

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079155.D
 Acq On : 02 Sep 2023 19:59
 Operator : JC\MD
 Sample : 04285-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 830

Quant Time: Sep 04 01:10:08 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)

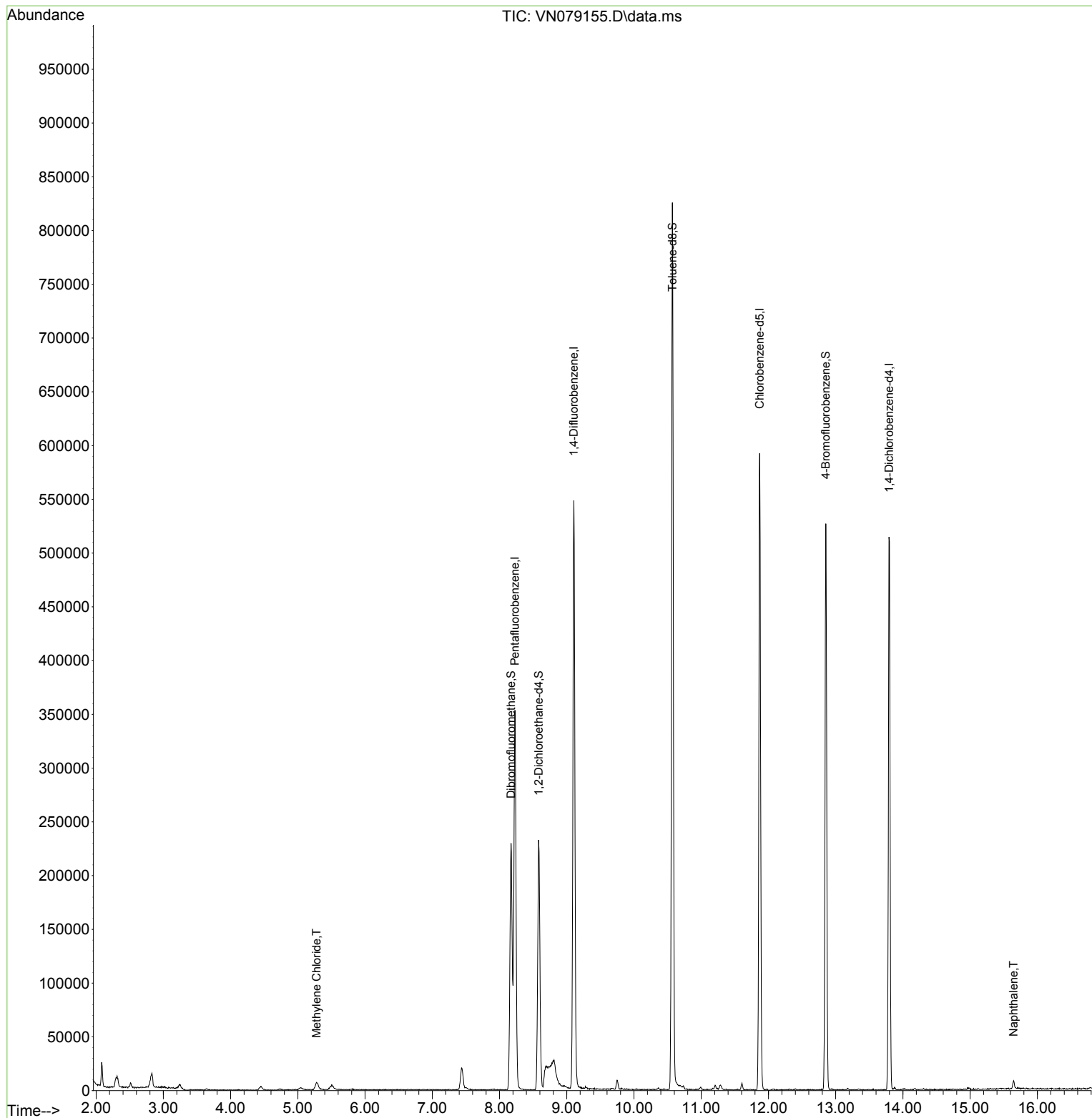
Internal Standards						
1) Pentafluorobenzene	8.230	168	256239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	352592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192108	48.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.360%		
35) Dibromofluoromethane	8.171	113	168062	51.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.620%		
50) Toluene-d8	10.571	98	571362	47.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.853	95	186085	47.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.540%		
Target Compounds						
20) Methylene Chloride	5.277	84	5598	1.597	ug/l	89
95) Naphthalene	15.647	128	7587	3.662	ug/l	98

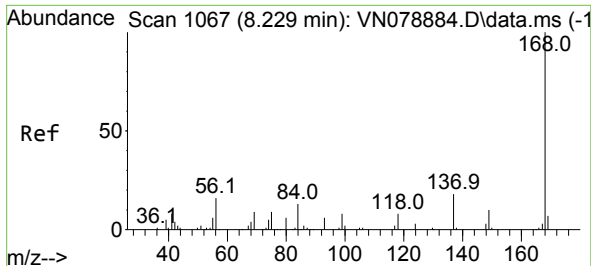
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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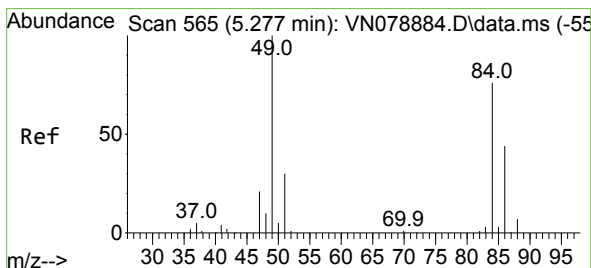
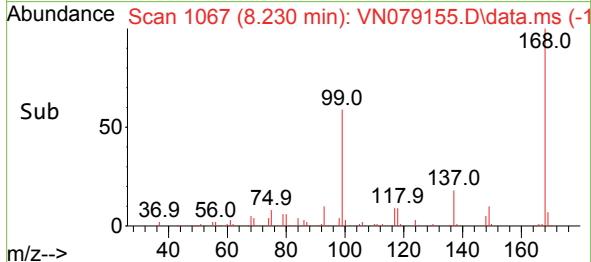
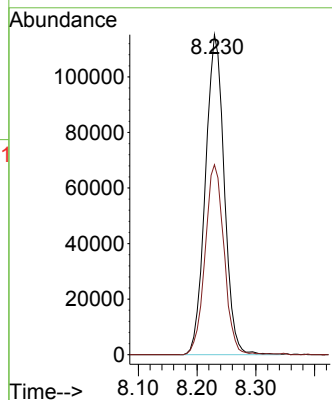
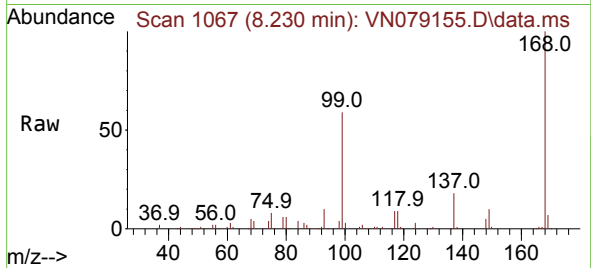




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079155.D
Acq: 02 Sep 2023 19:59

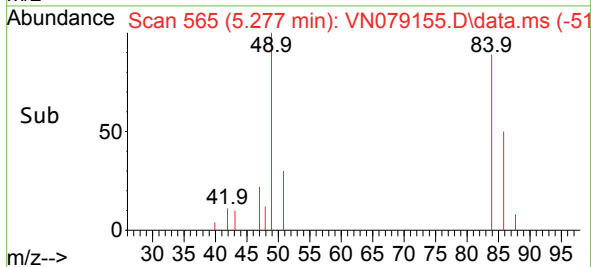
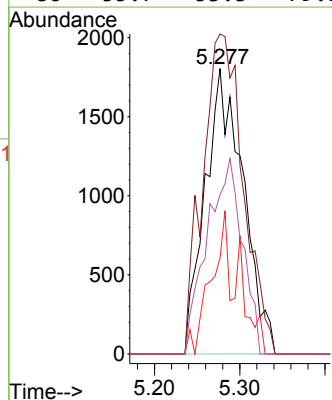
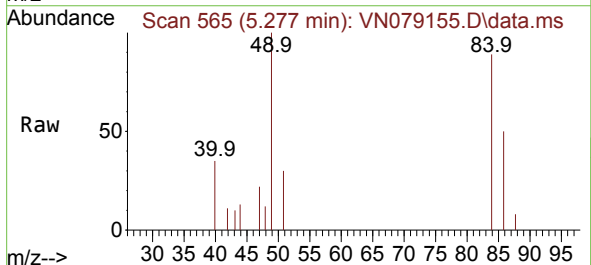
Instrument :
MSVOA_N
ClientSampleId :
830

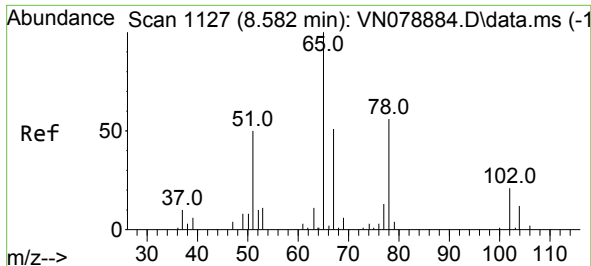
Tgt Ion:168 Resp: 256239
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#20
Methylene Chloride
Concen: 1.597 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079155.D
Acq: 02 Sep 2023 19:59

Tgt Ion: 84 Resp: 5598
Ion Ratio Lower Upper
84 100
49 112.1 79.7 119.5
51 33.6 25.2 37.8
86 55.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 48.180 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079155.D

Acq: 02 Sep 2023 19:59

Instrument :

MSVOA_N

ClientSampleId :

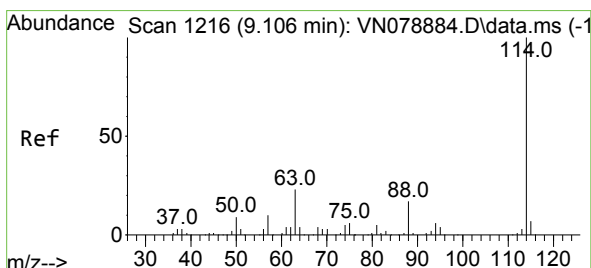
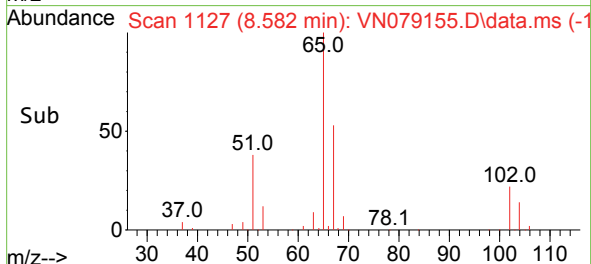
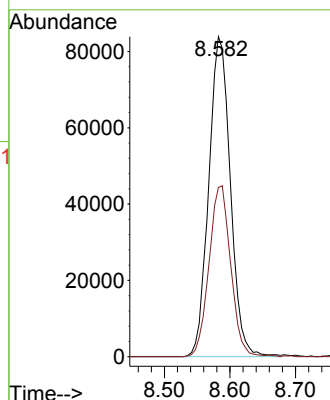
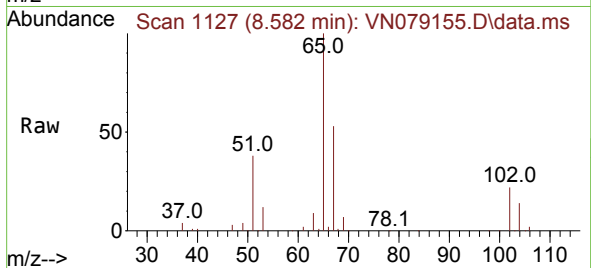
830

Tgt Ion: 65 Resp: 192108

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079155.D

Acq: 02 Sep 2023 19:59

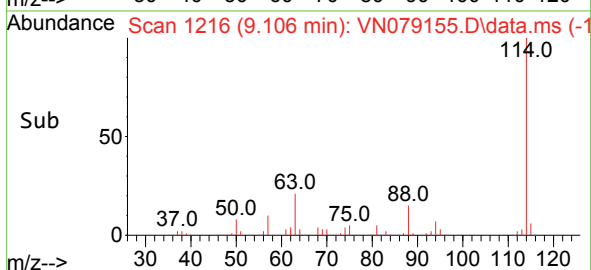
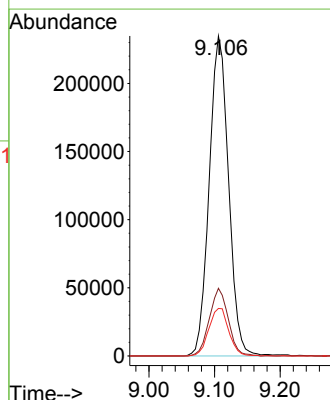
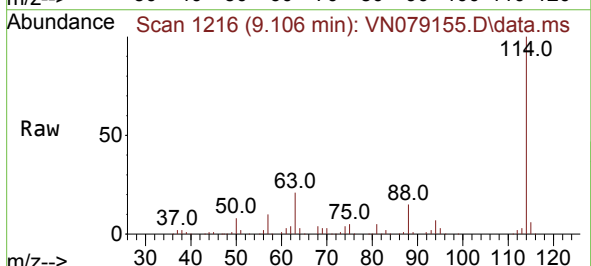
Tgt Ion: 114 Resp: 481843

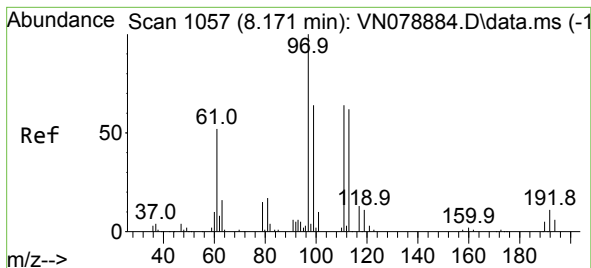
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.815 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079155.D

Acq: 02 Sep 2023 19:59

Instrument :

MSVOA_N

ClientSampleId :

830

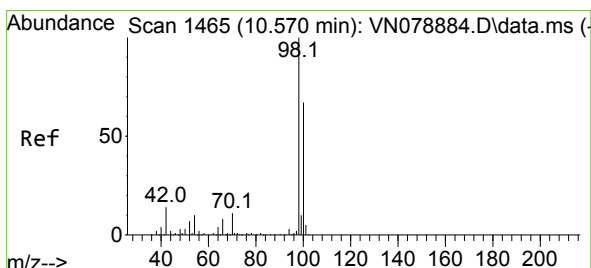
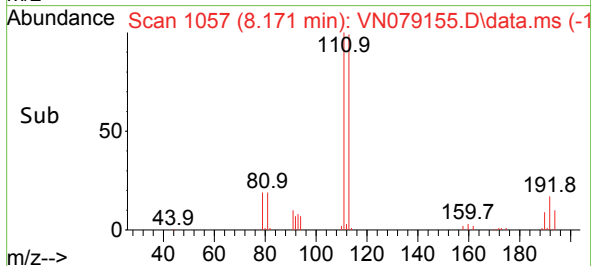
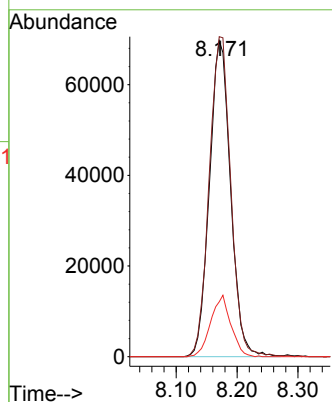
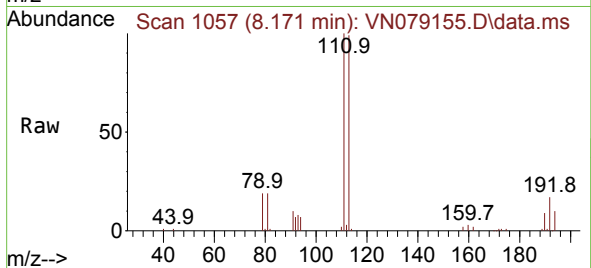
Tgt Ion:113 Resp: 168062

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 18.6 12.7 19.1



#50

Toluene-d8

Concen: 47.442 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079155.D

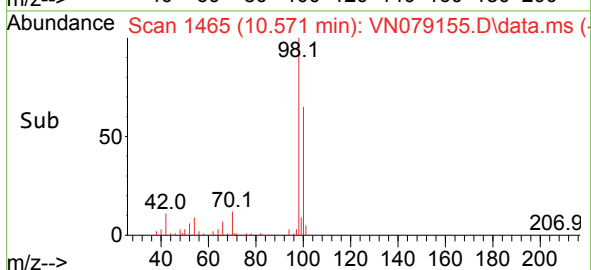
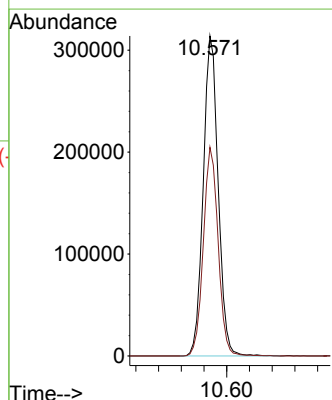
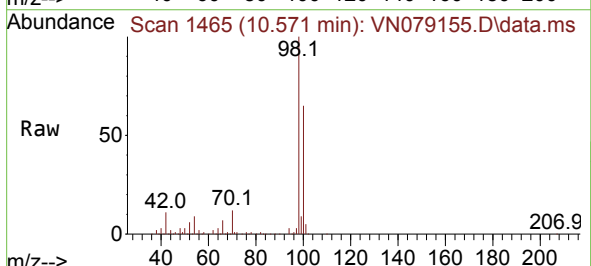
Acq: 02 Sep 2023 19:59

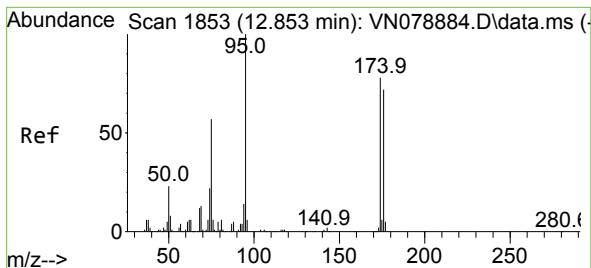
Tgt Ion: 98 Resp: 571362

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

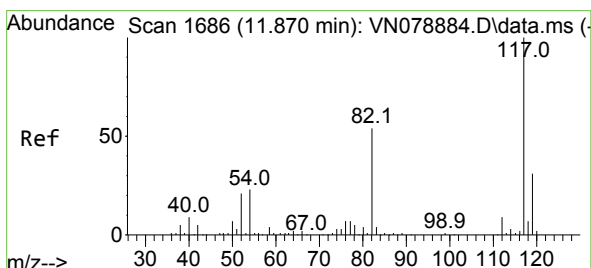
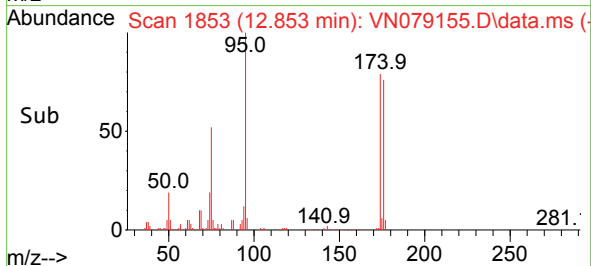
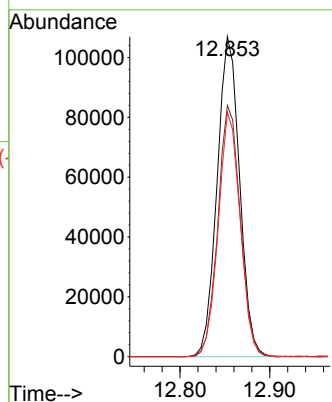
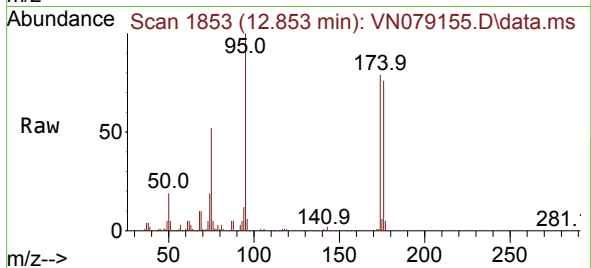




#62
4-Bromofluorobenzene
Concen: 47.271 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079155.D
Acq: 02 Sep 2023 19:59

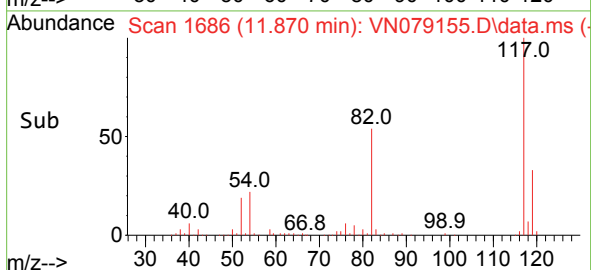
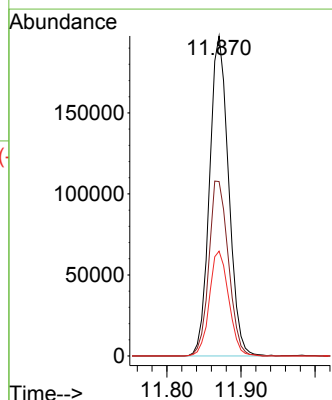
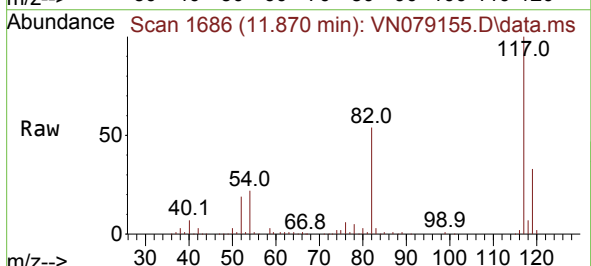
Instrument :
MSVOA_N
ClientSampleId :
830

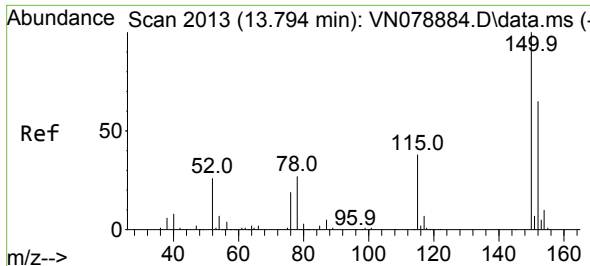
Tgt Ion: 95 Resp: 186085
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079155.D
Acq: 02 Sep 2023 19:59

Tgt Ion: 117 Resp: 352592
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.7 25.6 38.4

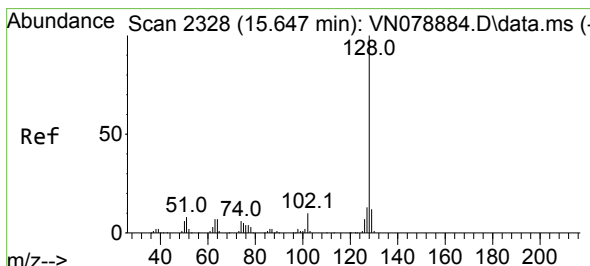
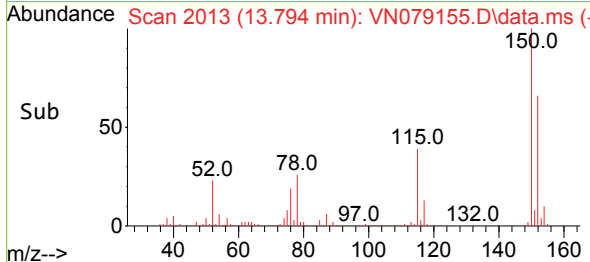
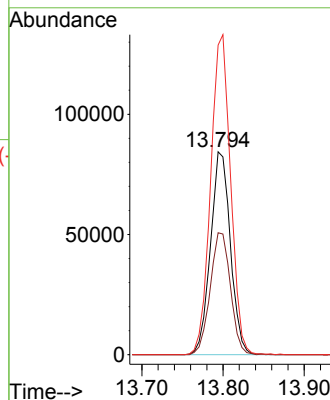
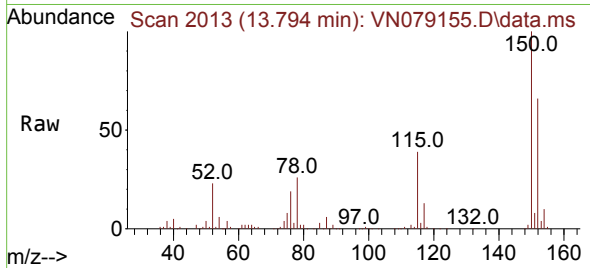




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079155.D
 Acq: 02 Sep 2023 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 830

Tgt Ion:152 Resp: 143619
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 158.0 0.0 355.8



#95
 Naphthalene
 Concen: 3.662 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN079155.D
 Acq: 02 Sep 2023 19:59

Tgt Ion:128 Resp: 7587
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.0 15.0
 129 10.1 8.7 13.1

