

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076184.D
 Acq On : 10 Jan 2023 16:00
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:06:45 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)

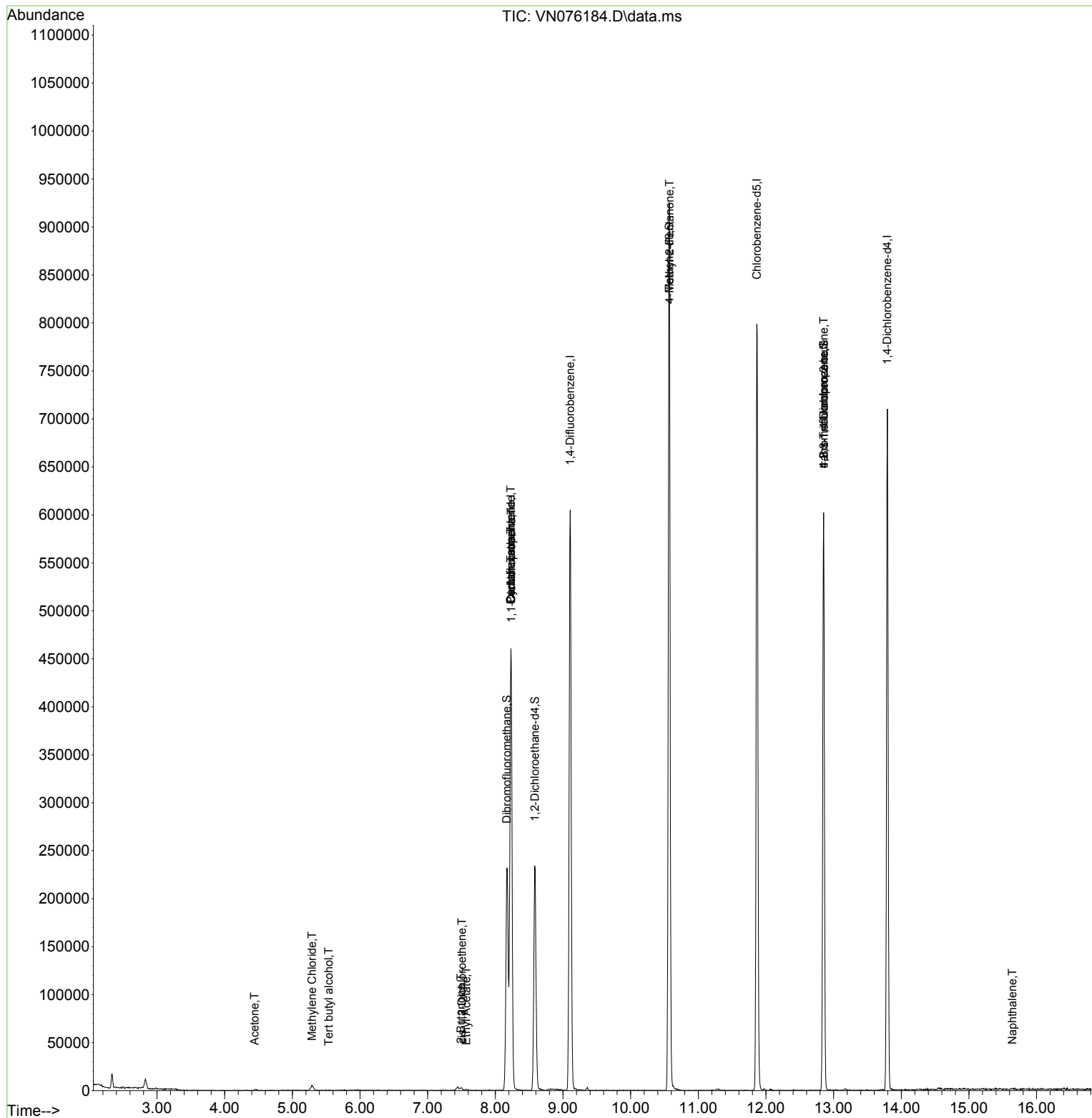
Internal Standards						
1) Pentafluorobenzene	8.230	168	362557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189509	48.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	8.171	113	168608	48.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.040%		
50) Toluene-d8	10.571	98	657936	50.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.853	95	203604	46.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	127	0.228	ug/l #	72
16) Acetone	4.442	43	2366	1.740	ug/l #	39
20) Methylene Chloride	5.289	84	3812	0.413	ug/l	90
25) 2-Butanone	7.494	43	1141	0.599	ug/l #	40
27) cis-1,2-Dichloroethene	7.506	96	1459	0.347	ug/l	90
31) Cyclohexane	8.230	56	6846	1.212	ug/l #	25
36) 1,1-Dichloropropene	8.235	75	25653	5.500	ug/l #	50
37) Ethyl Acetate	7.571	43	1984	0.530	ug/l #	79
38) Carbon Tetrachloride	8.230	117	35186	6.740	ug/l #	18
51) 4-Methyl-2-Pentanone	10.576	43	2440	0.653	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105607	26.546	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105607	95.554	ug/l #	12
95) Naphthalene	15.641	128	1265	2.290	ug/l #	82

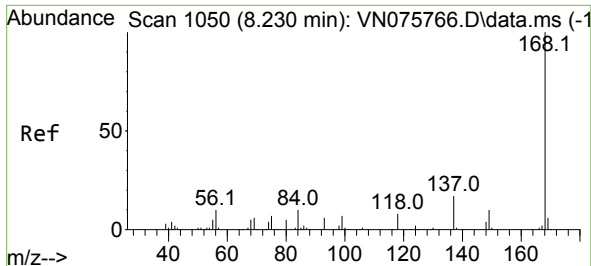
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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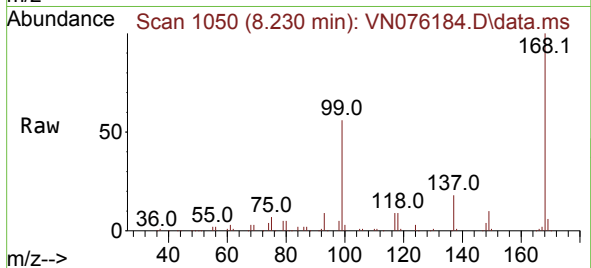
Quant Time: Jan 11 01:06:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration



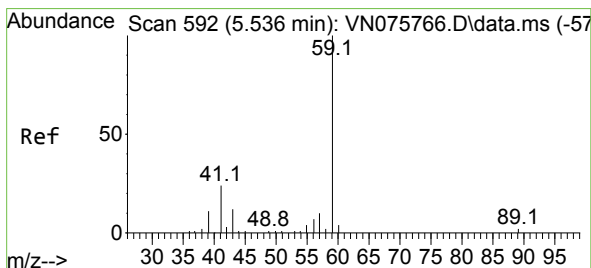
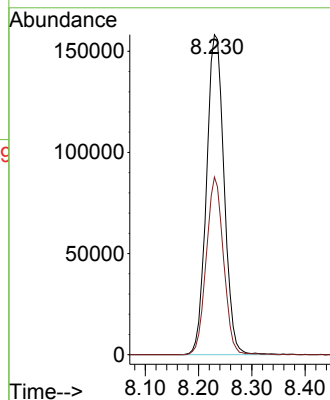
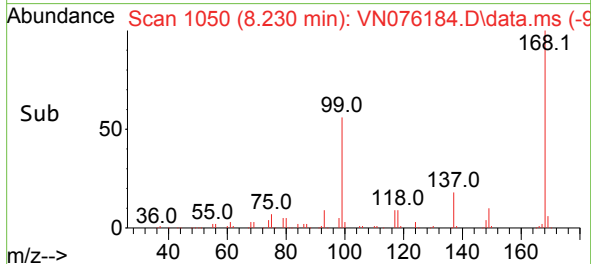


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

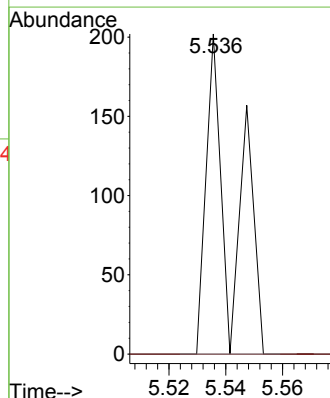
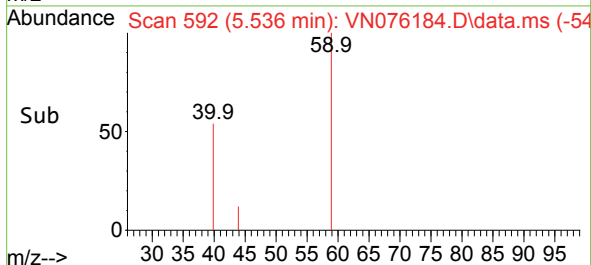
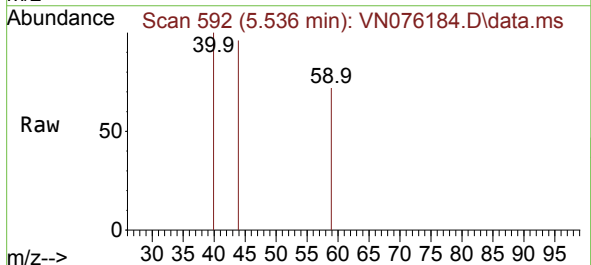


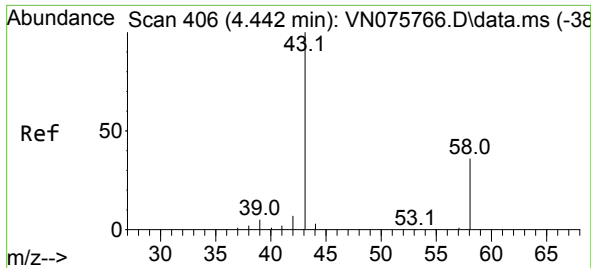
Tgt Ion:168 Resp: 362557
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

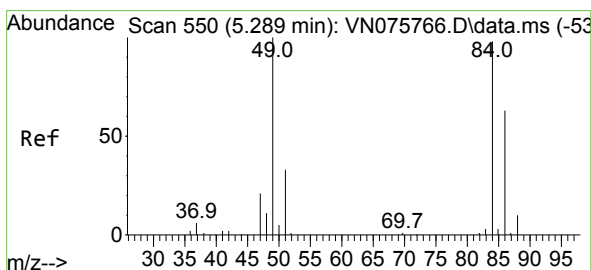
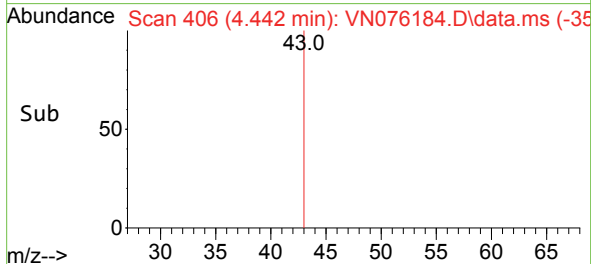
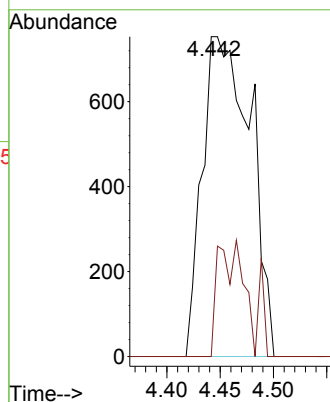
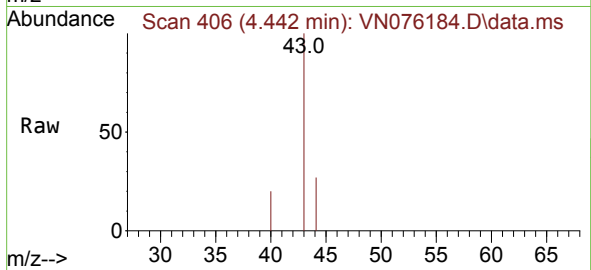




#16
Acetone
Concen: 1.740 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

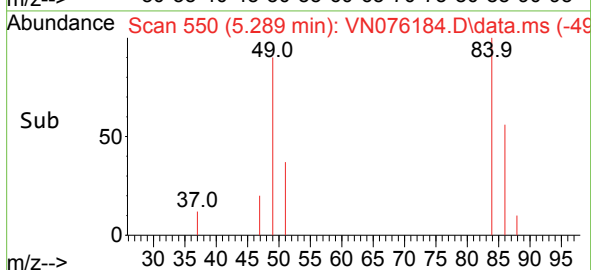
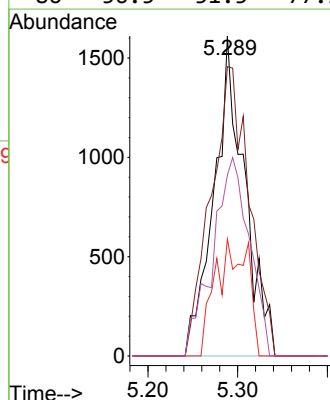
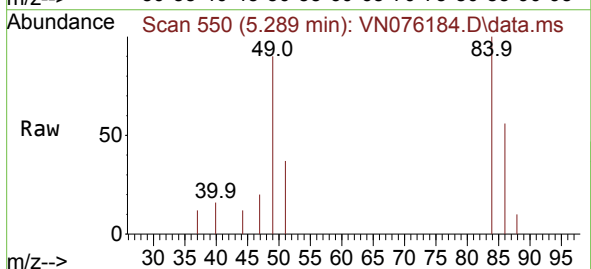
Instrument :
MSVOA_N
ClientSampleId :

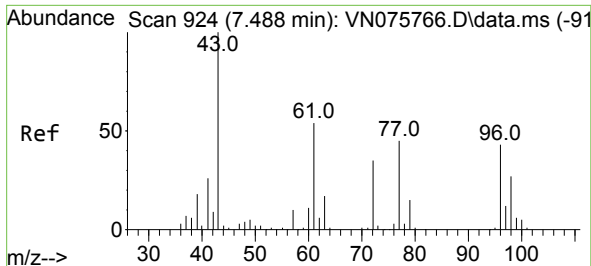
Tgt Ion: 43 Resp: 2366
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: 0.413 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 84 Resp: 3812
Ion Ratio Lower Upper
84 100
49 90.4 81.8 122.6
51 36.6 26.7 40.1
86 56.5 51.5 77.3

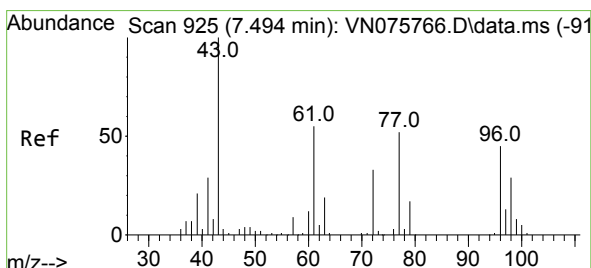
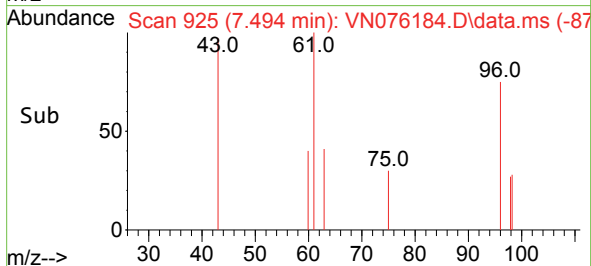
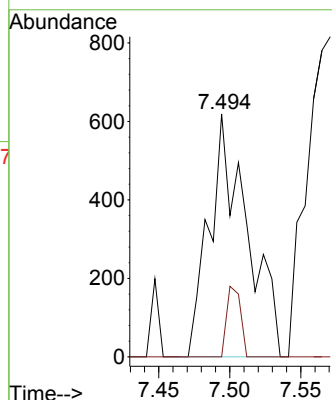
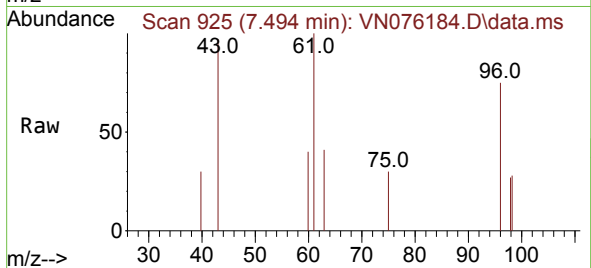




#25
2-Butanone
Concen: 0.599 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

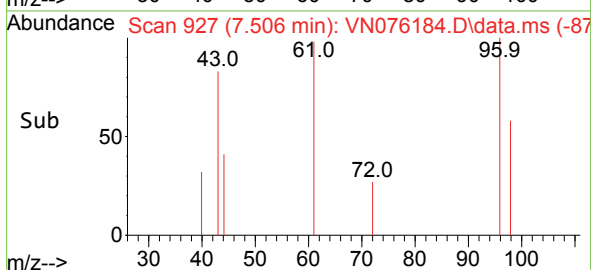
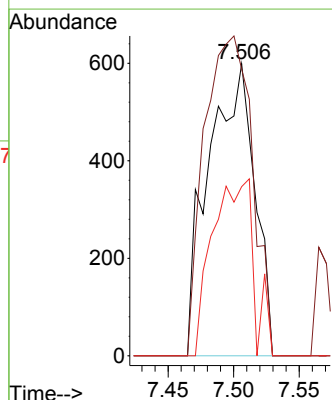
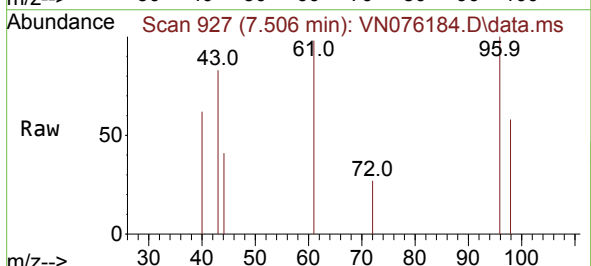
Instrument :
MSVOA_N
ClientSampleId :

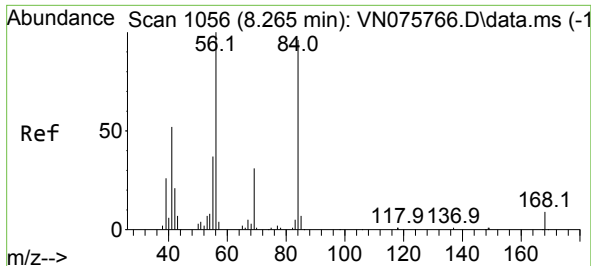
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#27
cis-1,2-Dichloroethene
Concen: 0.347 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

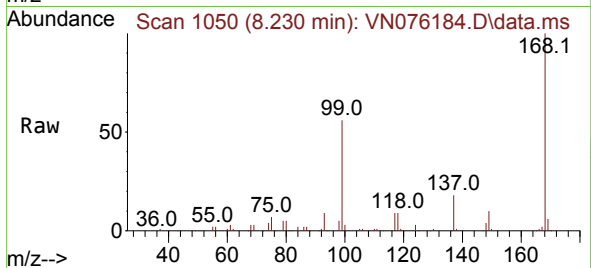
Tgt Ion: 96 Resp: 1459
Ion Ratio Lower Upper
96 100
61 114.1 0.0 247.8
98 54.2 0.0 128.4



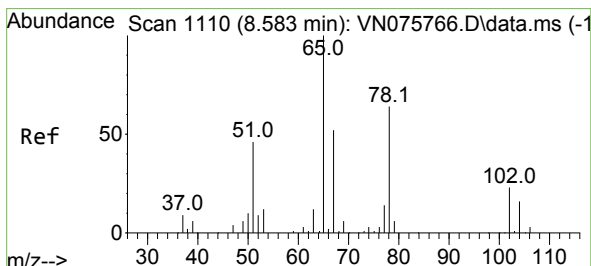
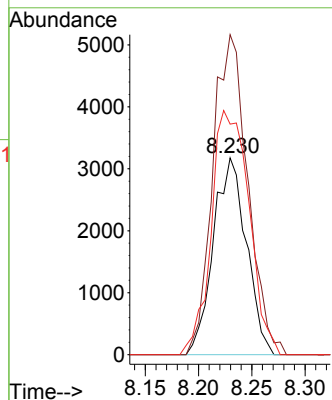
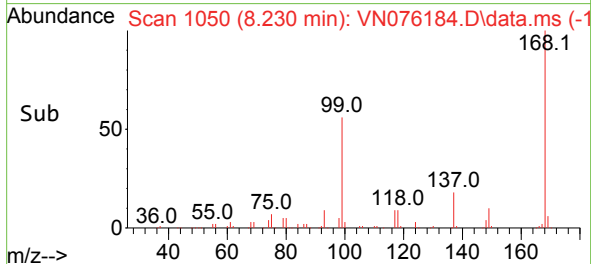


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

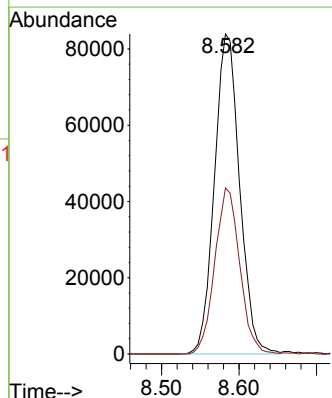
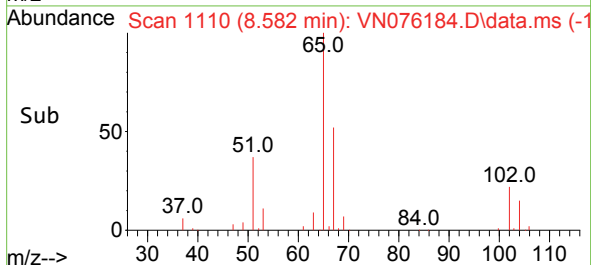
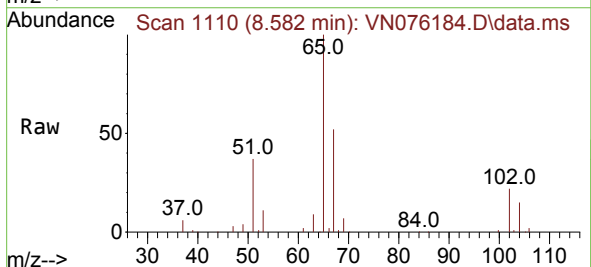


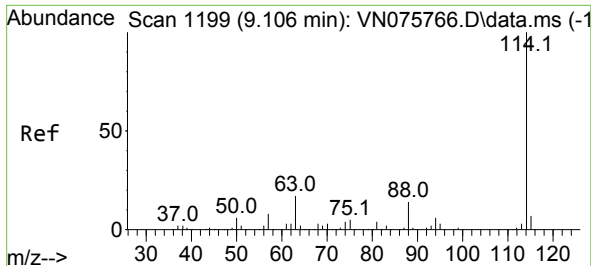
Tgt Ion: 56 Resp: 6846
Ion Ratio Lower Upper
56 100
69 162.6 24.7 37.1#
84 117.2 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 48.047 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 65 Resp: 189509
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

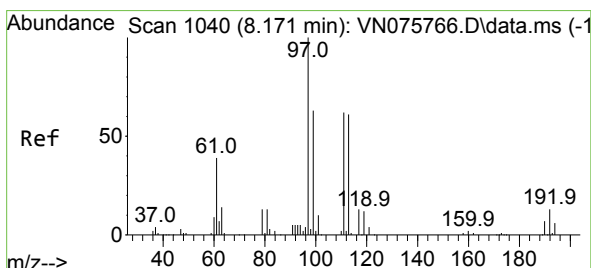
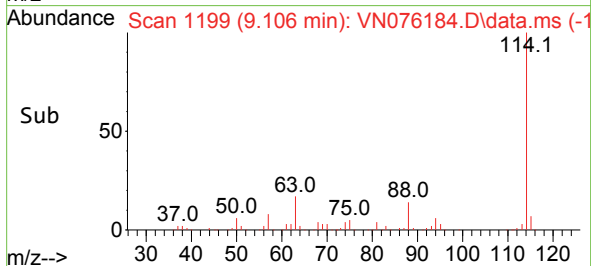
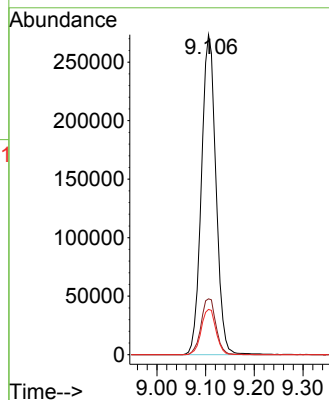
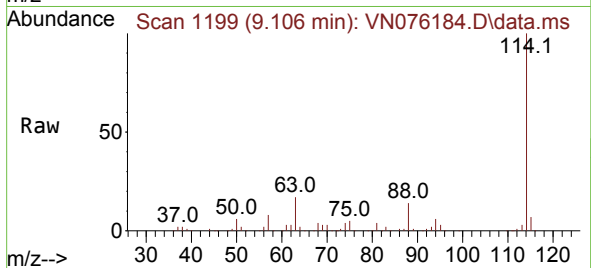
Tgt Ion:114 Resp: 566985

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.019 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

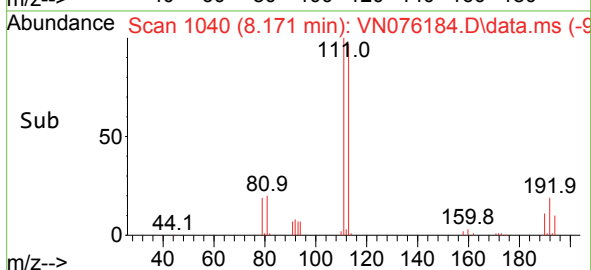
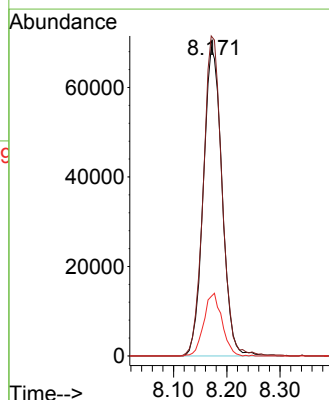
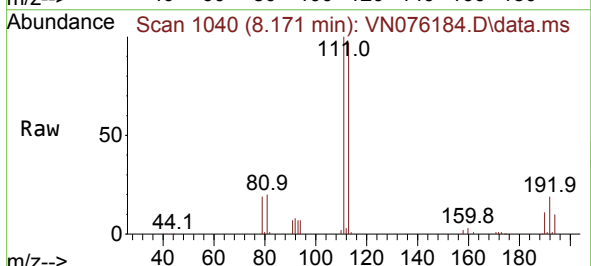
Tgt Ion:113 Resp: 168608

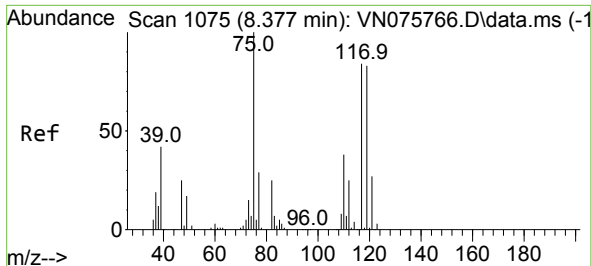
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

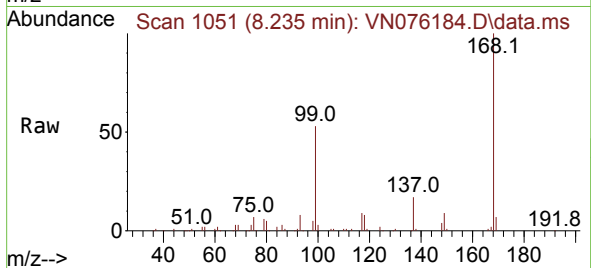
192 19.7 16.1 24.1



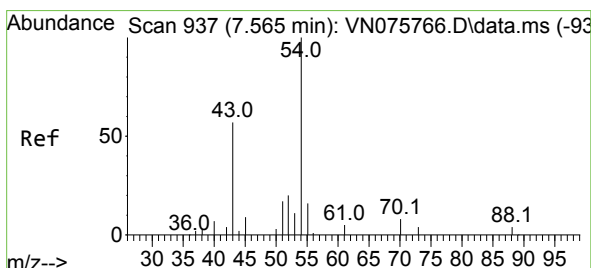
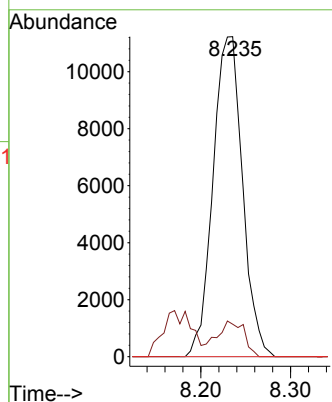
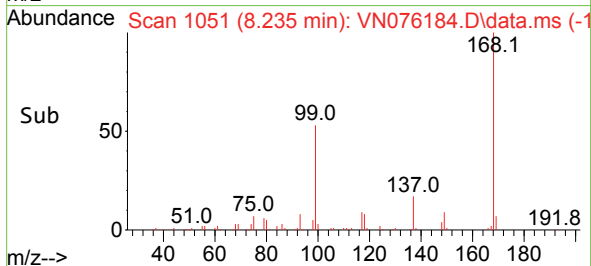


#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 8.235 min Scan# 1075
Delta R.T. -0.141 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

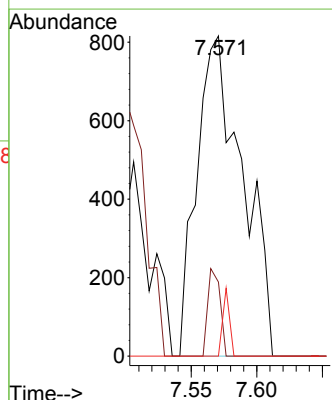
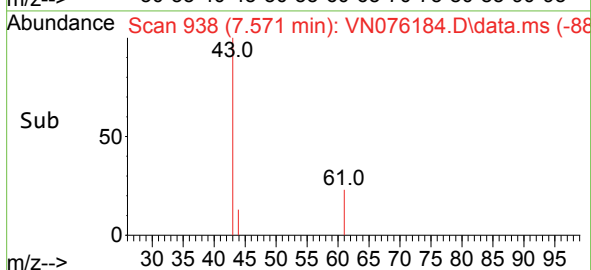
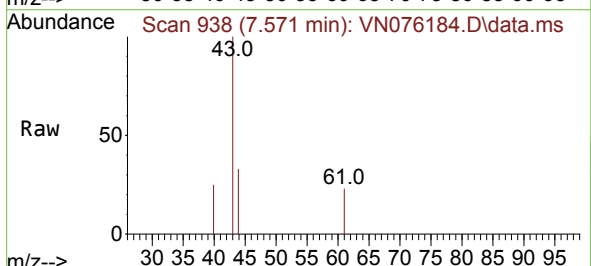


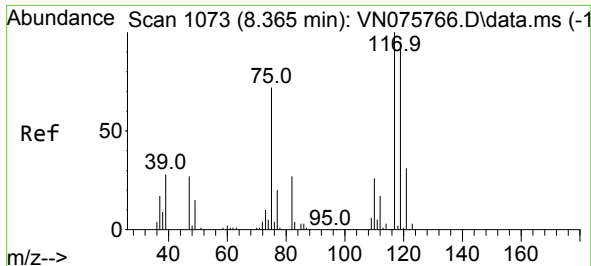
Tgt Ion: 75 Resp: 25653
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.530 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

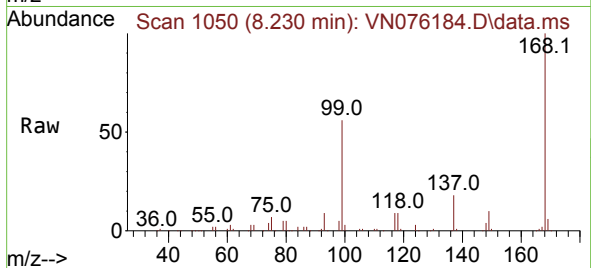
Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
61 7.3 13.0 19.4#
70 3.1 9.4 14.0#



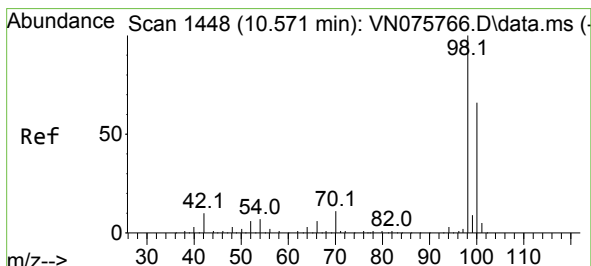
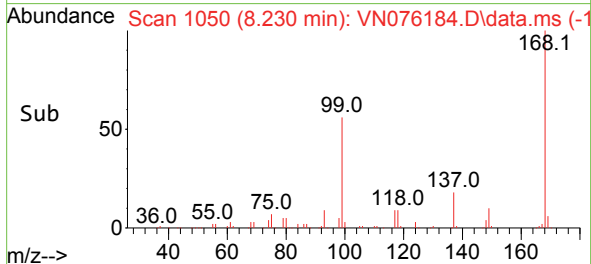
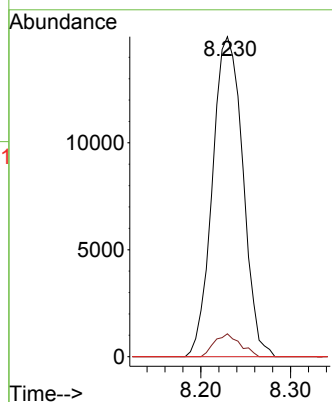


#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

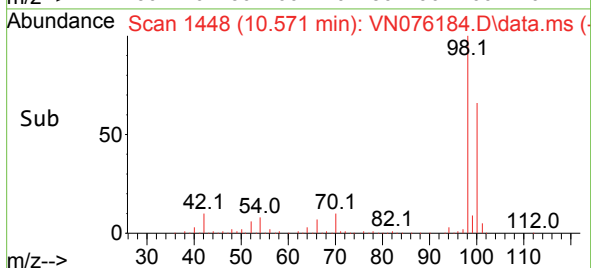
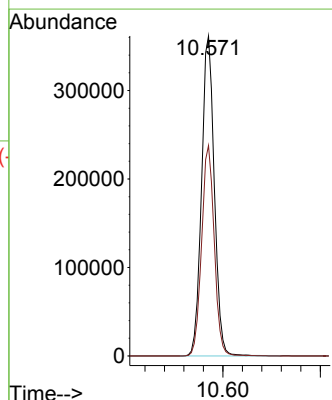
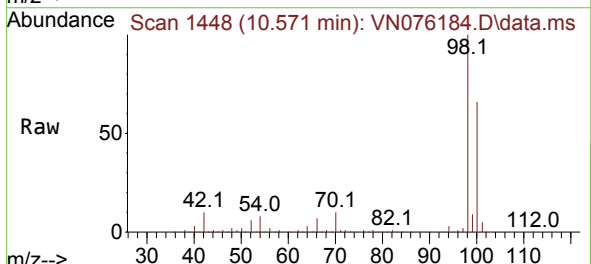


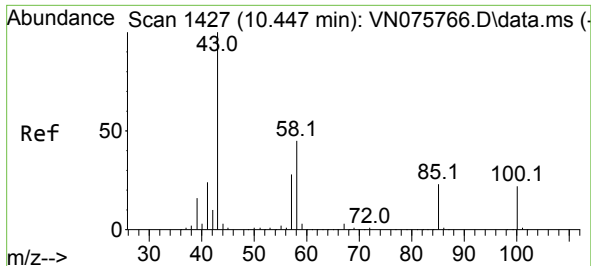
Tgt Ion:117 Resp: 35186
Ion Ratio Lower Upper
117 100
119 7.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 98 Resp: 657936
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.653 ug/l

RT: 10.576 min Scan# 1427

Delta R.T. 0.129 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

Instrument :

MSVOA_N

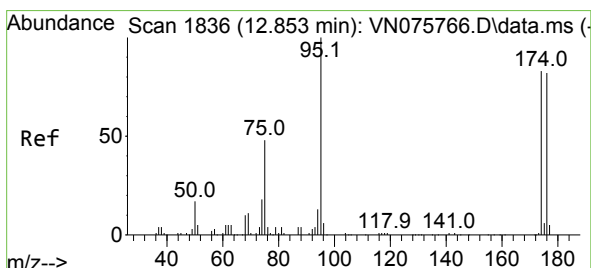
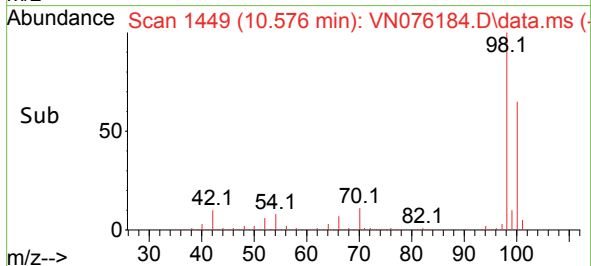
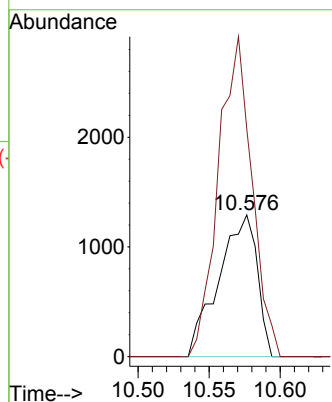
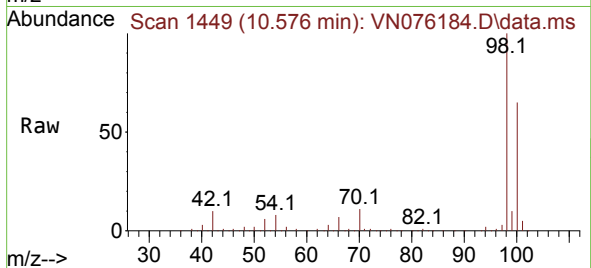
ClientSampleId :

Tgt Ion: 43 Resp: 2440

Ion Ratio Lower Upper

43 100

58 196.2 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 46.825 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

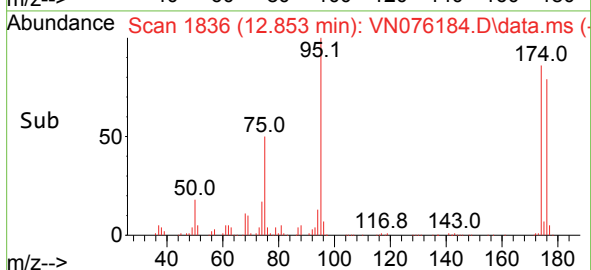
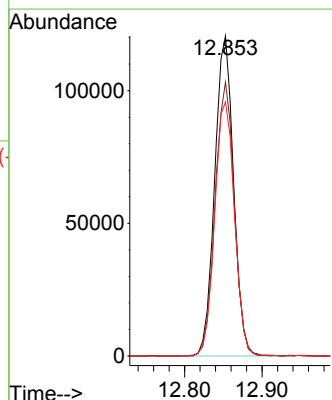
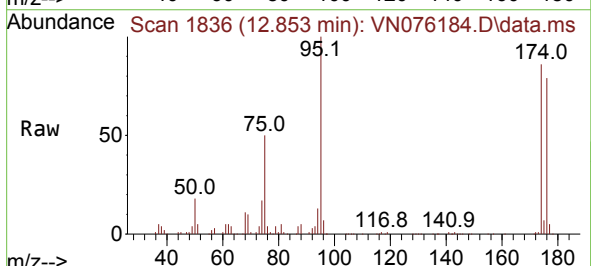
Tgt Ion: 95 Resp: 203604

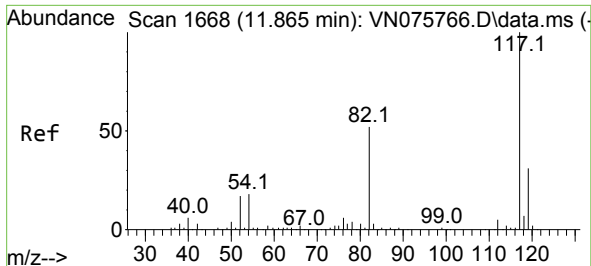
Ion Ratio Lower Upper

95 100

174 87.2 0.0 171.6

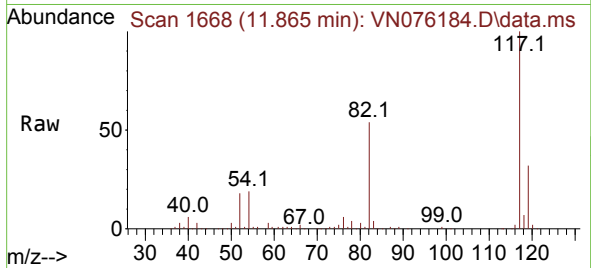
176 83.1 0.0 169.2



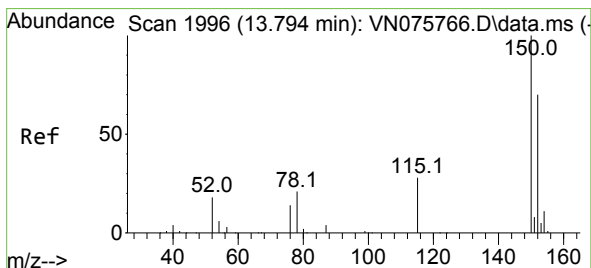
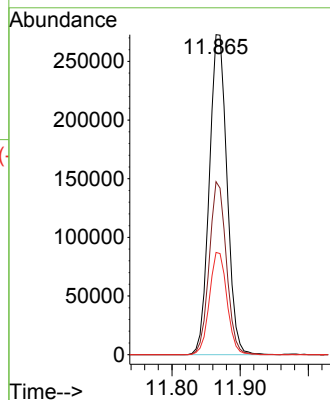
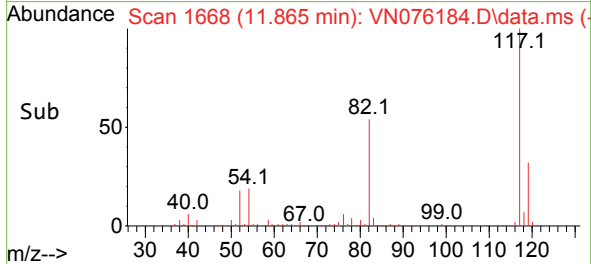


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

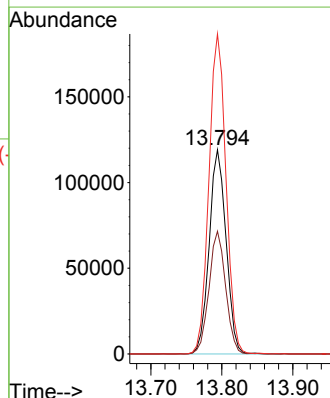
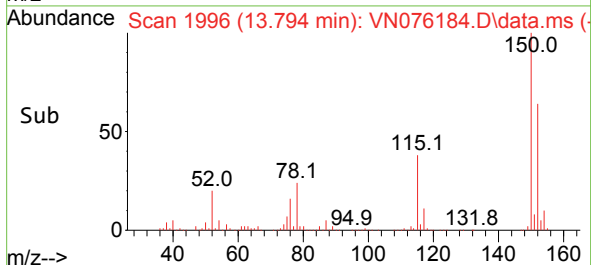
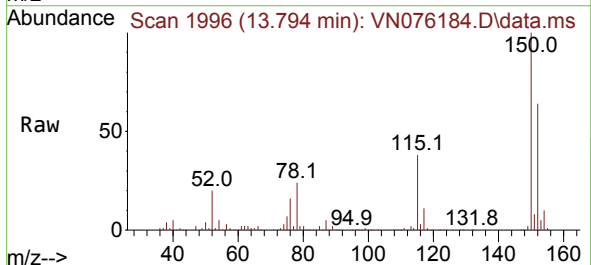


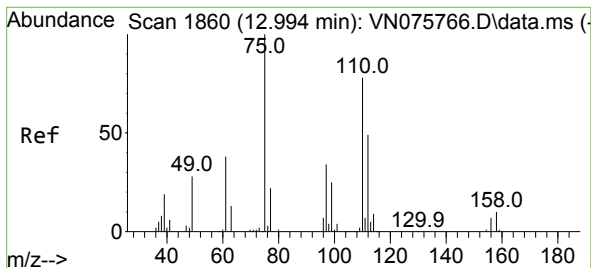
Tgt Ion:117 Resp: 492130
Ion Ratio Lower Upper
117 100
82 54.0 41.3 61.9
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion:152 Resp: 197355
Ion Ratio Lower Upper
152 100
115 59.4 29.1 87.4
150 157.5 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.546 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

Instrument :

MSVOA_N

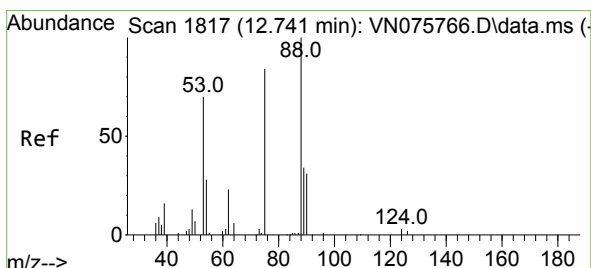
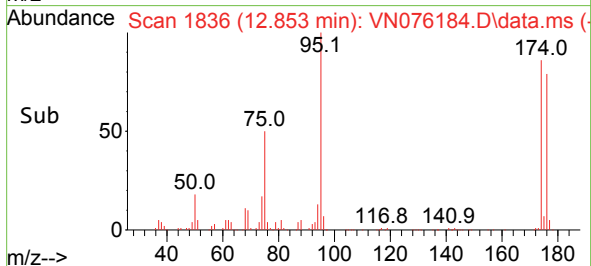
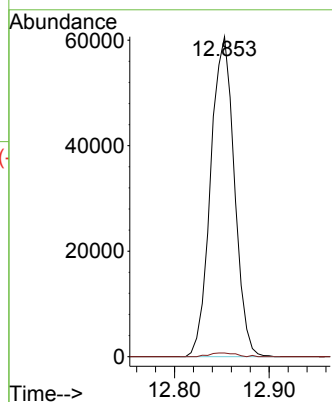
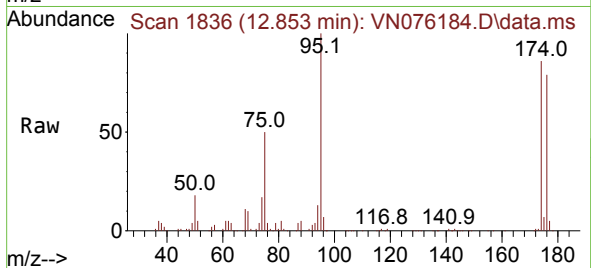
ClientSampleId :

Tgt Ion: 75 Resp: 105607

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.554 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

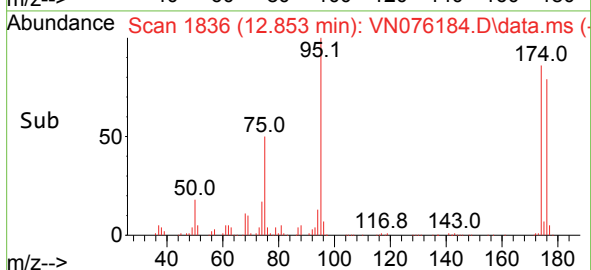
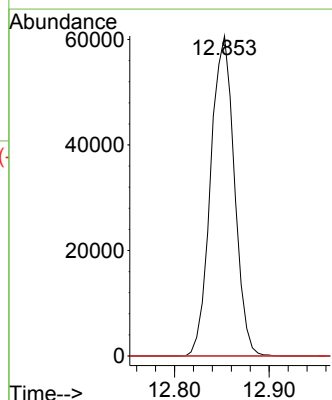
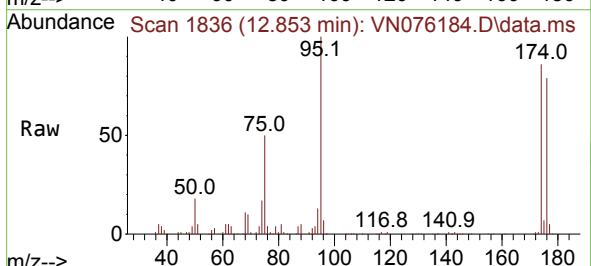
Tgt Ion: 75 Resp: 105607

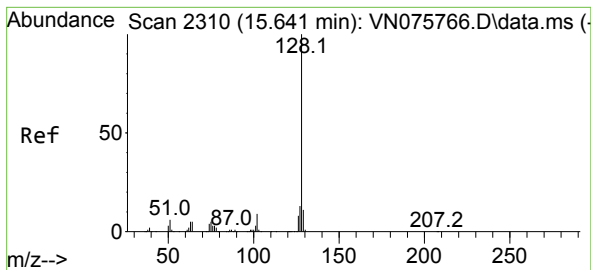
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

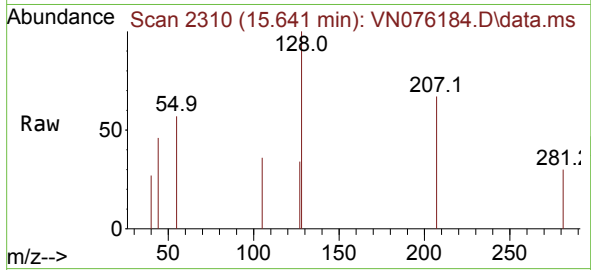
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.290 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1265
Ion Ratio Lower Upper
128 100
127 5.2 10.4 15.6#
129 4.4 8.7 13.1#

