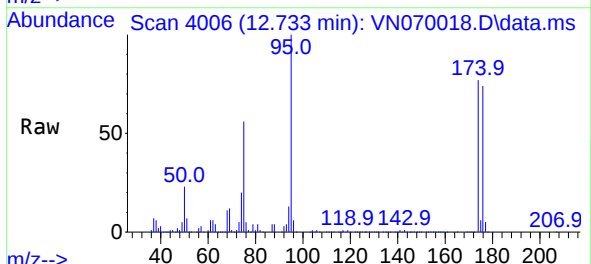
Instrument :
MSVOA_N
ClientSampleId :

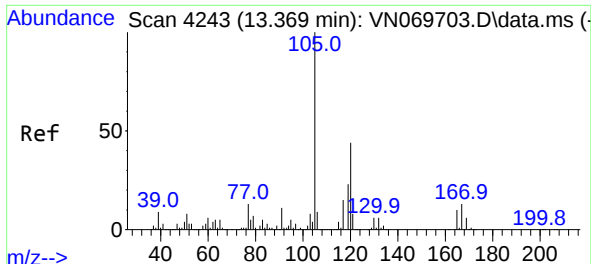
Tgt Ion: 75 Resp: 672567
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.860 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 75 Resp: 672567
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

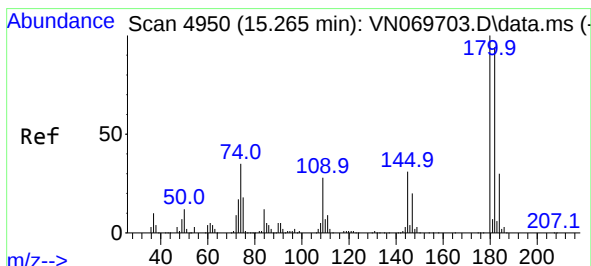
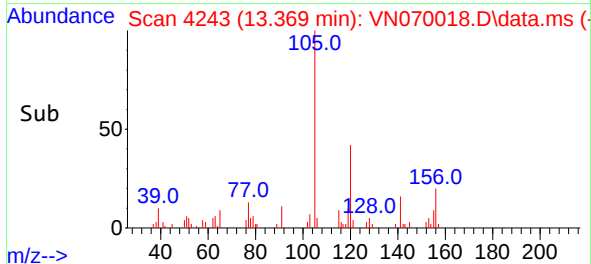
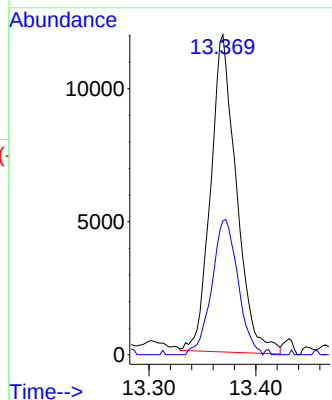
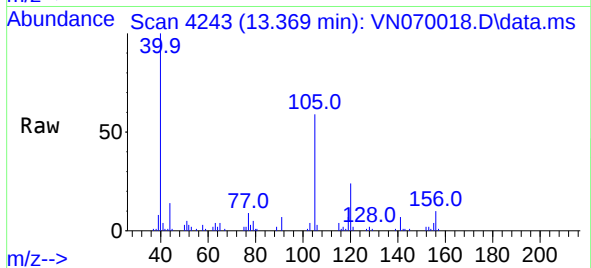




#84
1,2,4-Trimethylbenzene
Concen: 0.283 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

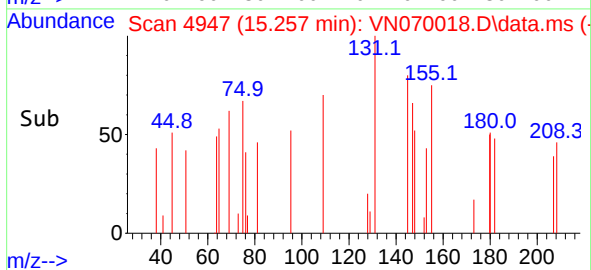
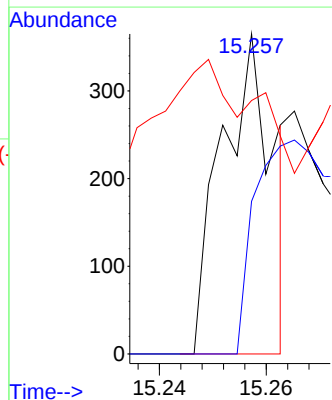
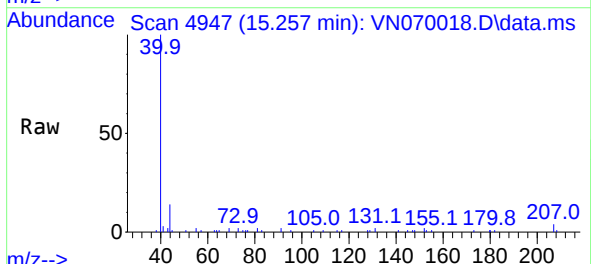
Instrument :
MSVOA_N
ClientSampleId :

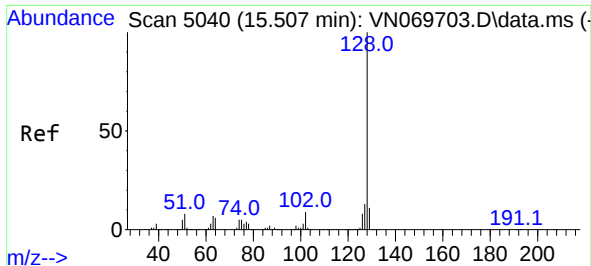
Tgt Ion:105 Resp: 20041
Ion Ratio Lower Upper
105 100
120 43.0 22.8 68.4



#93
1,2,4-Trichlorobenzene
Concen: 2.891 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

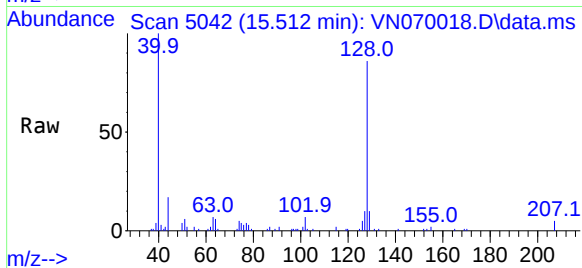
Tgt Ion:180 Resp: 243
Ion Ratio Lower Upper
180 100
182 99.6 48.3 144.9
145 60.1 14.5 43.5#



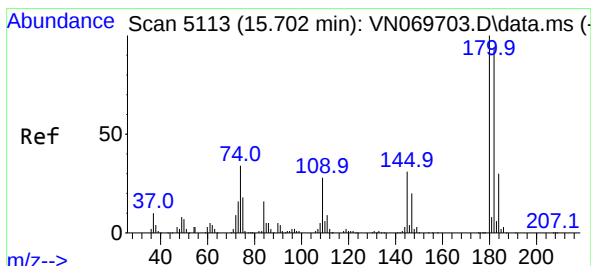
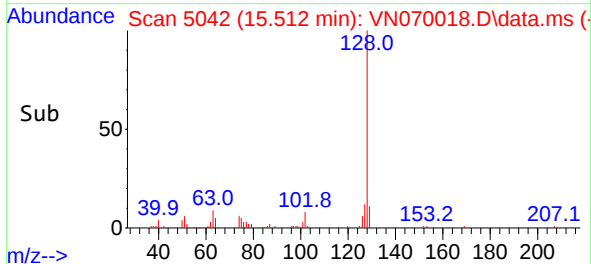
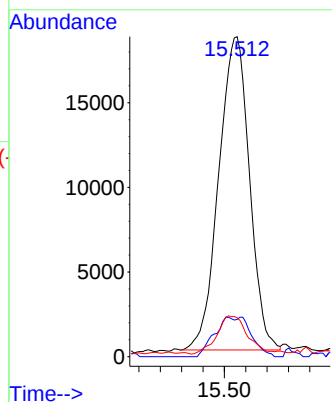


#95
Naphthalene
Concen: 4.655 ug/l
RT: 15.512 min Scan# 5040
Delta R.T. 0.005 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 37018
Ion Ratio Lower Upper
128 100
127 8.3 10.5 15.7#
129 12.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.453 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion:180 Resp: 297
Ion Ratio Lower Upper
180 100
182 155.6 47.4 142.2#
145 183.8 15.0 45.1#

