

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071042.D
 Acq On : 23 Feb 2022 18:57
 Operator : JC\MD
 Sample : N1642-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31457

Quant Time: Feb 24 00:41:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

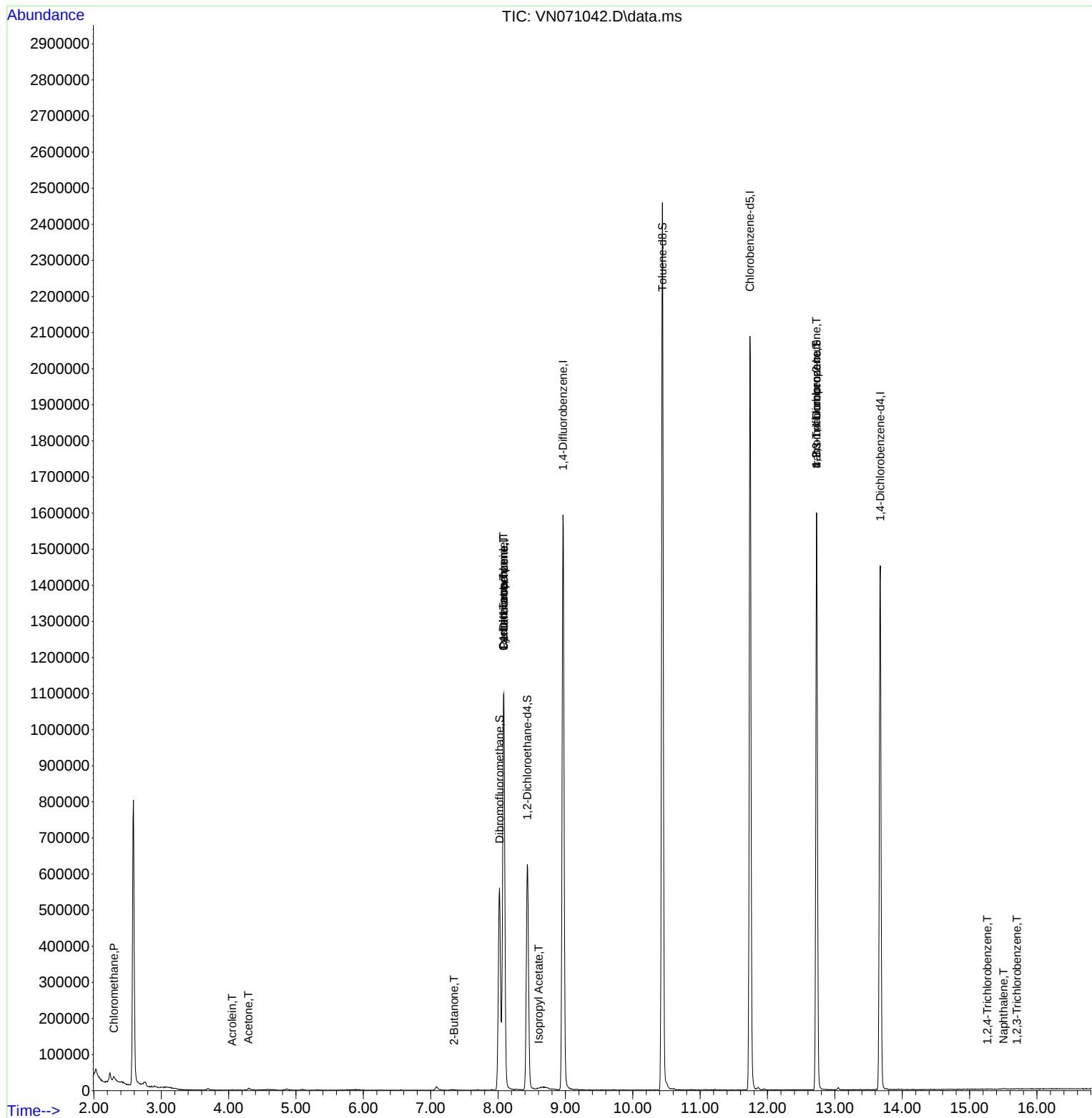
Internal Standards						
1) Pentafluorobenzene	8.087	168	880464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1386528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1227641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	519615	51.663	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.320%		
35) Dibromofluoromethane	8.022	113	408634	49.549	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.100%		
50) Toluene-d8	10.439	98	1679985	50.725	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.440%		
62) 4-Bromofluorobenzene	12.727	95	556766	47.031	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 94.060%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	3159	0.275	ug/l #	76
13) Acrolein	4.052	56	538	0.328	ug/l #	62
16) Acetone	4.293	43	5541	1.000	ug/l	97
18) Methyl Acetate	4.869	43	7036	Below Cal	#	82
25) 2-Butanone	7.345	43	2911	0.395	ug/l #	89
31) Cyclohexane	8.081	56	17513	1.007	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	66382	4.913	ug/l #	48
38) Carbon Tetrachloride	8.081	117	85308	6.408	ug/l #	16
43) Isopropyl Acetate	8.604	43	5053	0.221	ug/l #	55
76) 1,2,3-Trichloropropane	12.727	75	282567	28.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	282567	93.549	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	369	2.045	ug/l #	57
95) Naphthalene	15.504	128	2293	5.101	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.704	180	332	2.561	ug/l #	14

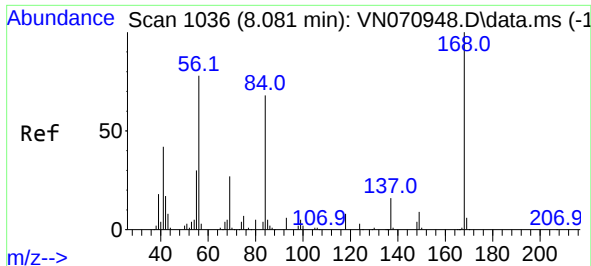
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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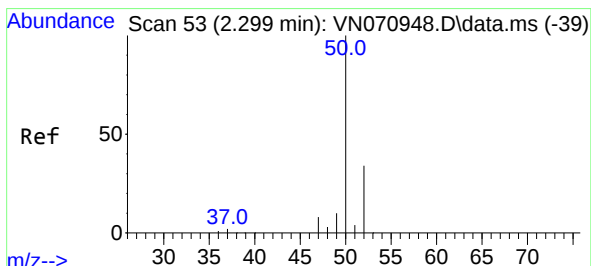
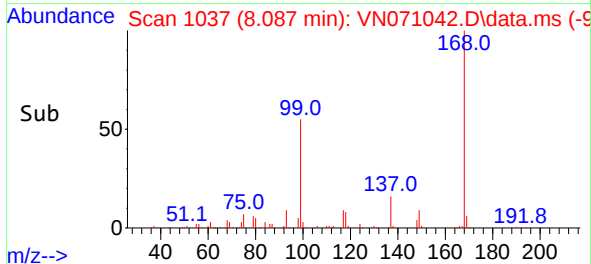
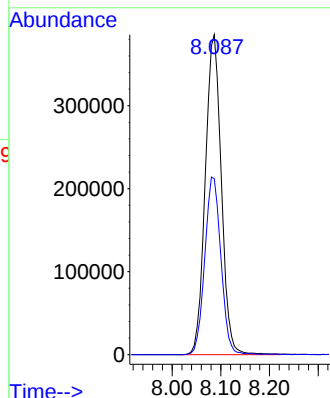
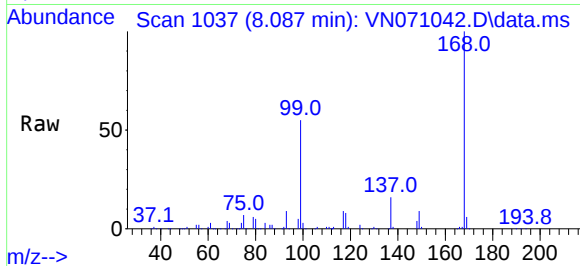




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

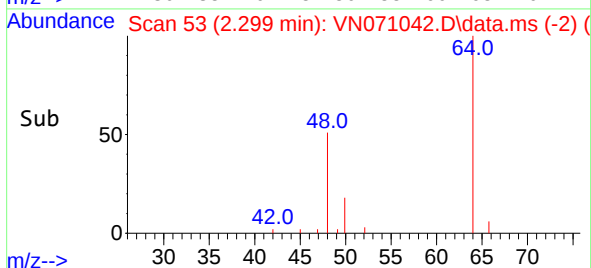
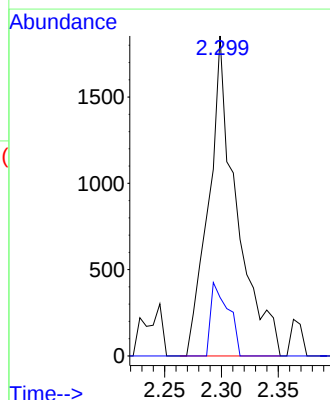
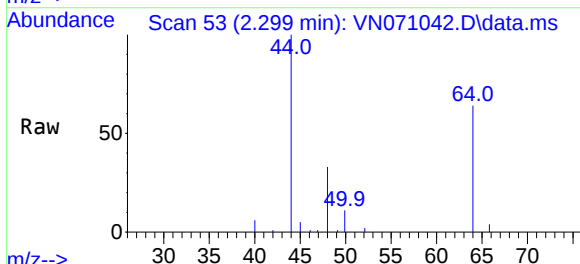
Instrument :
MSVOA_N
ClientSampleId :
31457

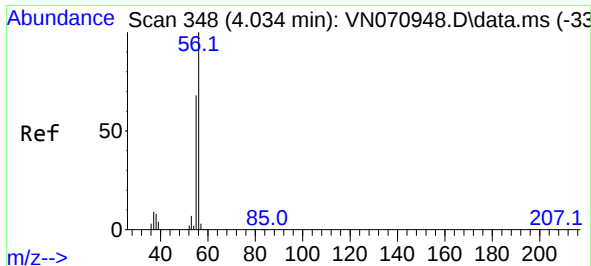
Tgt Ion:168 Resp: 880464
Ion Ratio Lower Upper
168 100
99 55.0 41.3 61.9



#3
Chloromethane
Concen: 0.275 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 50 Resp: 3159
Ion Ratio Lower Upper
50 100
52 18.3 25.4 38.0#

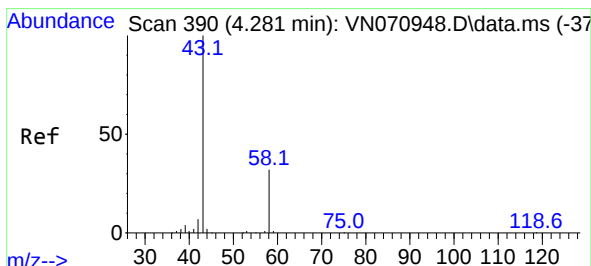
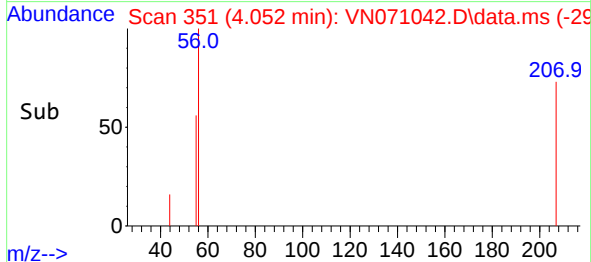
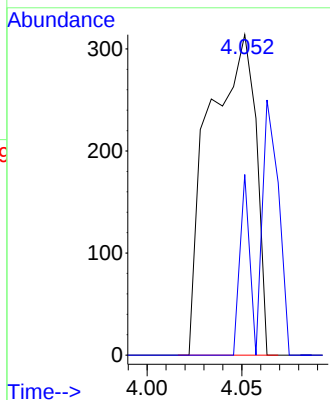
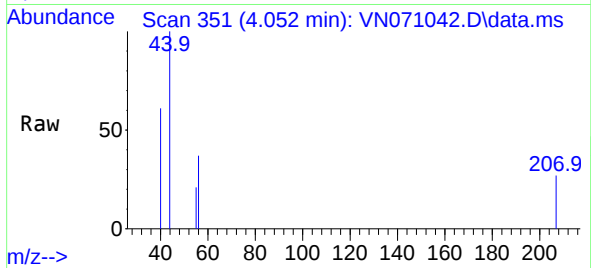




#13
Acrolein
Concen: 0.328 ug/l
RT: 4.052 min Scan# 31457
Delta R.T. 0.018 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

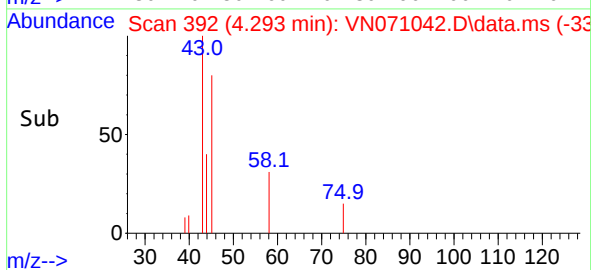
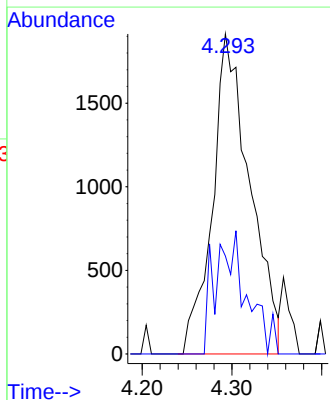
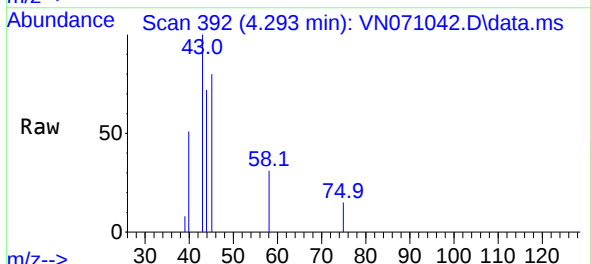
Instrument :
MSVOA_N
ClientSampleId :
31457

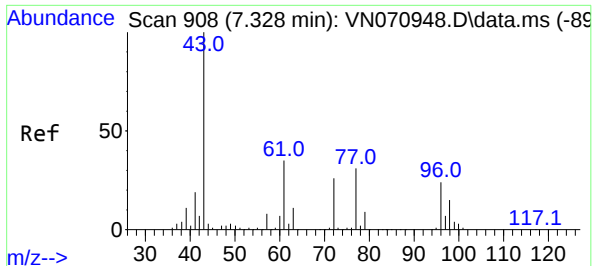
Tgt Ion: 56 Resp: 538
Ion Ratio Lower Upper
56 100
55 39.0 56.6 85.0#



#16
Acetone
Concen: 1.000 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#25

2-Butanone

Concen: 0.395 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071042.D

Acq: 23 Feb 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

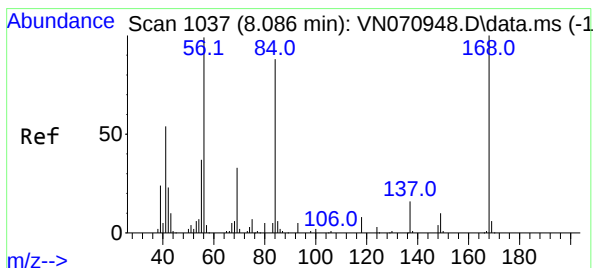
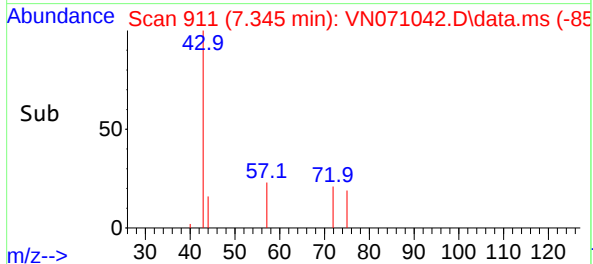
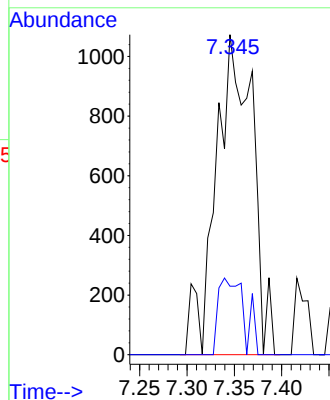
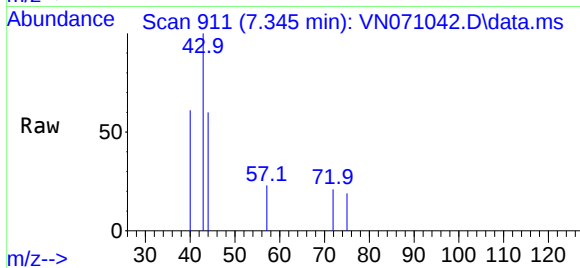
31457

Tgt Ion: 43 Resp: 2911

Ion Ratio Lower Upper

43 100

72 21.4 21.7 32.5#



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN071042.D

Acq: 23 Feb 2022 18:57

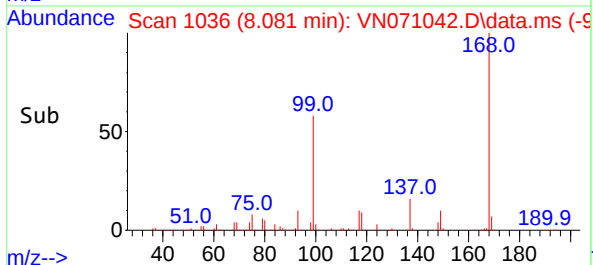
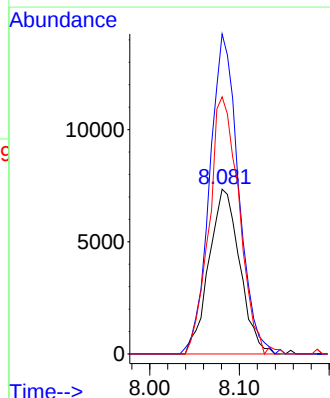
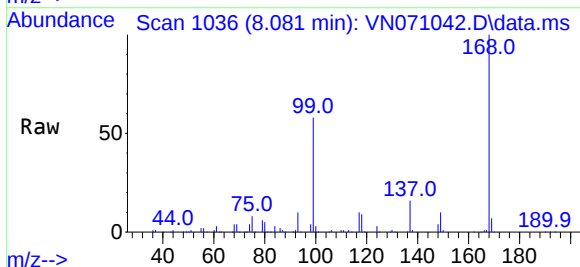
Tgt Ion: 56 Resp: 17513

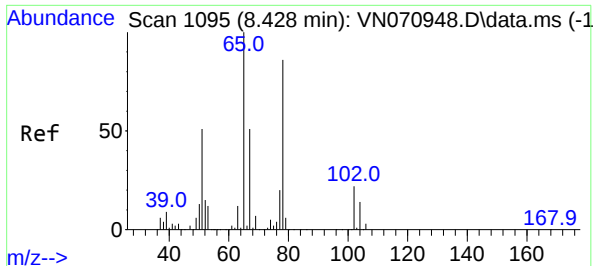
Ion Ratio Lower Upper

56 100

69 194.1 27.1 40.7#

84 156.0 73.4 110.0#

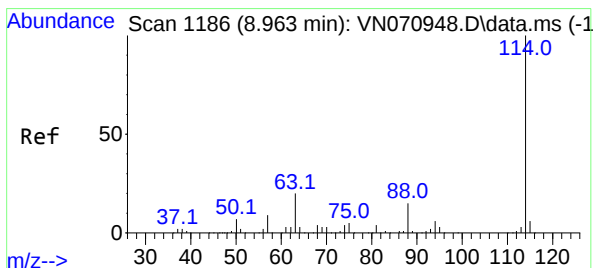
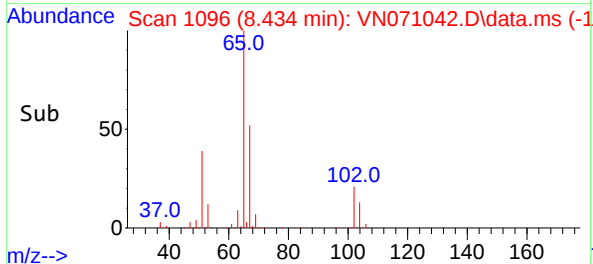
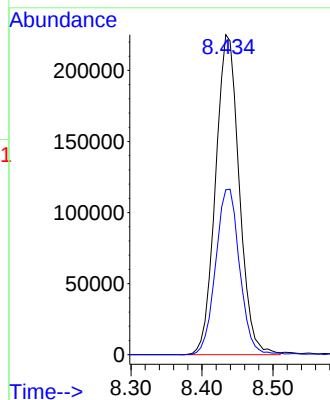
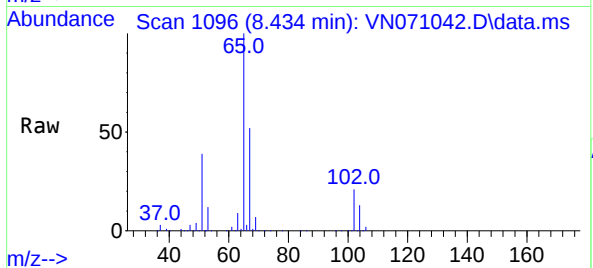




#33
1,2-Dichloroethane-d4
Concen: 51.663 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

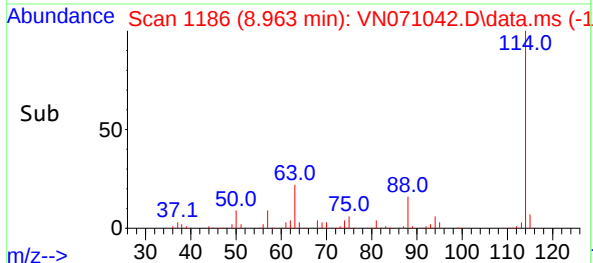
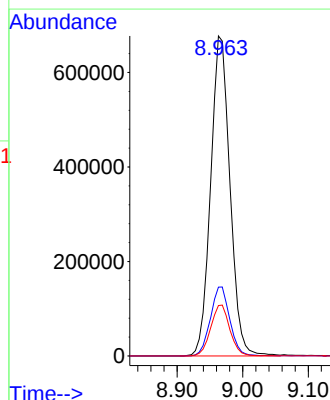
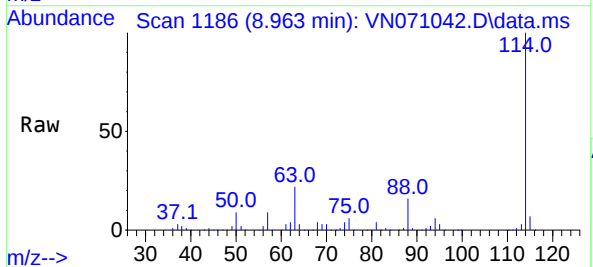
Instrument :
MSVOA_N
ClientSampleId :
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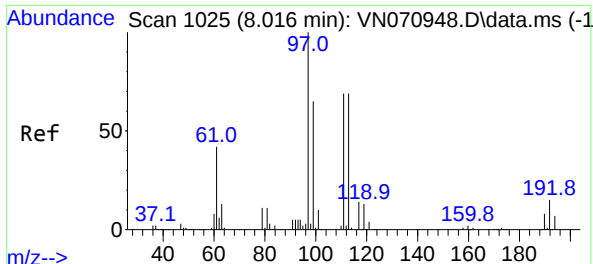
Tgt Ion: 65 Resp: 519615
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

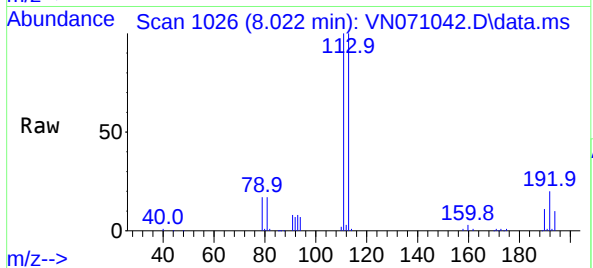
Tgt Ion: 114 Resp: 1386528
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.8 0.0 27.4



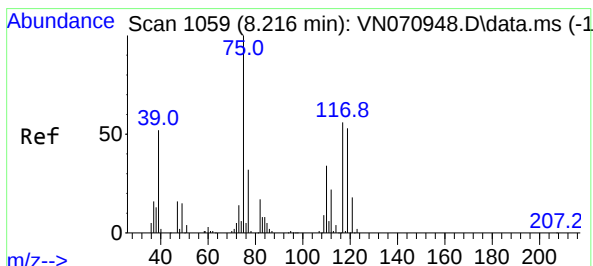
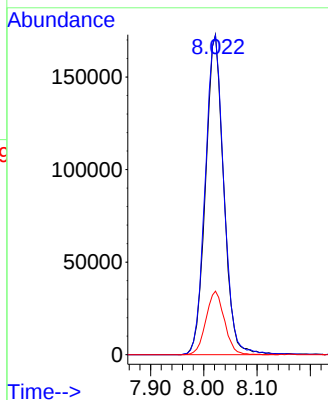
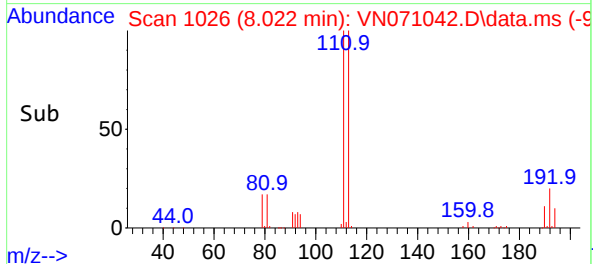


#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

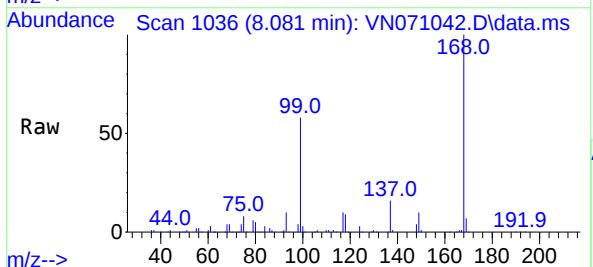
Instrument :
MSVOA_N
ClientSampleId :
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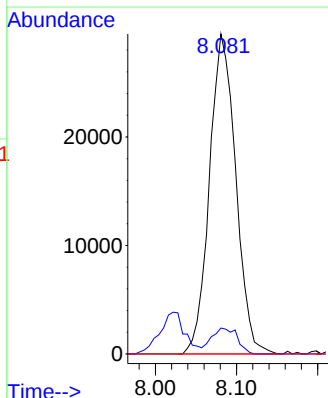
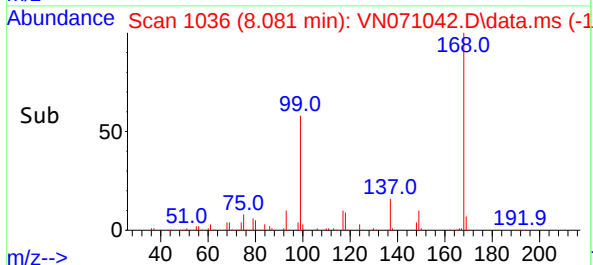
Tgt Ion:113 Resp: 408634
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.2 16.9 25.3

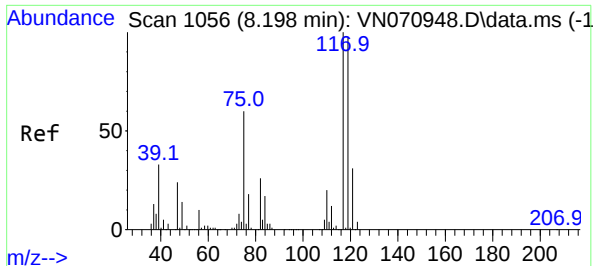


#36
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57



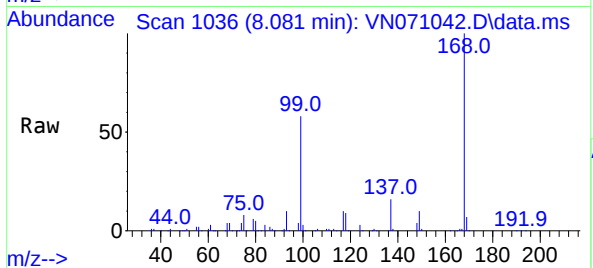
Tgt Ion: 75 Resp: 66382
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#



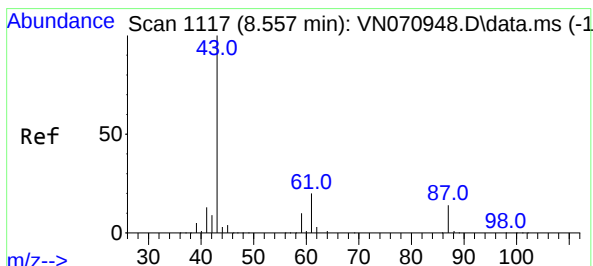
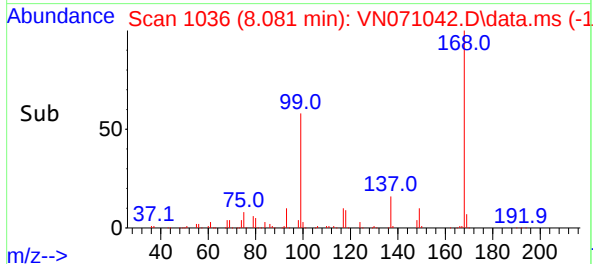
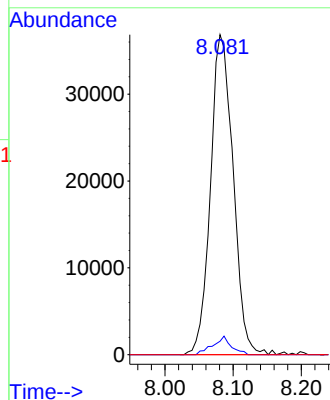


#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 8.081 min Scan# 1105
Delta R.T. -0.118 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
31457

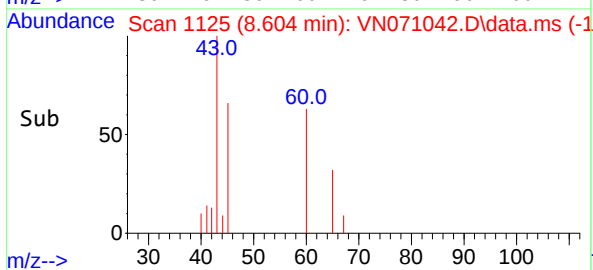
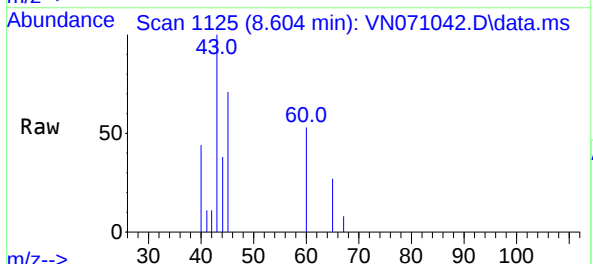


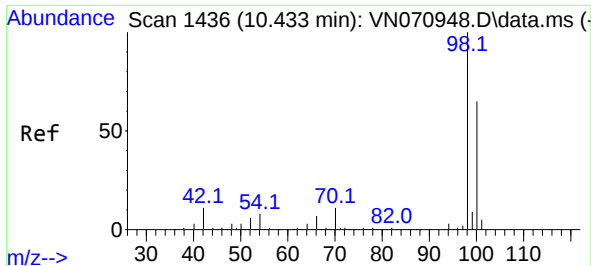
Tgt Ion:117 Resp: 85308
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.047 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 43 Resp: 5053
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

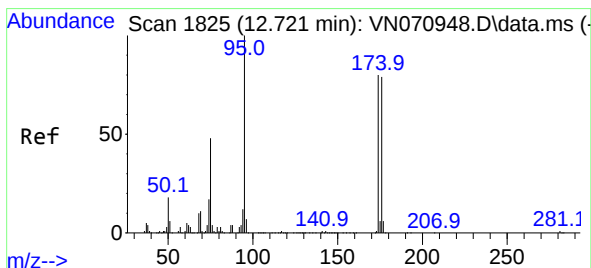
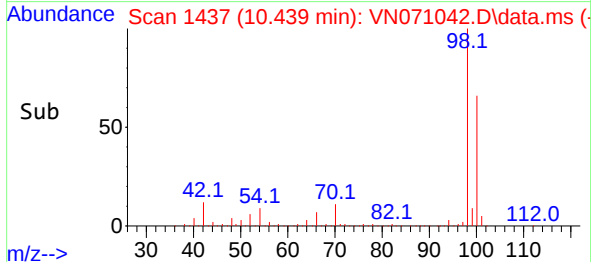
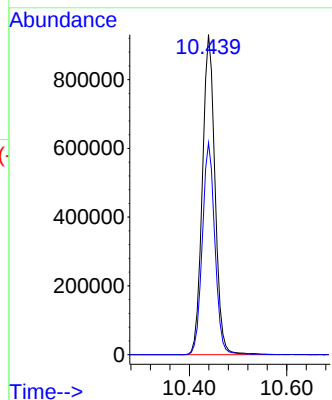
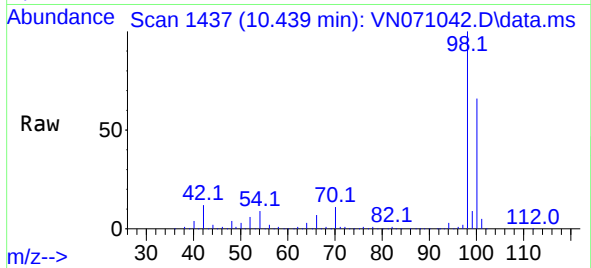




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

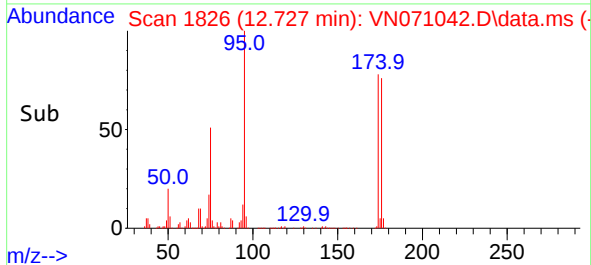
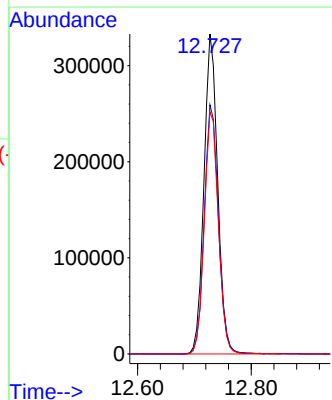
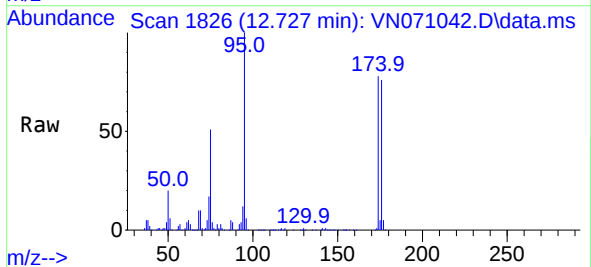
Instrument :
MSVOA_N
ClientSampleId :
31457

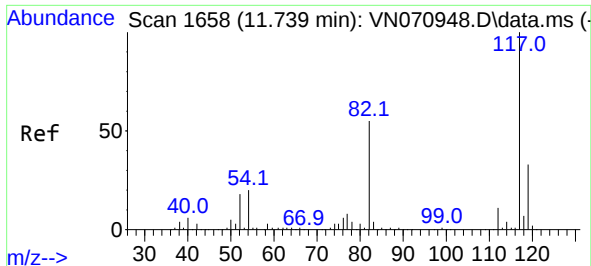
Tgt Ion: 98 Resp: 1679985
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.031 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 95 Resp: 556766
Ion Ratio Lower Upper
95 100
174 80.1 0.0 187.2
176 77.5 0.0 181.4

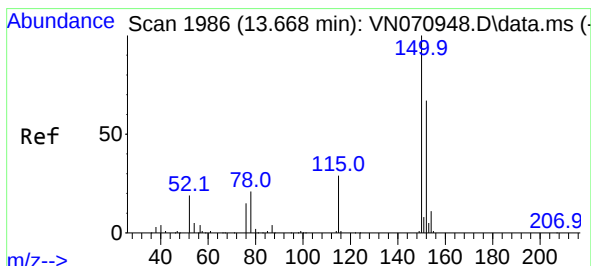
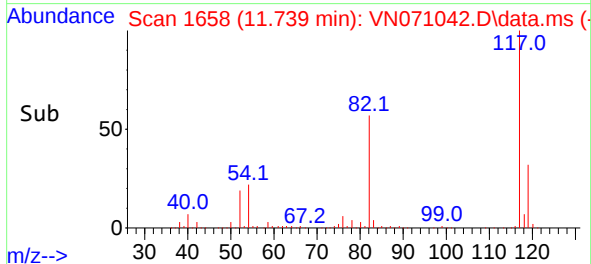
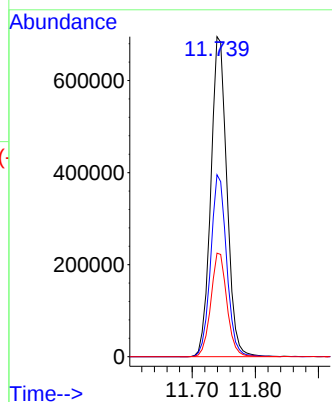
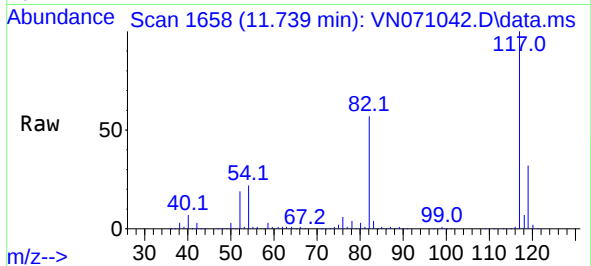




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

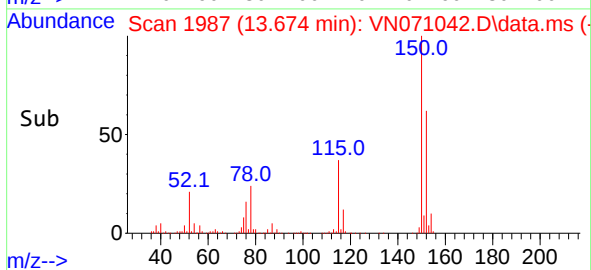
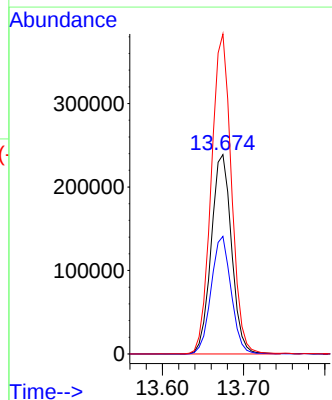
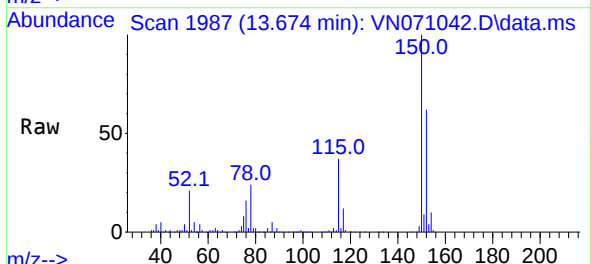
Instrument :
MSVOA_N
ClientSampleId :
31457

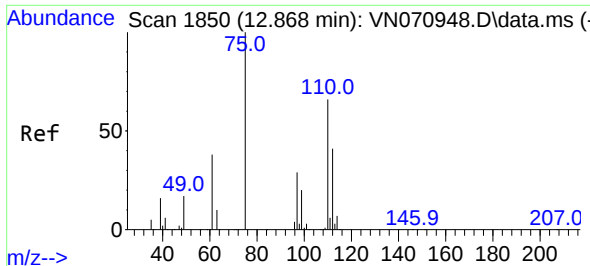
Tgt Ion:117 Resp: 1227641
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion:152 Resp: 415708
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 159.1 0.0 344.4

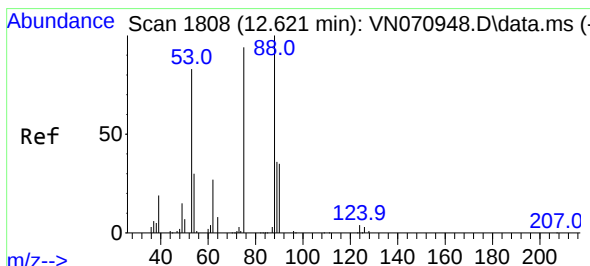
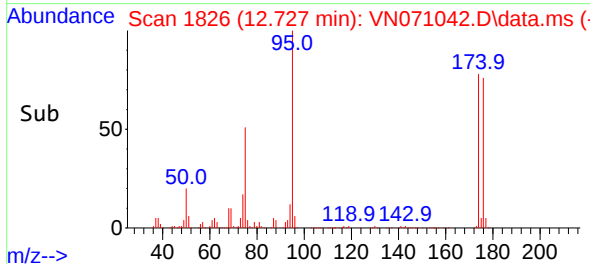
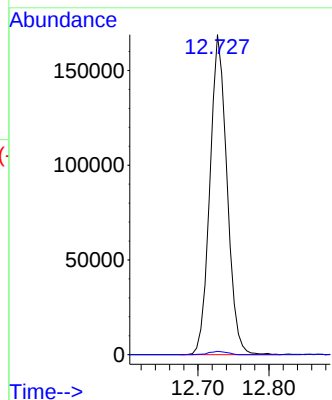
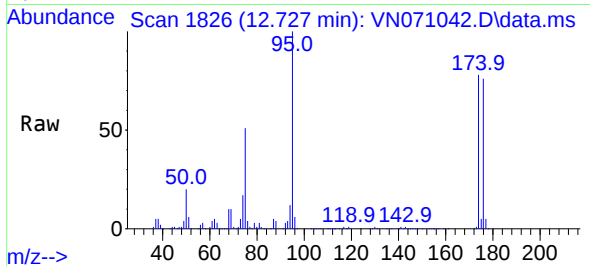




#76
1,2,3-Trichloropropane
Concen: 28.869 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

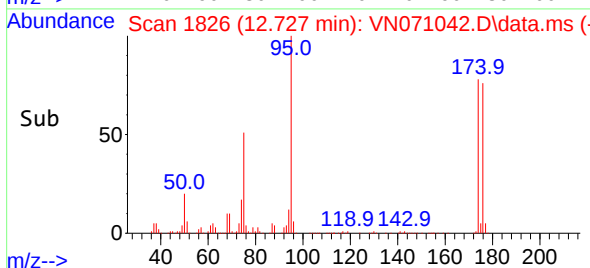
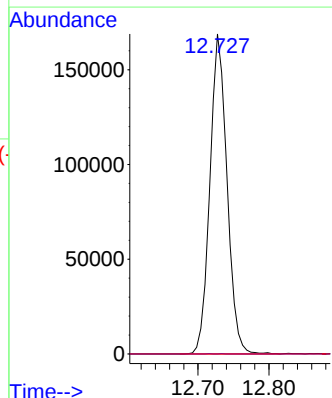
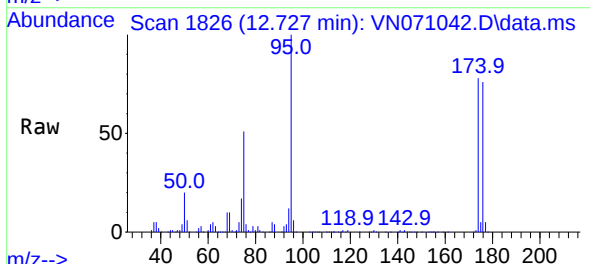
Instrument :
MSVOA_N
ClientSampleId :
31457

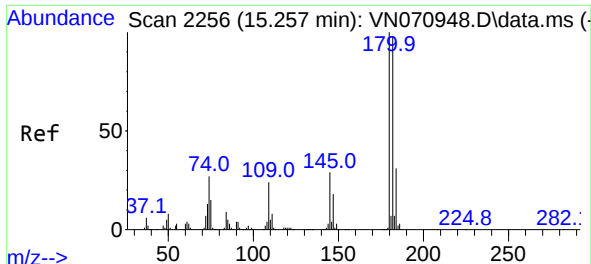
Tgt Ion: 75 Resp: 282567
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.549 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071042.D
Acq: 23 Feb 2022 18:57

Tgt Ion: 75 Resp: 282567
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.045 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071042.D

Acq: 23 Feb 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

31457

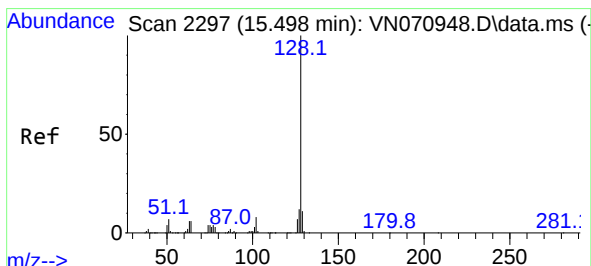
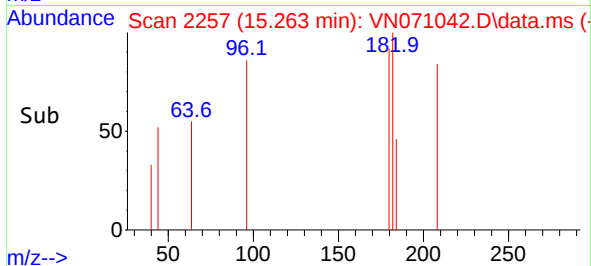
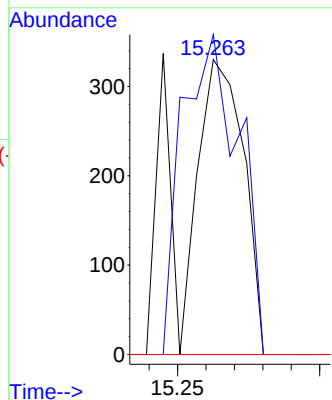
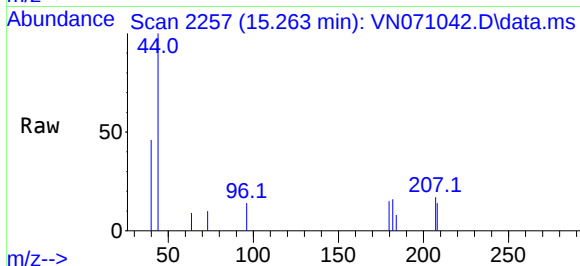
Tgt Ion:180 Resp: 369

Ion Ratio Lower Upper

180 100

182 135.8 48.3 144.9

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 5.101 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071042.D

Acq: 23 Feb 2022 18:57

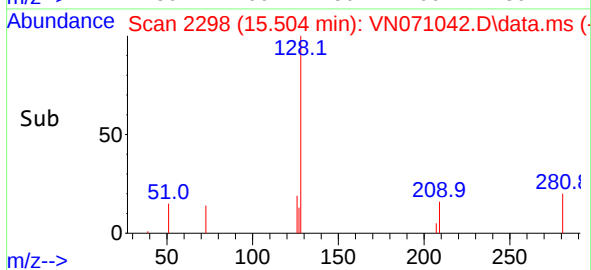
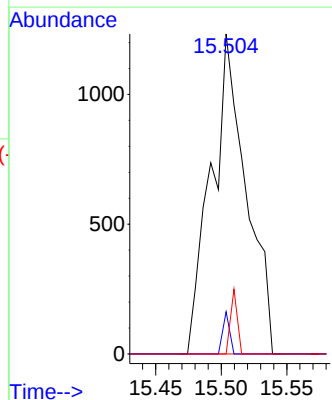
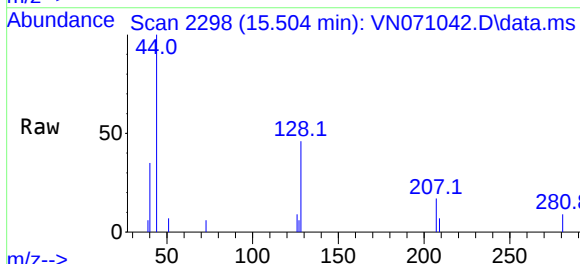
Tgt Ion:128 Resp: 2293

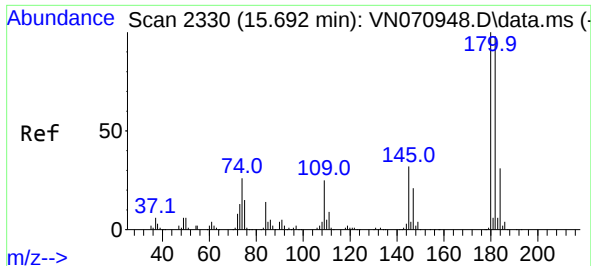
Ion Ratio Lower Upper

128 100

127 2.5 10.5 15.7#

129 3.8 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.561 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN071042.D

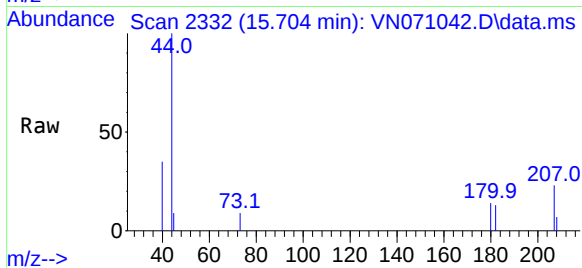
Acq: 23 Feb 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

31457



Tgt Ion:180 Resp: 332

Ion Ratio Lower Upper

180 100

182 188.0 47.4 142.2#

145 0.0 15.0 45.1#

