

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079047.D
 Acq On : 25 Aug 2023 11:39
 Operator : JC\MD
 Sample : VN0825WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 23:02:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

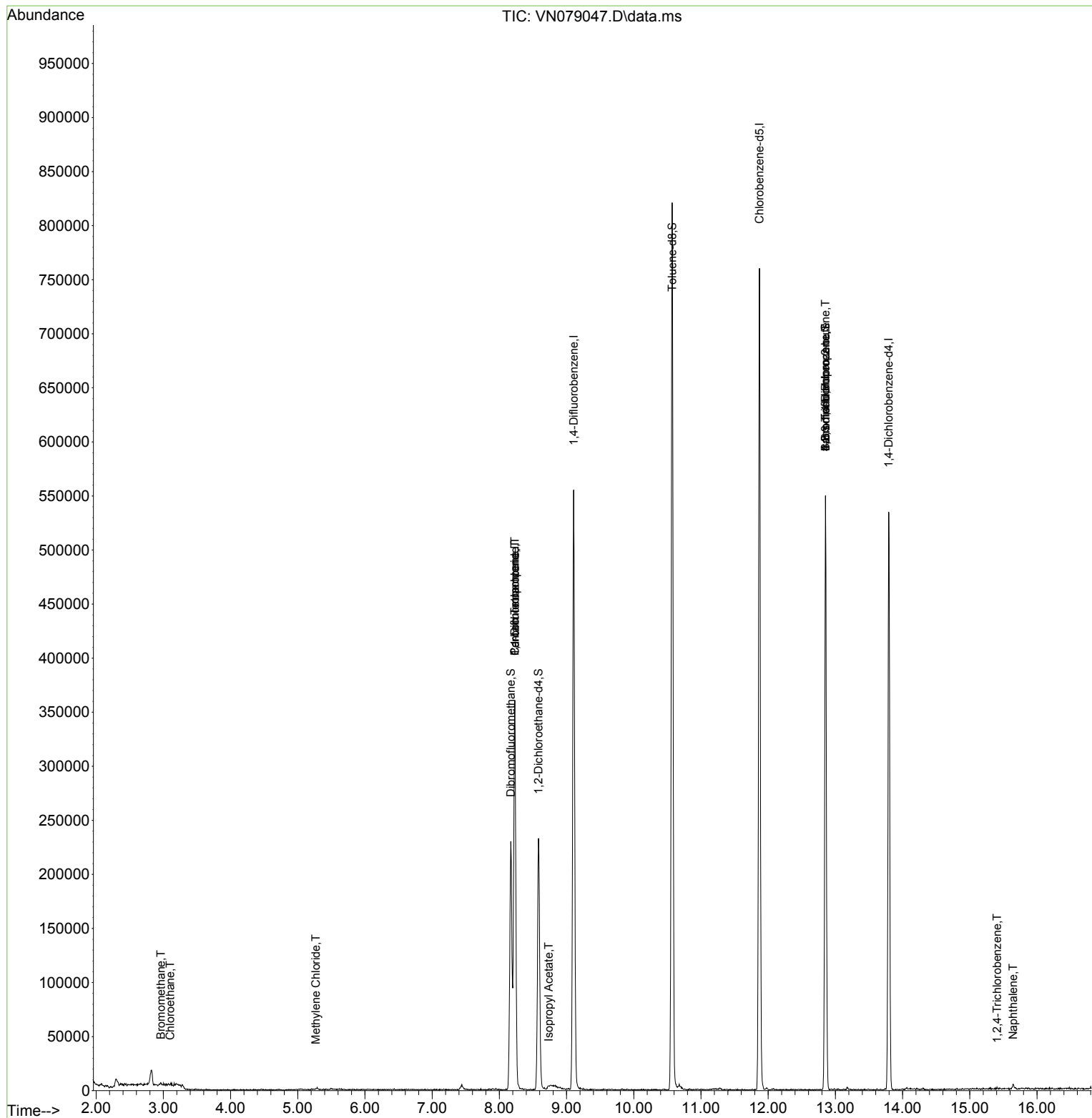
Internal Standards						
1) Pentafluorobenzene	8.230	168	259259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	461635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	424250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186019	46.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.220%
35) Dibromofluoromethane	8.171	113	155650	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.571	98	550452	47.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.853	95	174691	46.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	523	0.207	ug/l #	57
6) Chloroethane	3.100	64	643	0.209	ug/l #	43
20) Methylene Chloride	5.271	84	925	0.261	ug/l #	53
31) Cyclohexane	8.235	56	6651	Below Cal	#	61
36) 1,1-Dichloropropene	8.230	75	21210	4.537	ug/l #	50
38) Carbon Tetrachloride	8.230	117	27499	5.871	ug/l #	15
43) Isopropyl Acetate	8.735	43	1949	0.211	ug/l #	49
71) Bromoform	12.853	173	1398	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97737	28.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97737	73.610	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.406	180	367	0.214	ug/l #	55
95) Naphthalene	15.647	128	4159	3.183	ug/l #	94

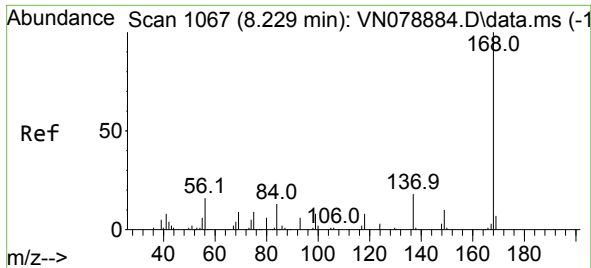
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
Data File : VN079047.D
Acq On : 25 Aug 2023 11:39
Operator : JC\MD
Sample : VN0825WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 25 23:02:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

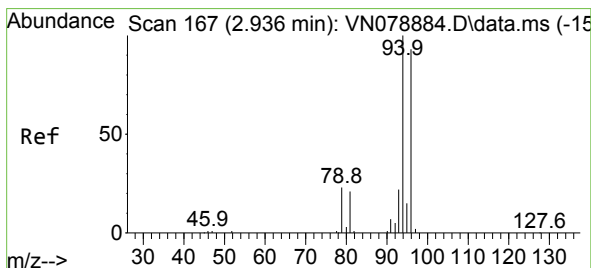
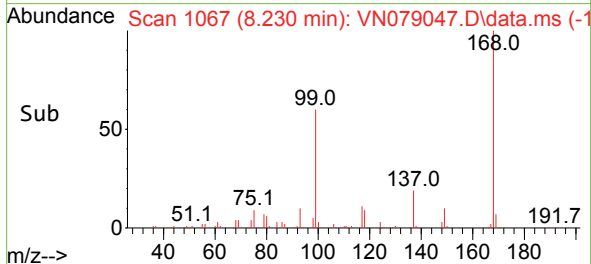
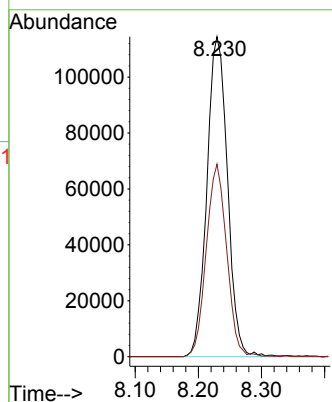
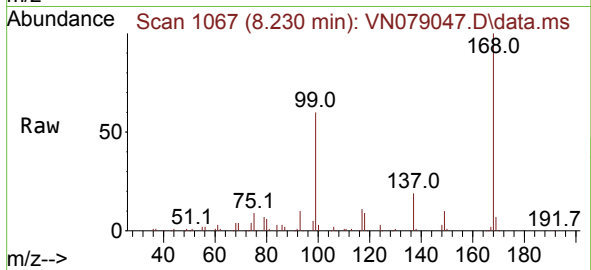




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

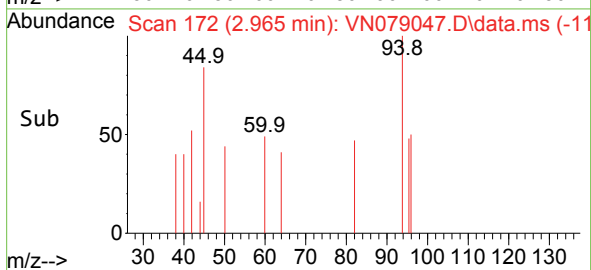
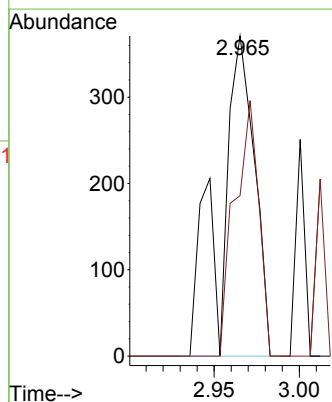
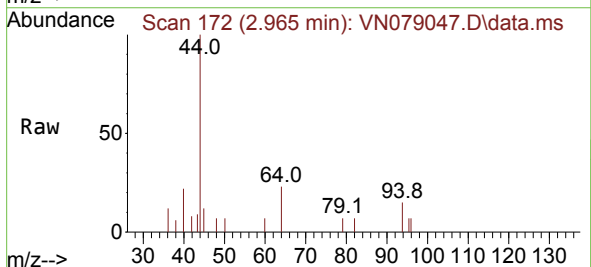
Instrument :
MSVOA_N
ClientSampleId :

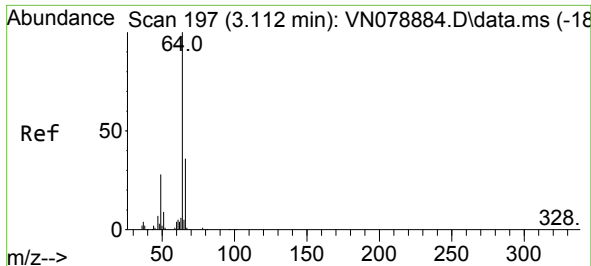
Tgt Ion:168 Resp: 259259
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#5
Bromomethane
Concen: 0.207 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 50.1 73.1 109.7#

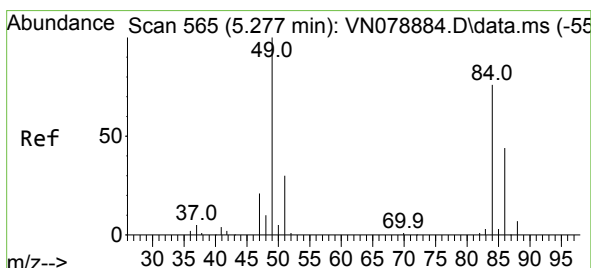
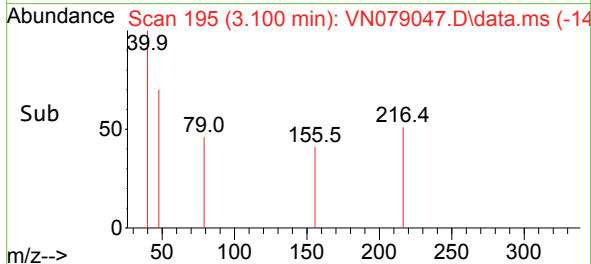
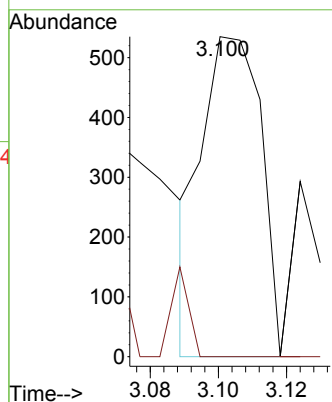
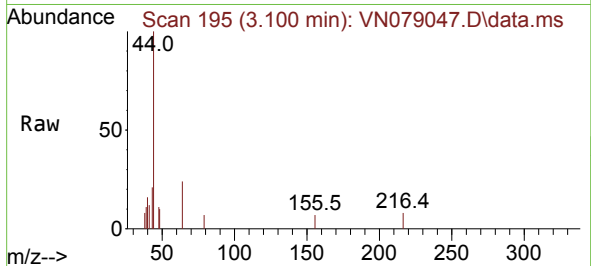




#6
Chloroethane
Concen: 0.209 ug/l
RT: 3.100 min Scan# 197
Delta R.T. -0.018 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

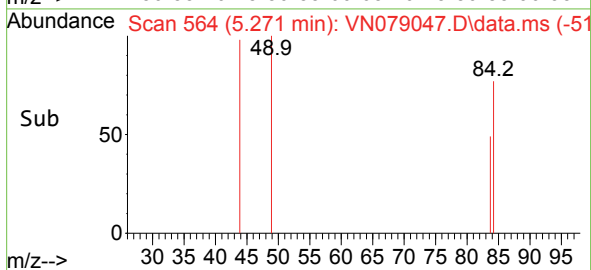
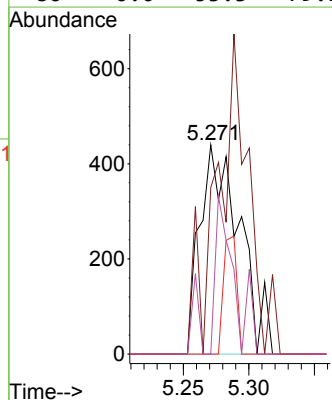
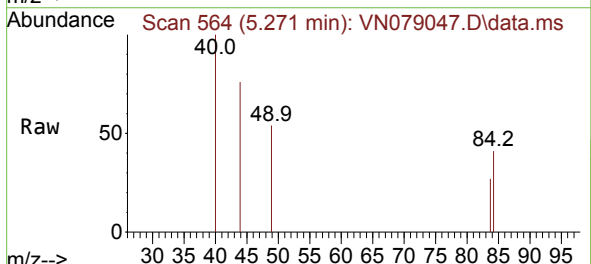
Instrument :
MSVOA_N
ClientSampleId :

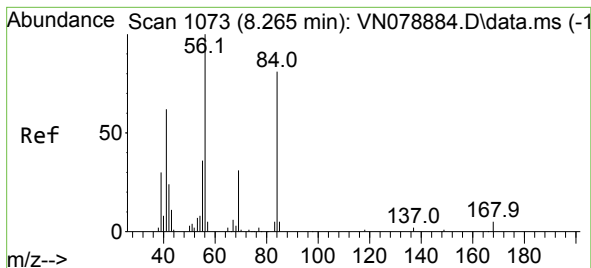
Tgt Ion: 64 Resp: 643
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

Tgt Ion: 84 Resp: 925
Ion Ratio Lower Upper
84 100
49 79.5 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#





#31

Cyclohexane

Concen: Below Cal

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

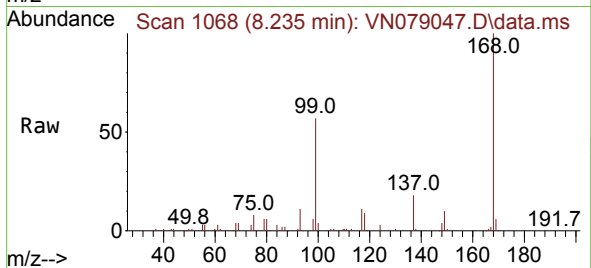
Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :



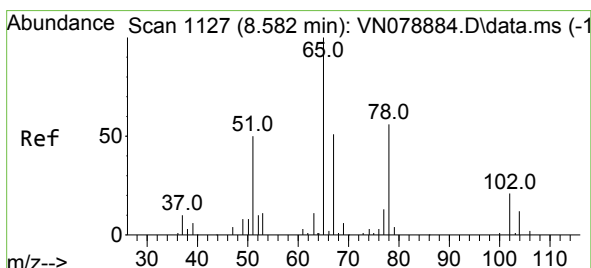
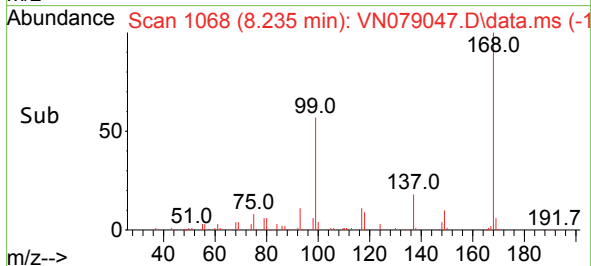
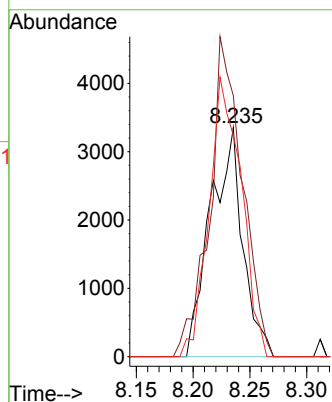
Tgt Ion: 56 Resp: 6651

Ion Ratio Lower Upper

56 100

69 114.0 26.8 40.2#

84 96.7 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 46.109 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079047.D

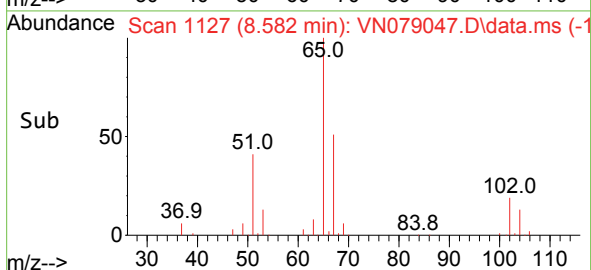
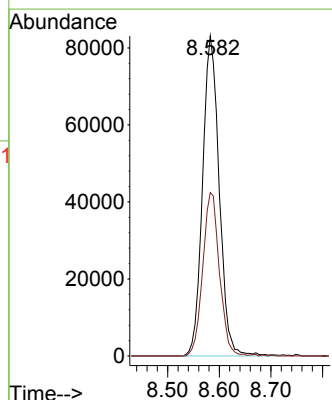
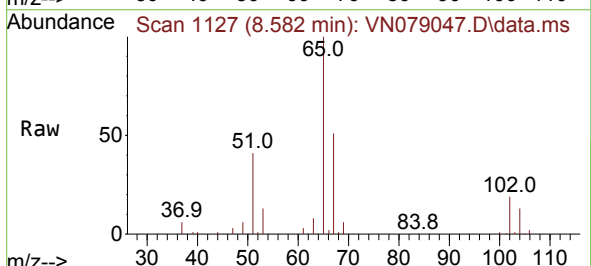
Acq: 25 Aug 2023 11:39

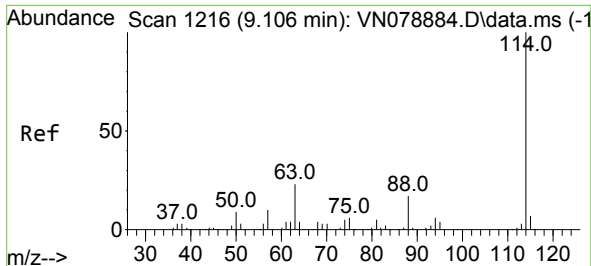
Tgt Ion: 65 Resp: 186019

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

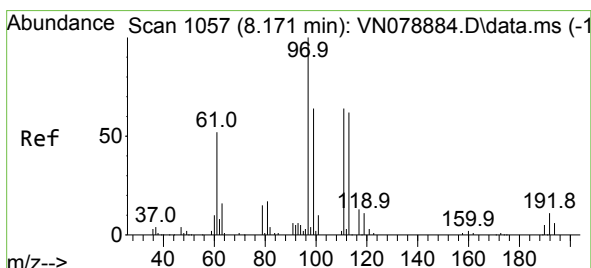
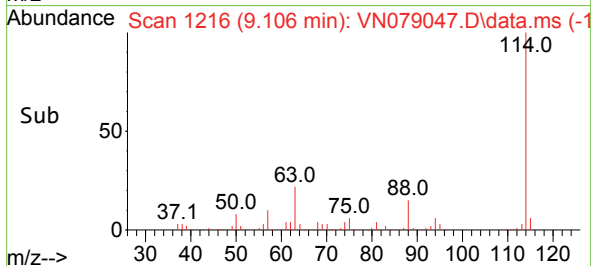
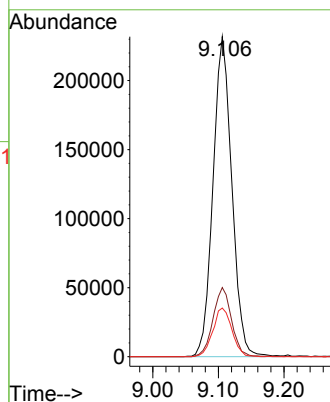
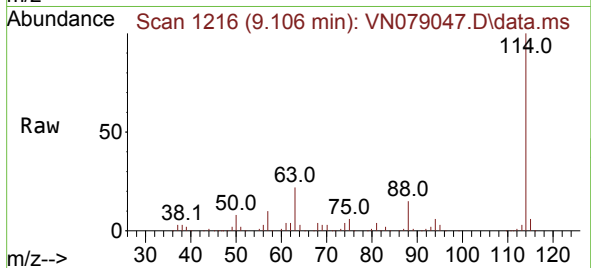
Tgt Ion:114 Resp: 461635

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

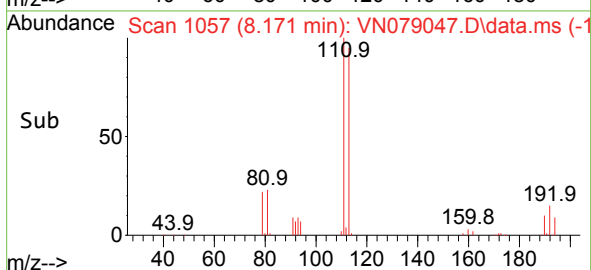
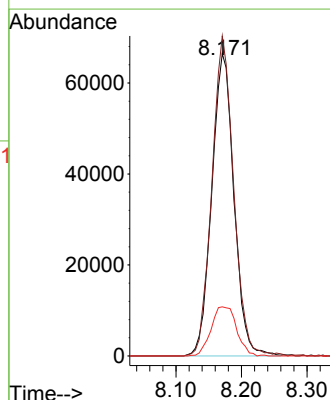
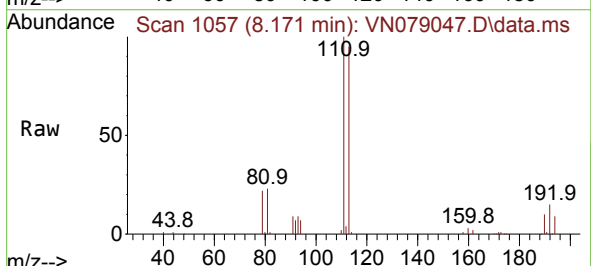
Tgt Ion:113 Resp: 155650

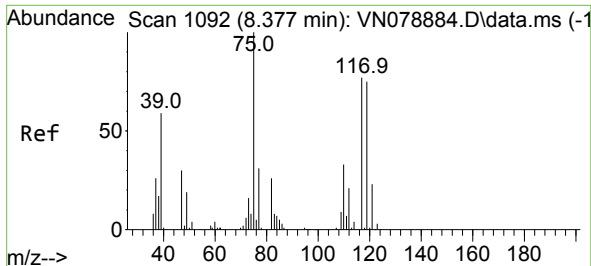
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.537 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

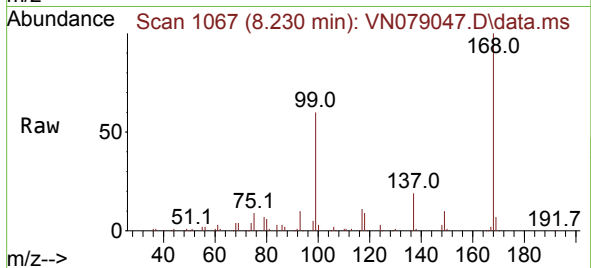
Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :



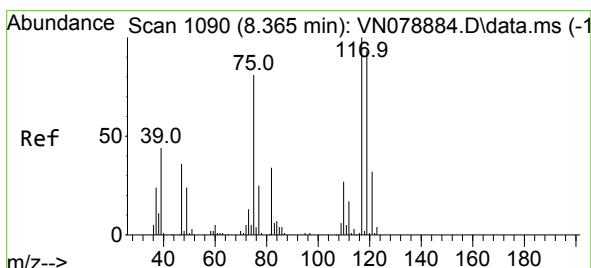
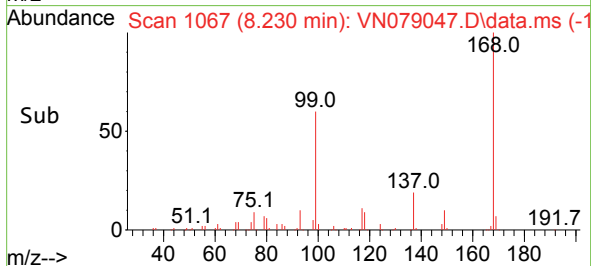
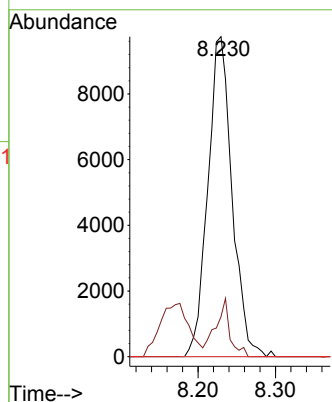
Tgt Ion: 75 Resp: 21210

Ion Ratio Lower Upper

75 100

110 10.8 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.871 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

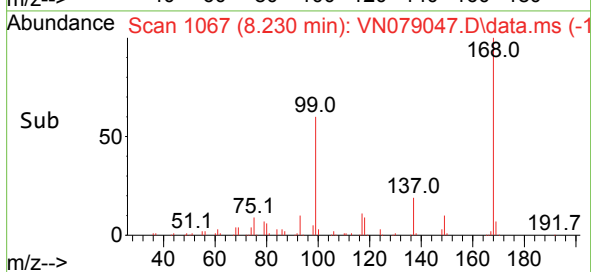
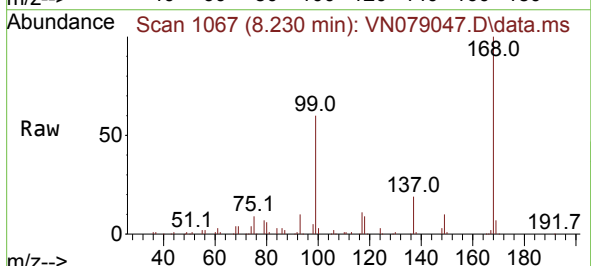
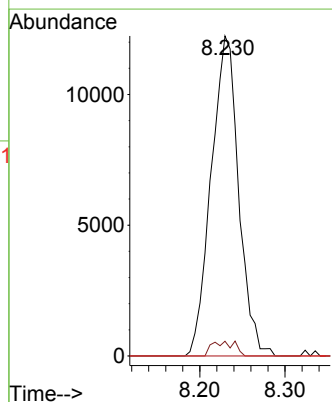
Tgt Ion: 117 Resp: 27499

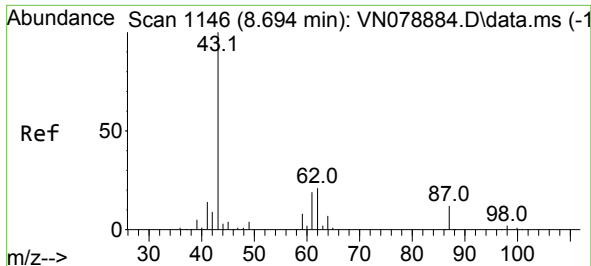
Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 23.3 34.9#

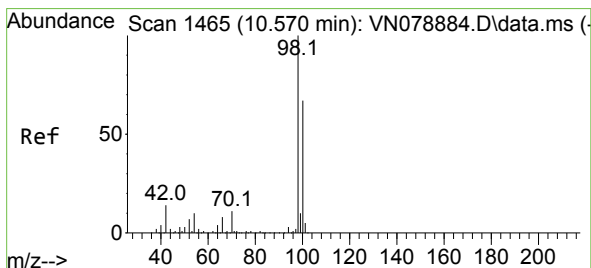
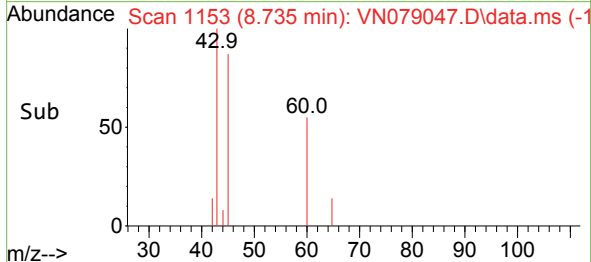
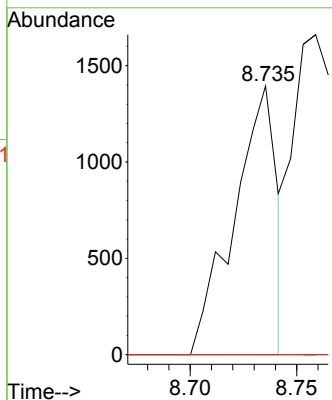
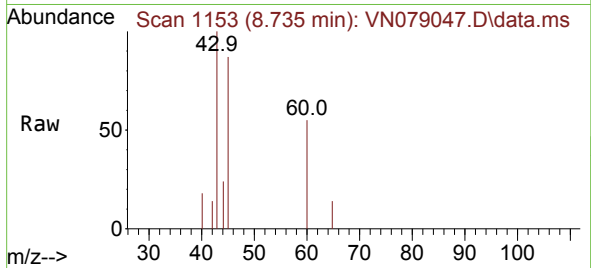




#43
Isopropyl Acetate
Concen: 0.211 ug/l
RT: 8.735 min Scan# 1146
Delta R.T. 0.041 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

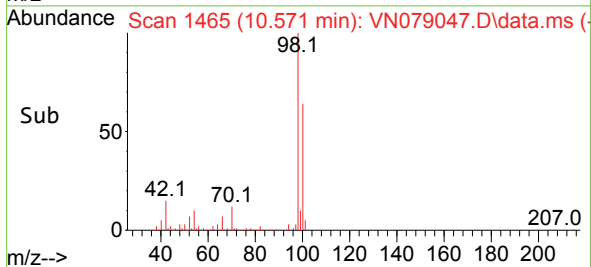
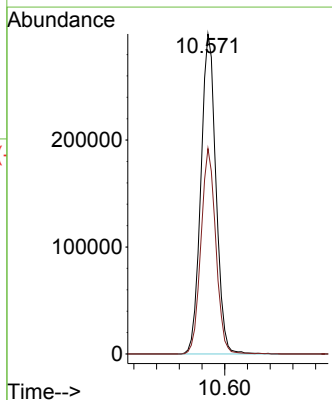
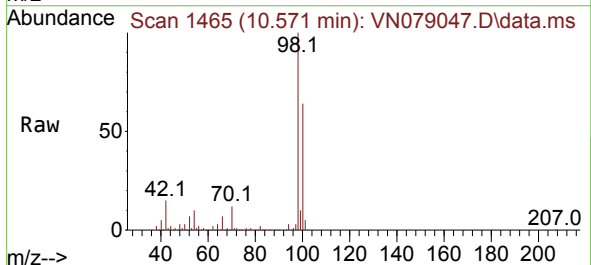
Instrument :
MSVOA_N
ClientSampleId :

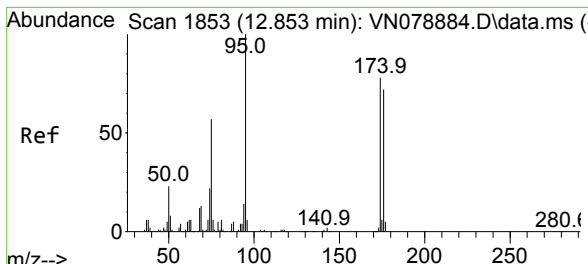
Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.706 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

Tgt Ion: 98 Resp: 550452
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

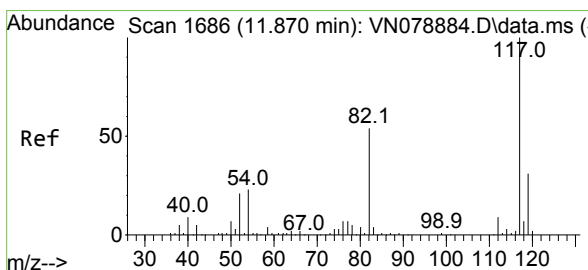
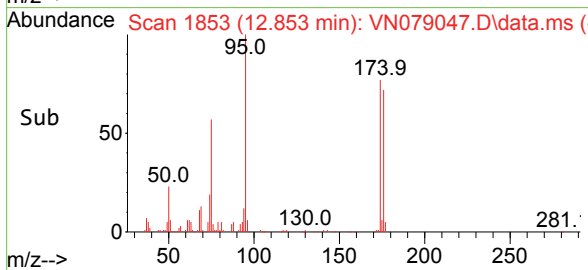
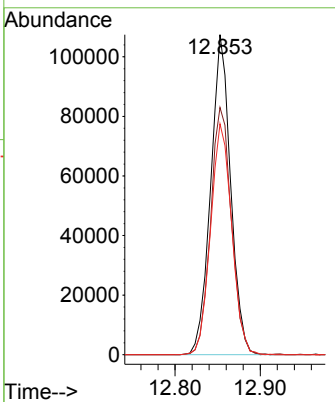
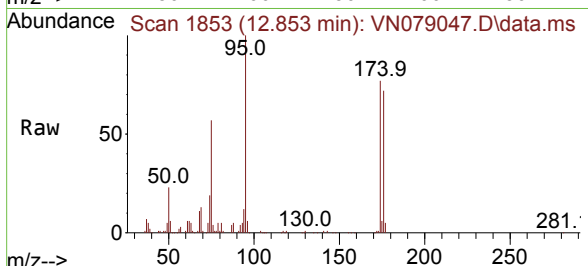




#62
 4-Bromofluorobenzene
 Concen: 46.320 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079047.D
 Acq: 25 Aug 2023 11:39

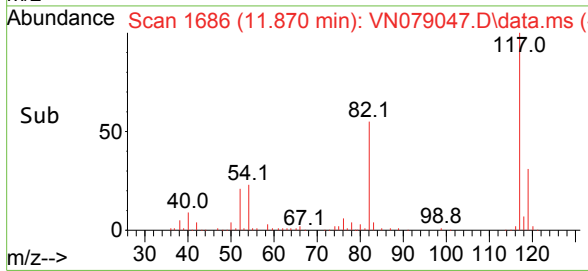
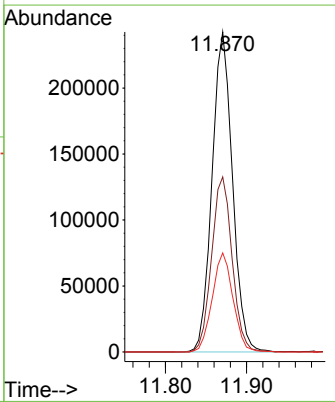
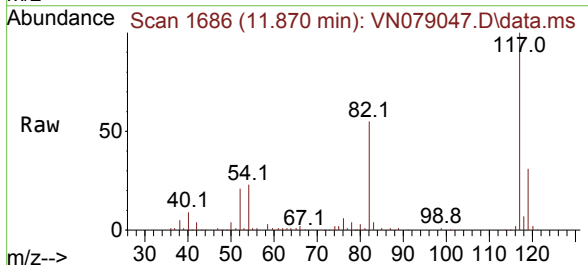
Instrument :
 MSVOA_N
 ClientSampleId :

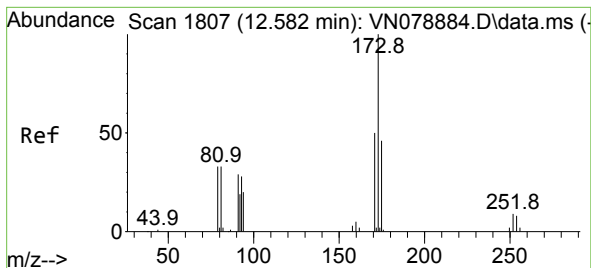
Tgt Ion:	95	Resp:	174691
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	143.8
176	76.5	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079047.D
 Acq: 25 Aug 2023 11:39

Tgt Ion:	117	Resp:	424250
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.0	66.0
119	30.9	25.6	38.4





#71

Bromoform

Concen: 0.563 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

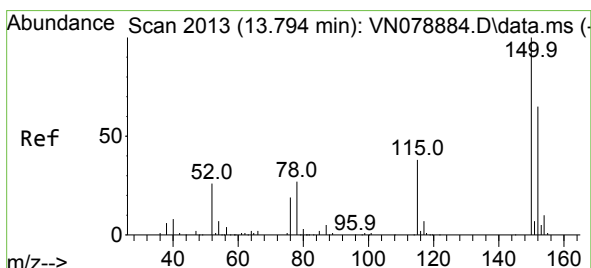
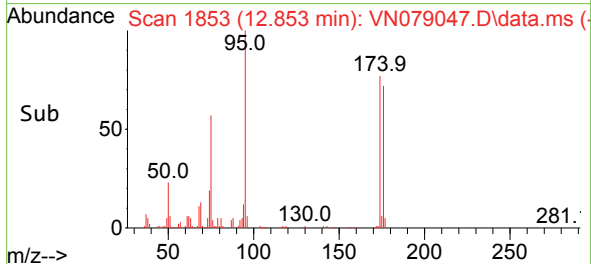
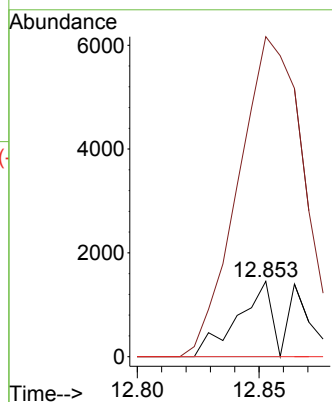
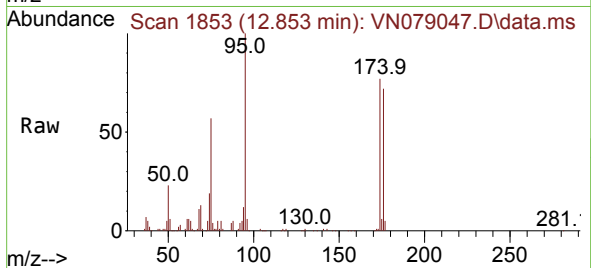
Tgt Ion:173 Resp: 1398

Ion Ratio Lower Upper

173 100

175 579.3 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079047.D

Acq: 25 Aug 2023 11:39

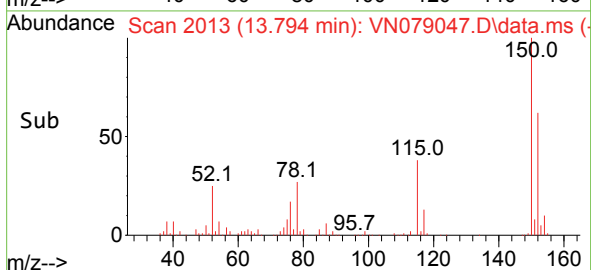
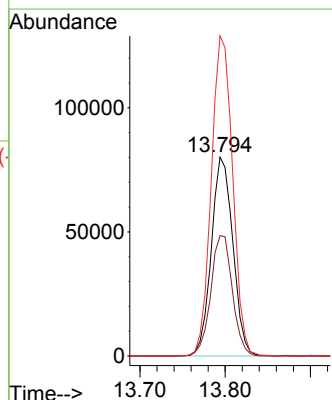
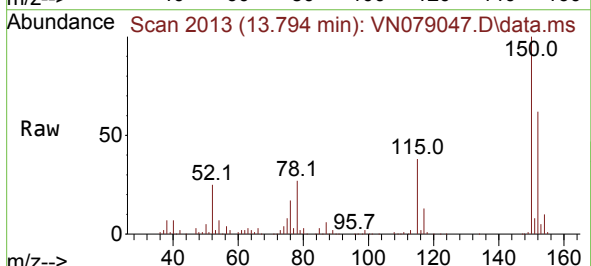
Tgt Ion:152 Resp: 140770

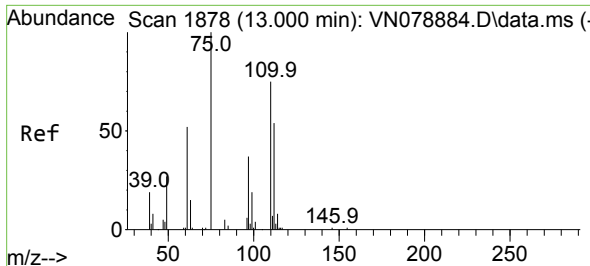
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 159.4 0.0 355.8

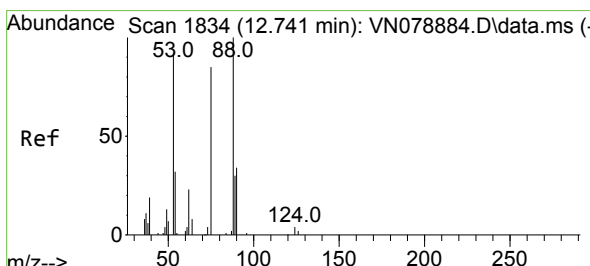
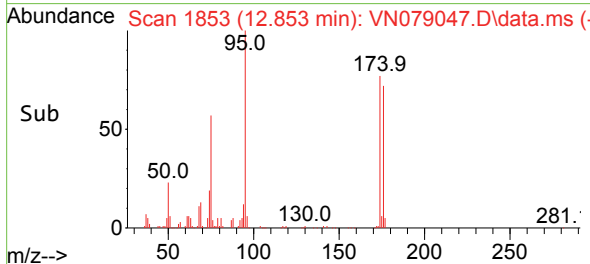
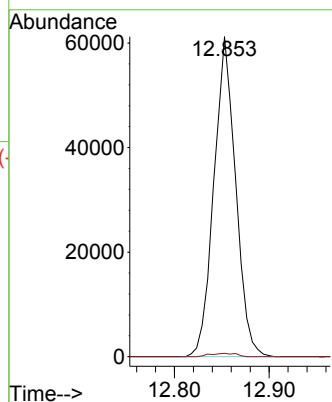
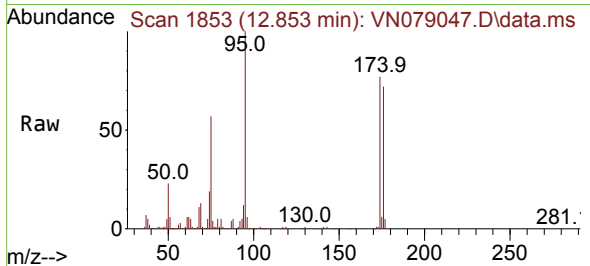




#76
1,2,3-Trichloropropane
Concen: 28.815 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

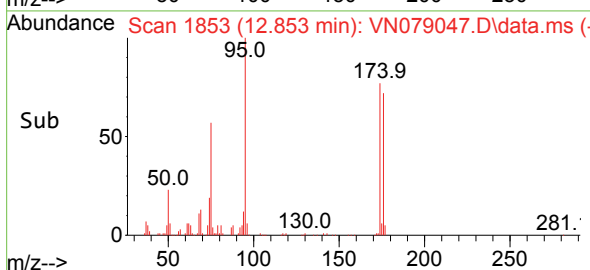
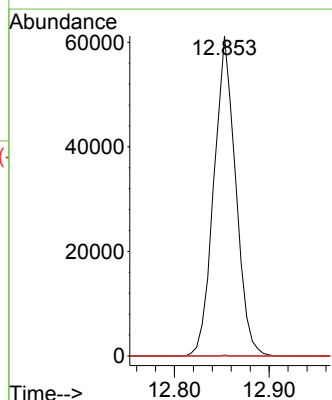
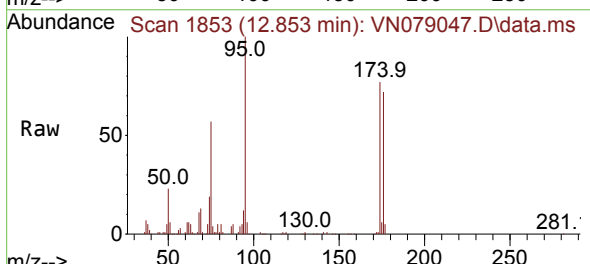
Instrument :
MSVOA_N
ClientSampleId :

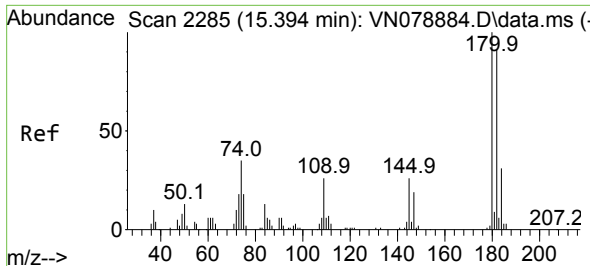
Tgt Ion: 75 Resp: 97737
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.610 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

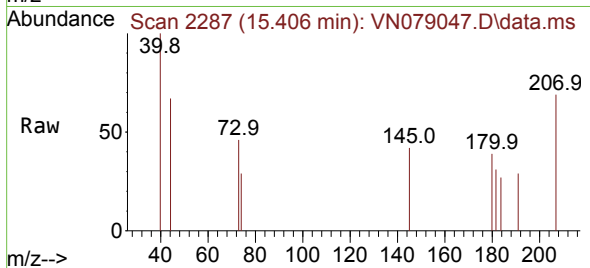
Tgt Ion: 75 Resp: 97737
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



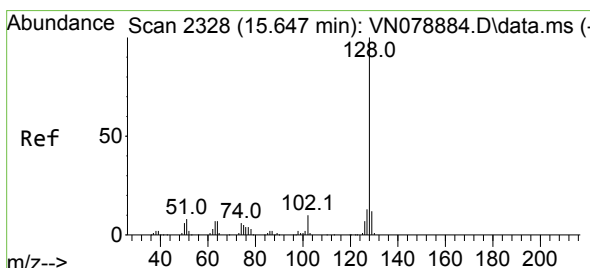
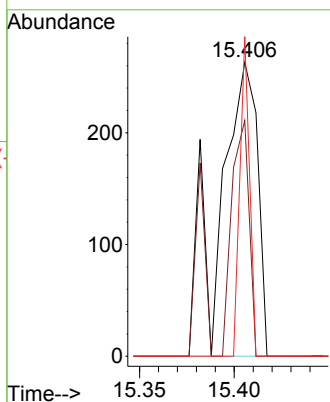
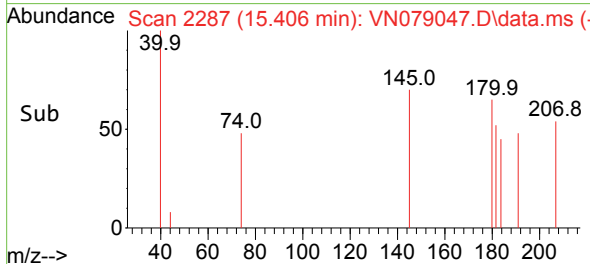


#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39

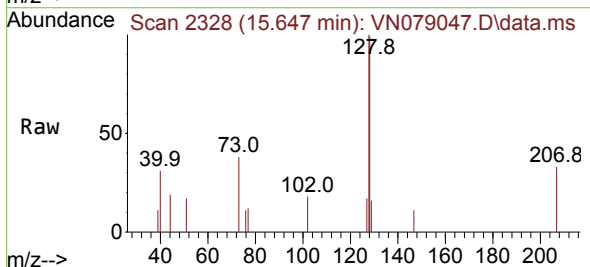
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 367
Ion Ratio Lower Upper
180 100
182 36.5 46.1 138.2#
145 27.5 16.6 49.8



#95
Naphthalene
Concen: 3.183 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079047.D
Acq: 25 Aug 2023 11:39



Tgt Ion:128 Resp: 4159
Ion Ratio Lower Upper
128 100
127 8.7 10.0 15.0#
129 9.9 8.7 13.1

