

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076186.D
 Acq On : 10 Jan 2023 16:48
 Operator : JC\MD
 Sample : 01061-06
 Misc : 1.14gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:07:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

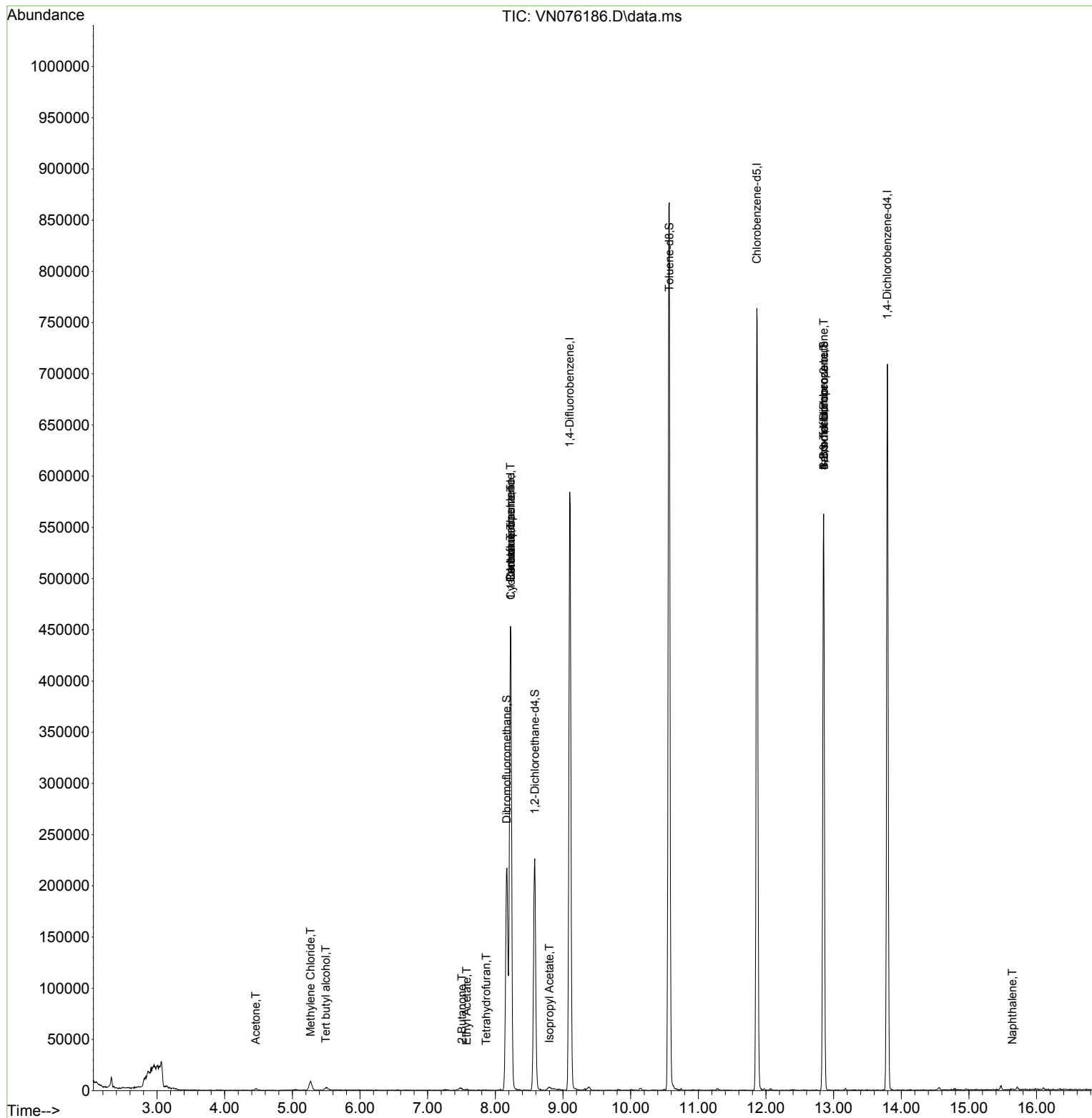
Internal Standards						
1) Pentafluorobenzene	8.224	168	357837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	550768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	467085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182318	46.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.660%		
35) Dibromofluoromethane	8.171	113	159097	46.645	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	10.571	98	638301	50.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.100%		
62) 4-Bromofluorobenzene	12.853	95	190113	45.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.020%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.494	59	1330	2.414	ug/l #	72
16) Acetone	4.459	43	3081	2.296	ug/l	94
20) Methylene Chloride	5.271	84	7209	1.385	ug/l	94
25) 2-Butanone	7.506	43	1381	0.735	ug/l #	84
29) Tetrahydrofuran	7.865	42	327	0.278	ug/l #	25
31) Cyclohexane	8.229	56	6474	1.161	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	25637	5.658	ug/l #	49
37) Ethyl Acetate	7.577	43	1939	0.533	ug/l #	70
38) Carbon Tetrachloride	8.224	117	35222	6.946	ug/l #	17
43) Isopropyl Acetate	8.800	43	2861	0.477	ug/l #	50
71) Bromoform	12.853	173	1492	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98894	25.062	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98894	90.212	ug/l #	12
95) Naphthalene	15.641	128	1050	2.272	ug/l #	77

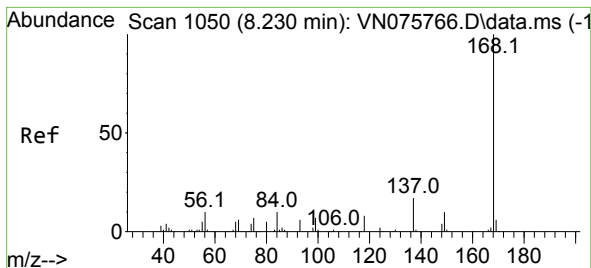
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 1.14gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
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Instrument :
MSVOA_N
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Quant Time: Jan 11 01:07:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

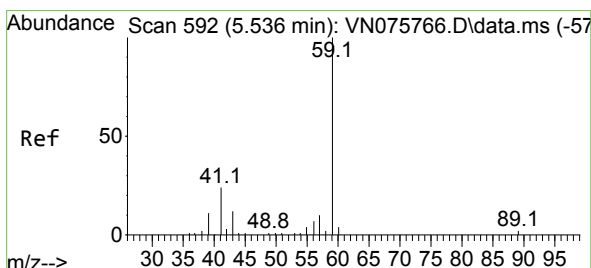
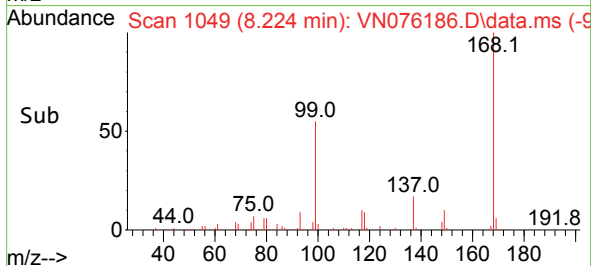
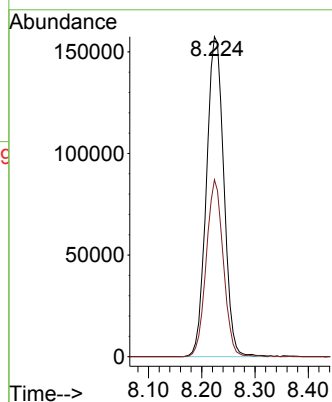
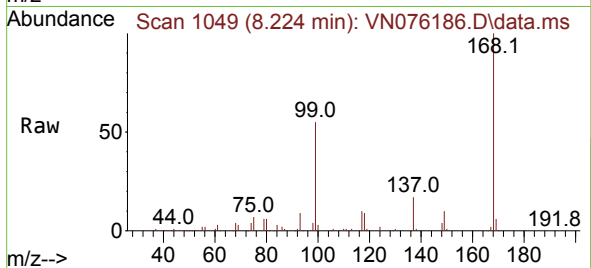




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

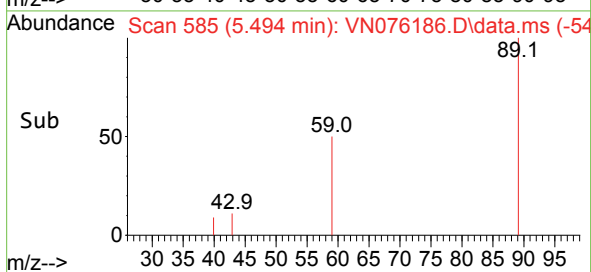
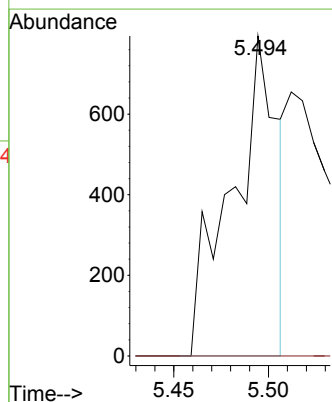
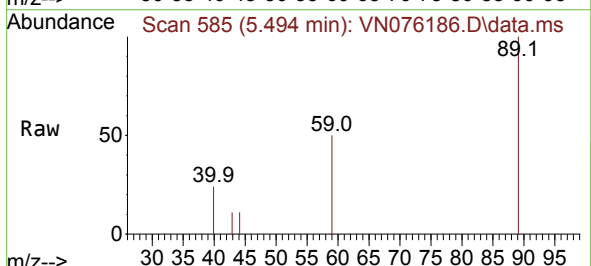
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MSVOA_N
ClientSampleId :

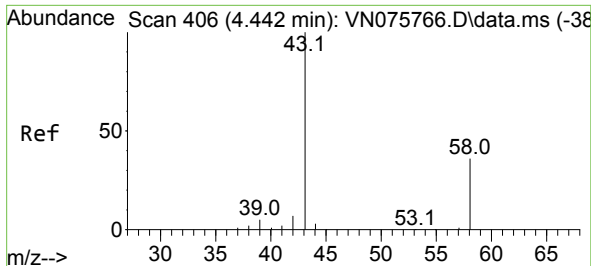
Tgt Ion:168 Resp: 357837
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.414 ug/l
RT: 5.494 min Scan# 585
Delta R.T. -0.041 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 59 Resp: 1330
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

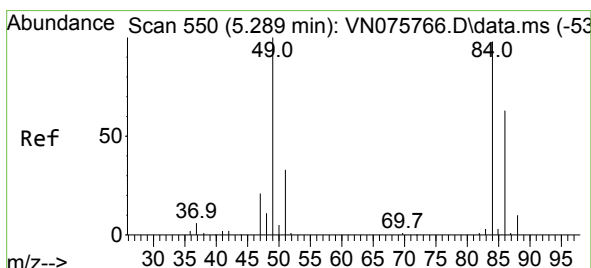
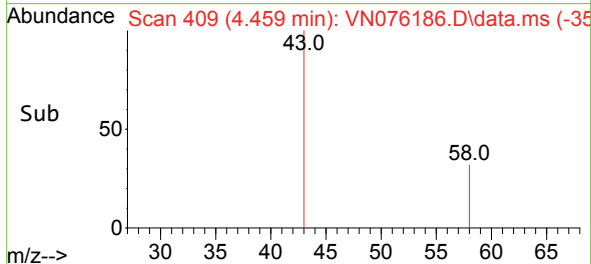
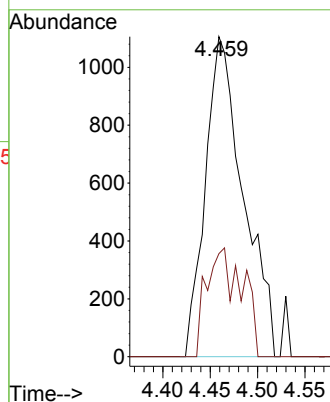
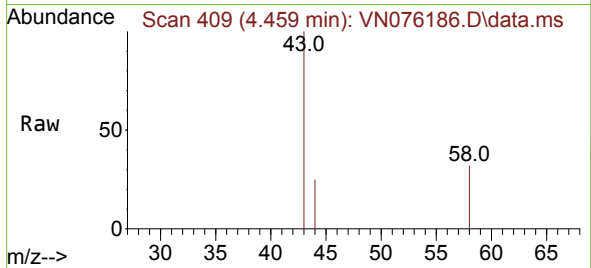




#16
Acetone
Concen: 2.296 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

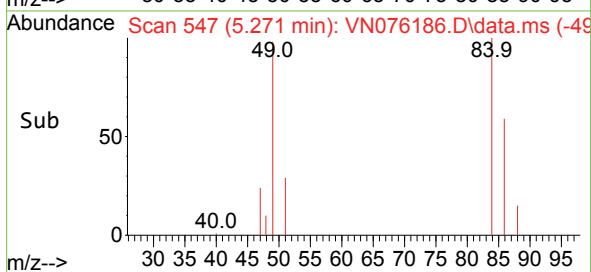
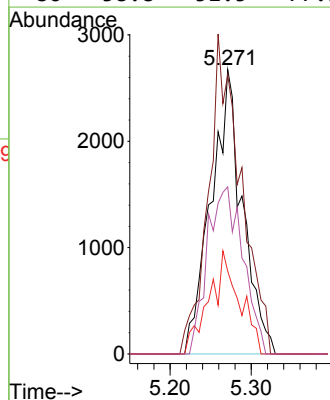
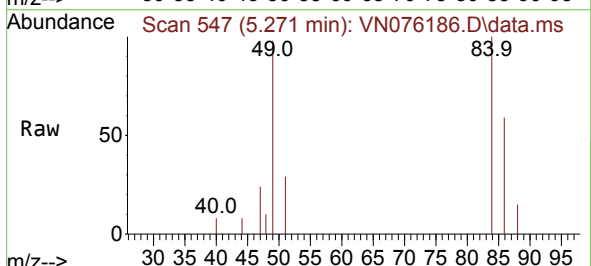
Instrument :
MSVOA_N
ClientSampleId :

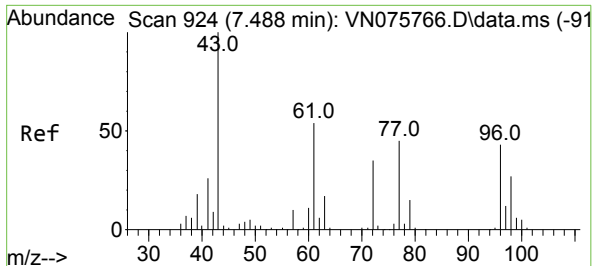
Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
58 32.2 28.6 43.0



#20
Methylene Chloride
Concen: 1.385 ug/l
RT: 5.271 min Scan# 547
Delta R.T. -0.018 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 84 Resp: 7209
Ion Ratio Lower Upper
84 100
49 98.1 81.8 122.6
51 29.2 26.7 40.1
86 58.8 51.5 77.3

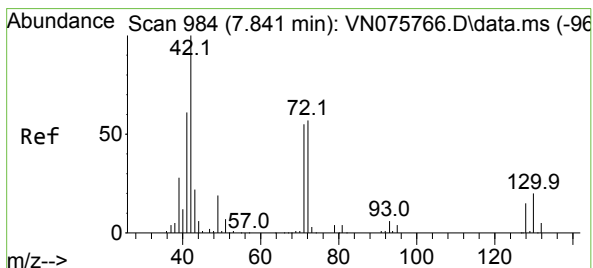
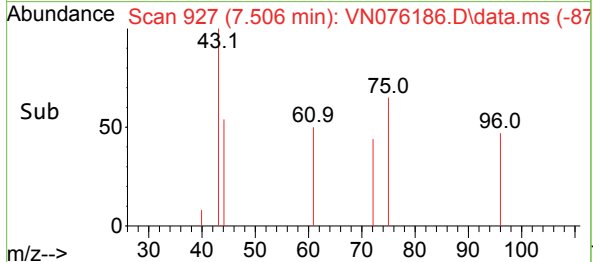
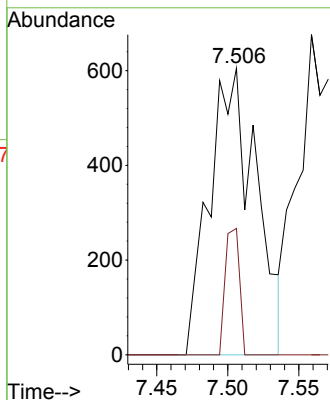
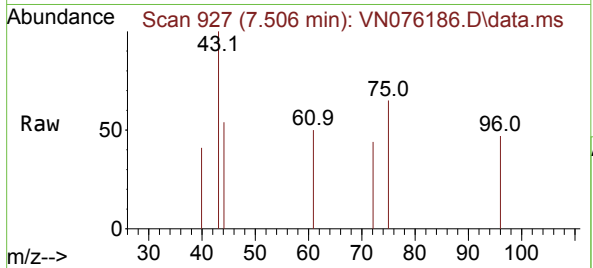




#25
2-Butanone
Concen: 0.735 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

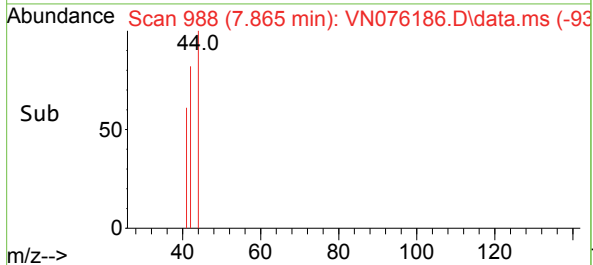
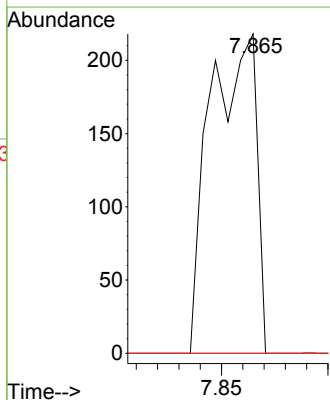
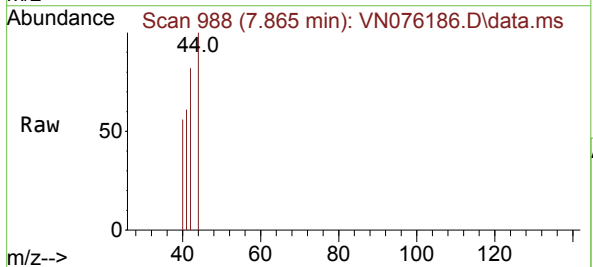
Instrument :
MSVOA_N
ClientSampleId :

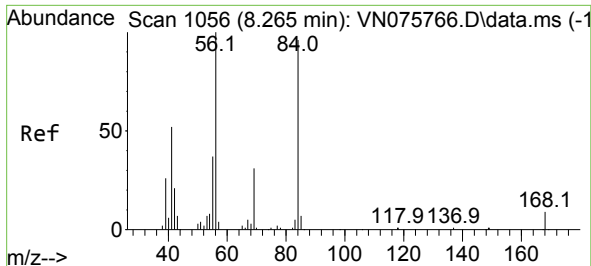
Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
72 44.1 28.0 42.0#



#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 7.865 min Scan# 988
Delta R.T. 0.023 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

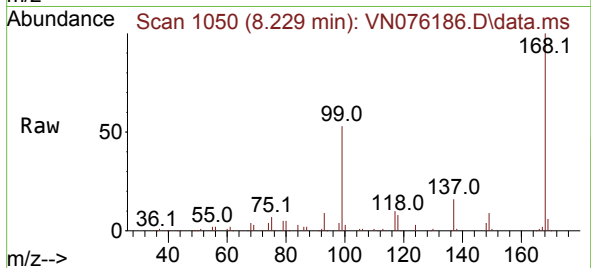
Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 0.0 44.5 66.7#
71 0.0 41.0 61.6#



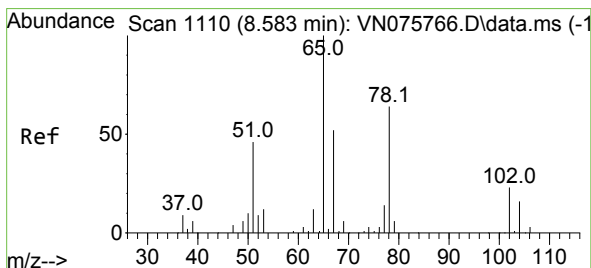
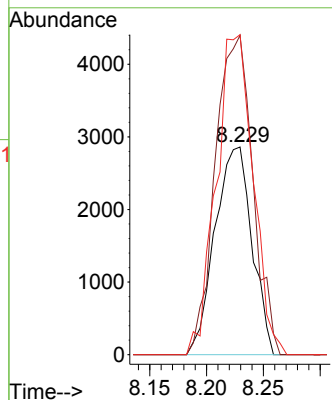
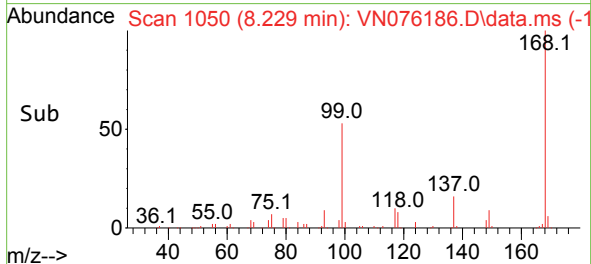


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

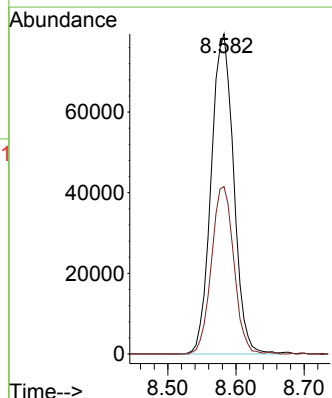
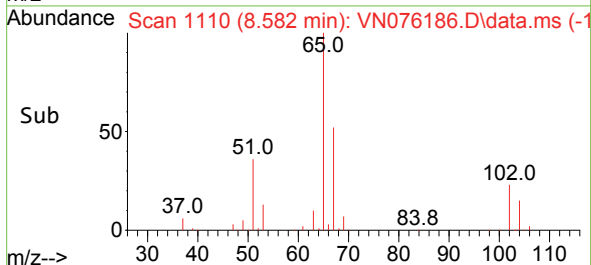
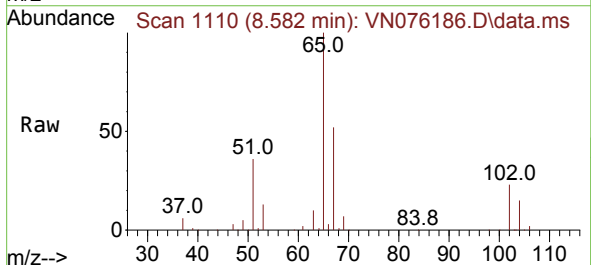


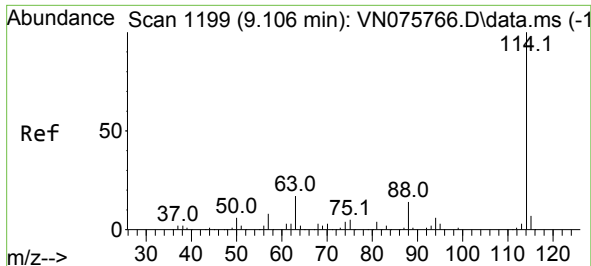
Tgt Ion: 56 Resp: 6474
Ion Ratio Lower Upper
56 100
69 153.8 24.7 37.1#
84 154.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.833 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 65 Resp: 182318
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

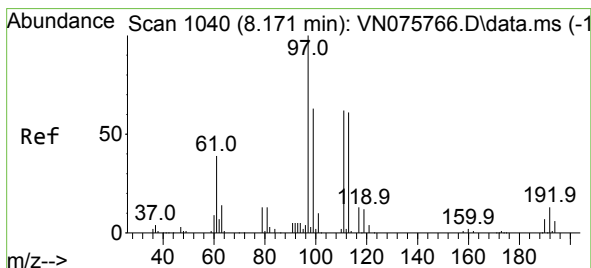
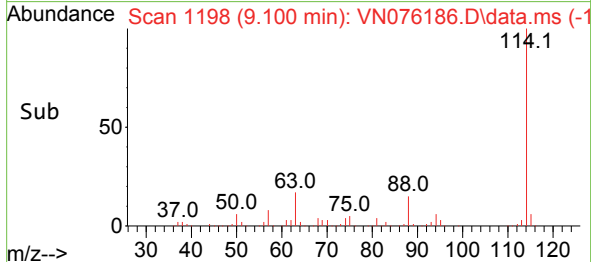
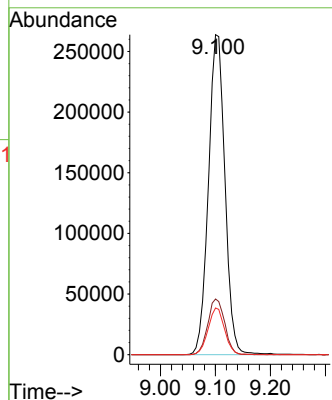
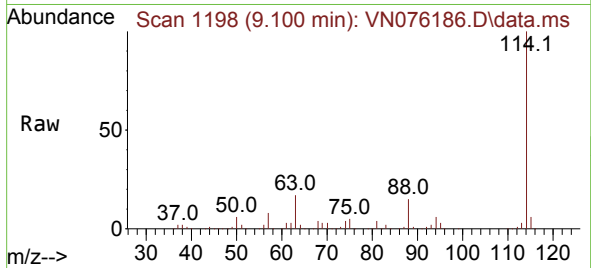




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

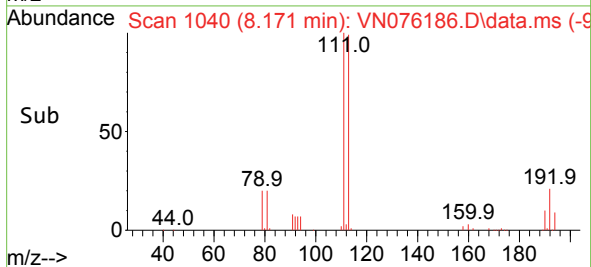
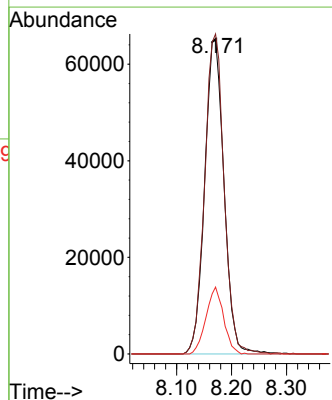
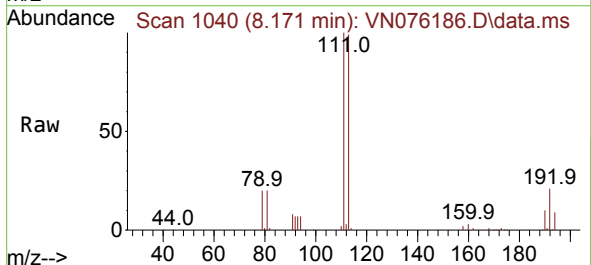
Instrument :
MSVOA_N
ClientSampleId :

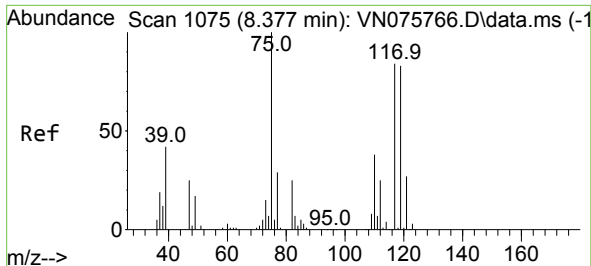
Tgt Ion:114 Resp: 550768
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 46.645 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

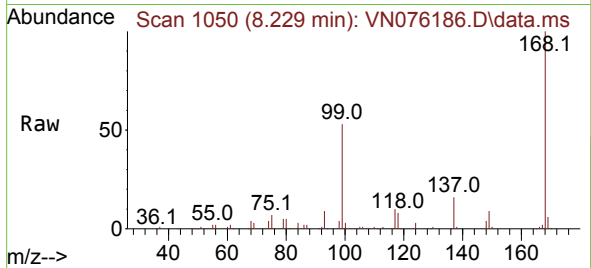
Tgt Ion:113 Resp: 159097
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 19.4 16.1 24.1



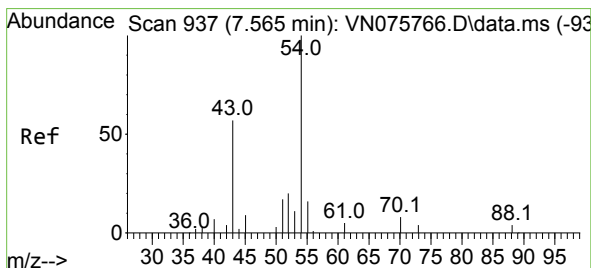
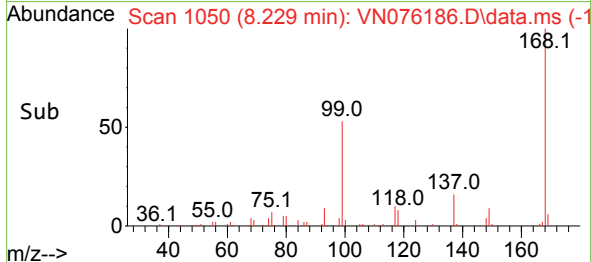
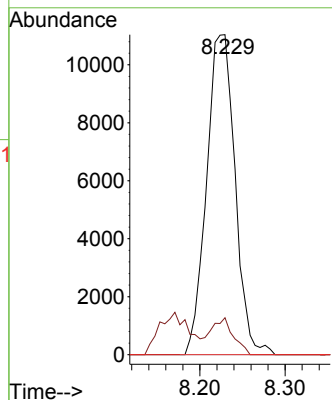


#36
1,1-Dichloropropene
Concen: 5.658 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

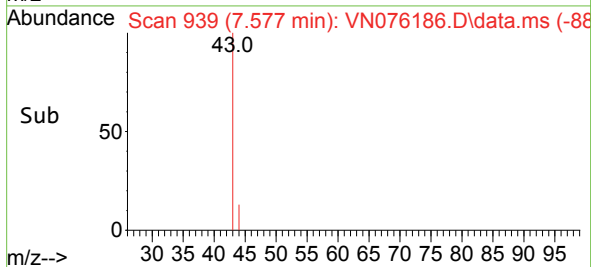
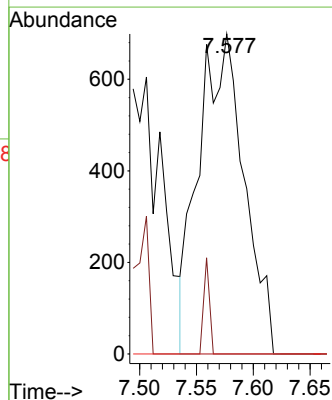
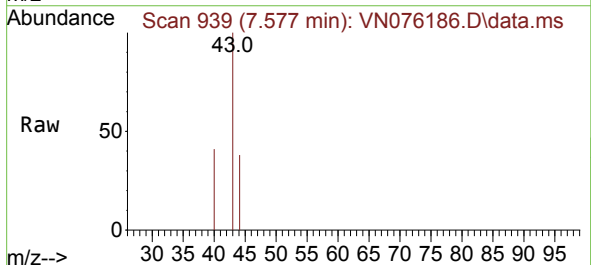


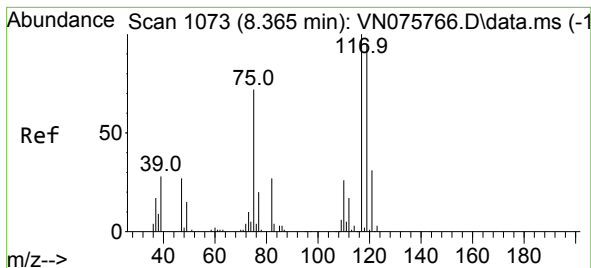
Tgt Ion: 75 Resp: 25637
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.533 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
61 3.8 13.0 19.4#
70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.946 ug/l

RT: 8.224 min Scan# 1107

Delta R.T. -0.141 min

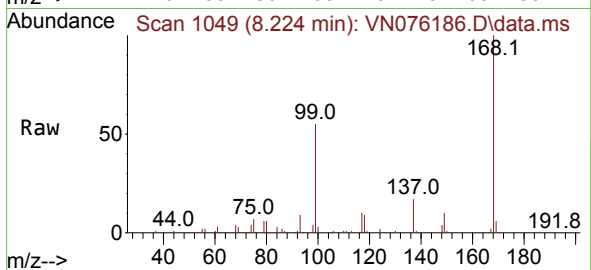
Lab File: VN076186.D

Acq: 10 Jan 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :



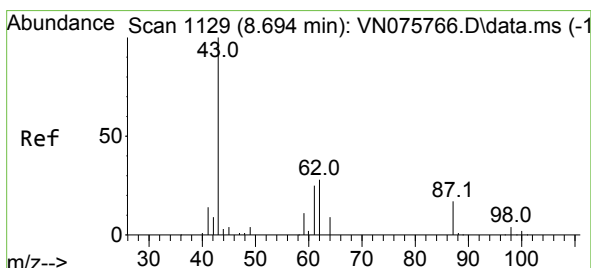
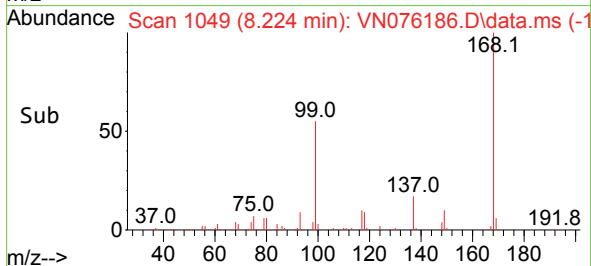
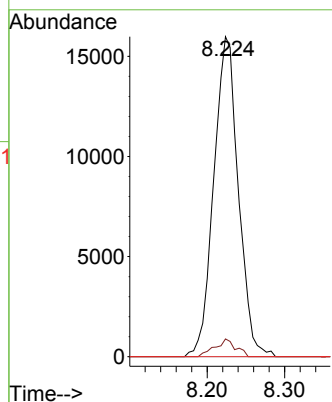
Tgt Ion:117 Resp: 35222

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

121 0.0 24.5 36.7#



#43

Isopropyl Acetate

Concen: 0.477 ug/l

RT: 8.800 min Scan# 1147

Delta R.T. 0.106 min

Lab File: VN076186.D

Acq: 10 Jan 2023 16:48

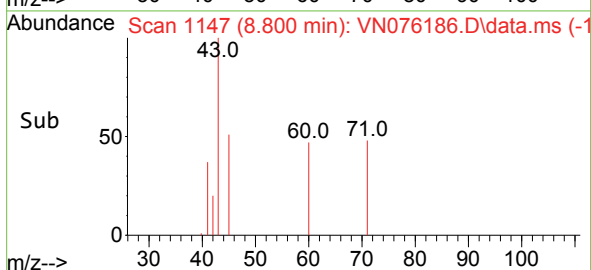
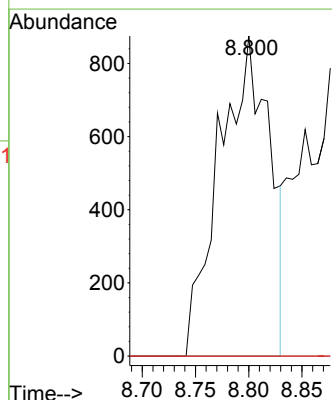
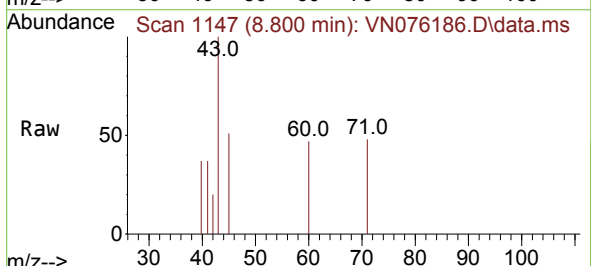
Tgt Ion: 43 Resp: 2861

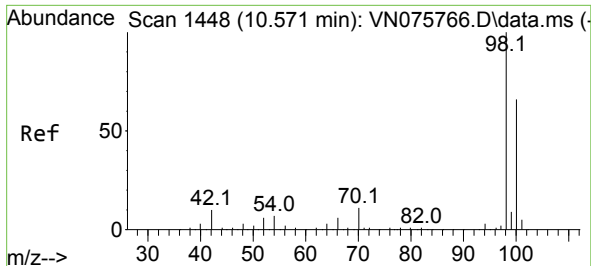
Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 13.3 19.9#

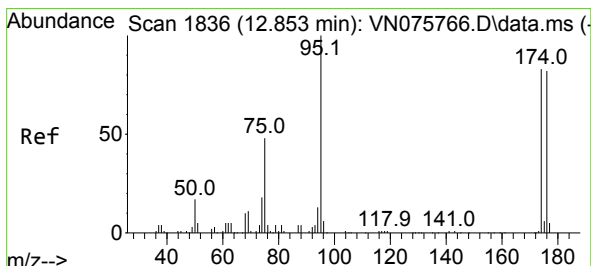
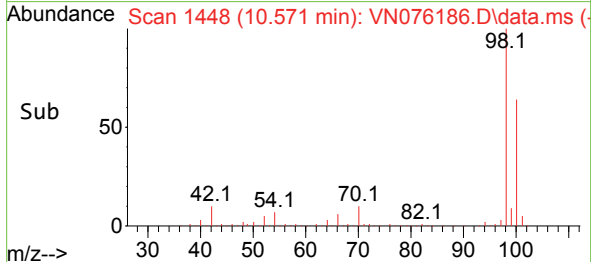
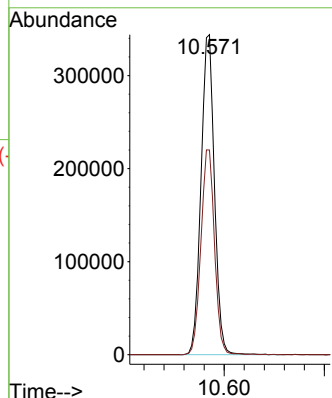
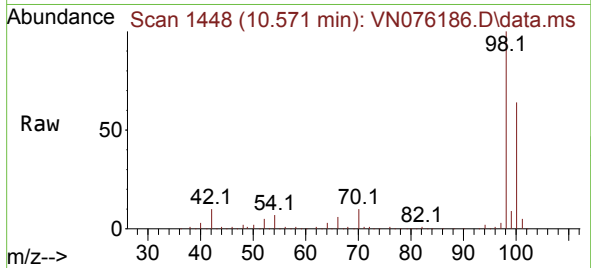




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

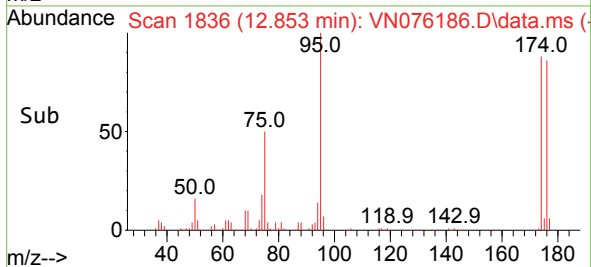
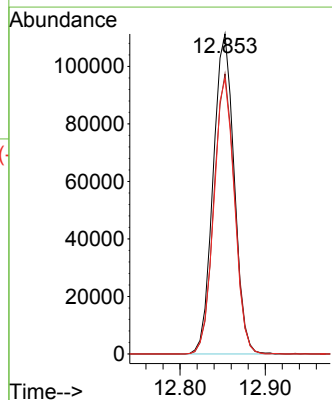
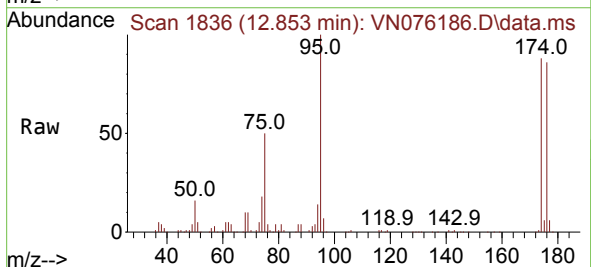
Instrument :
MSVOA_N
ClientSampleId :

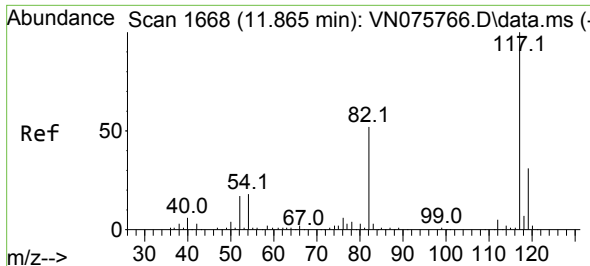
Tgt Ion: 98 Resp: 638301
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.010 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 95 Resp: 190113
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 84.6 0.0 169.2

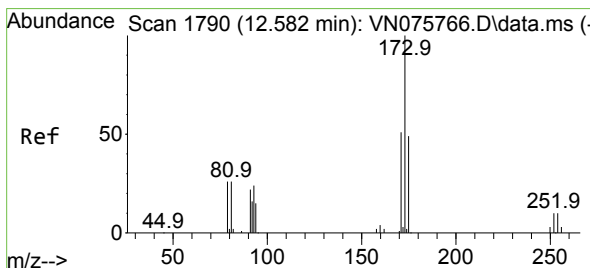
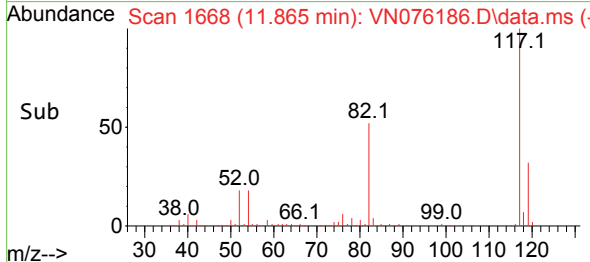
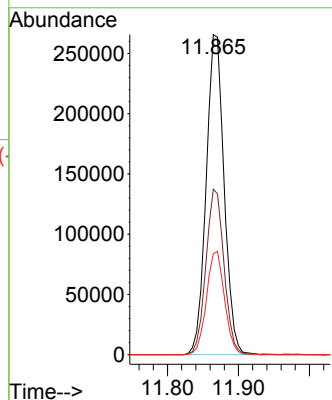
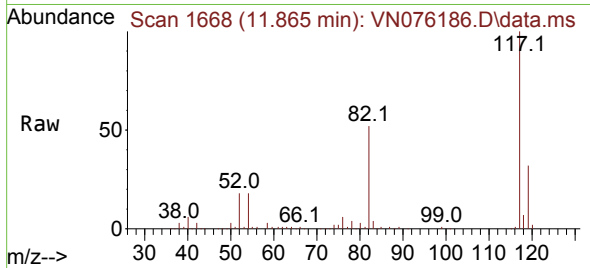




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

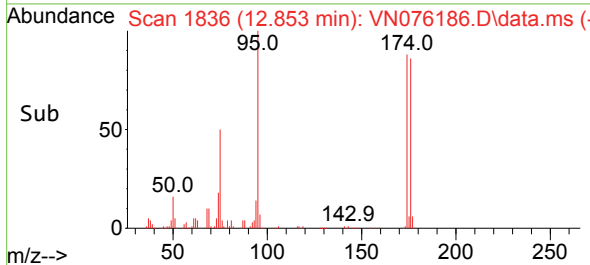
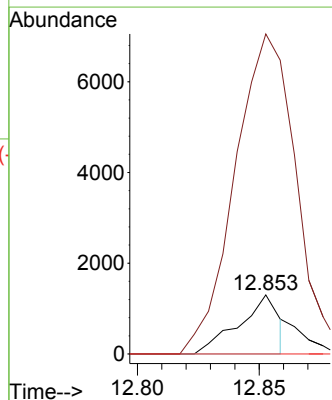
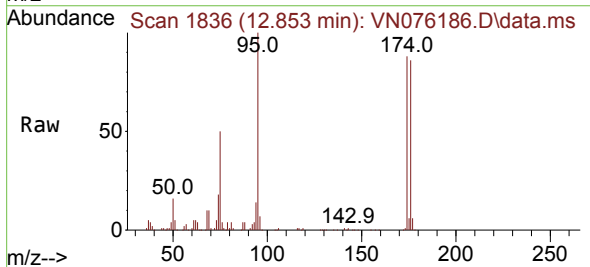
Instrument :
MSVOA_N
ClientSampleId :

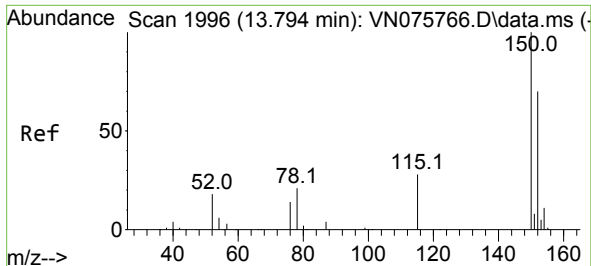
Tgt Ion:117 Resp: 467085
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.6 24.6 37.0



#71
Bromoform
Concen: 0.577 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion:173 Resp: 1492
Ion Ratio Lower Upper
173 100
175 652.1 24.3 72.8#
254 0.0 0.0 0.0

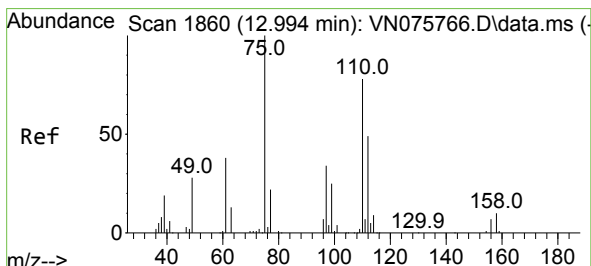
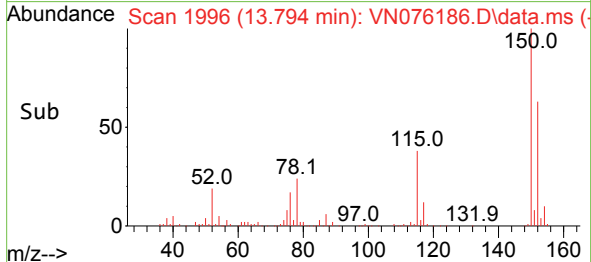
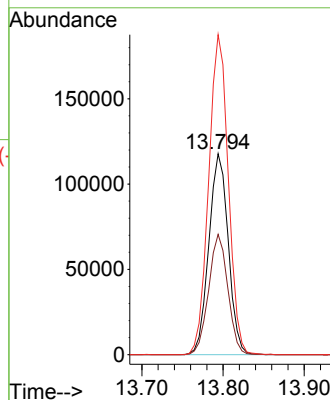
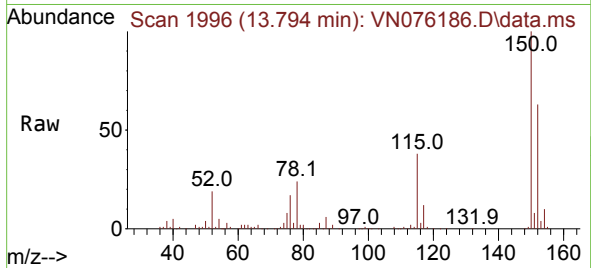




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

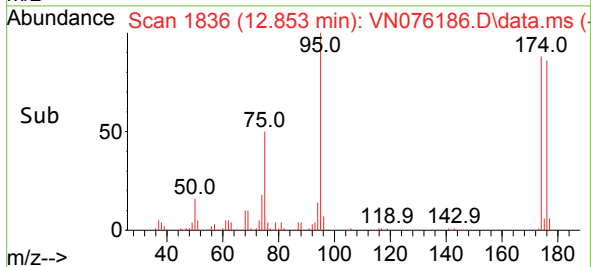
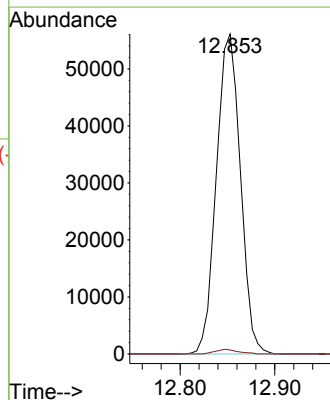
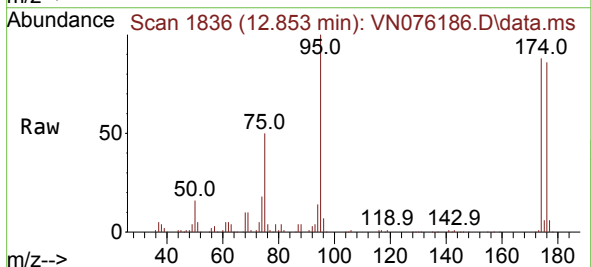
Instrument :
MSVOA_N
ClientSampleId :

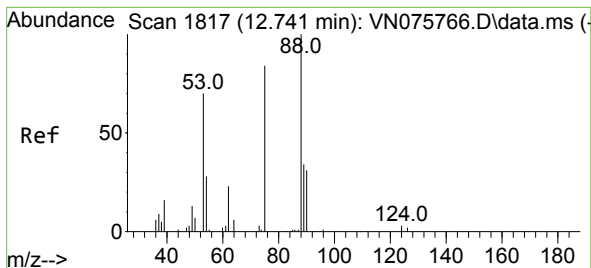
Tgt Ion:152 Resp: 195753
Ion Ratio Lower Upper
152 100
115 59.2 29.1 87.4
150 160.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.062 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion: 75 Resp: 98894
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

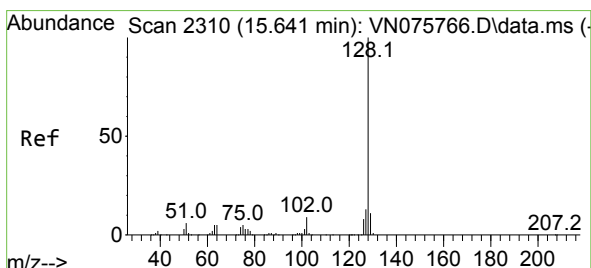
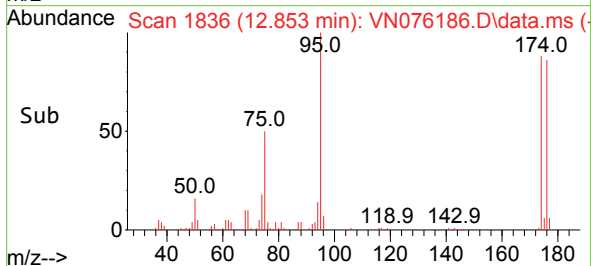
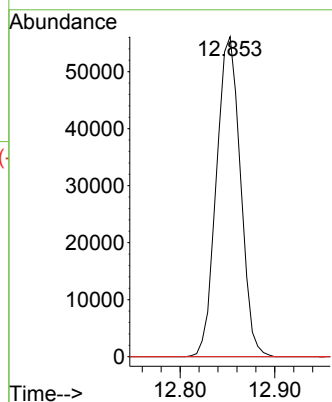
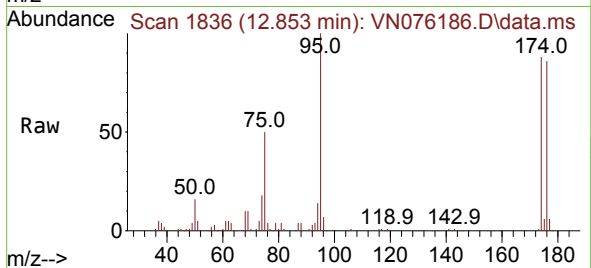




#81
trans-1,4-Dichloro-2-butene
Concen: 90.212 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 98894
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.272 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076186.D
Acq: 10 Jan 2023 16:48

Tgt Ion:128 Resp: 1050
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 6.6 8.7 13.1#

