

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071162.D
 Acq On : 04 Mar 2022 11:29
 Operator : JC\MD
 Sample : VN0304WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 22:15:07 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)

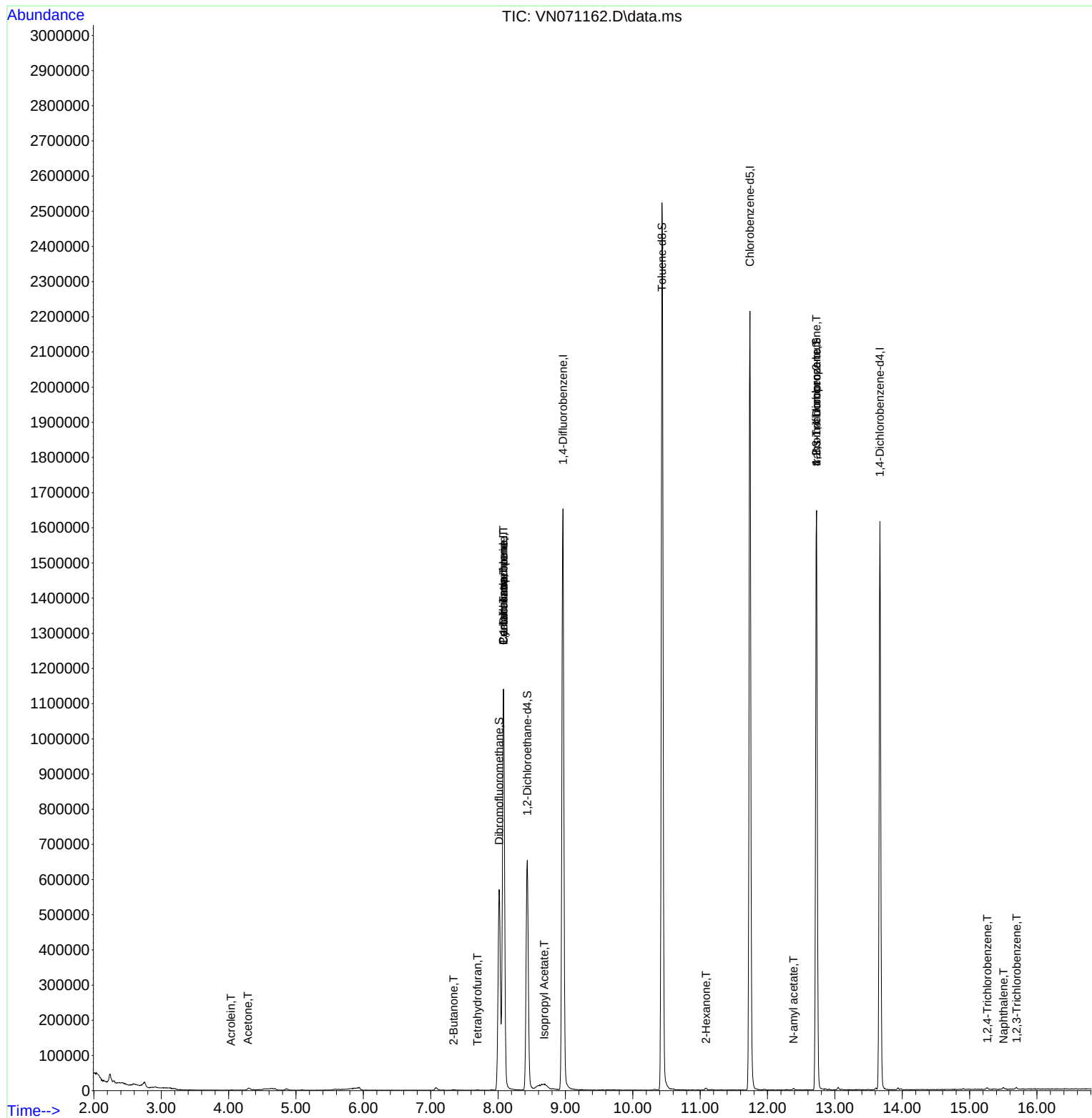
Internal Standards						
1) Pentafluorobenzene	8.081	168	892368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1447958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1288936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	441212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	546077	53.570	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.140%		
35) Dibromofluoromethane	8.016	113	430558	49.992	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.980%		
50) Toluene-d8	10.433	98	1757411	50.811	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.620%		
62) 4-Bromofluorobenzene	12.727	95	589172	47.657	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 95.320%		
Target Compounds						
					Qvalue	
13) Acrolein	4.034	56	571	0.344	ug/l	96
16) Acetone	4.287	43	2198	0.392	ug/l #	81
25) 2-Butanone	7.340	43	3252	0.435	ug/l #	79
29) Tetrahydrofuran	7.692	42	1033	0.214	ug/l #	42
31) Cyclohexane	8.081	56	19141	1.086	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	68488	4.854	ug/l #	49
38) Carbon Tetrachloride	8.081	117	85023	6.116	ug/l #	16
43) Isopropyl Acetate	8.687	43	56470	2.367	ug/l #	55
59) 2-Hexanone	11.086	43	4804	0.481	ug/l	99
74) N-amyl acetate	12.386	43	3110	0.274	ug/l #	83
76) 1,2,3-Trichloropropane	12.727	75	302299	29.100	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	302299	94.296	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	1808	2.213	ug/l	96
95) Naphthalene	15.504	128	5251	5.229	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	1859	2.752	ug/l	95

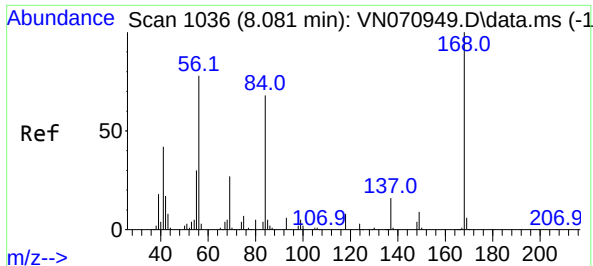
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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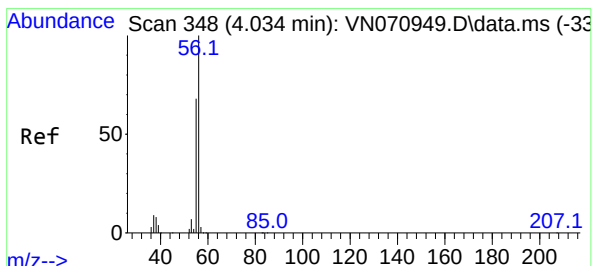
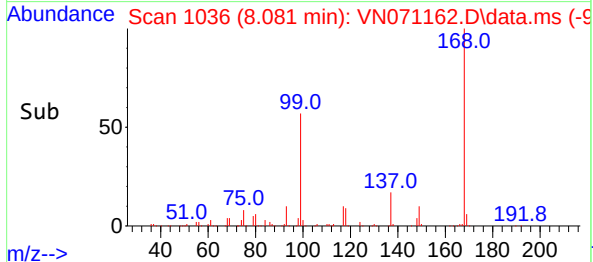
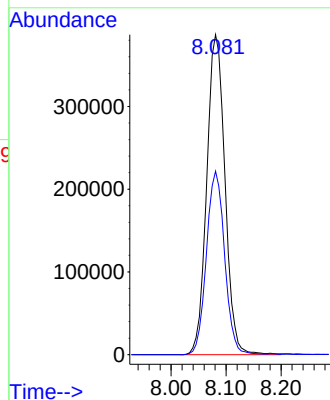
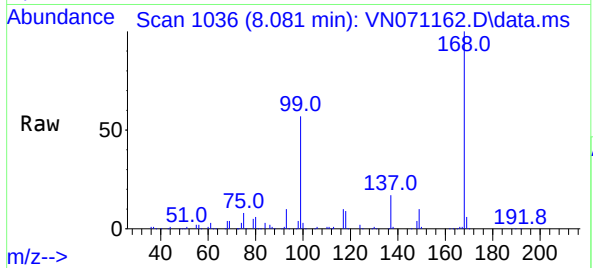




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

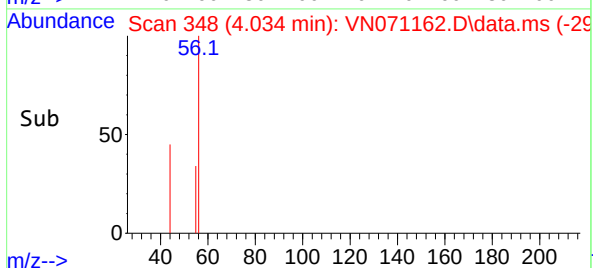
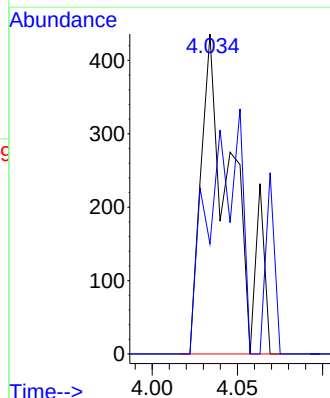
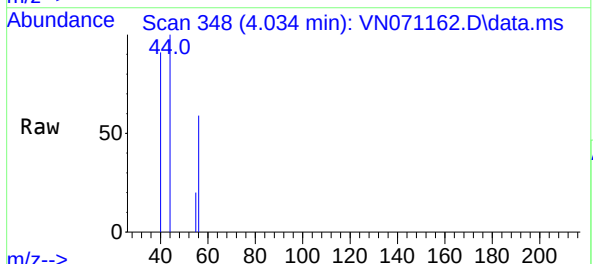
Instrument :
MSVOA_N
ClientSampleId :

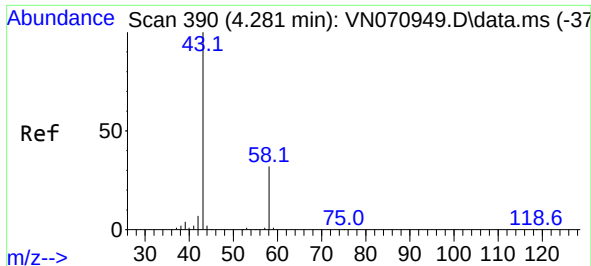
Tgt Ion:168 Resp: 892368
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#13
Acrolein
Concen: 0.344 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Tgt Ion: 56 Resp: 571
Ion Ratio Lower Upper
56 100
55 73.7 56.6 85.0

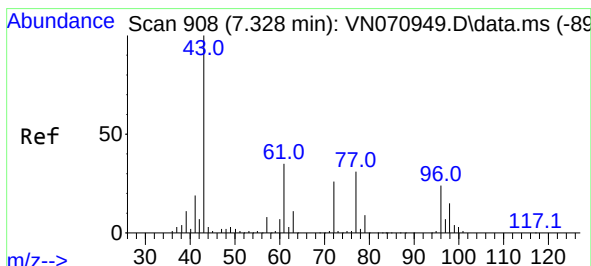
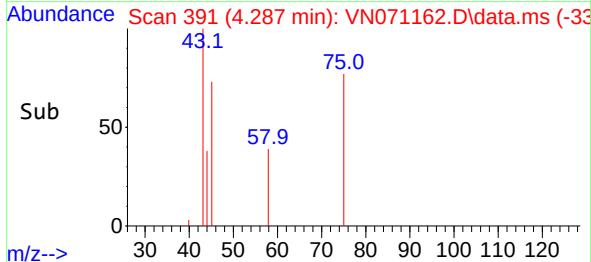
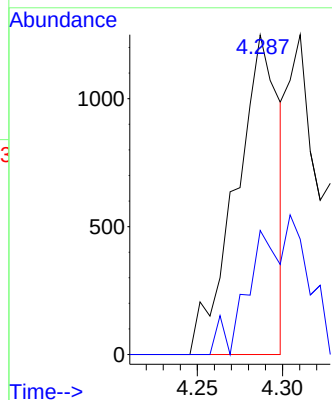
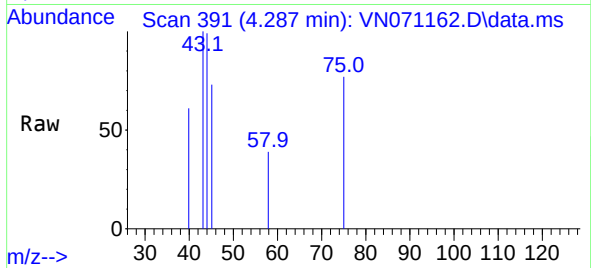




#16
Acetone
Concen: 0.392 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

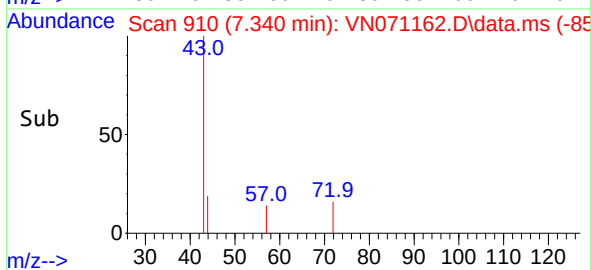
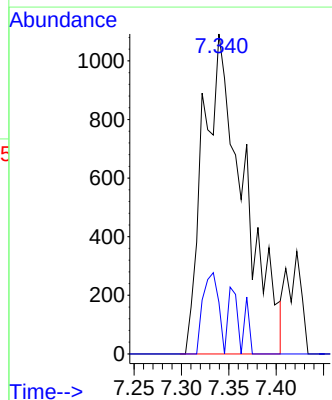
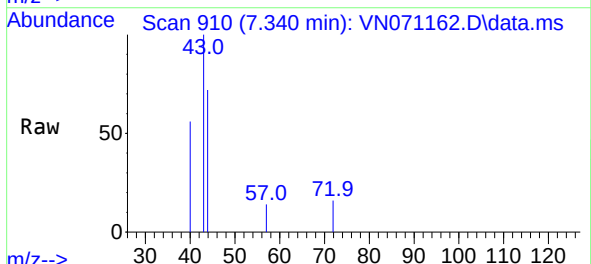
Instrument :
MSVOA_N
ClientSampleId :

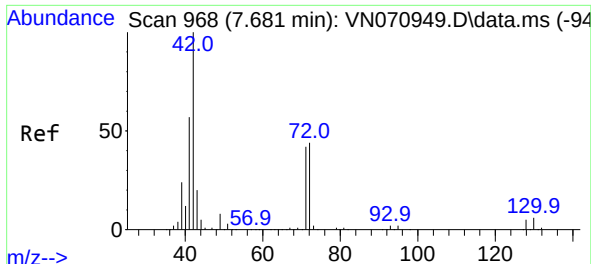
Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
58 38.8 23.1 34.7#



#25
2-Butanone
Concen: 0.435 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Tgt Ion: 43 Resp: 3252
Ion Ratio Lower Upper
43 100
72 16.1 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071162.D

Acq: 04 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

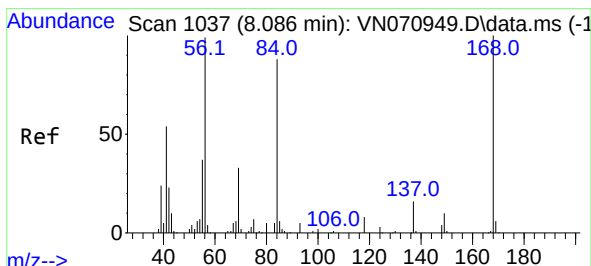
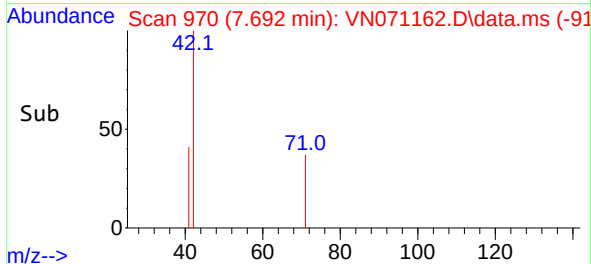
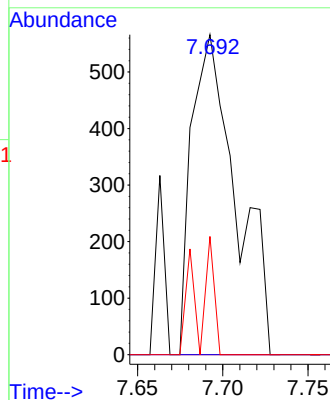
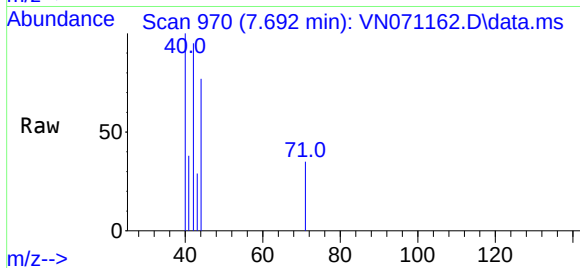
Tgt Ion: 42 Resp: 1033

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 13.6 34.7 52.1#



#31

Cyclohexane

Concen: 1.086 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN071162.D

Acq: 04 Mar 2022 11:29

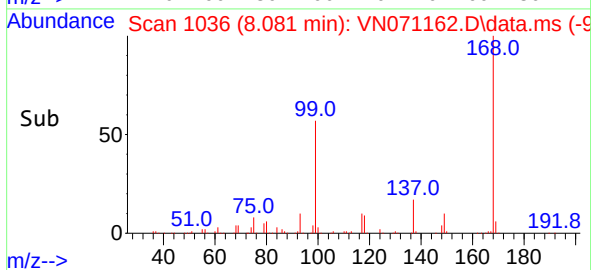
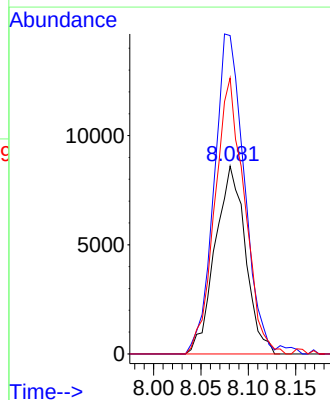
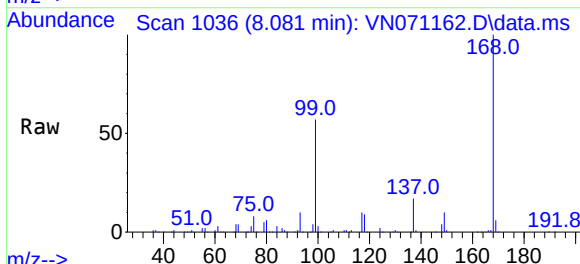
Tgt Ion: 56 Resp: 19141

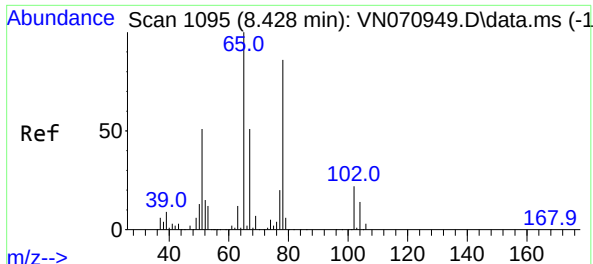
Ion Ratio Lower Upper

56 100

69 169.5 27.1 40.7#

84 146.9 73.4 110.0#

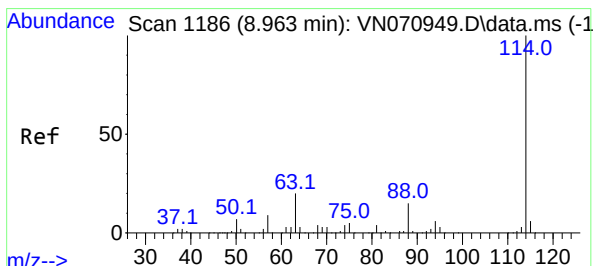
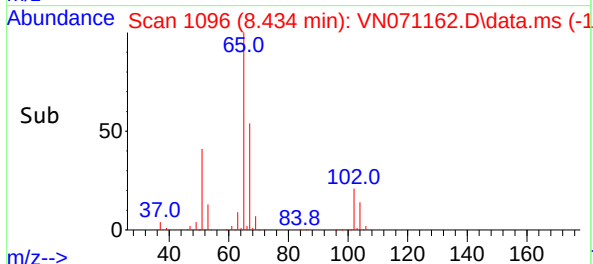
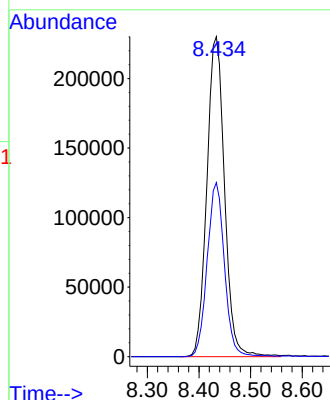
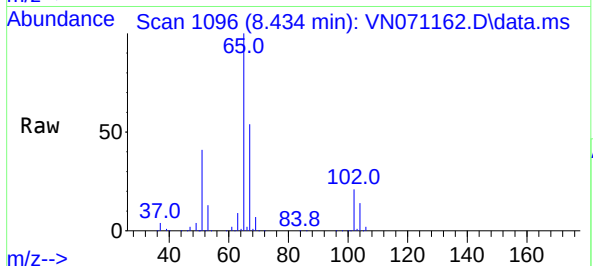




#33
1,2-Dichloroethane-d4
Concen: 53.570 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

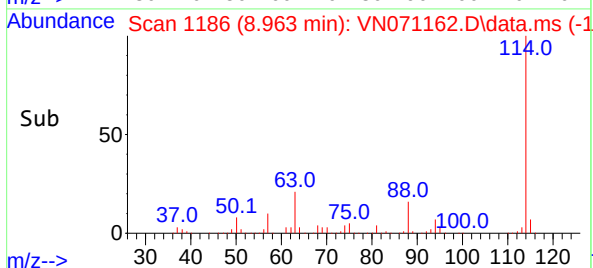
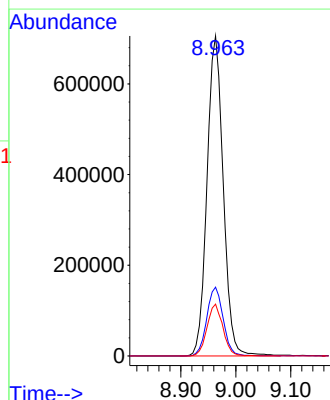
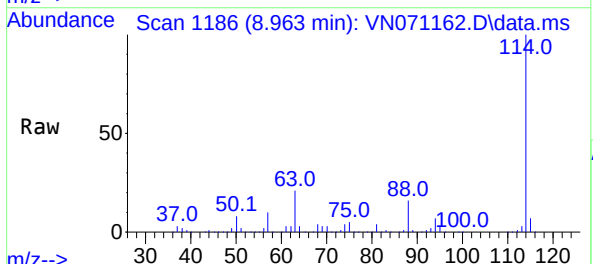
Instrument :
MSVOA_N
ClientSampleId :

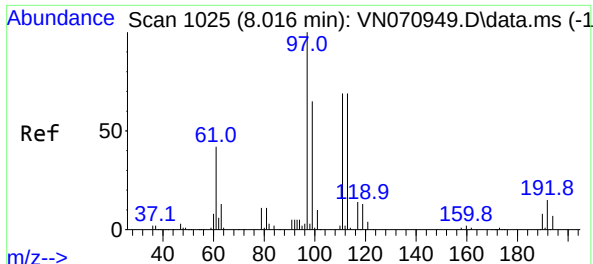
Tgt Ion: 65 Resp: 546077
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

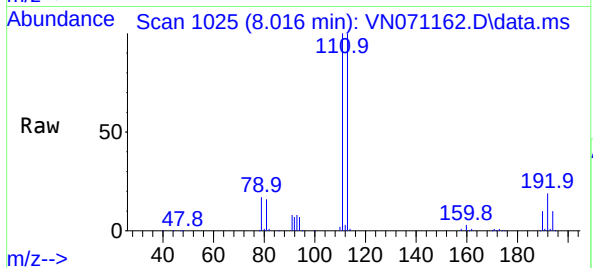
Tgt Ion:114 Resp: 1447958
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 16.2 0.0 27.4



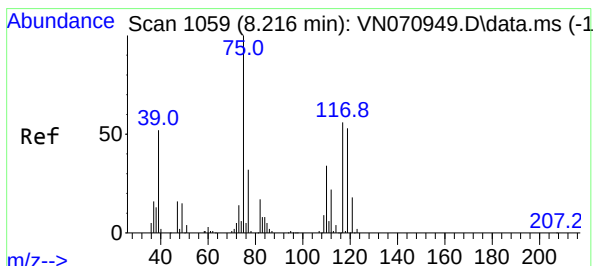
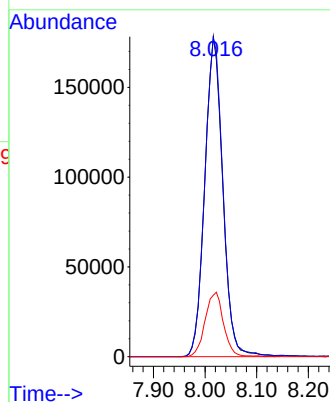
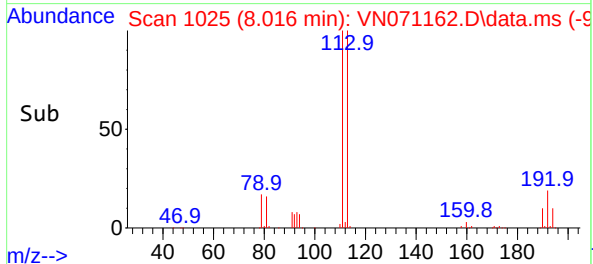


#35
Dibromofluoromethane
Concen: 49.992 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

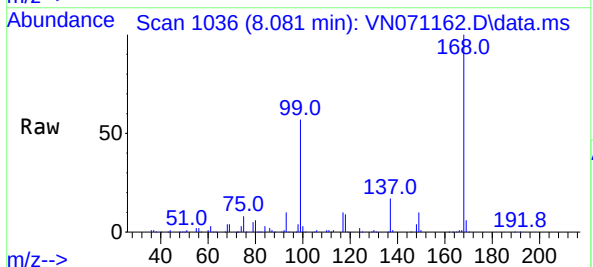
Instrument :
MSVOA_N
ClientSampleId :



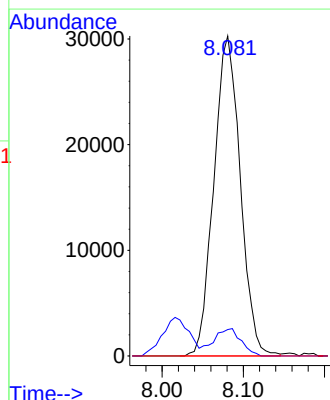
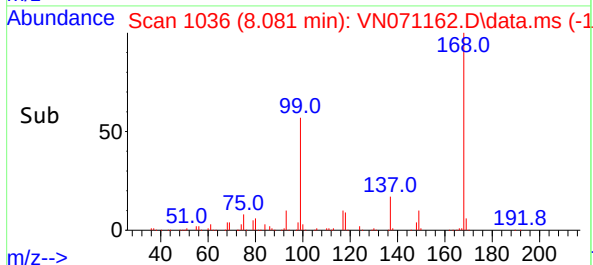
Tgt Ion:113 Resp: 430558
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 20.5 16.9 25.3

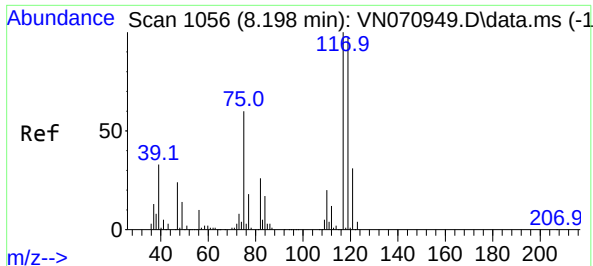


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29



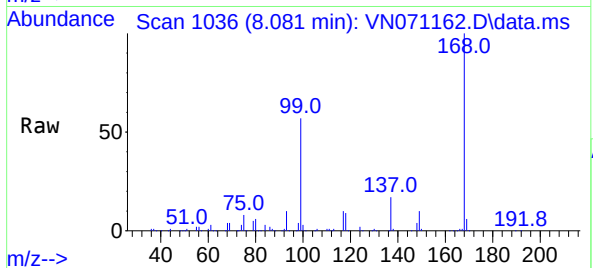
Tgt Ion: 75 Resp: 68488
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



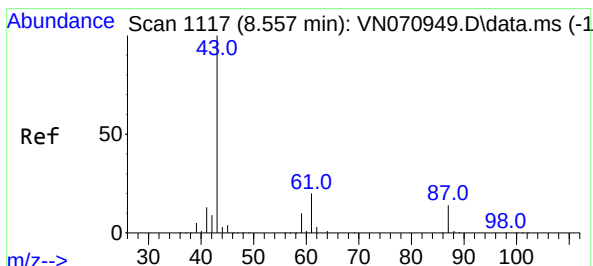
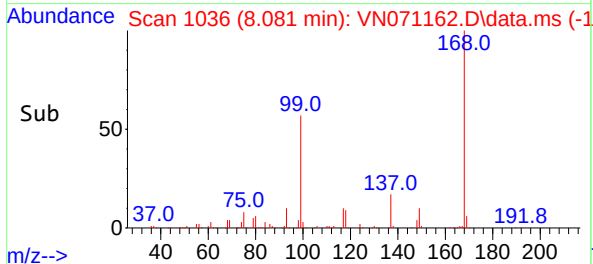
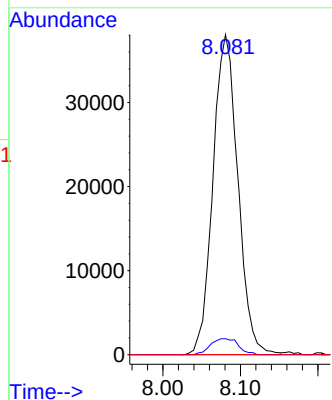


#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Instrument :
MSVOA_N
ClientSampleId :

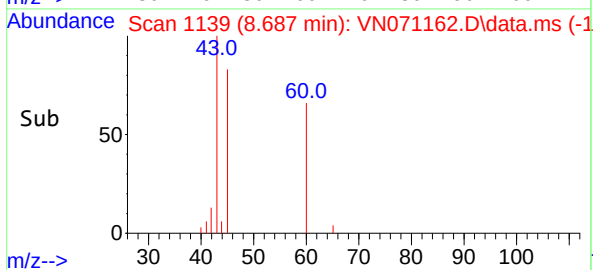
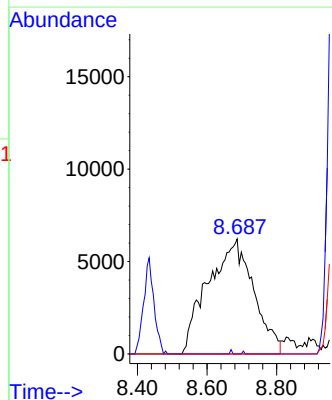
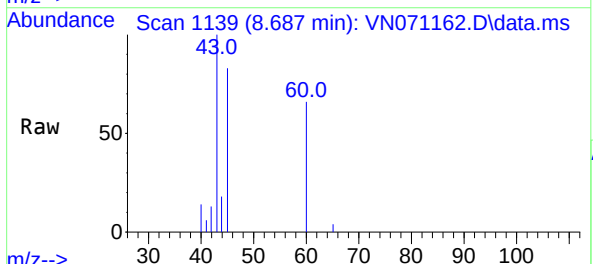


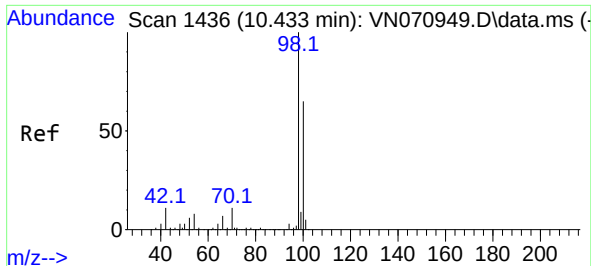
Tgt Ion:117 Resp: 85023
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.367 ug/l
RT: 8.687 min Scan# 1139
Delta R.T. 0.130 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Tgt Ion: 43 Resp: 56470
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

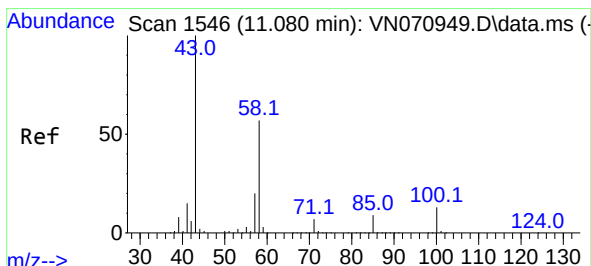
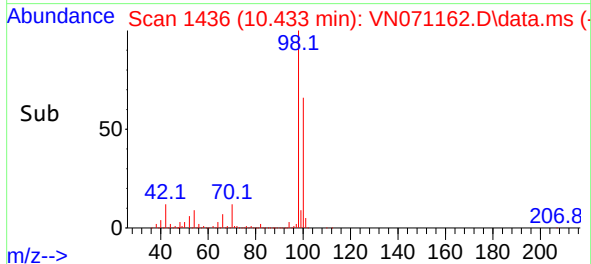
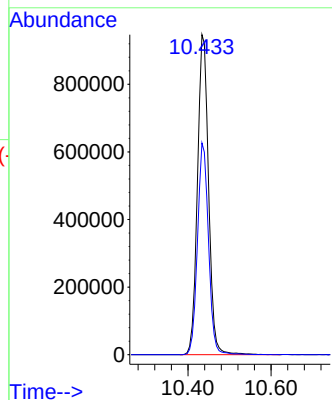
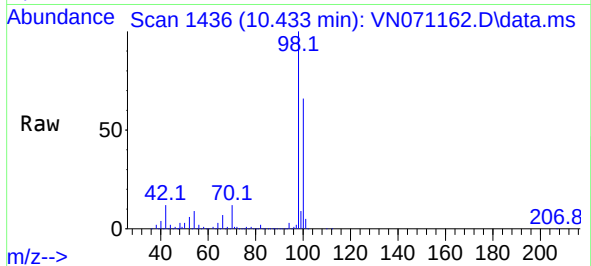




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

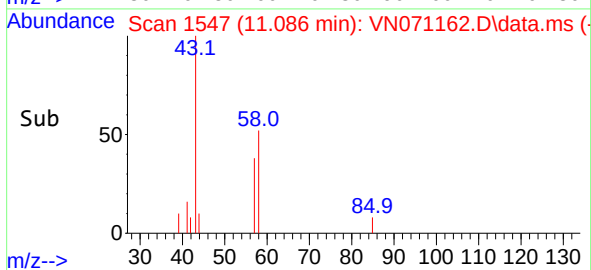
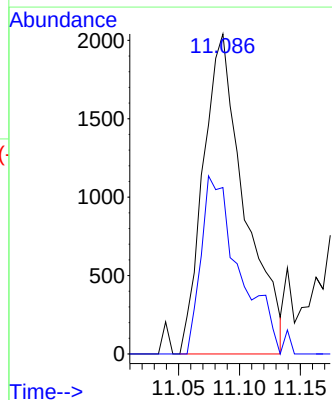
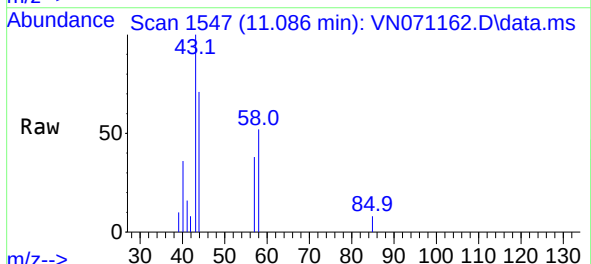
Instrument :
MSVOA_N
ClientSampleId :

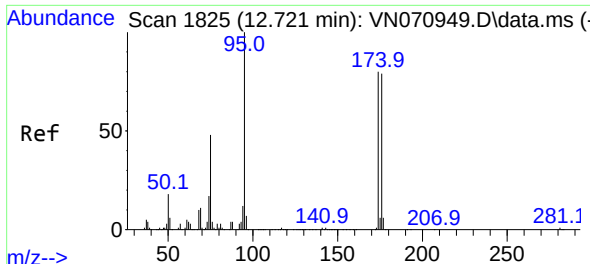
Tgt Ion: 98 Resp: 1757411
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#59
2-Hexanone
Concen: 0.481 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Tgt Ion: 43 Resp: 4804
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7

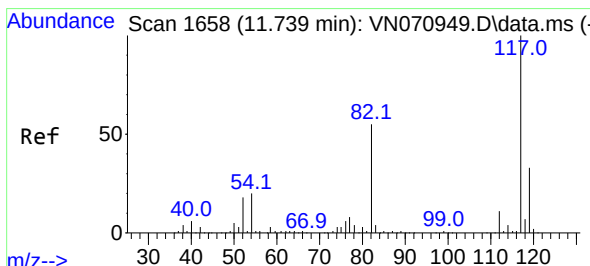
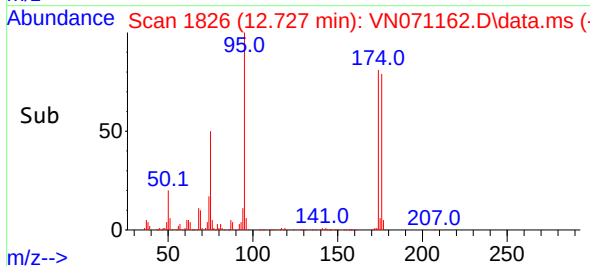
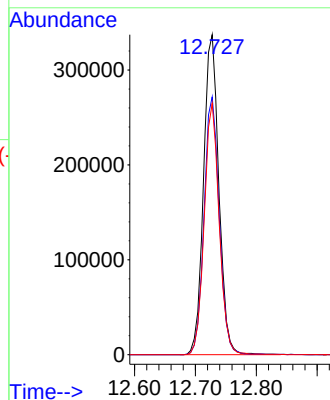
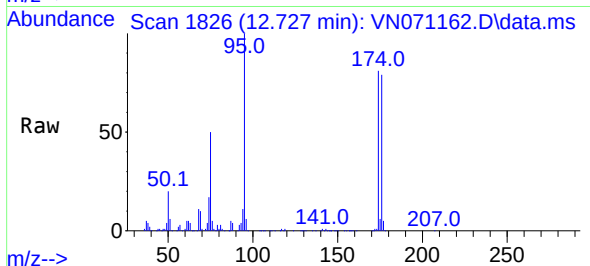




#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

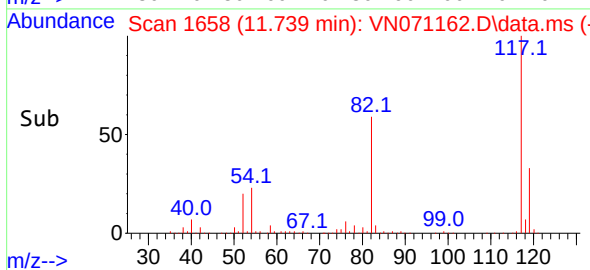
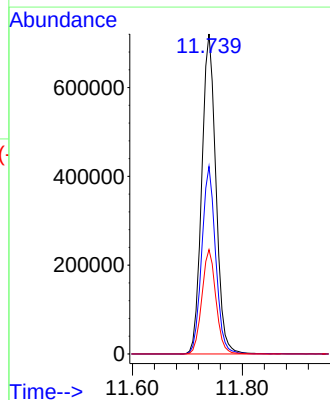
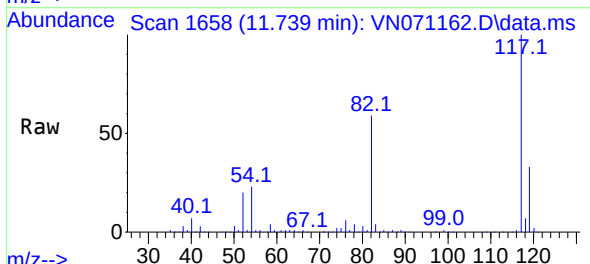
Instrument :
MSVOA_N
ClientSampleId :

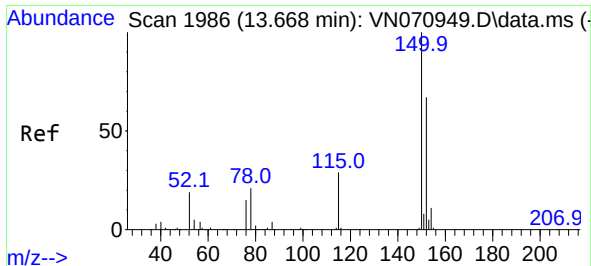
Tgt Ion: 95 Resp: 589172
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 76.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

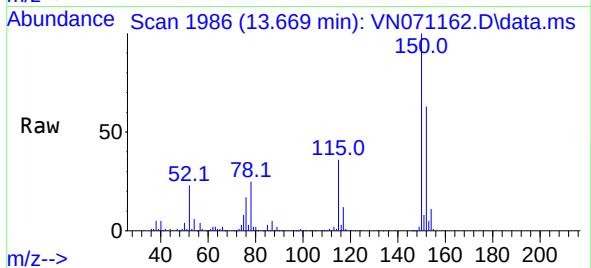
Tgt Ion: 117 Resp: 1288936
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.6 25.4 38.2



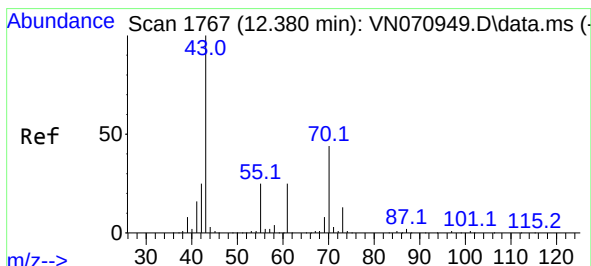
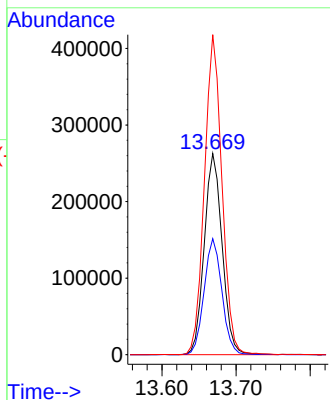
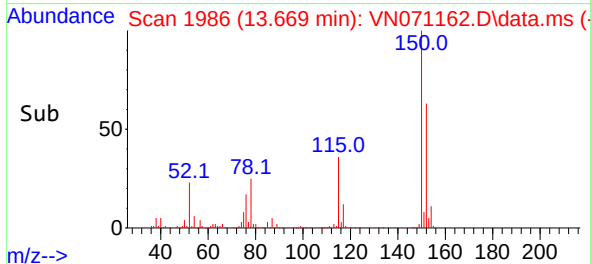


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

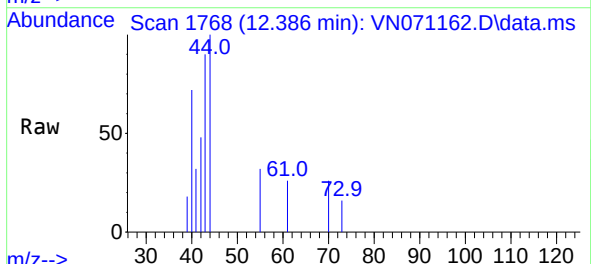
Instrument :
MSVOA_N
ClientSampleId :



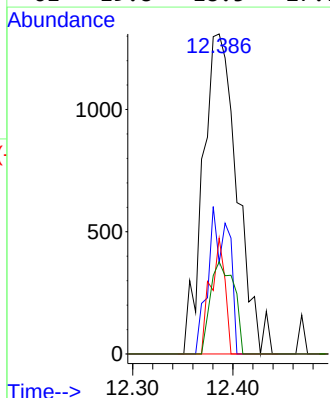
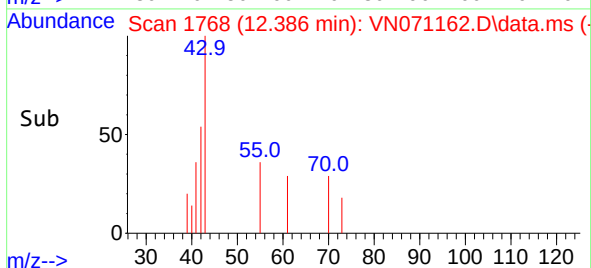
Tgt Ion:152 Resp: 441212
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 155.3 0.0 344.4

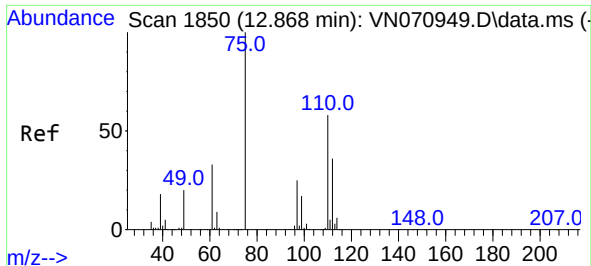


#74
N-ethyl acetate
Concen: 0.274 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29



Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
70 27.5 33.4 50.0#
55 15.1 19.3 28.9#
61 19.8 18.5 27.7

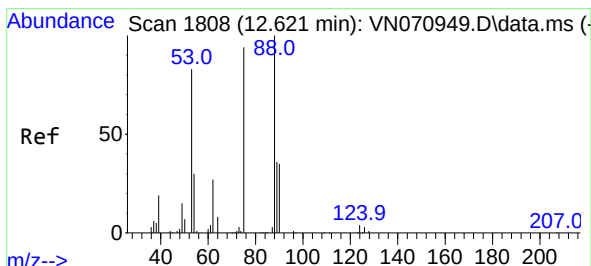
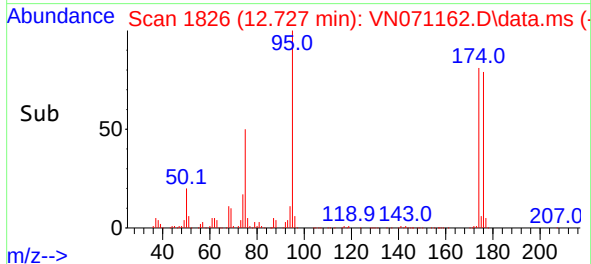
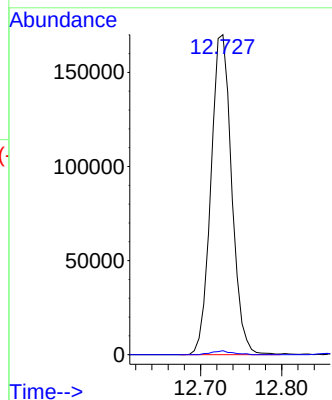
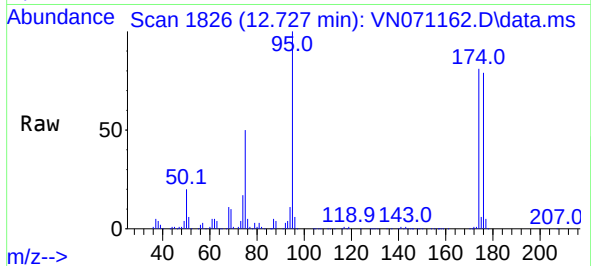




#76
1,2,3-Trichloropropane
Concen: 29.100 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

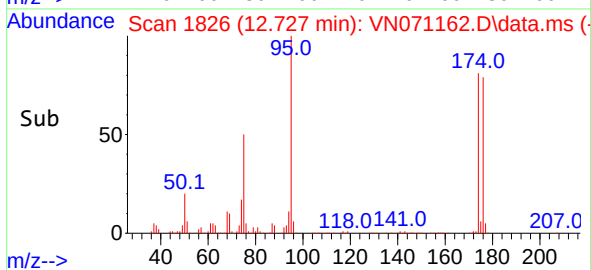
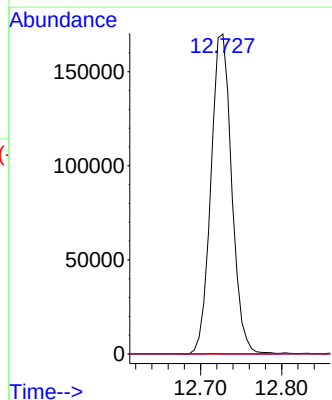
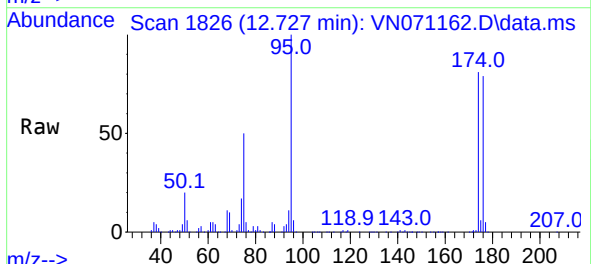
Instrument :
MSVOA_N
ClientSampleId :

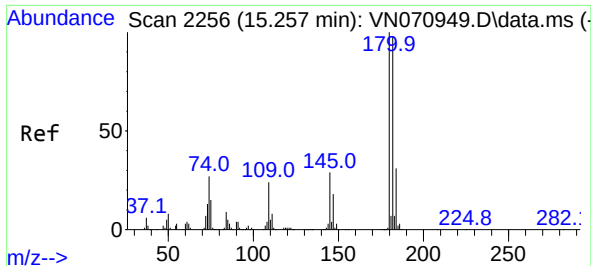
Tgt Ion: 75 Resp: 302299
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.296 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071162.D
Acq: 04 Mar 2022 11:29

Tgt Ion: 75 Resp: 302299
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: 2.213 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071162.D

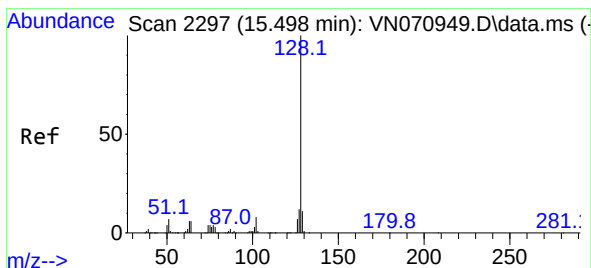
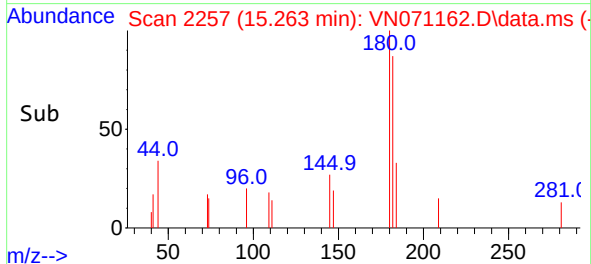
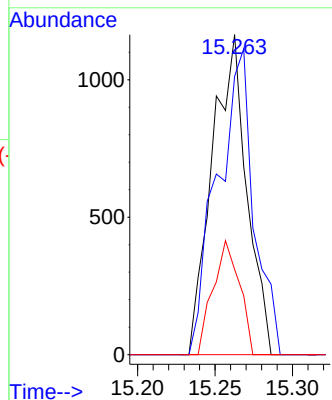
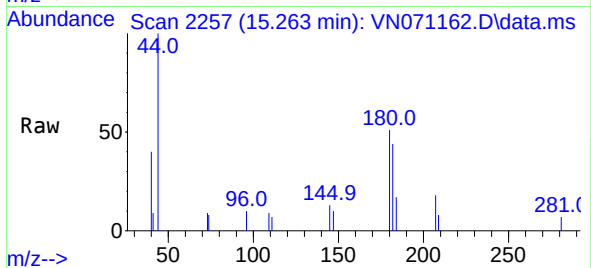
Acq: 04 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180	Resp:	1808
Ion Ratio	Lower	Upper
180	100	
182	100.6	48.3 144.9
145	27.2	14.5 43.5



#95

Naphthalene

Concen: 5.229 ug/l

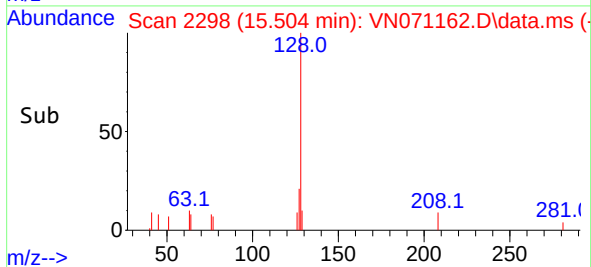
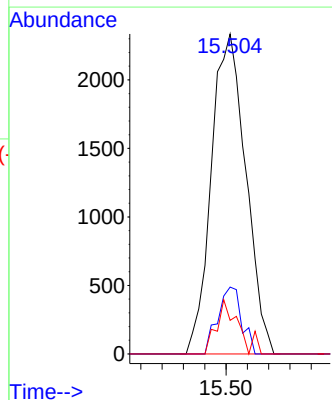
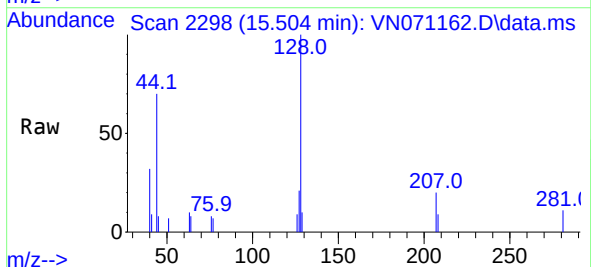
RT: 15.504 min Scan# 2298

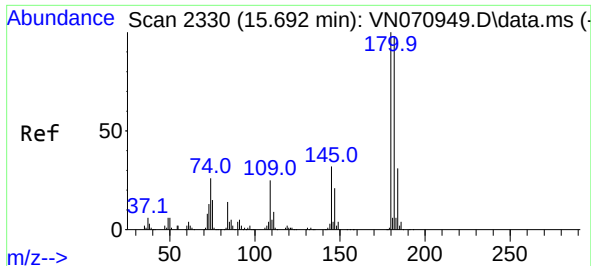
Delta R.T. 0.006 min

Lab File: VN071162.D

Acq: 04 Mar 2022 11:29

Tgt Ion:128	Resp:	5251
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.5 15.7
129	10.7	8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.752 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

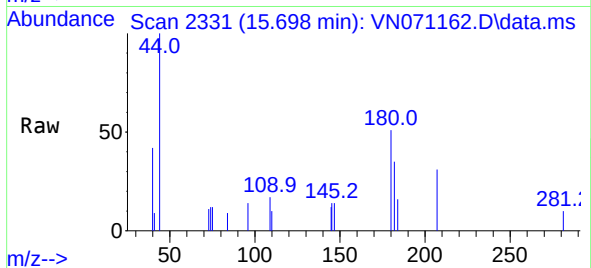
Lab File: VN071162.D

Acq: 04 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1859

Ion Ratio Lower Upper

180 100

182 97.5 47.4 142.2

145 36.5 15.0 45.1

