

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070412.D
 Acq On : 30 Dec 2021 20:40
 Operator : JC/MD
 Sample : M5234-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-1-(FB)

Quant Time: Dec 31 05:24:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

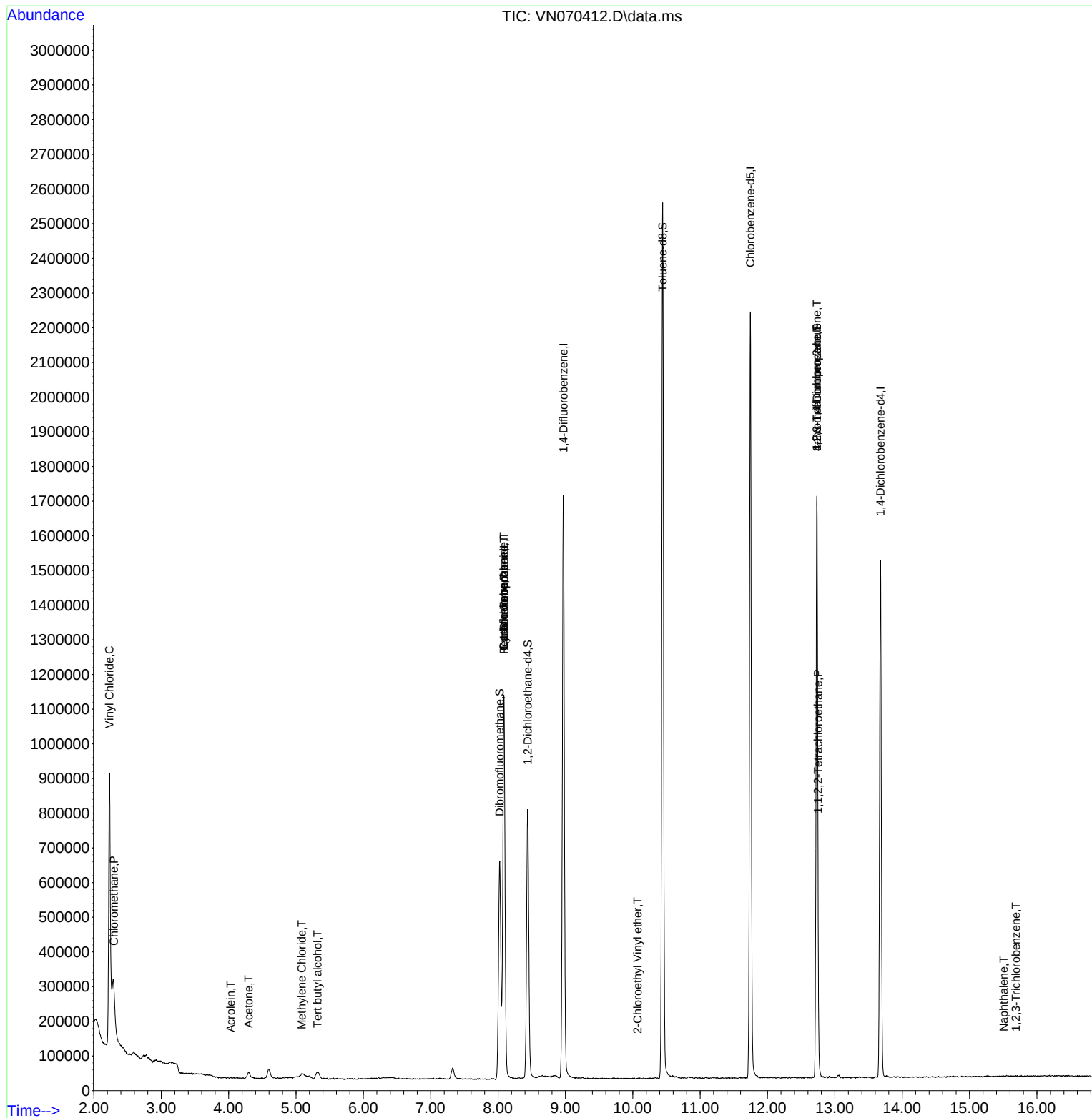
Internal Standards						
1) Pentafluorobenzene	8.088	168	831616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1428903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1278380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	410866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	651662	54.500	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.000%		
35) Dibromofluoromethane	8.024	113	463455	53.606	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 107.220%		
50) Toluene-d8	10.443	98	1743344	49.361	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.720%		
62) 4-Bromofluorobenzene	12.733	95	604846	47.416	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 94.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	6919	0.539	ug/l #	63
4) Vinyl Chloride	2.231	62	3371	0.289	ug/l #	1
11) Tert butyl alcohol	5.318	59	20872	10.484	ug/l #	71
13) Acrolein	4.030	56	340	0.210	ug/l	99
16) Acetone	4.296	43	26094	3.362	ug/l	97
20) Methylene Chloride	5.087	84	2758	0.257	ug/l #	84
31) Cyclohexane	8.086	56	19833	1.051	ug/l #	16
36) 1,1-Dichloropropene	8.086	75	67941	4.750	ug/l #	48
38) Carbon Tetrachloride	8.086	117	82536	6.044	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.073	63	24	18.518	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.749	83	26	0.449	ug/l #	25
76) 1,2,3-Trichloropropane	12.733	75	321632	27.730	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	321632	95.642	ug/l #	5
95) Naphthalene	15.507	128	2255	1.913	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.689	180	190	0.855	ug/l #	1

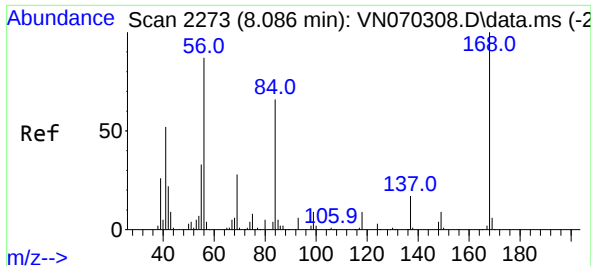
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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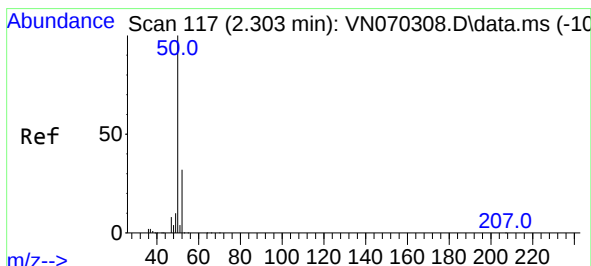
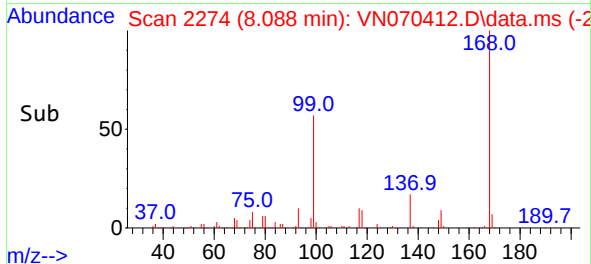
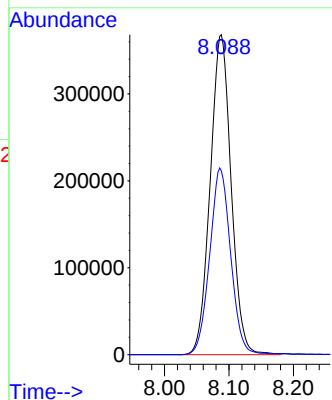
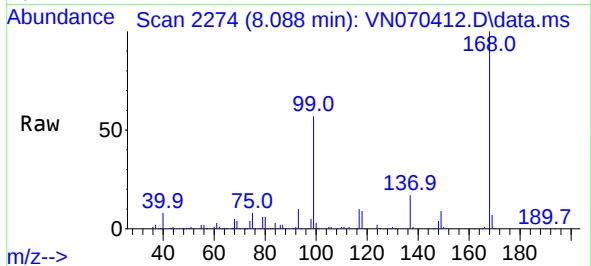




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

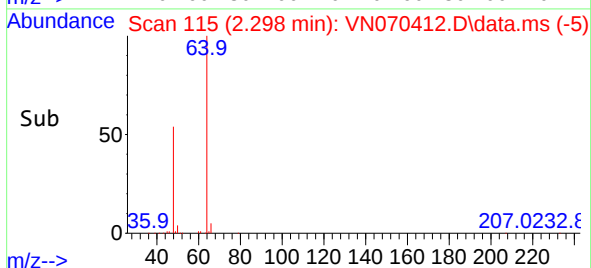
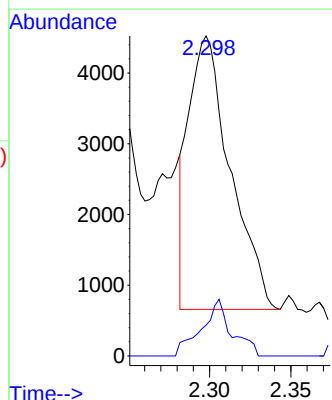
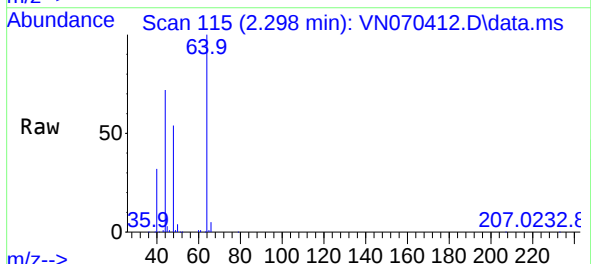
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

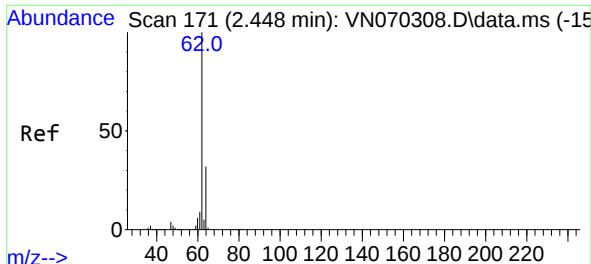
Tgt Ion:168 Resp: 831616
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.539 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 50 Resp: 6919
Ion Ratio Lower Upper
50 100
52 11.3 25.4 38.0#

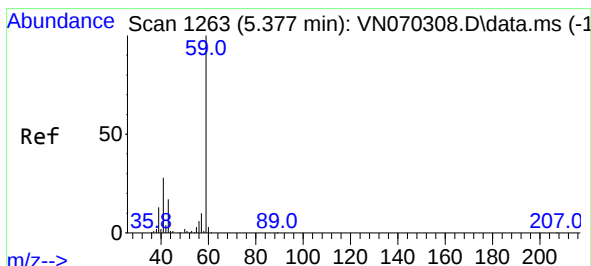
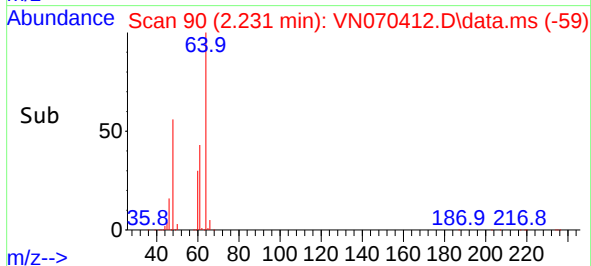
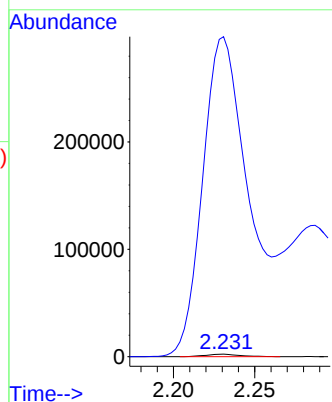
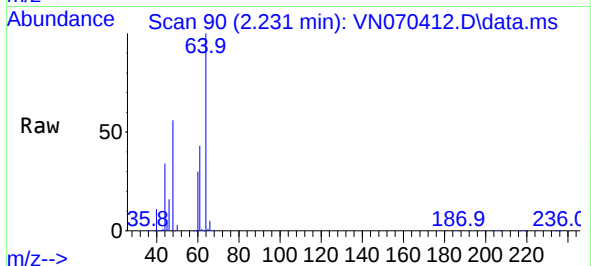




#4
 Vinyl Chloride
 Concen: 0.289 ug/l
 RT: 2.231 min Scan# 90
 Delta R.T. -0.217 min
 Lab File: VN070412.D
 Acq: 30 Dec 2021 20:40

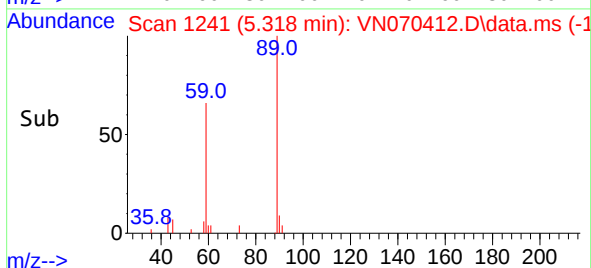
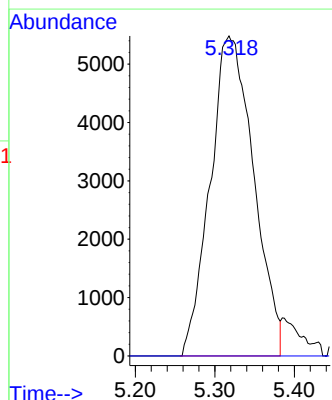
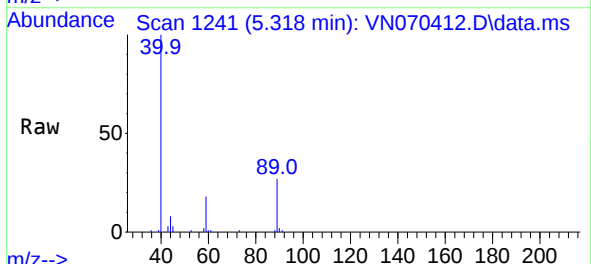
Instrument :
 MSVOA_N
 ClientSampleId :
 P-1-(FB)

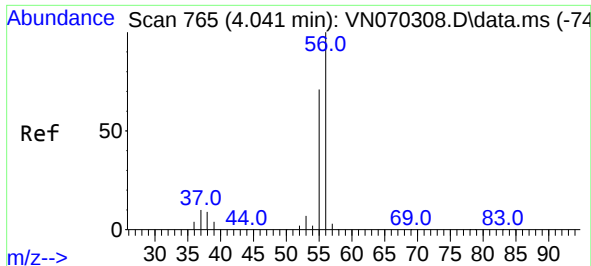
Tgt Ion: 62 Resp: 3371
 Ion Ratio Lower Upper
 62 100
 64 12226.8 25.8 38.6#



#11
 Tert butyl alcohol
 Concen: 10.484 ug/l
 RT: 5.318 min Scan# 1241
 Delta R.T. -0.059 min
 Lab File: VN070412.D
 Acq: 30 Dec 2021 20:40

Tgt Ion: 59 Resp: 20872
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#

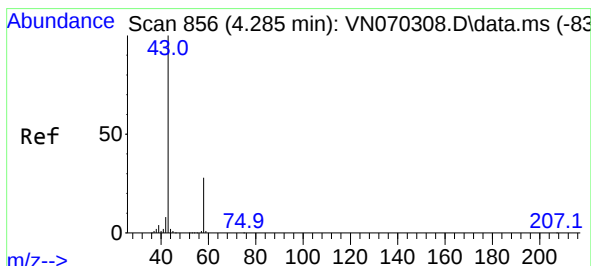
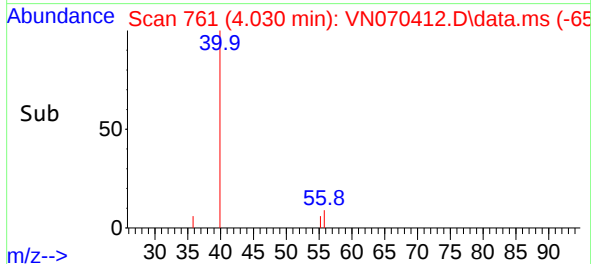
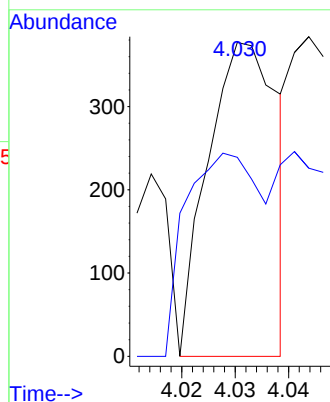
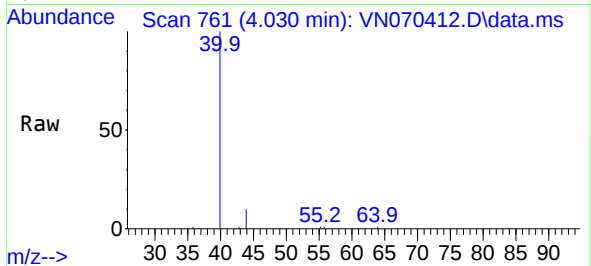




#13
Acrolein
Concen: 0.210 ug/l
RT: 4.030 min Scan# 761
Delta R.T. -0.011 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

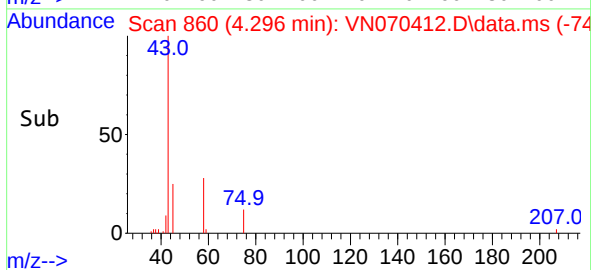
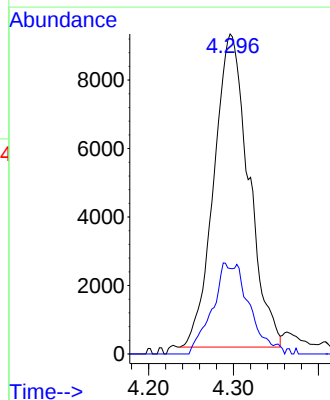
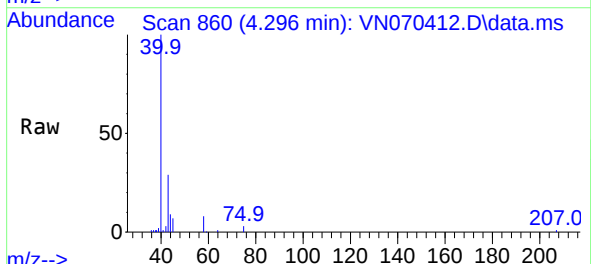
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

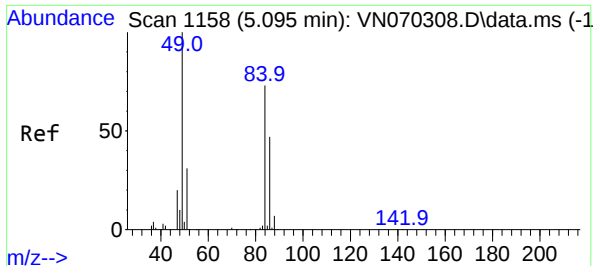
Tgt Ion: 56 Resp: 340
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0



#16
Acetone
Concen: 3.362 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 43 Resp: 26094
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7



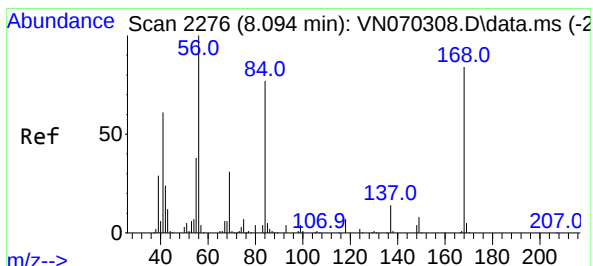
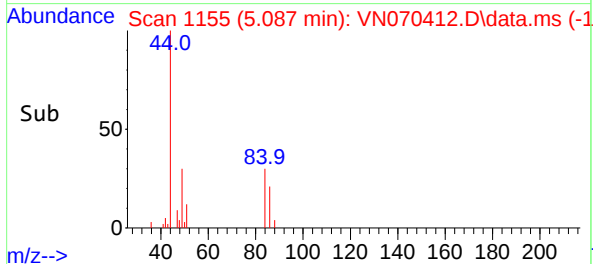
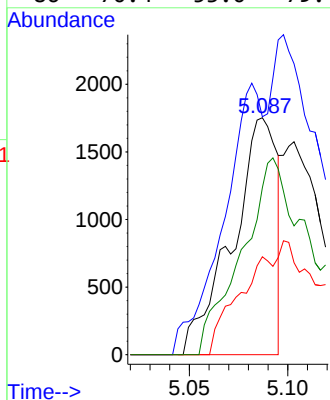
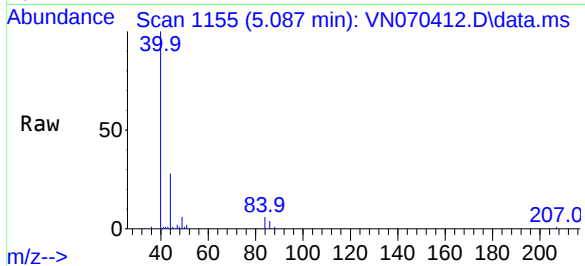


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.008 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

Tgt Ion: 84 Resp: 2758

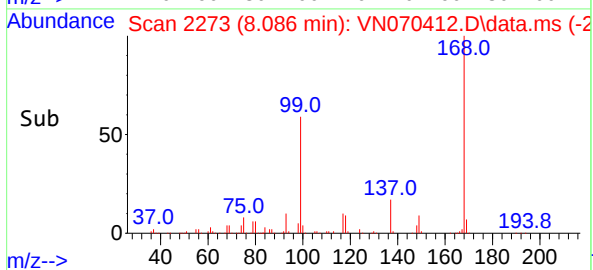
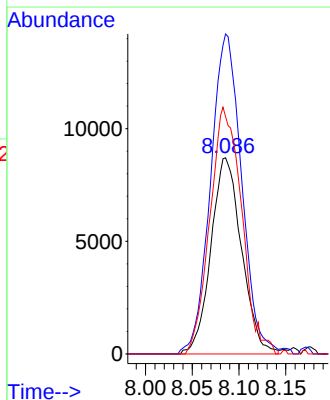
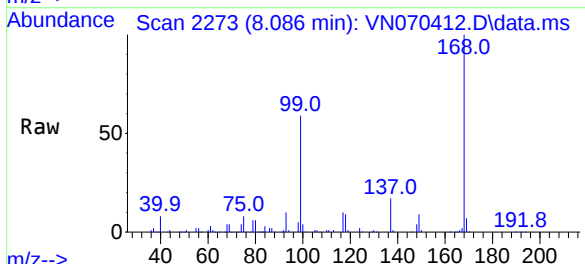
Ion	Ratio	Lower	Upper
84	100		
49	89.5	93.5	140.3#
51	41.3	29.4	44.2
86	70.4	53.0	79.4

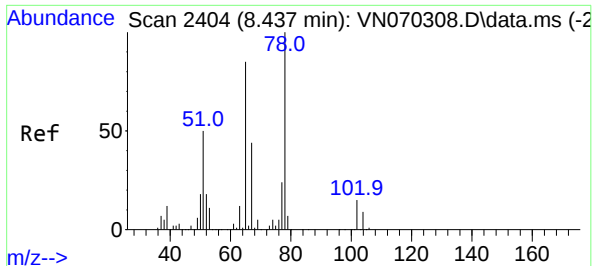


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 56 Resp: 19833

Ion	Ratio	Lower	Upper
56	100		
69	163.2	27.1	40.7#
84	121.1	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 54.500 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070412.D

Acq: 30 Dec 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

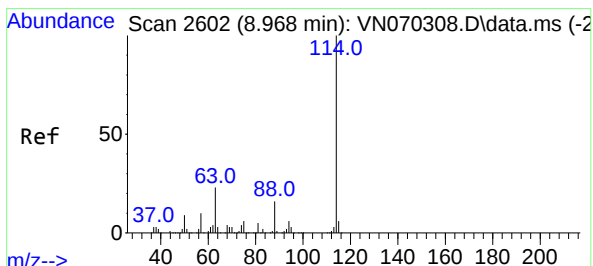
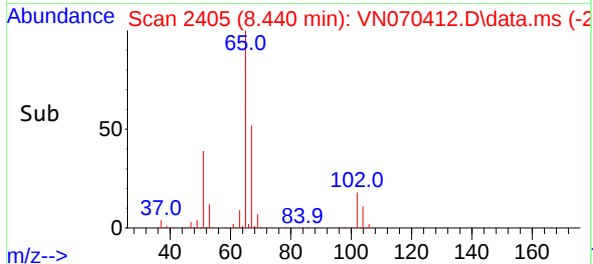
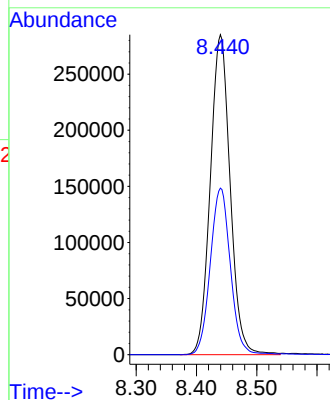
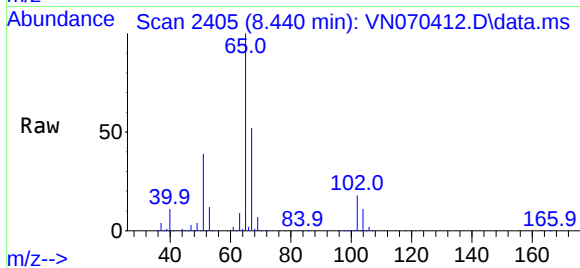
P-1-(FB)

Tgt Ion: 65 Resp: 651662

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN070412.D

Acq: 30 Dec 2021 20:40

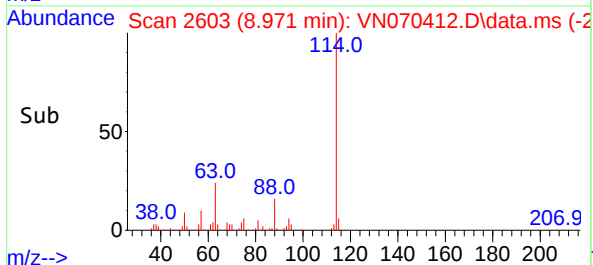
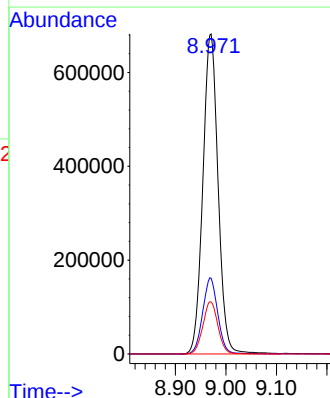
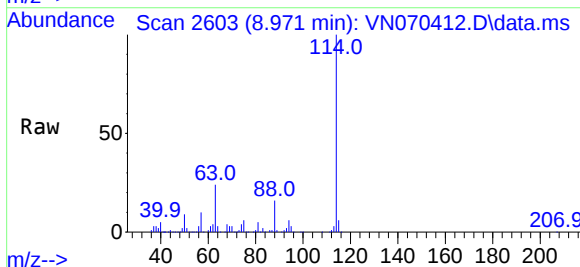
Tgt Ion: 114 Resp: 1428903

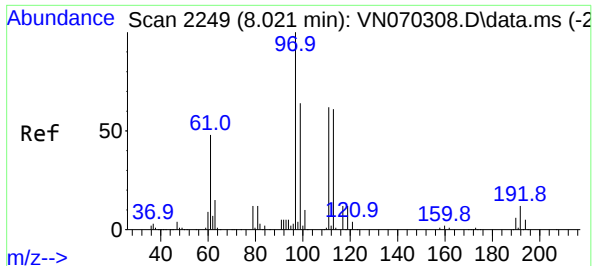
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.3 0.0 27.4

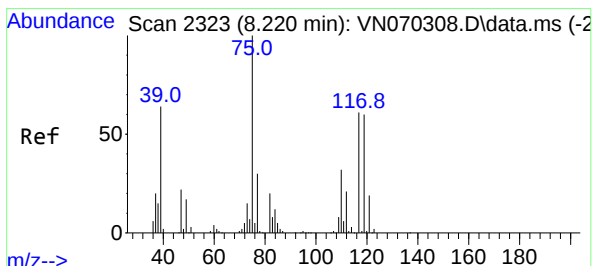
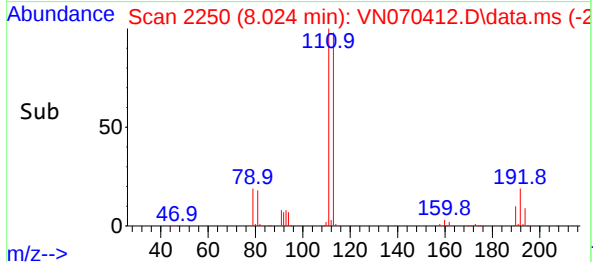
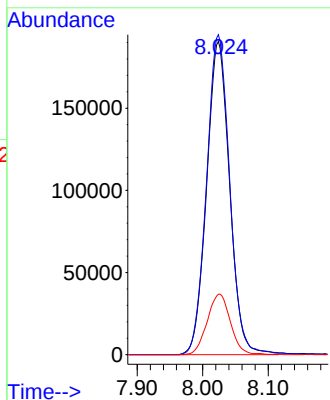
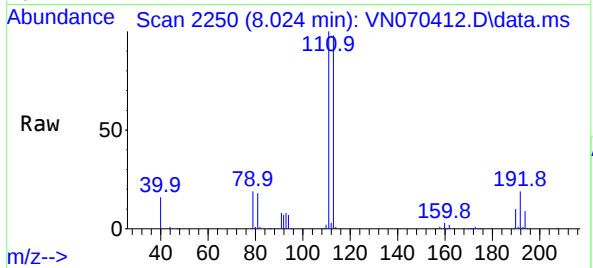




#35
Dibromofluoromethane
Concen: 53.606 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

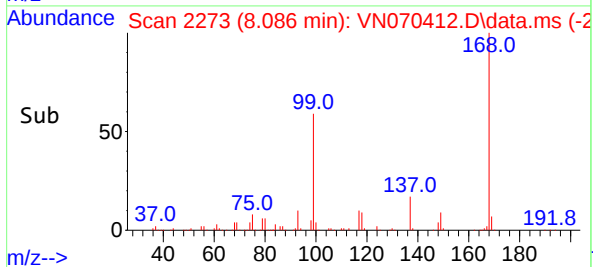
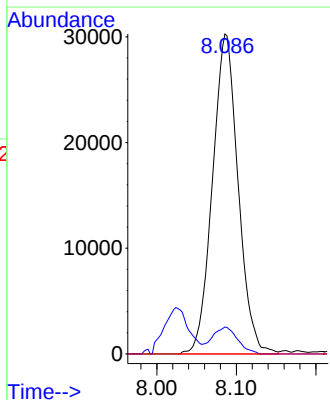
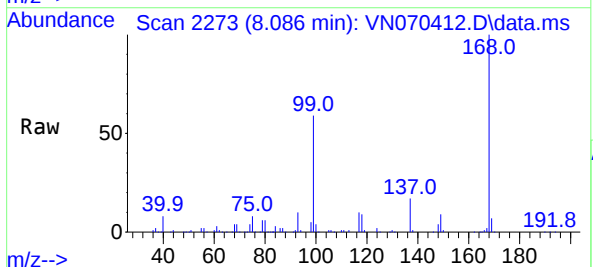
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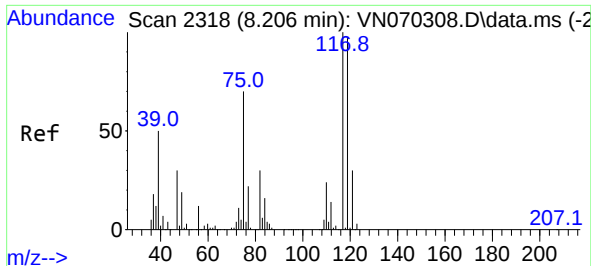
Tgt Ion:113 Resp: 463455
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 75 Resp: 67941
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#

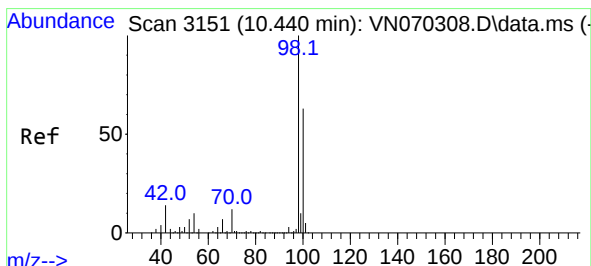
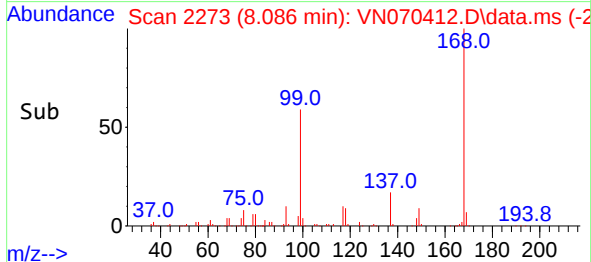
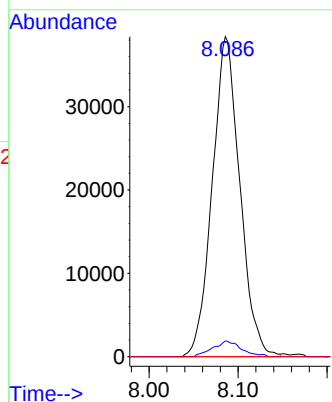
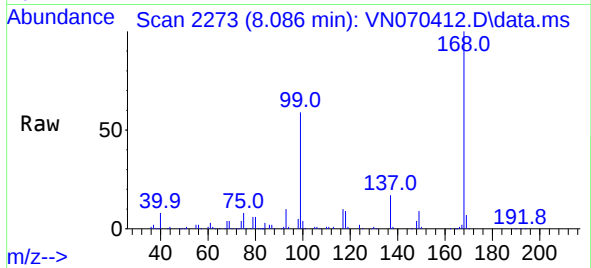




#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

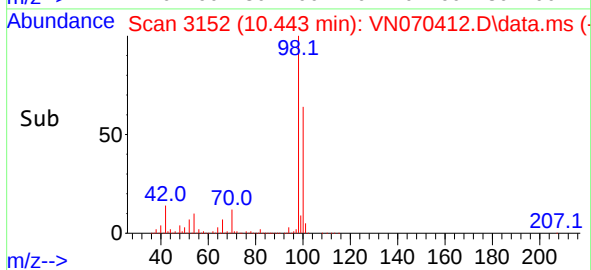
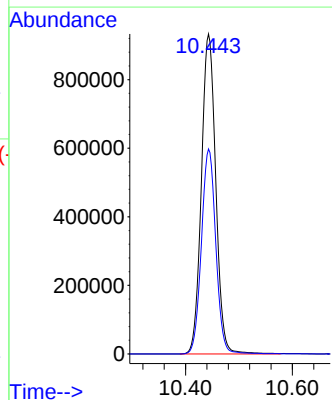
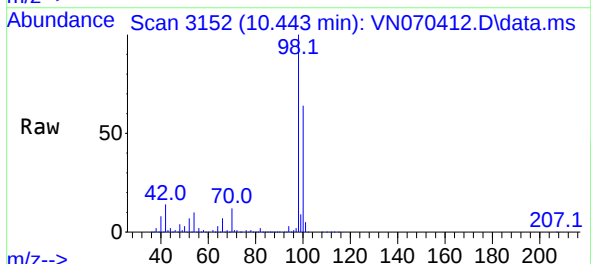
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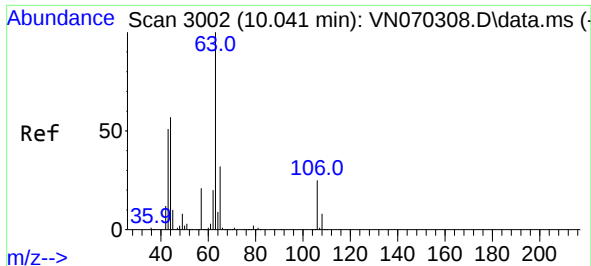
Tgt Ion:117 Resp: 82536
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.361 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 98 Resp: 1743344
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

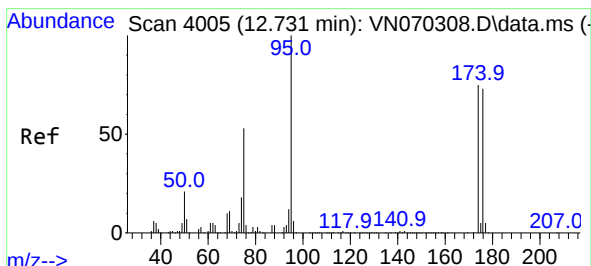
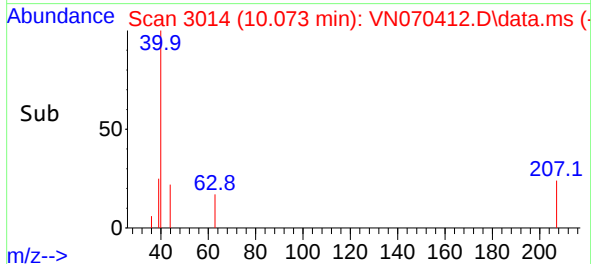
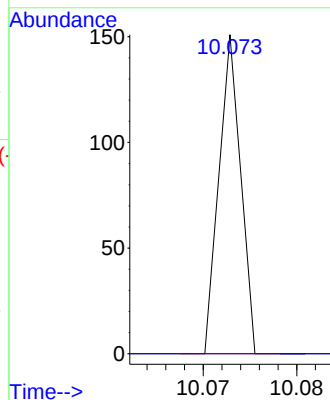
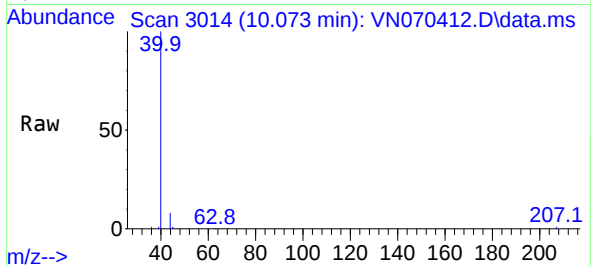




#58
2-Chloroethyl Vinyl ether
Concen: 18.518 ug/l
RT: 10.073 min Scan# 3002
Delta R.T. 0.032 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

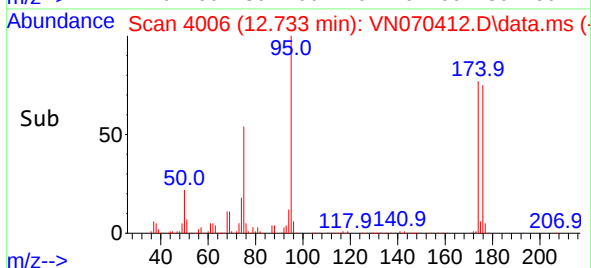
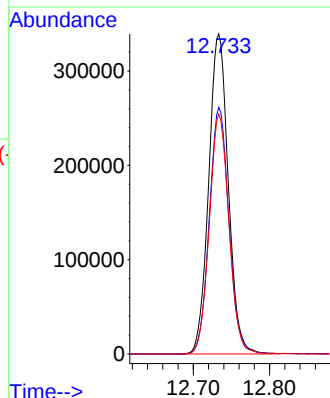
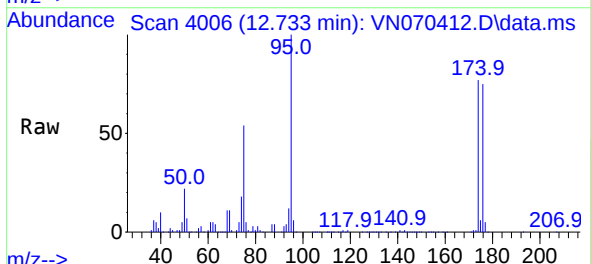
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

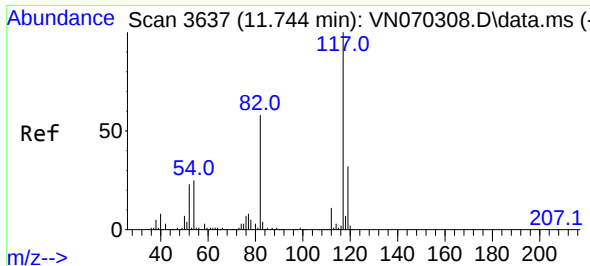
Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 95 Resp: 604846
Ion Ratio Lower Upper
95 100
174 77.6 0.0 187.2
176 74.8 0.0 181.4

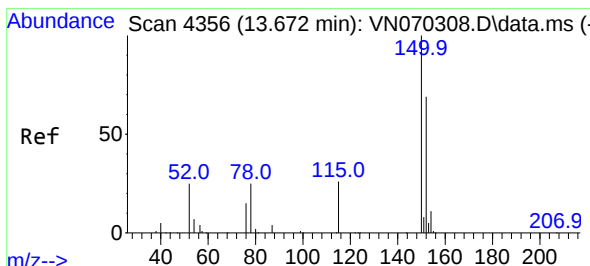
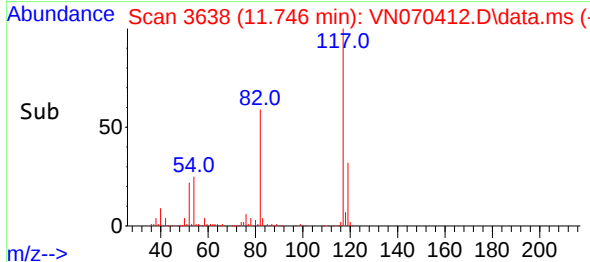
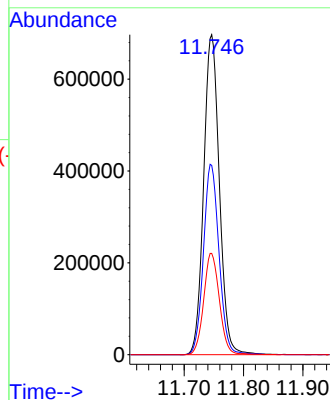
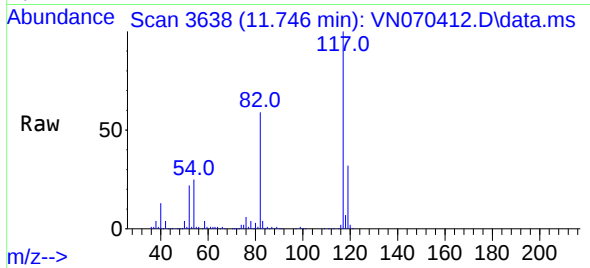




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

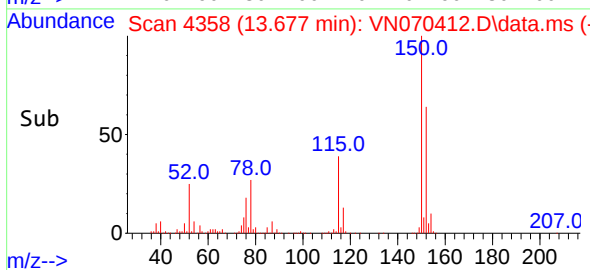
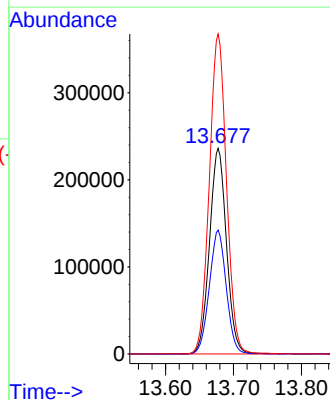
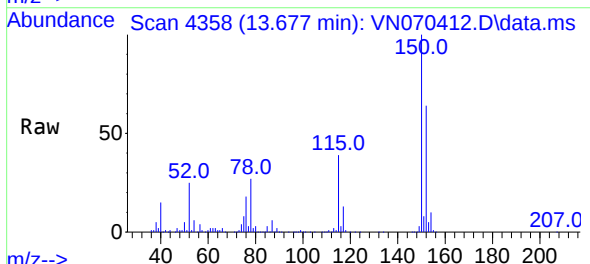
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

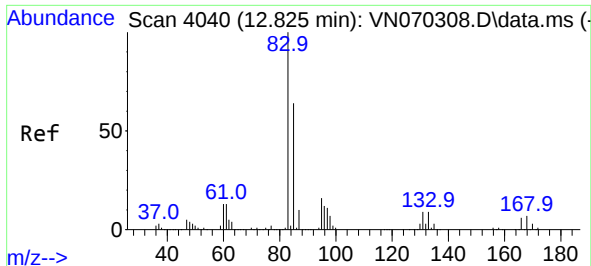
Tgt Ion:117 Resp: 1278380
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.005 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion:152 Resp: 410866
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 156.7 0.0 344.4

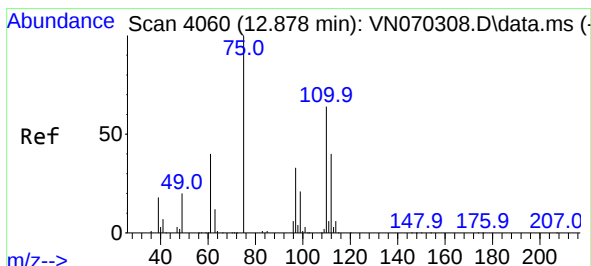
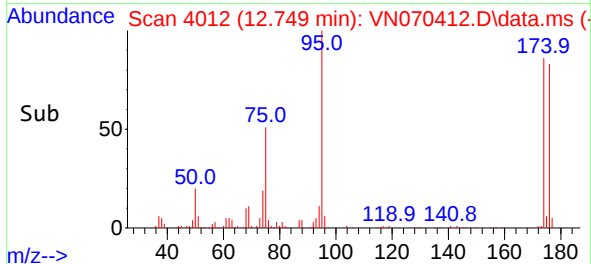
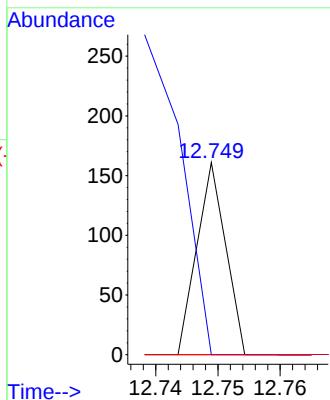
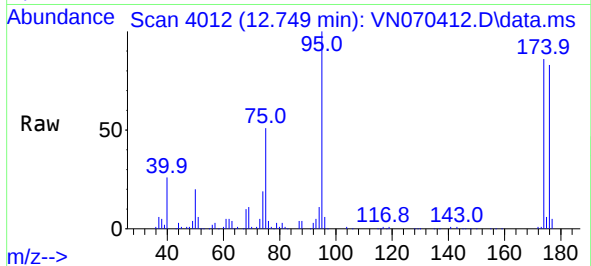




#75
1,1,2,2-Tetrachloroethane
Concen: 0.449 ug/l
RT: 12.749 min Scan# 4012
Delta R.T. -0.076 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

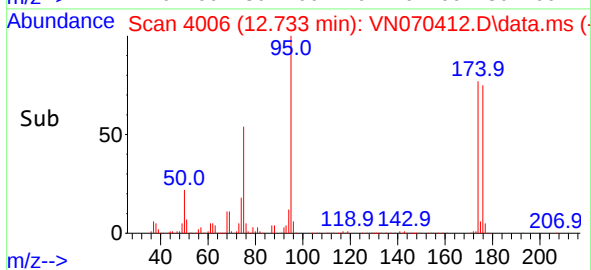
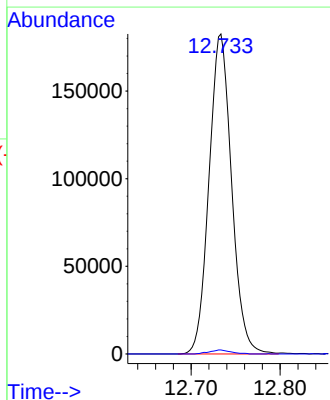
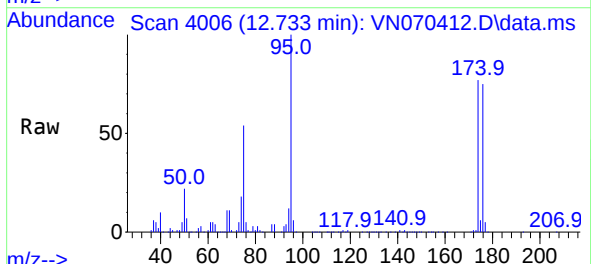
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

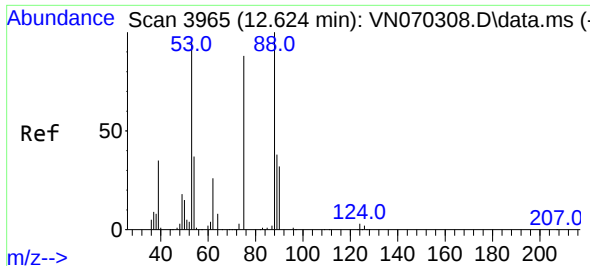
Tgt Ion: 83 Resp: 26
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.730 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.145 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

Tgt Ion: 75 Resp: 321632
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

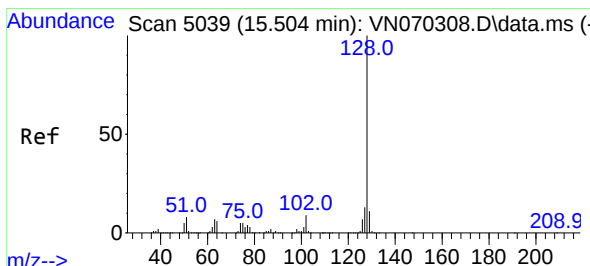
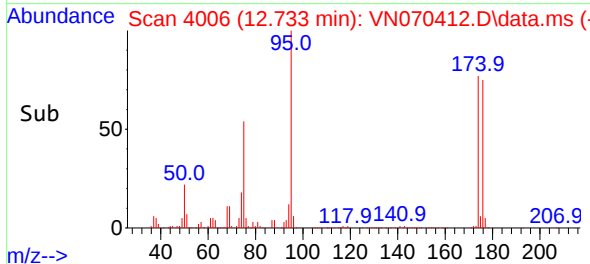
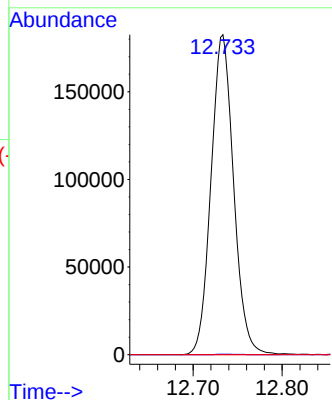
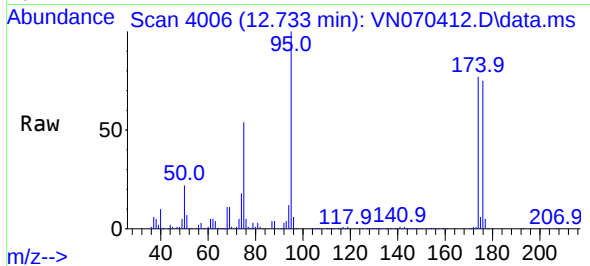




#81
trans-1,4-Dichloro-2-butene
Concen: 95.642 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.109 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

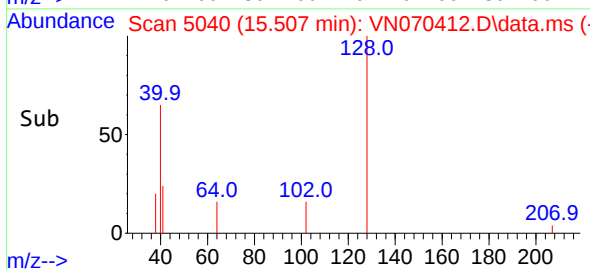
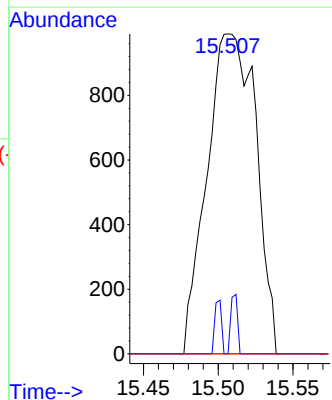
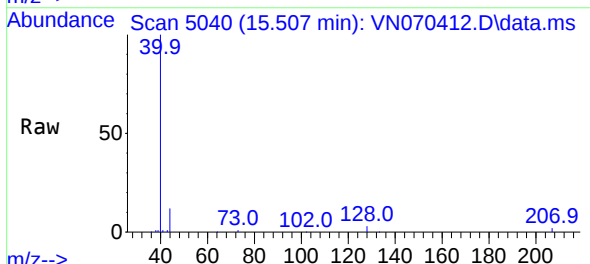
Instrument :
MSVOA_N
ClientSampleId :
P-1-(FB)

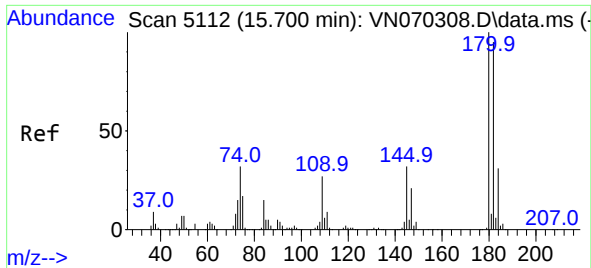
Tgt Ion: 75 Resp: 321632
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.913 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070412.D
Acq: 30 Dec 2021 20:40

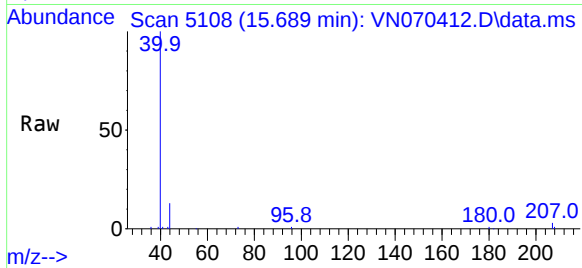
Tgt Ion: 128 Resp: 2255
Ion Ratio Lower Upper
128 100
127 2.6 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.855 ug/l
 RT: 15.689 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: VN070412.D
 Acq: 30 Dec 2021 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P-1-(FB)



Tgt Ion:180 Resp: 190
 Ion Ratio Lower Upper
 180 100
 182 215.3 47.4 142.2#
 145 0.0 15.0 45.1#

