

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076238.D
 Acq On : 13 Jan 2023 10:52
 Operator : JC\MD
 Sample : VN0113WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 01:03:28 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)

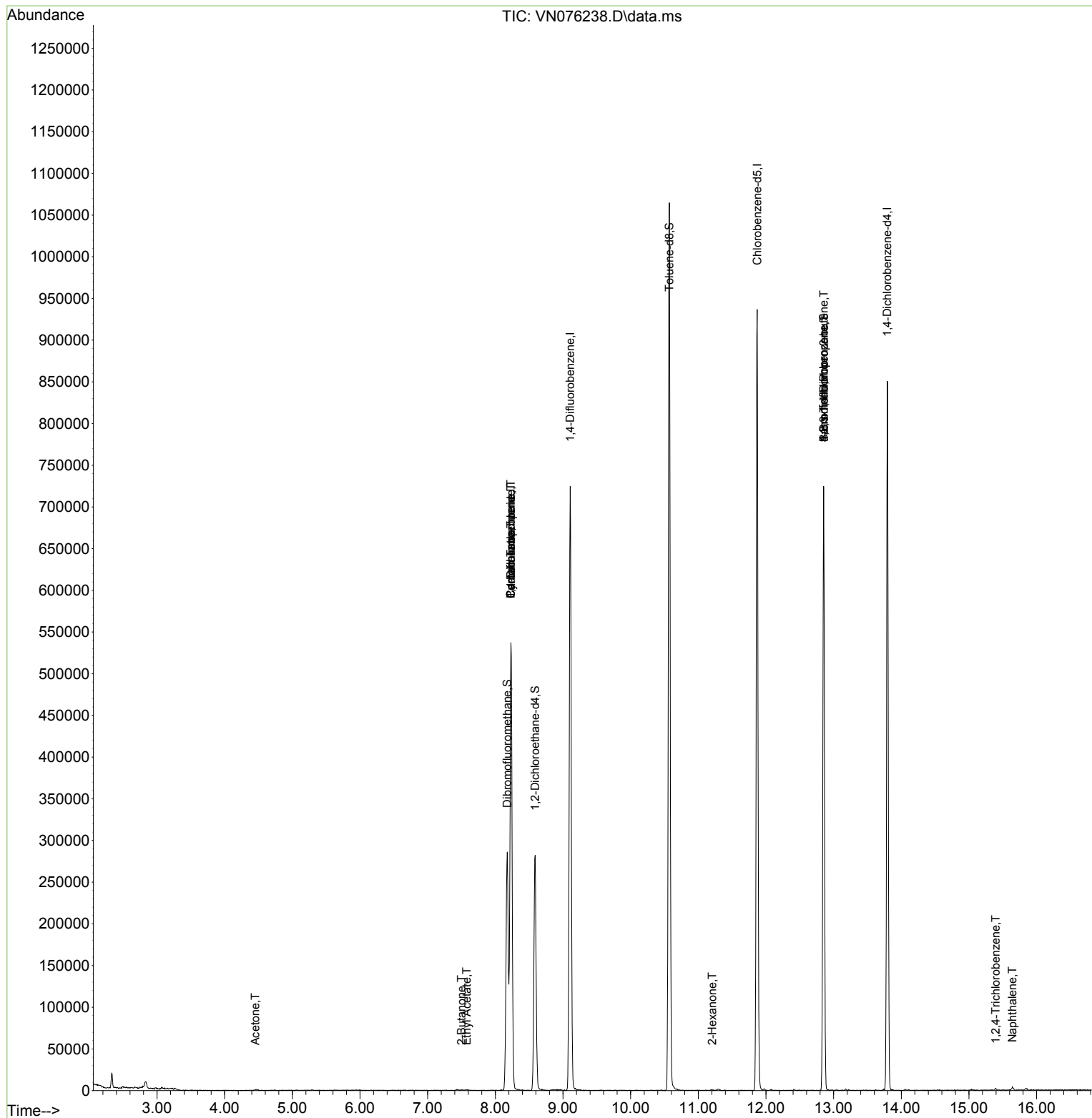
Internal Standards						
1) Pentafluorobenzene	8.230	168	406857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	660871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	229869	51.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.860%	
35) Dibromofluoromethane	8.177	113	201291	49.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.360%	
50) Toluene-d8	10.571	98	755510	49.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.853	95	233424	46.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	2309	1.513	ug/l #	82
20) Methylene Chloride	5.295	84	218	Below Cal	#	33
25) 2-Butanone	7.500	43	710	0.332	ug/l	98
31) Cyclohexane	8.230	56	8085	1.275	ug/l #	14
36) 1,1-Dichloropropene	8.230	75	29738	5.470	ug/l #	49
37) Ethyl Acetate	7.577	43	2125	0.487	ug/l #	65
38) Carbon Tetrachloride	8.230	117	41285	6.785	ug/l #	16
59) 2-Hexanone	11.206	43	925	0.291	ug/l	65
71) Bromoform	12.853	173	1771	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	120845	25.699	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	120845	92.504	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	1023	0.266	ug/l	97
95) Naphthalene	15.641	128	4480	2.515	ug/l #	91

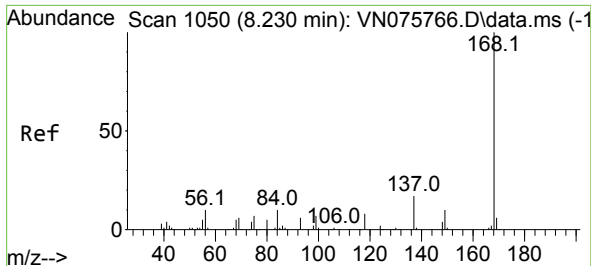
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
Data File : VN076238.D
Acq On : 13 Jan 2023 10:52
Operator : JC\MD
Sample : VN0113WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 16 01:03:28 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

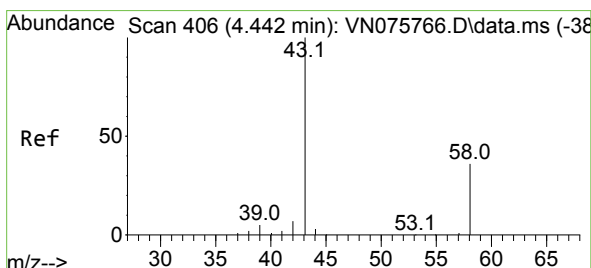
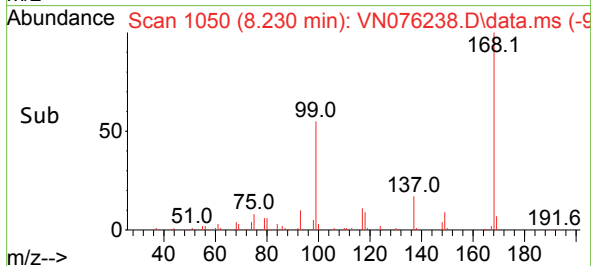
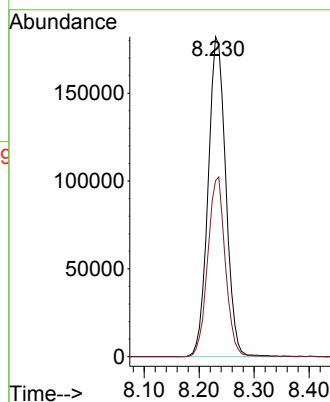
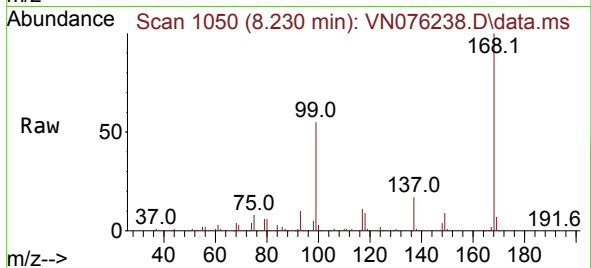




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

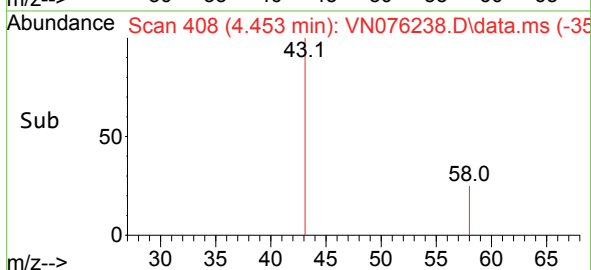
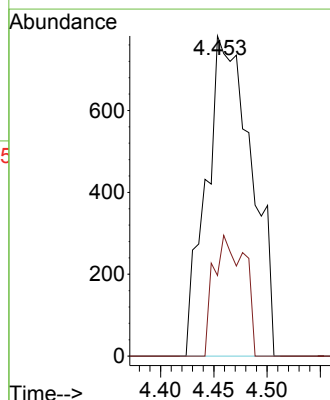
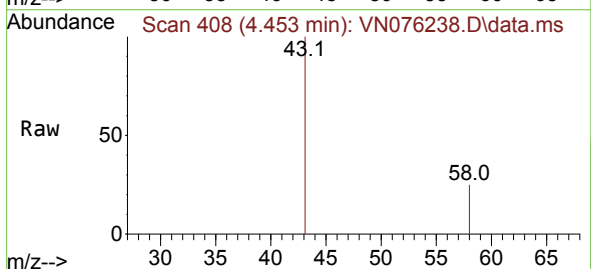
Instrument :
MSVOA_N
ClientSampleId :

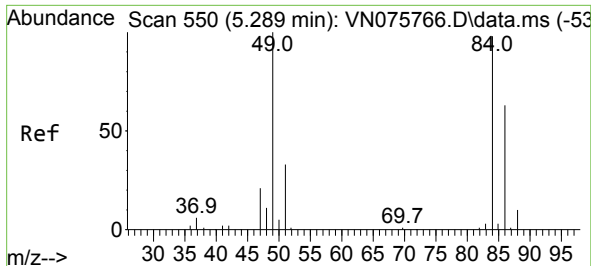
Tgt Ion:168 Resp: 406857
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#16
Acetone
Concen: 1.513 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

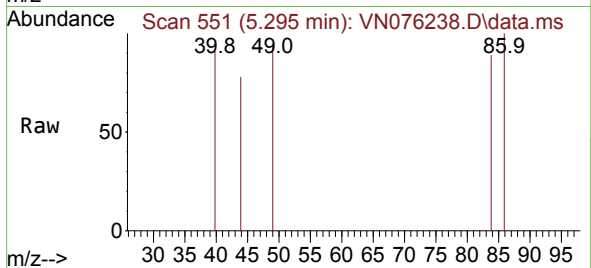
Tgt Ion: 43 Resp: 2309
Ion Ratio Lower Upper
43 100
58 25.2 28.6 43.0#





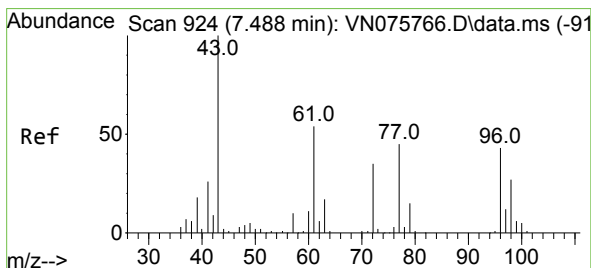
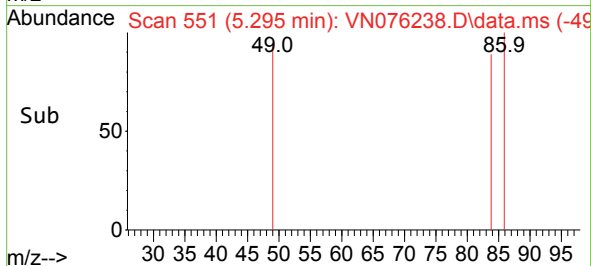
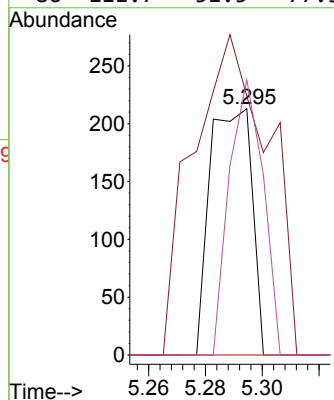
#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 218

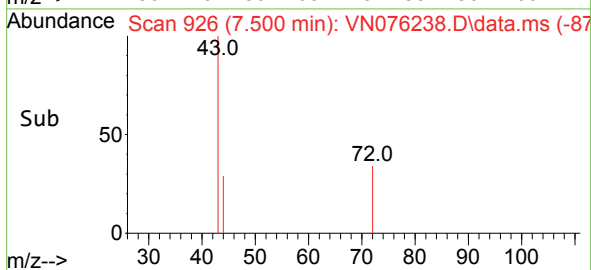
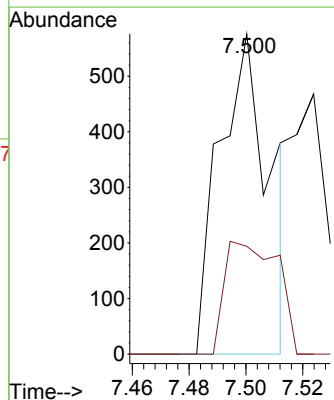
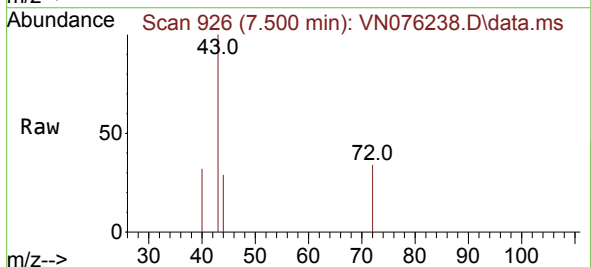
Ion	Ratio	Lower	Upper
84	100		
49	26.8	81.8	122.6#
51	0.0	26.7	40.1#
86	111.7	51.5	77.3#

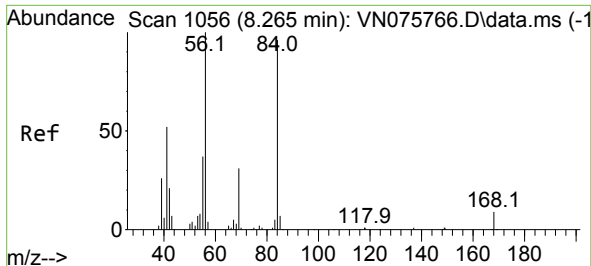


#25
2-Butanone
Concen: 0.332 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion: 43 Resp: 710

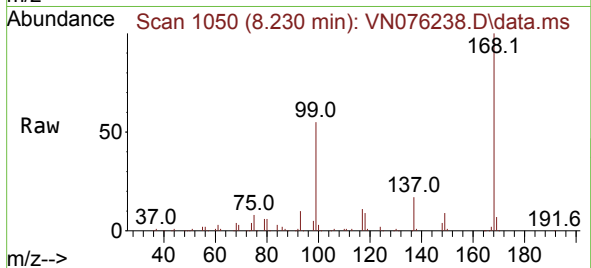
Ion	Ratio	Lower	Upper
43	100		
72	33.7	28.0	42.0



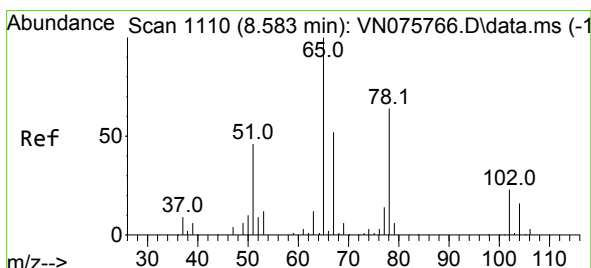
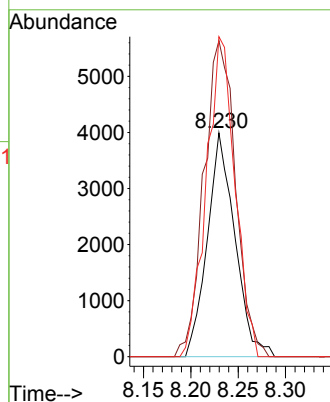
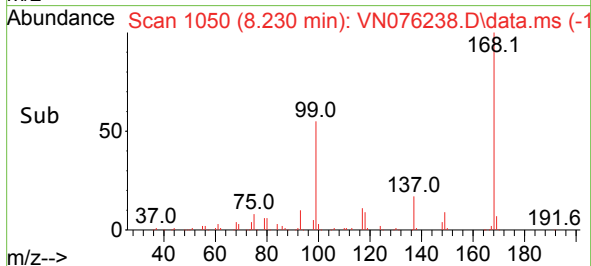


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :

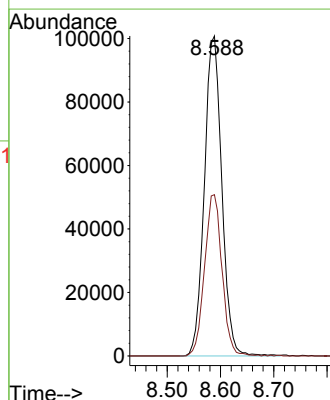
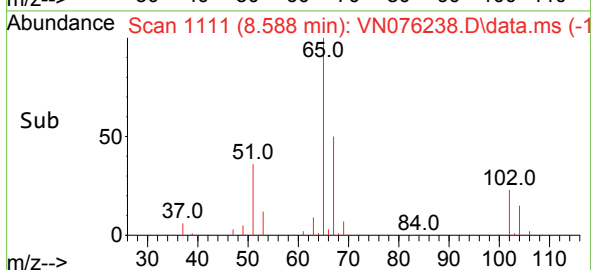
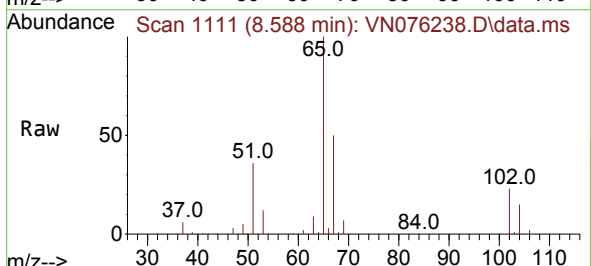


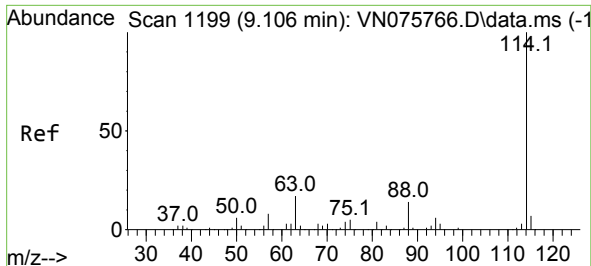
Tgt Ion: 56 Resp: 8085
Ion Ratio Lower Upper
56 100
69 141.2 24.7 37.1#
84 142.9 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 51.933 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion: 65 Resp: 229869
Ion Ratio Lower Upper
65 100
67 50.4 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: VN076238.D

Acq: 13 Jan 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

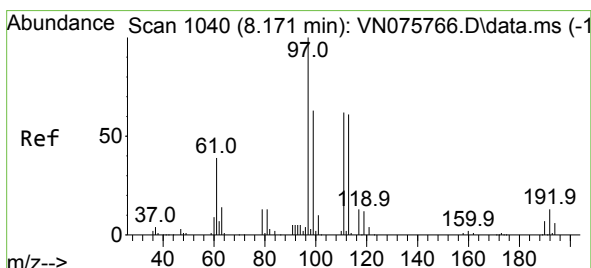
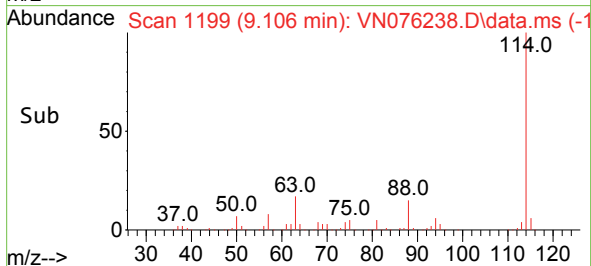
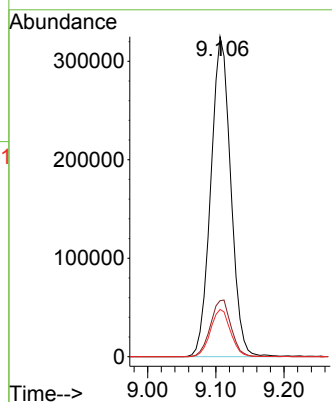
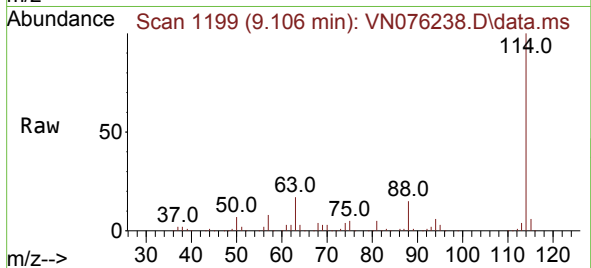
Tgt Ion:114 Resp: 660871

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076238.D

Acq: 13 Jan 2023 10:52

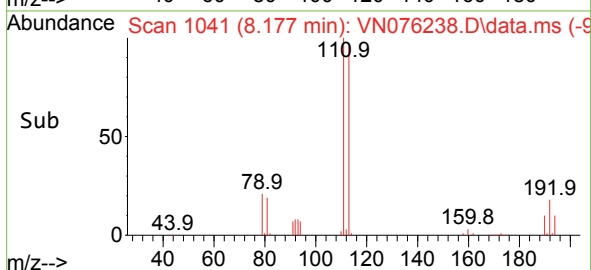
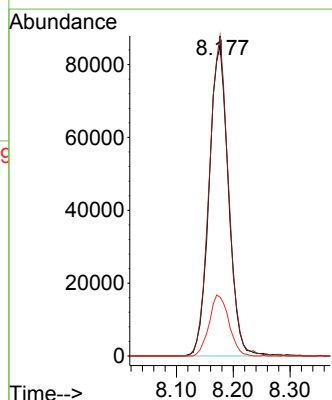
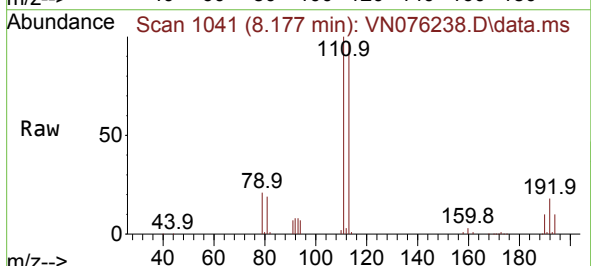
Tgt Ion:113 Resp: 201291

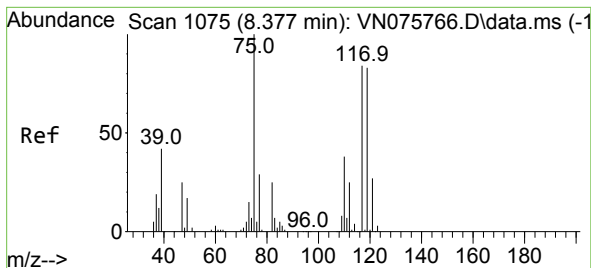
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.470 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

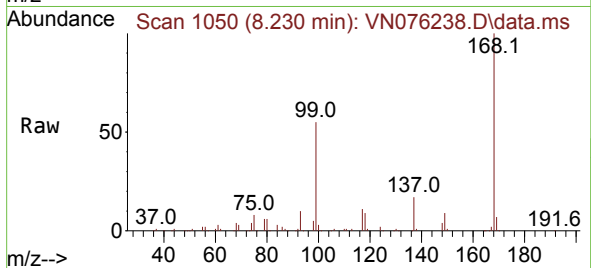
Lab File: VN076238.D

Acq: 13 Jan 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :



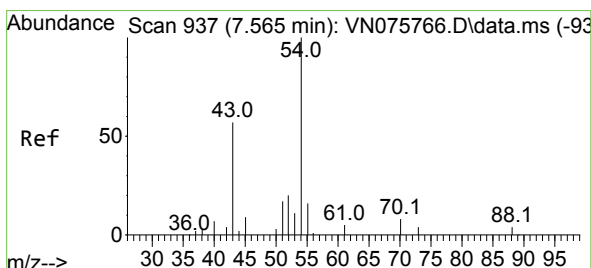
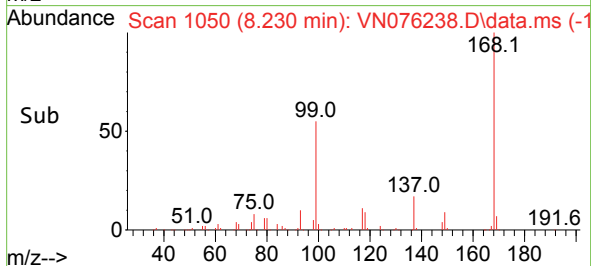
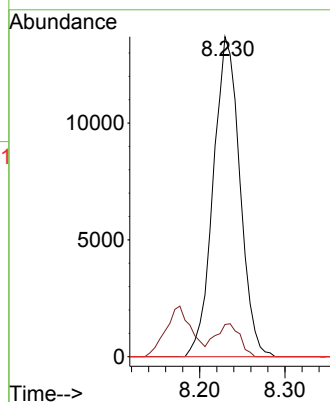
Tgt Ion: 75 Resp: 29738

Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.487 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN076238.D

Acq: 13 Jan 2023 10:52

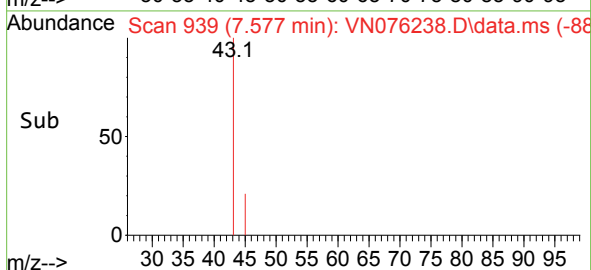
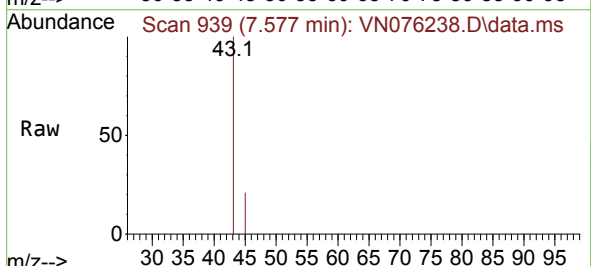
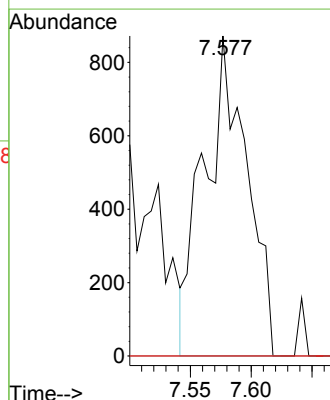
Tgt Ion: 43 Resp: 2125

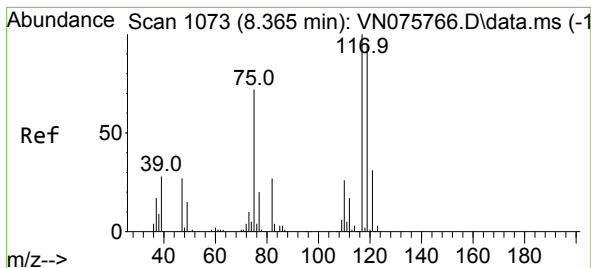
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.785 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

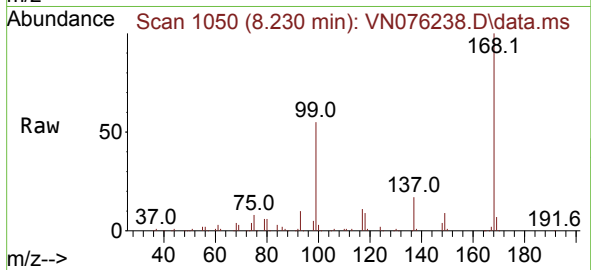
Lab File: VN076238.D

Acq: 13 Jan 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :



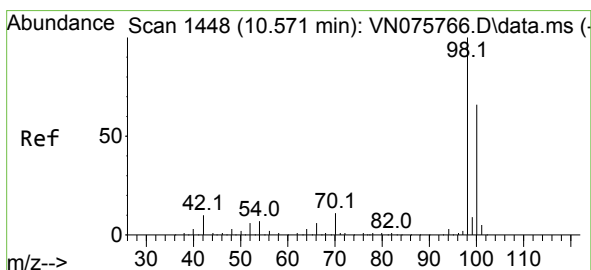
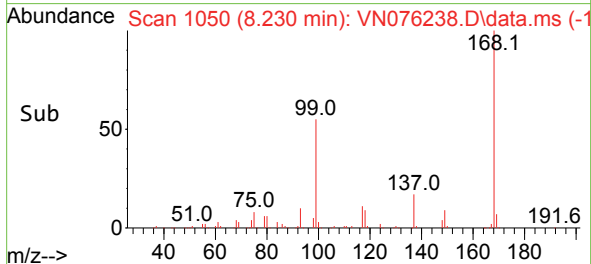
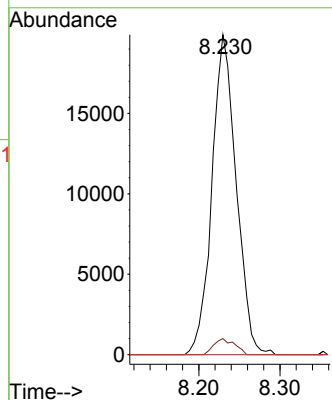
Tgt Ion:117 Resp: 41285

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 49.373 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076238.D

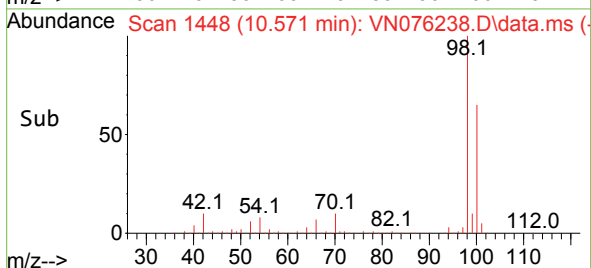
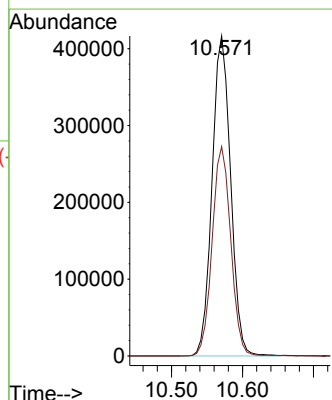
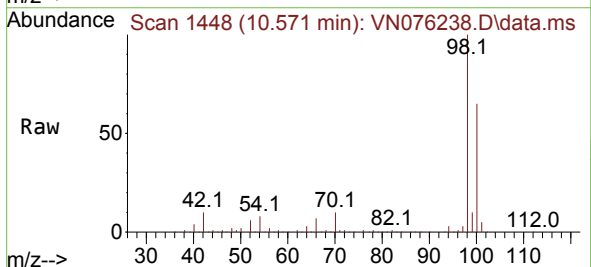
Acq: 13 Jan 2023 10:52

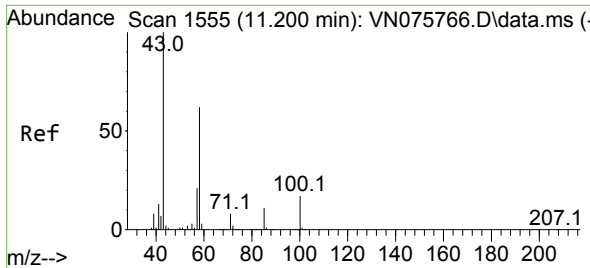
Tgt Ion: 98 Resp: 755510

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1

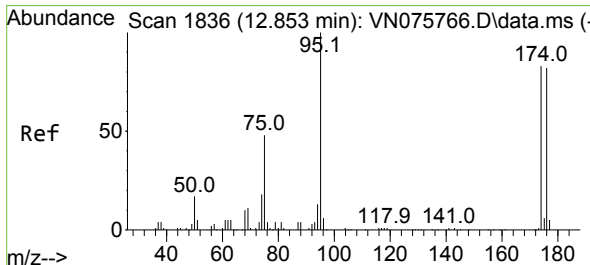
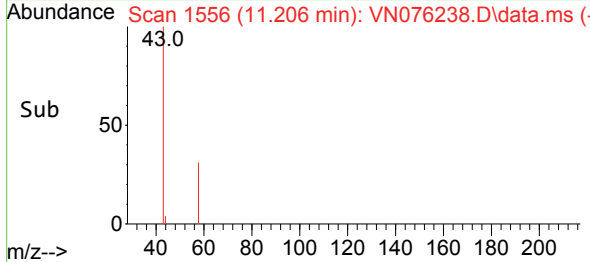
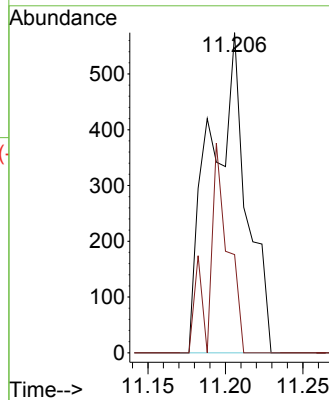
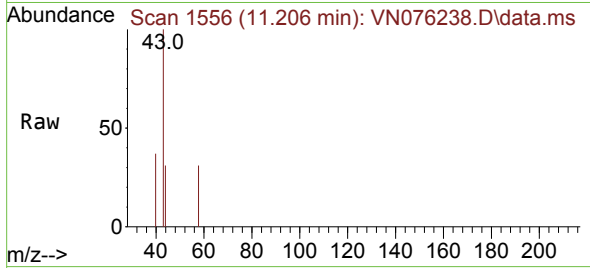




#59
2-Hexanone
Concen: 0.291 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

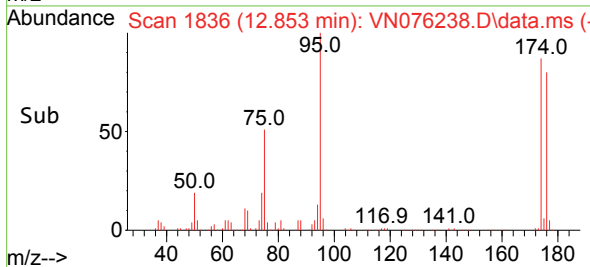
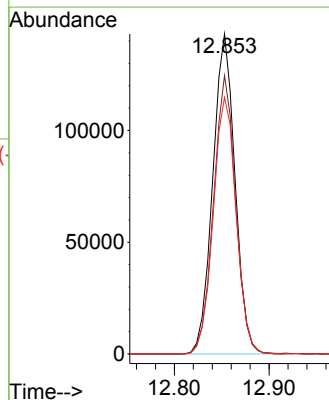
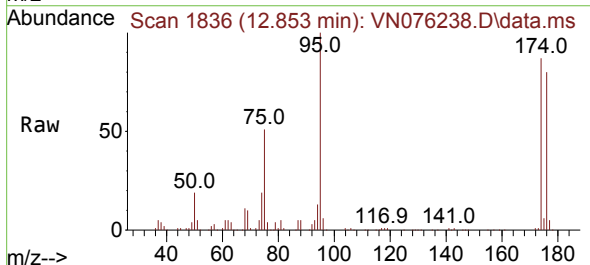
Instrument :
MSVOA_N
ClientSampleId :

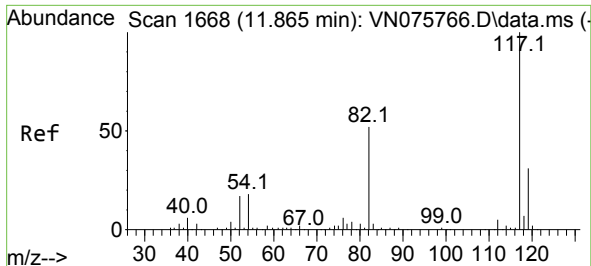
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 34.6 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 46.057 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion: 95 Resp: 233424
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.6 0.0 169.2

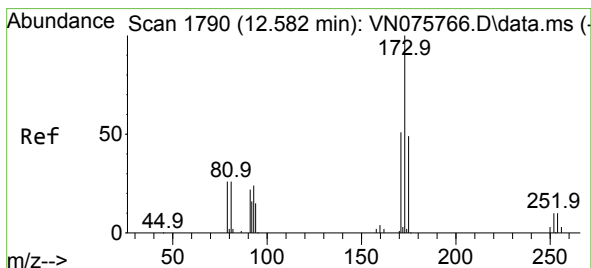
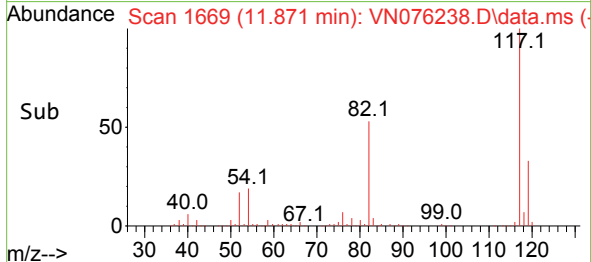
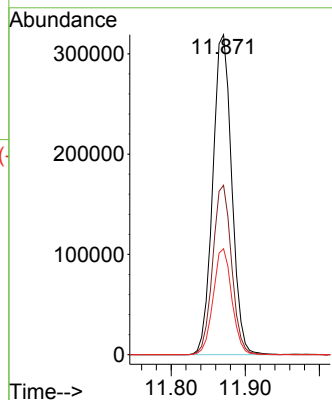
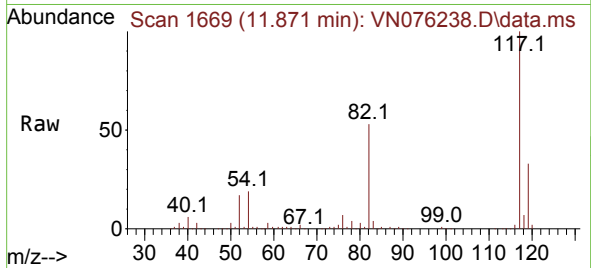




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

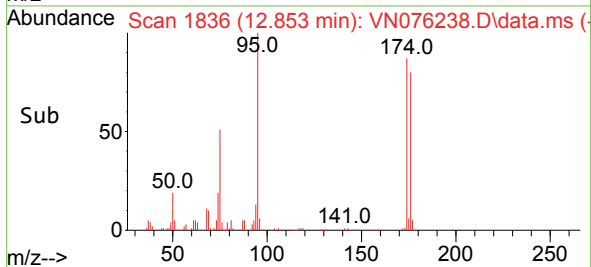
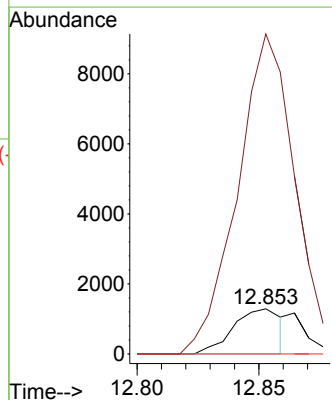
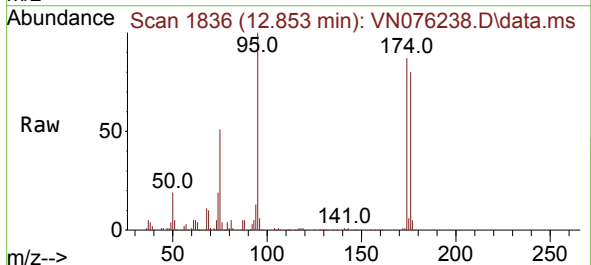
Instrument :
MSVOA_N
ClientSampleId :

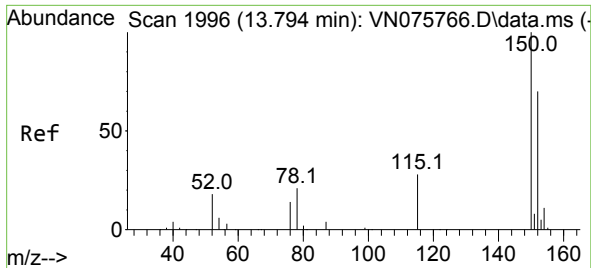
Tgt Ion:117 Resp: 567681
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 33.1 24.6 37.0



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Tgt Ion:173 Resp: 1771
Ion Ratio Lower Upper
173 100
175 666.7 24.3 72.8#
254 0.0 0.0 0.0

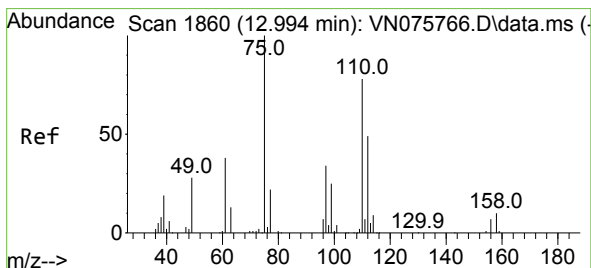
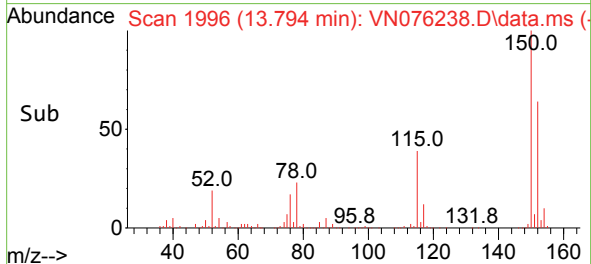
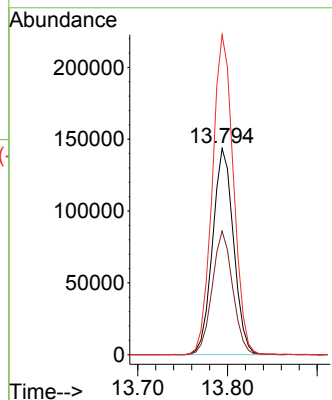
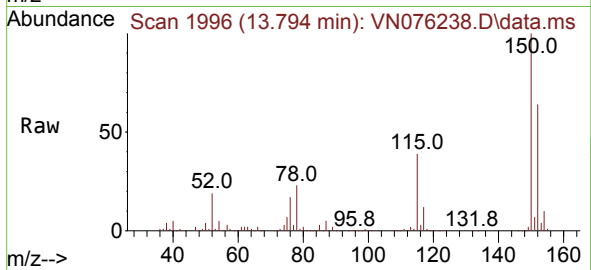




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076238.D
 Acq: 13 Jan 2023 10:52

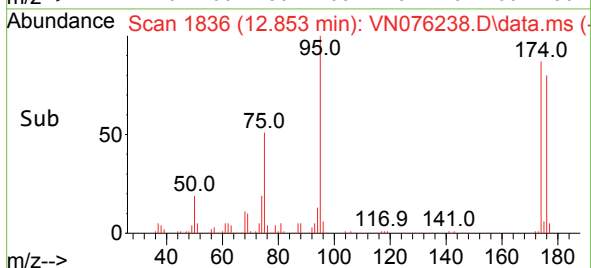
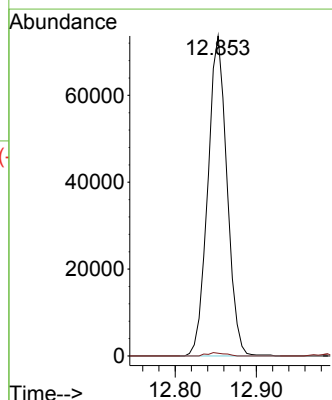
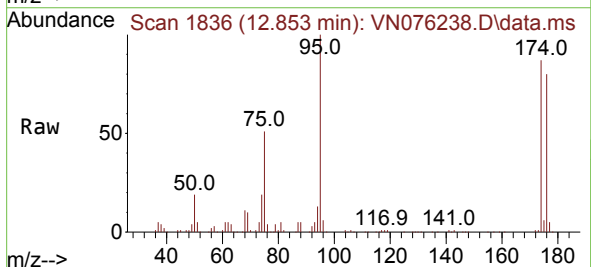
Instrument :
 MSVOA_N
 ClientSampleId :

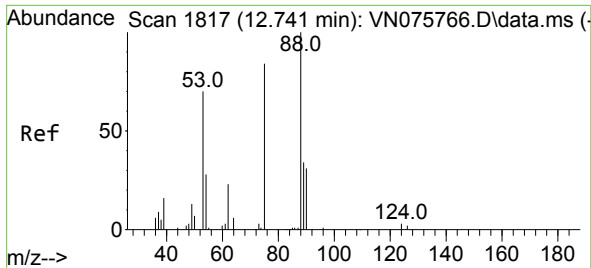
Tgt Ion:152 Resp: 233276
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.1 87.4
 150 156.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.699 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076238.D
 Acq: 13 Jan 2023 10:52

Tgt Ion: 75 Resp: 120845
 Ion Ratio Lower Upper
 75 100
 77 1.0 82.6 247.8#

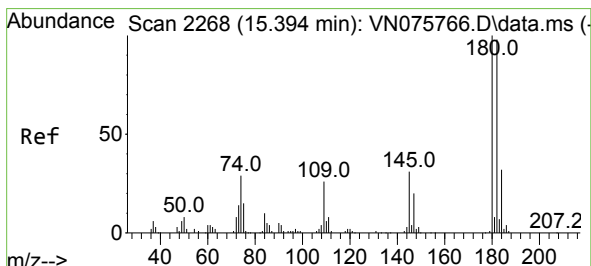
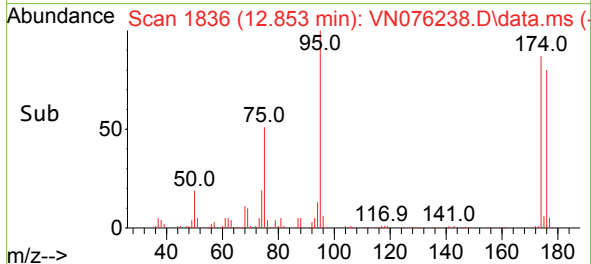
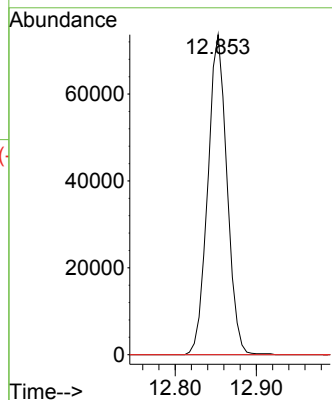
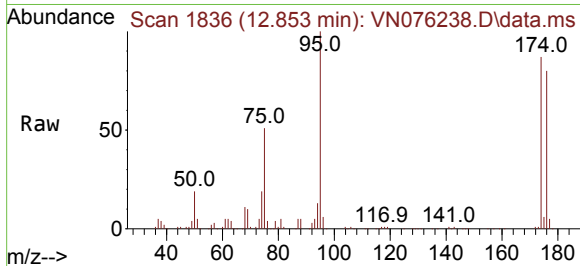




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.504 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN076238.D
 Acq: 13 Jan 2023 10:52

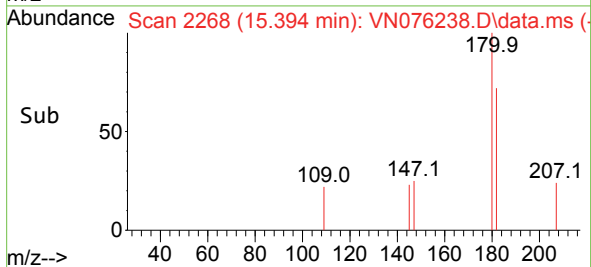
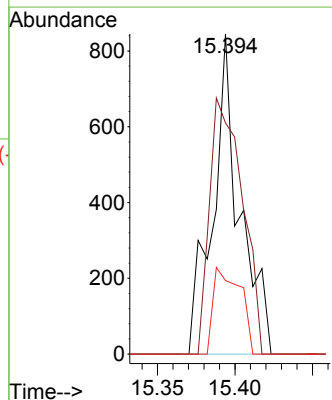
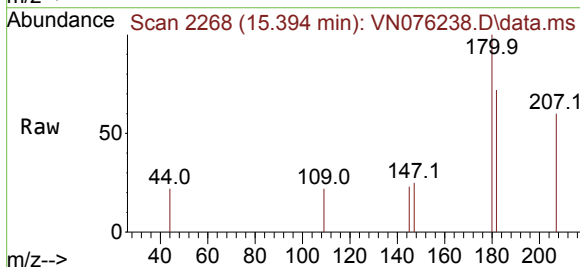
Instrument :
 MSVOA_N
 ClientSampleId :

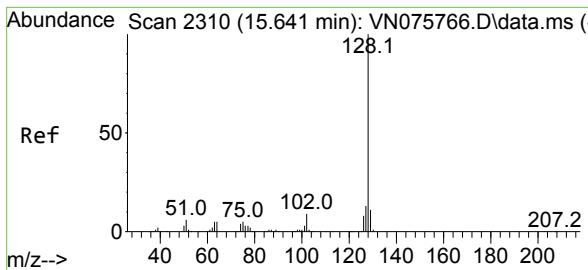
Tgt Ion: 75 Resp: 120845
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 39.5 59.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.266 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: VN076238.D
 Acq: 13 Jan 2023 10:52

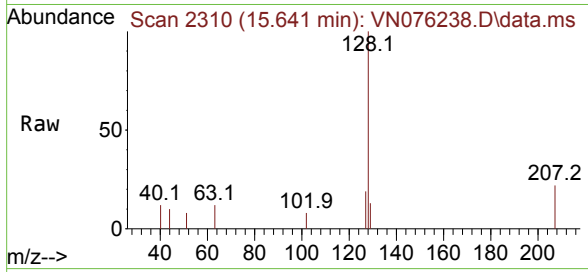
Tgt Ion:180 Resp: 1023
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.5 142.5
 145 27.0 15.3 45.8





#95
Naphthalene
Concen: 2.515 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076238.D
Acq: 13 Jan 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	4480
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.4	15.6#
129	7.3	8.7	13.1#

