

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075955.D
 Acq On : 23 Dec 2022 10:27
 Operator : JC\MD
 Sample : VN1223WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBL01

Quant Time: Dec 26 04:29:21 2022
 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)

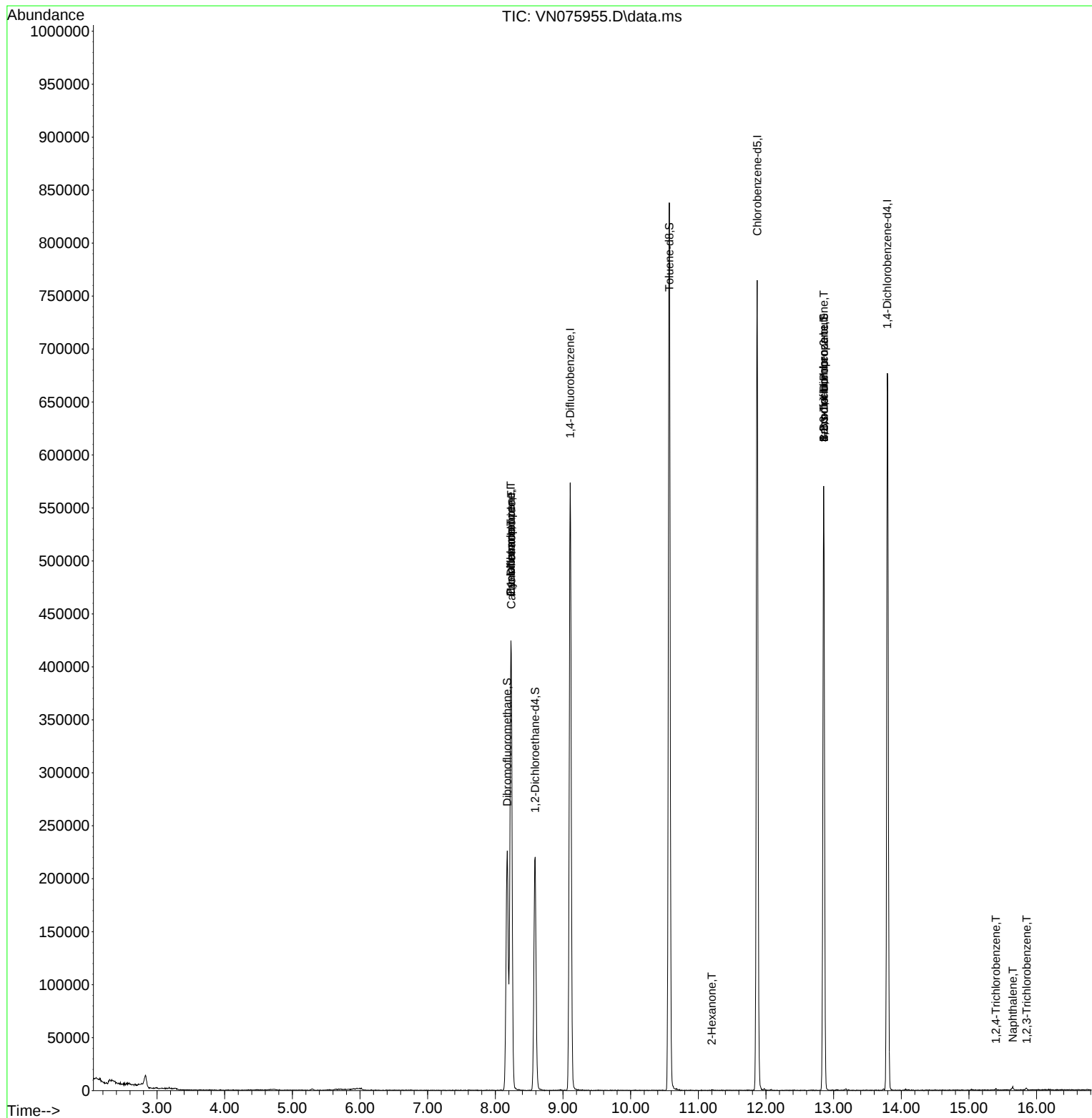
Internal Standards						
1) Pentafluorobenzene	8.230	168	332577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	457434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	176588	48.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	8.177	113	159476	48.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	10.571	98	604924	49.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.853	95	189580	46.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds			Qvalue			
20) Methylene Chloride	5.289	84	902	Below Cal	#	65
31) Cyclohexane	8.230	56	6525	1.259	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	23302	5.348	ug/l #	50
38) Carbon Tetrachloride	8.235	117	33088	6.785	ug/l #	16
59) 2-Hexanone	11.200	43	621	0.244	ug/l	61
71) Bromoform	12.853	173	1445	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94942	24.161	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94942	86.968	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	684	0.213	ug/l #	80
95) Naphthalene	15.647	128	3066	2.454	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.853	180	979	0.326	ug/l #	90

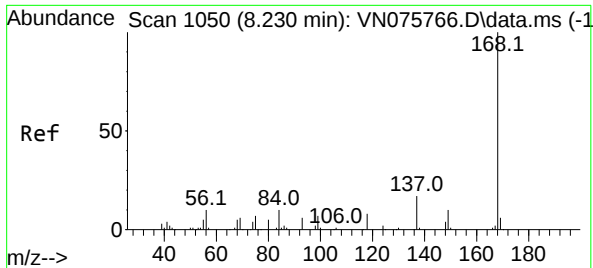
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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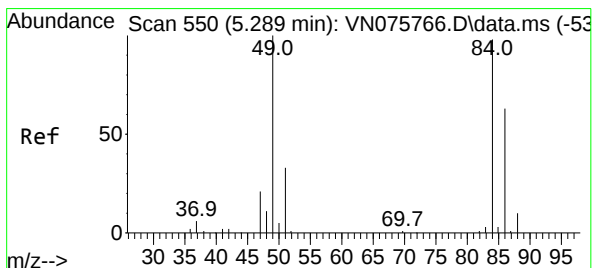
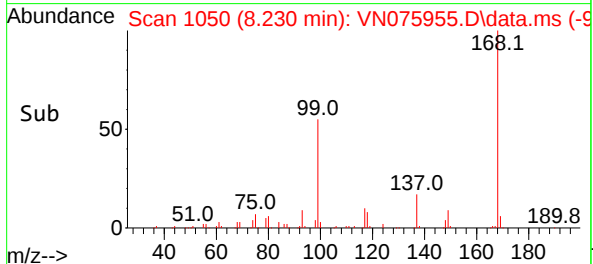
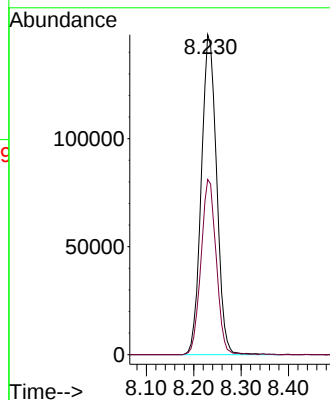
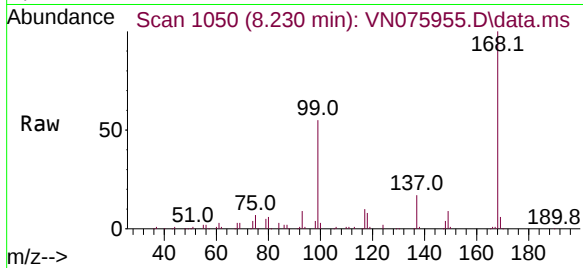




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

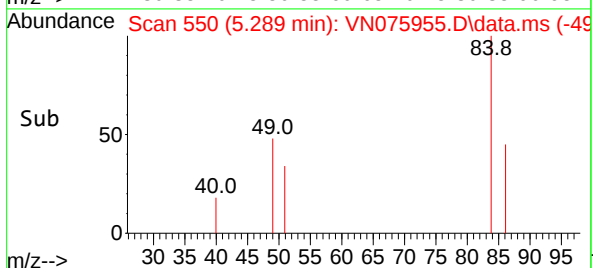
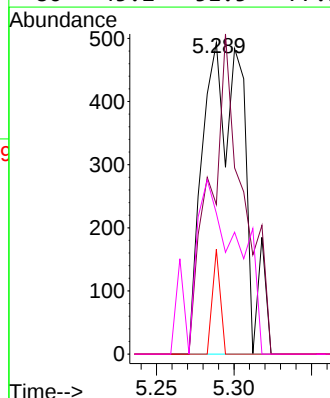
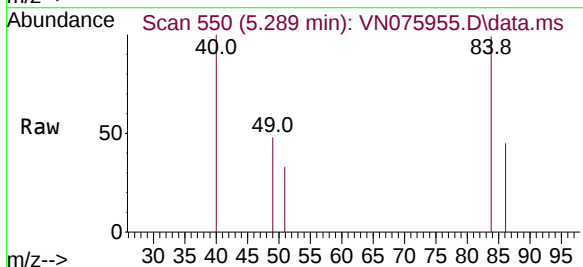
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

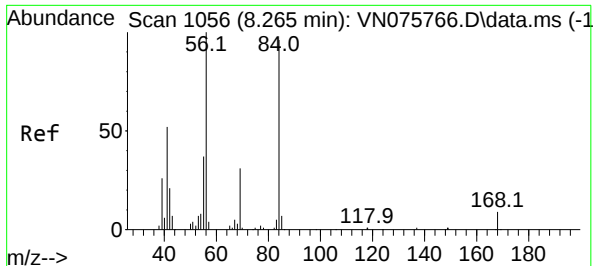
Tgt Ion:168 Resp: 332577
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 48.1 81.8 122.6#
51 33.7 26.7 40.1
86 45.2 51.5 77.3#

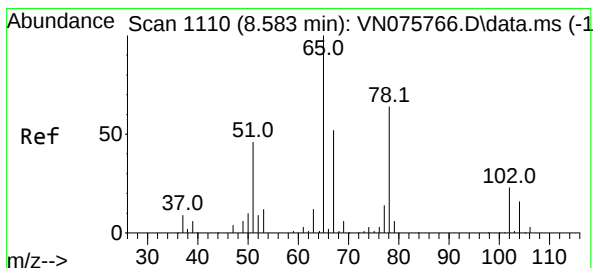
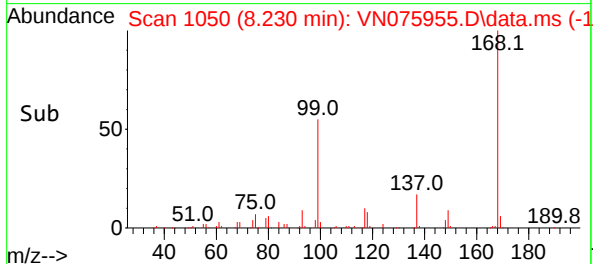
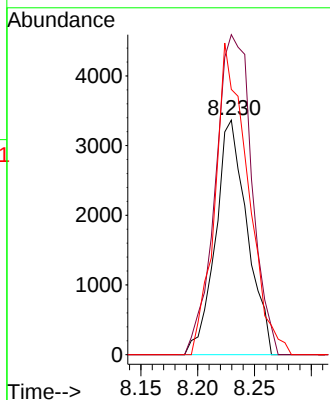
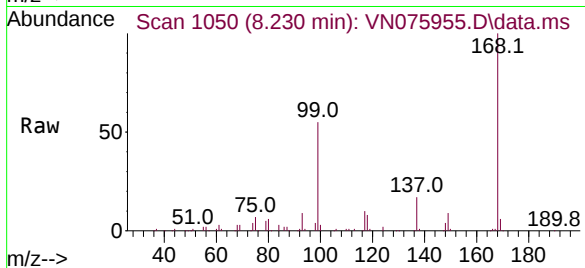




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

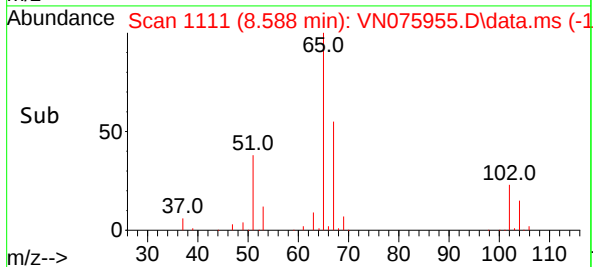
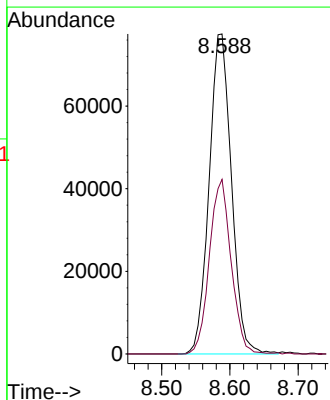
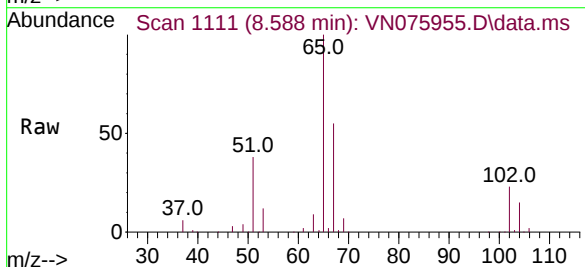
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

Tgt Ion: 56 Resp: 6525
Ion Ratio Lower Upper
56 100
69 136.4 24.7 37.1#
84 113.1 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 48.806 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 65 Resp: 176588
Ion Ratio Lower Upper
65 100
67 53.2 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: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

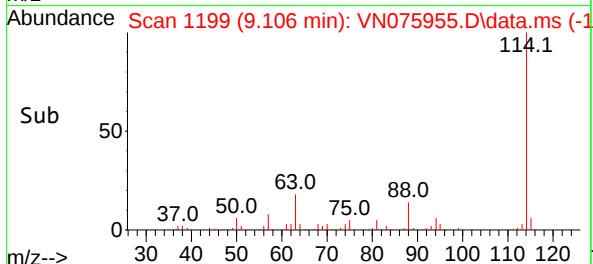
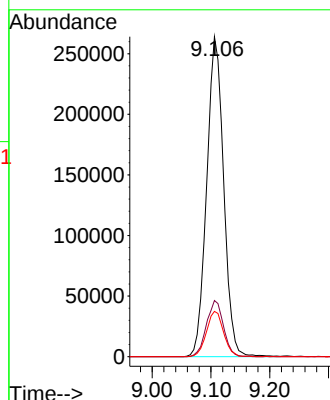
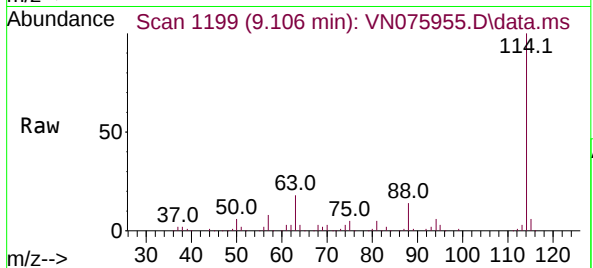
Tgt Ion:114 Resp: 529605

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

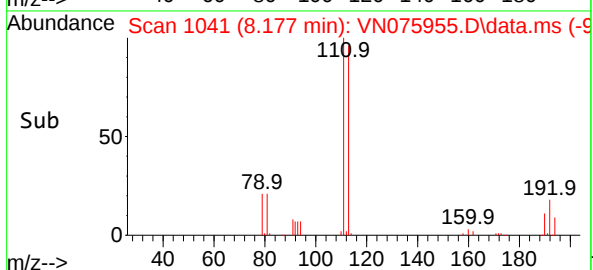
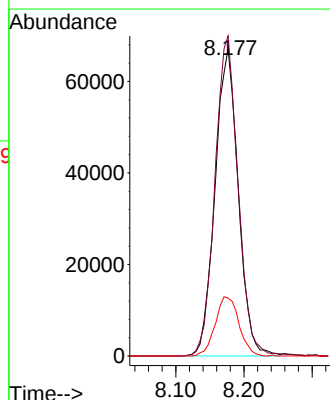
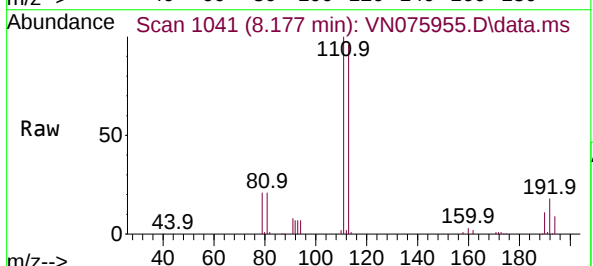
Tgt Ion:113 Resp: 159476

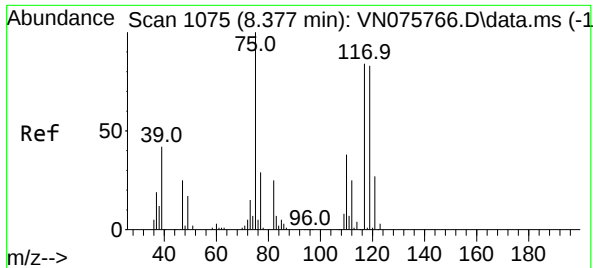
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.348 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

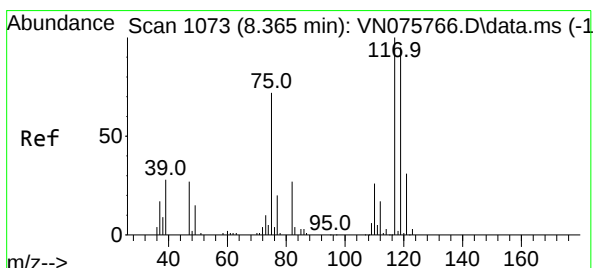
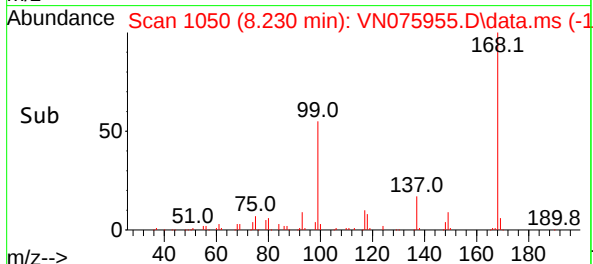
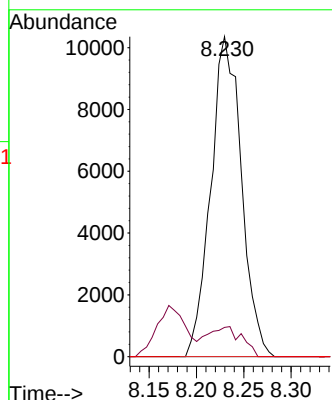
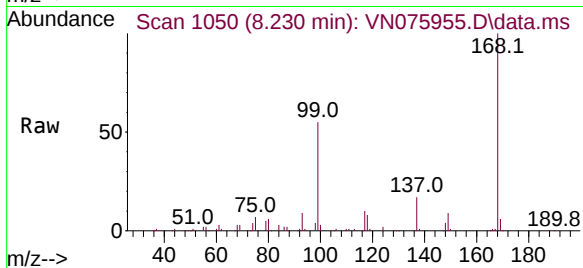
Tgt Ion: 75 Resp: 23302

Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.785 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.129 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

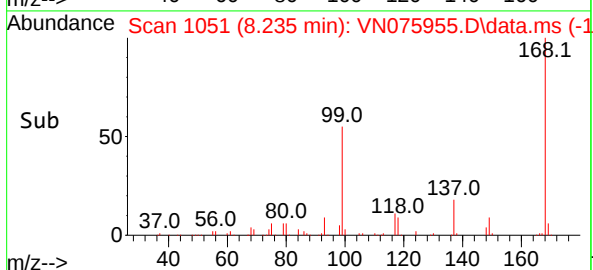
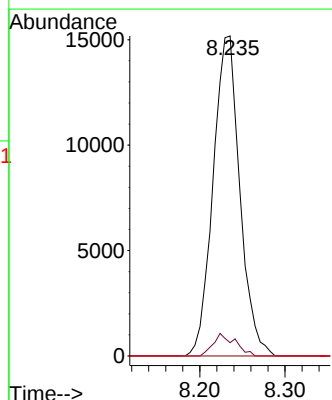
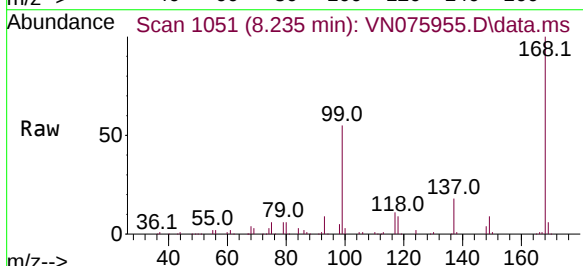
Tgt Ion: 117 Resp: 33088

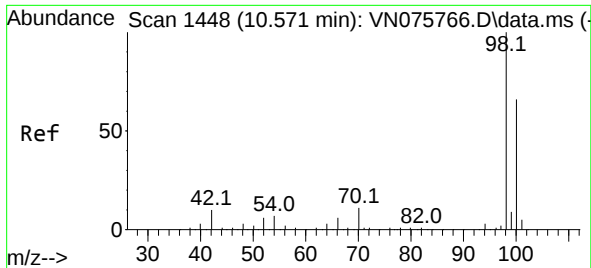
Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

121 0.0 24.5 36.7#

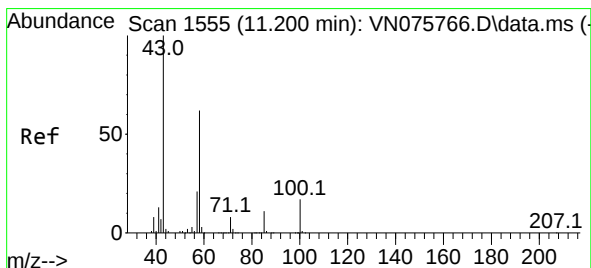
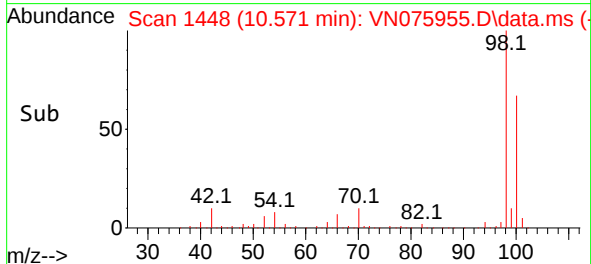
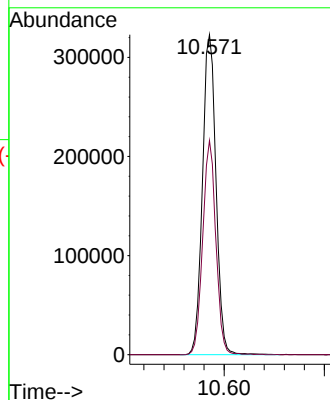
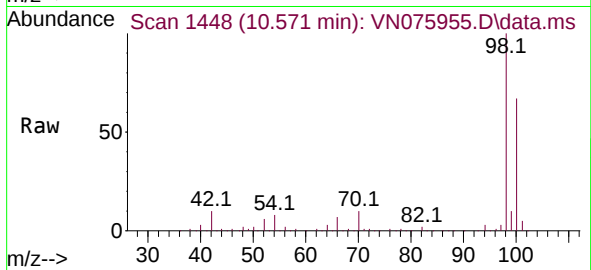




#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

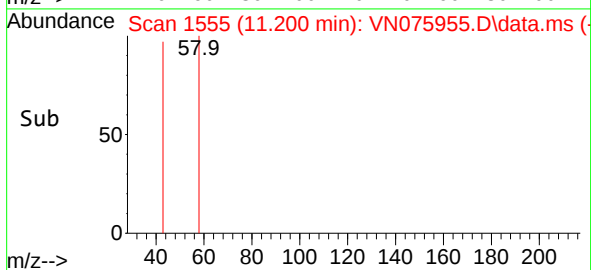
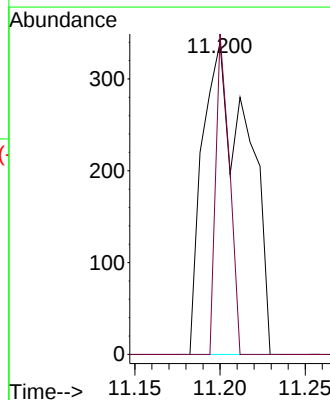
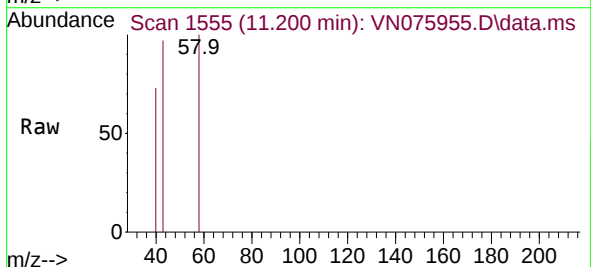
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

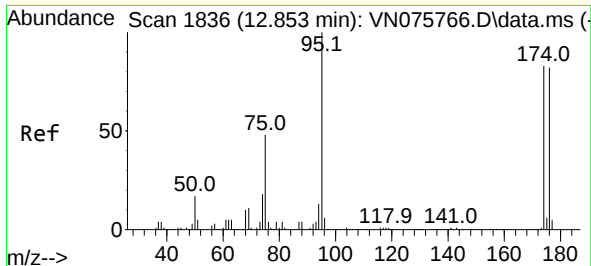
Tgt Ion: 98 Resp: 604924
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#59
2-Hexanone
Concen: 0.244 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 31.2 30.6 92.0

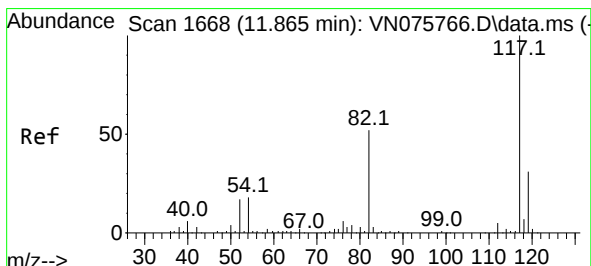
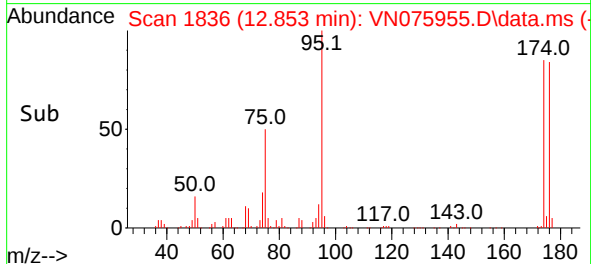
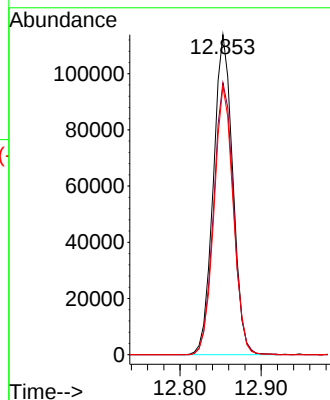
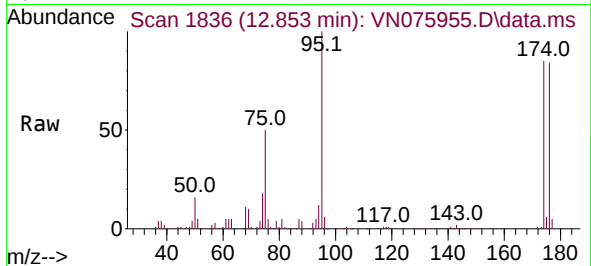




#62
4-Bromofluorobenzene
Concen: 46.677 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

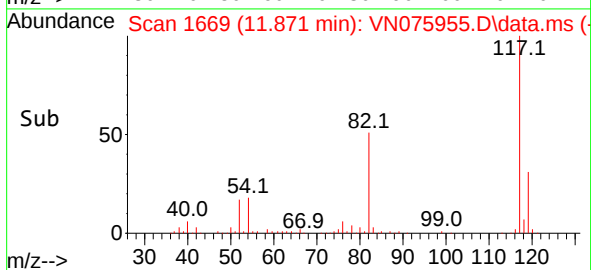
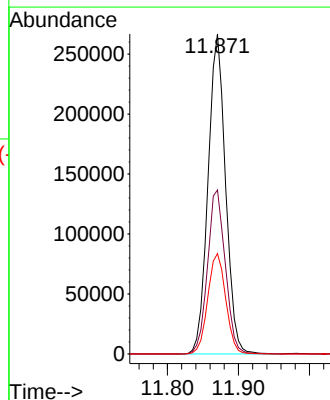
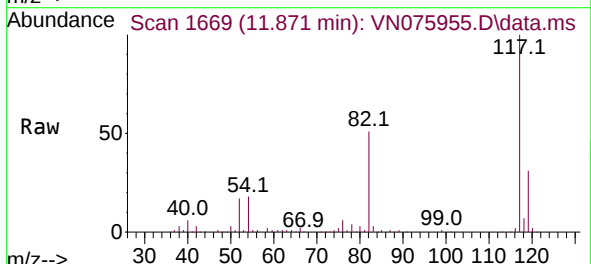
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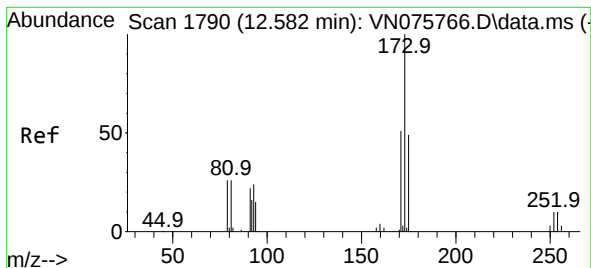
Tgt Ion: 95 Resp: 189580
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

Tgt Ion: 117 Resp: 457434
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.3 24.6 37.0





#71

Bromoform

Concen: 0.571 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

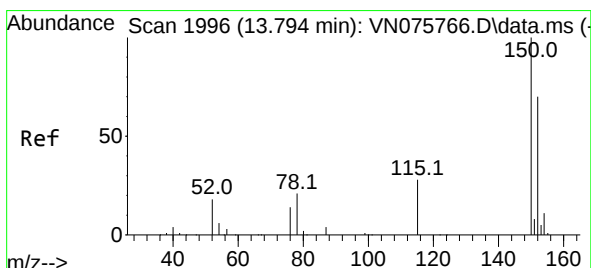
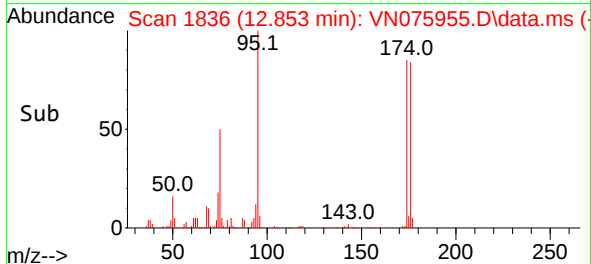
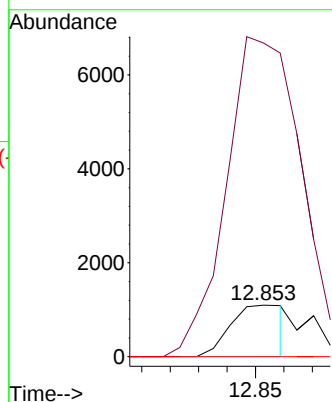
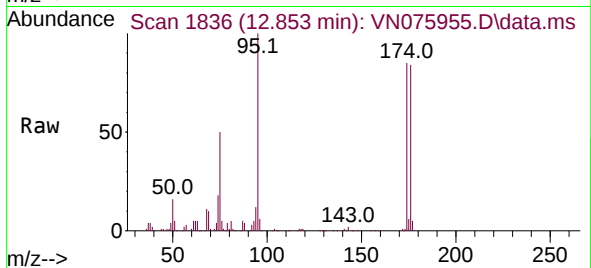
Tgt Ion:173 Resp: 1445

Ion Ratio Lower Upper

173 100

175 658.2 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: VN075955.D

Acq: 23 Dec 2022 10:27

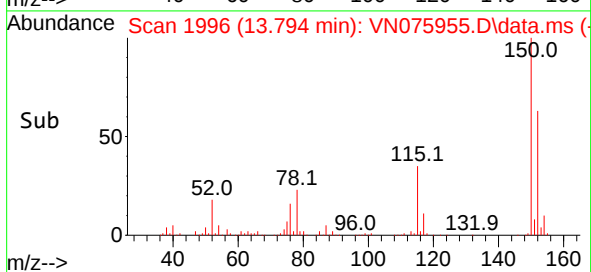
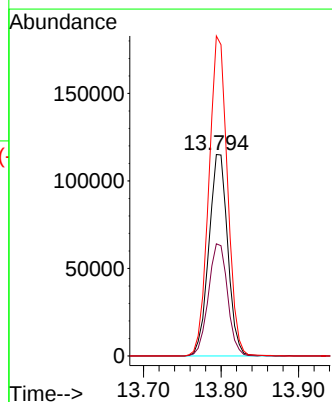
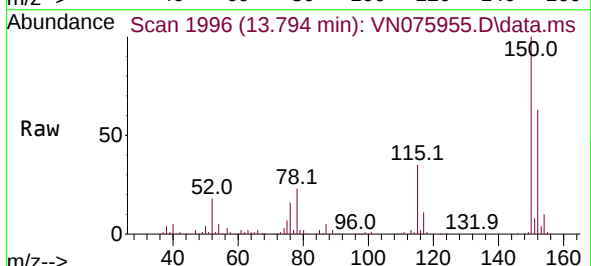
Tgt Ion:152 Resp: 194942

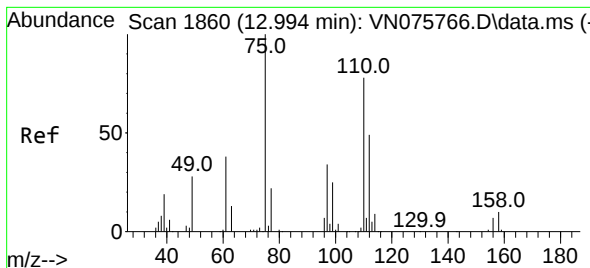
Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.4

150 156.2 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 24.161 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

Instrument :

MSVOA_N

ClientSampleId :

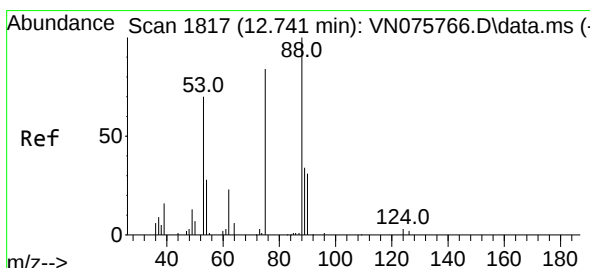
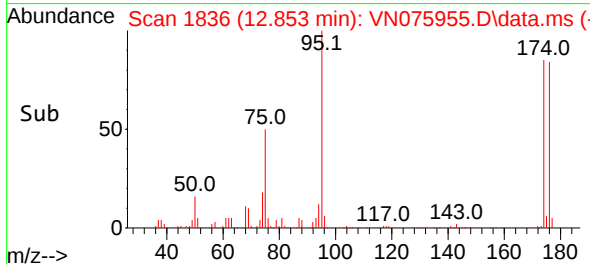
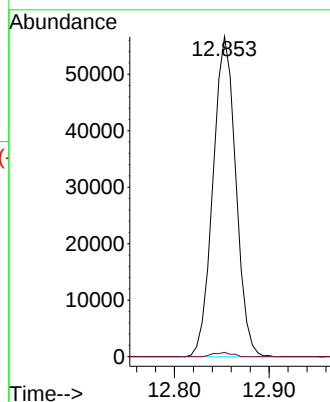
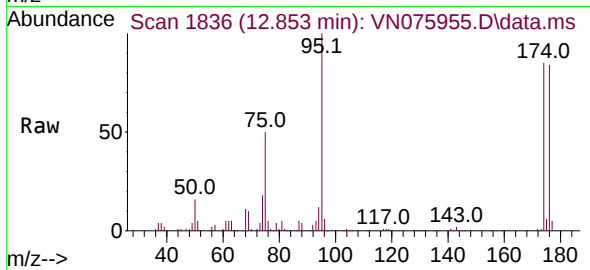
VN1223WBL01

Tgt Ion: 75 Resp: 94942

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.968 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075955.D

Acq: 23 Dec 2022 10:27

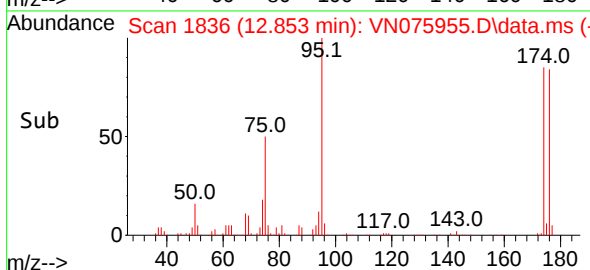
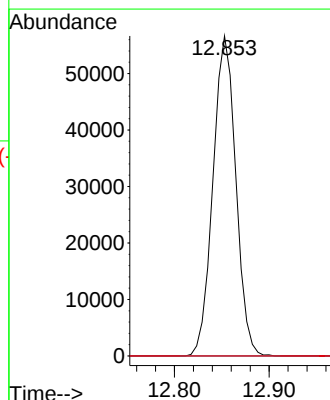
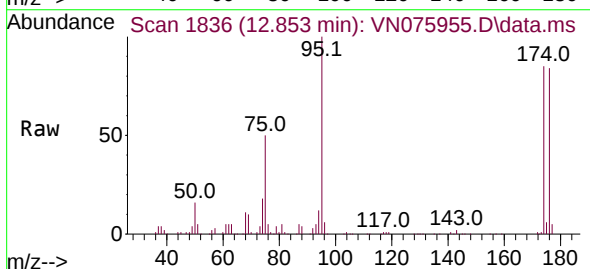
Tgt Ion: 75 Resp: 94942

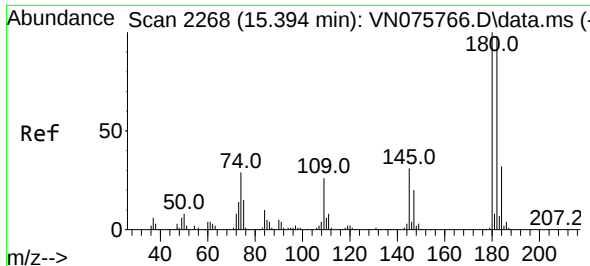
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#

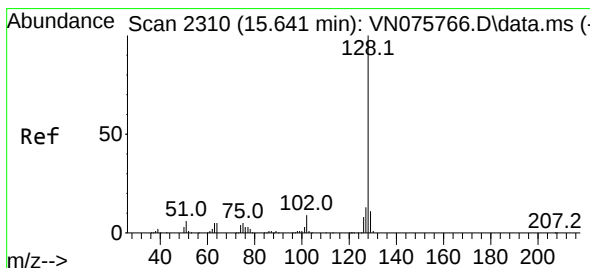
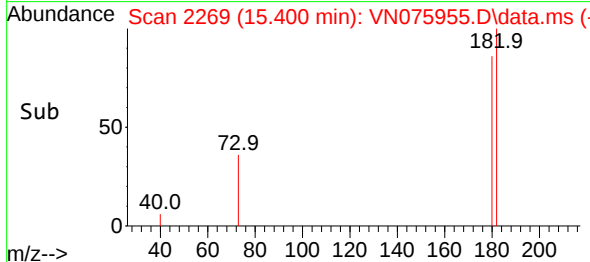
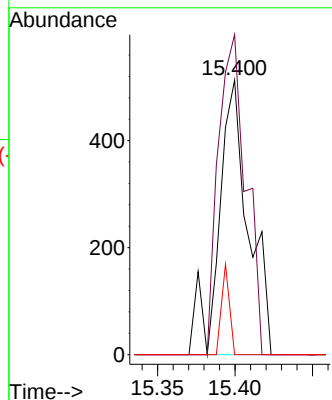
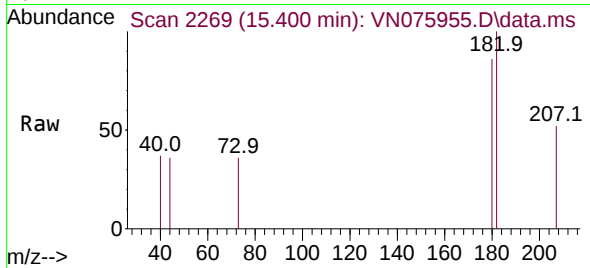




#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 15.400 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

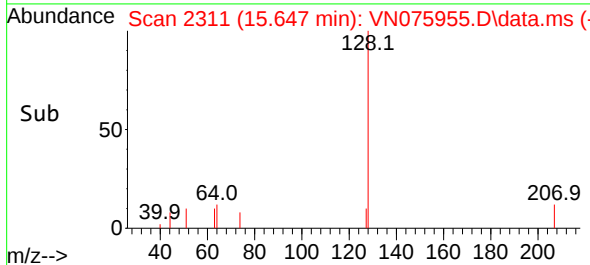
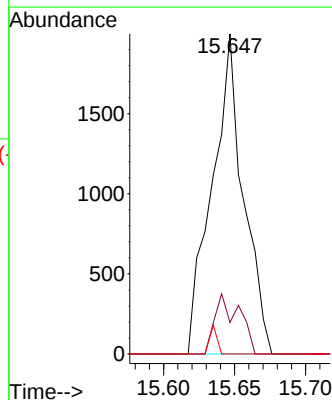
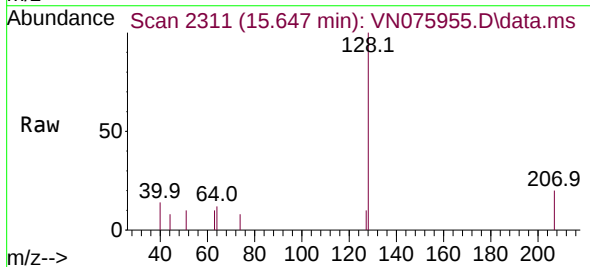
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

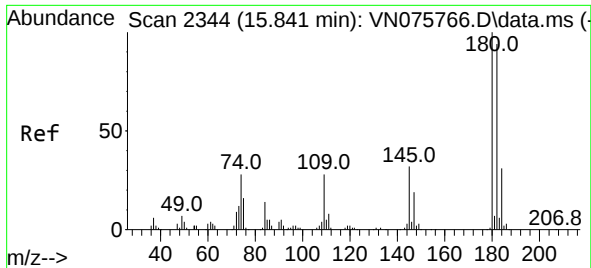
Tgt Ion:180 Resp: 684
Ion Ratio Lower Upper
180 100
182 108.2 47.5 142.5
145 8.8 15.3 45.8#



#95
Naphthalene
Concen: 2.454 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075955.D
Acq: 23 Dec 2022 10:27

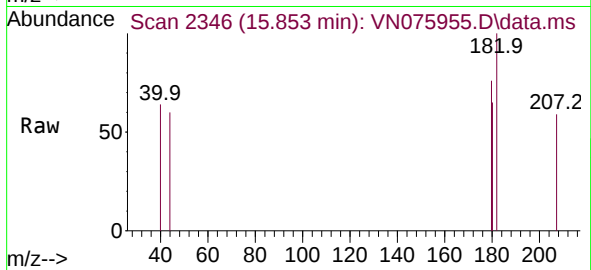
Tgt Ion:128 Resp: 3066
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 2.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN075955.D
 Acq: 23 Dec 2022 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBL01



Tgt Ion:180 Resp: 979
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 11.0 16.0 47.9#

