

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083077.D
 Acq On : 30 Jul 2024 19:04
 Operator : JC\MD
 Sample : PB162353ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#12

Quant Time: Jul 31 06:07:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

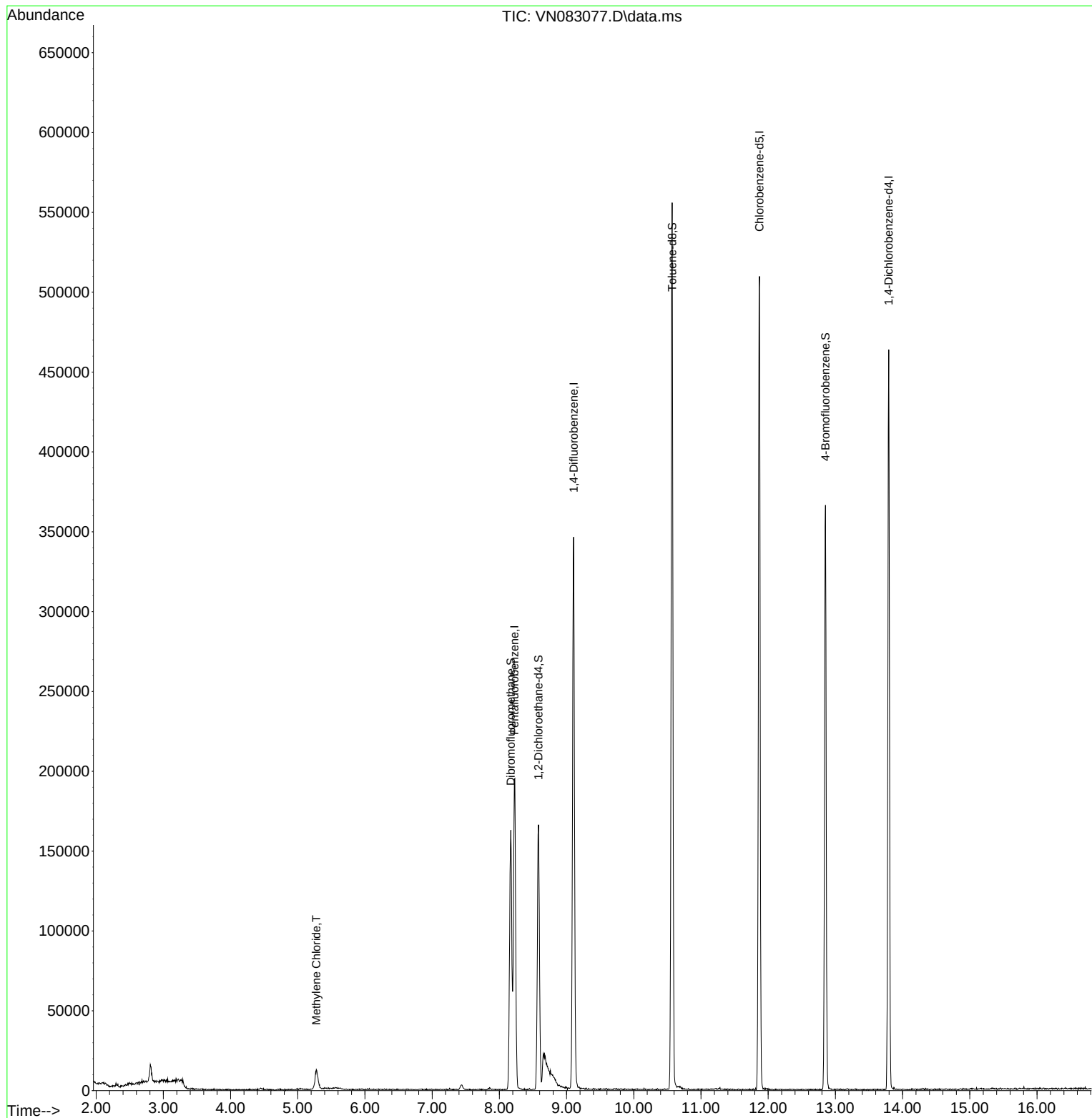
Internal Standards						
1) Pentafluorobenzene	8.224	168	133991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	286781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135207	71.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.960%#			
35) Dibromofluoromethane	8.171	113	112431	62.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.300%#			
50) Toluene-d8	10.571	98	368101	55.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.180%			
62) 4-Bromofluorobenzene	12.853	95	112904	47.040	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.080%			
Target Compounds						Qvalue
20) Methylene Chloride	5.277	84	8995	5.632	ug/l #	80

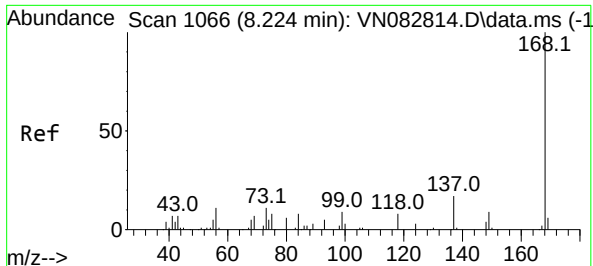
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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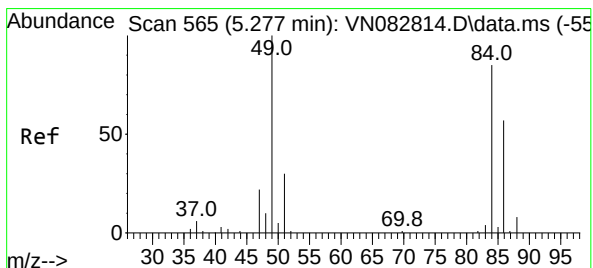
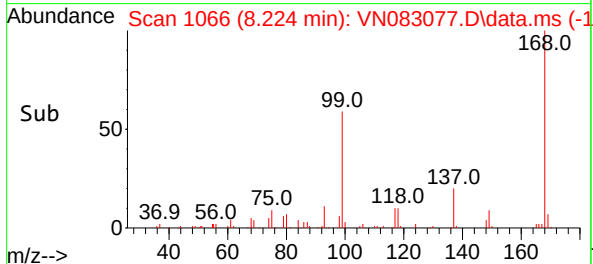
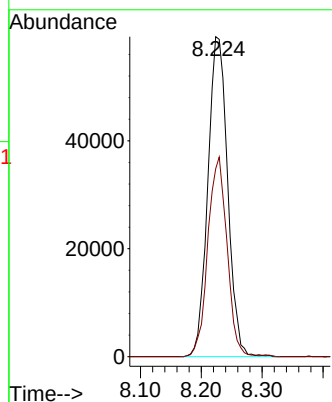
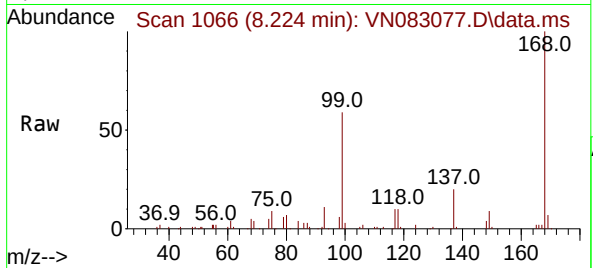




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

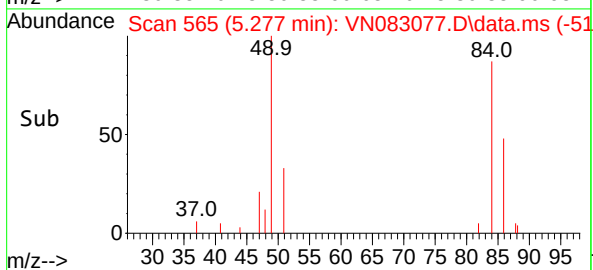
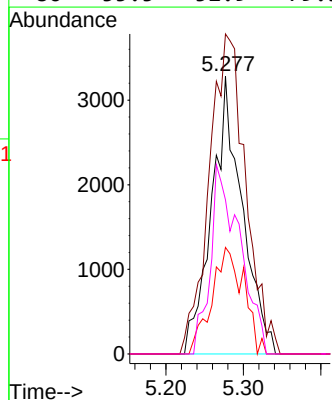
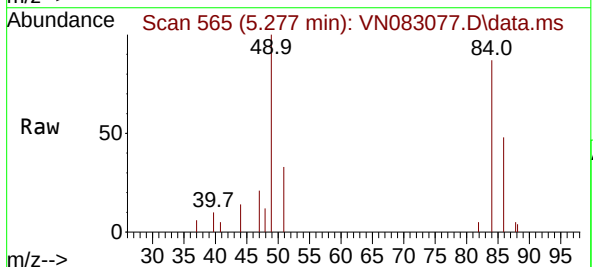
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#12

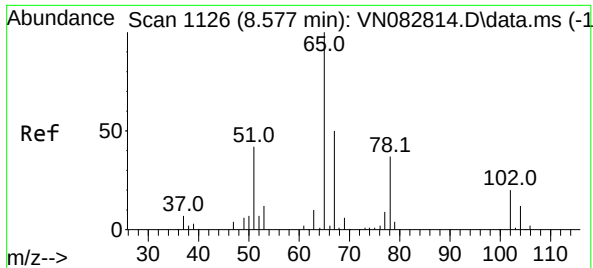
Tgt Ion:168 Resp: 133991
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

Tgt Ion: 84 Resp: 8995
Ion Ratio Lower Upper
84 100
49 115.2 119.6 179.4#
51 38.4 34.8 52.2
86 55.5 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 71.984 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

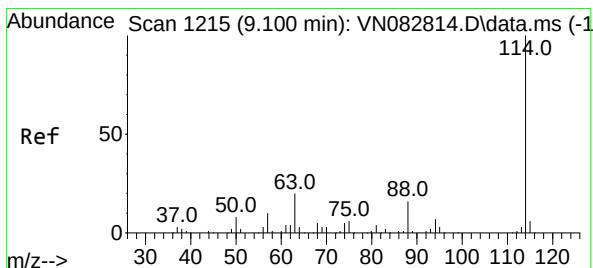
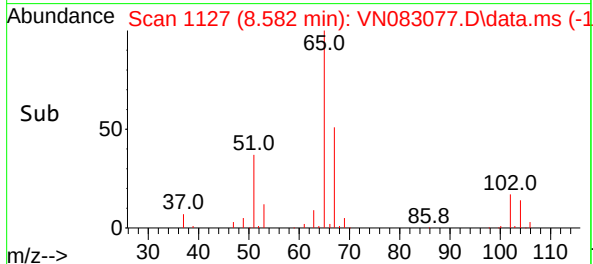
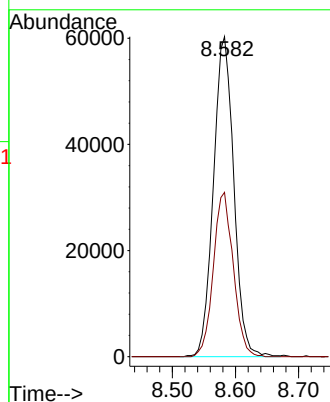
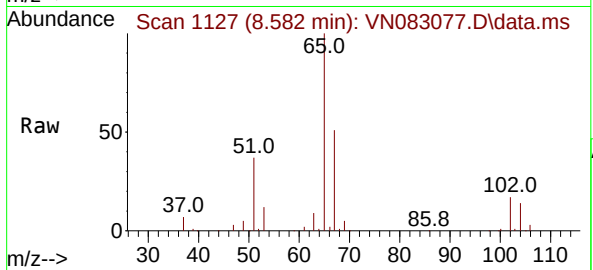
PB162353ZHE#12

Tgt Ion: 65 Resp: 135207

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

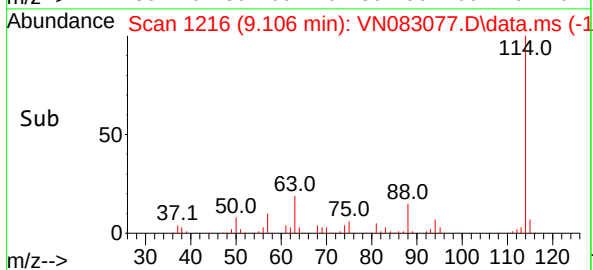
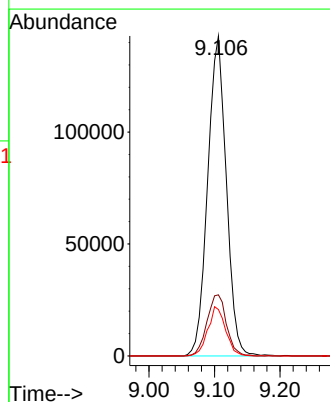
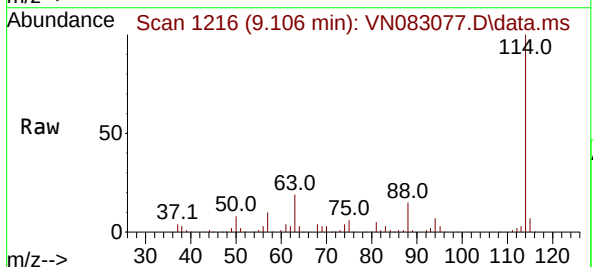
Tgt Ion: 114 Resp: 281933

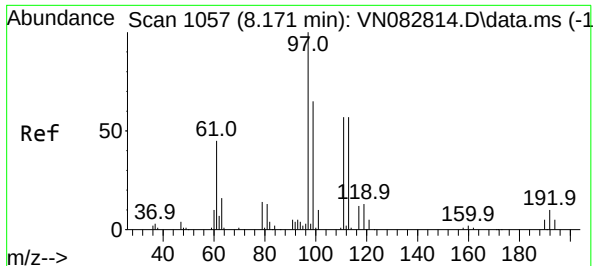
Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 62.148 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083077.D

Acq: 30 Jul 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

PB162353ZHE#12

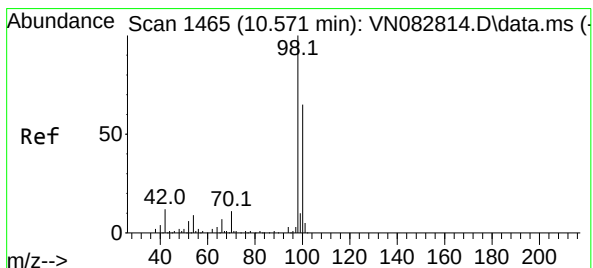
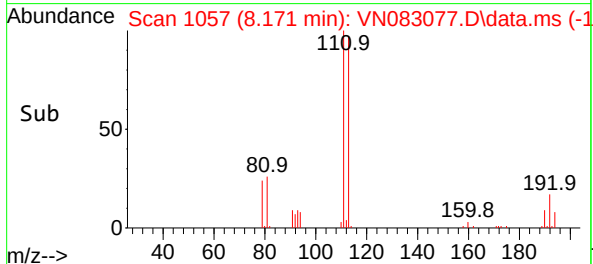
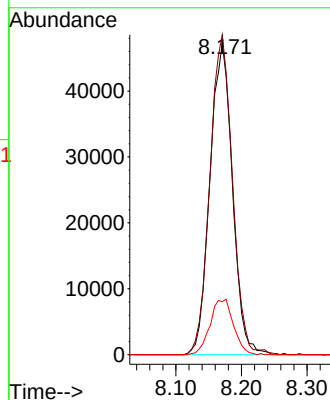
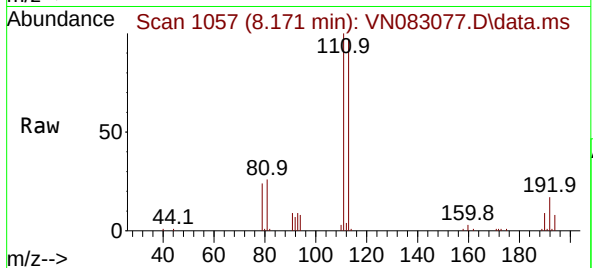
Tgt Ion:113 Resp: 112431

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.5 14.9 22.3



#50

Toluene-d8

Concen: 55.090 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083077.D

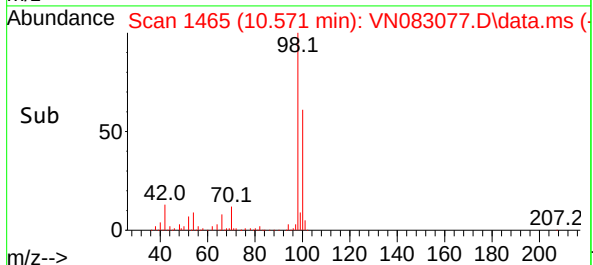
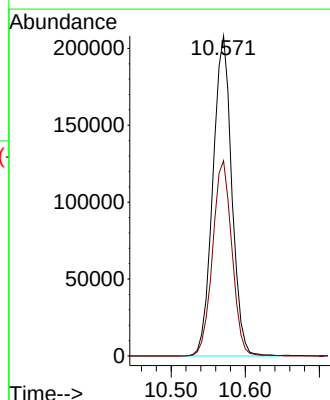
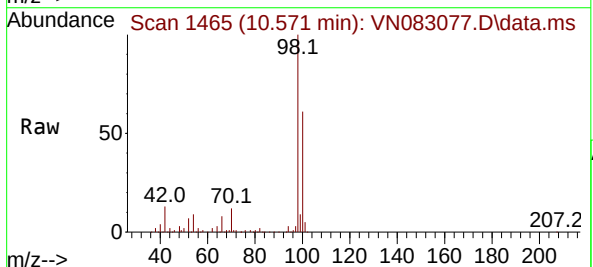
Acq: 30 Jul 2024 19:04

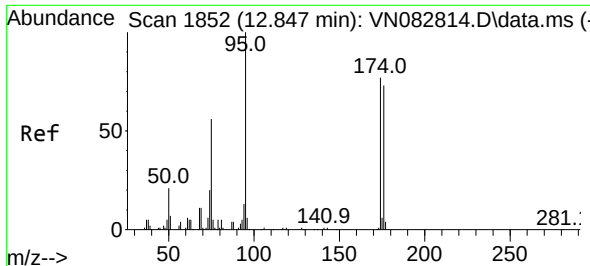
Tgt Ion: 98 Resp: 368101

Ion Ratio Lower Upper

98 100

100 62.2 51.5 77.3

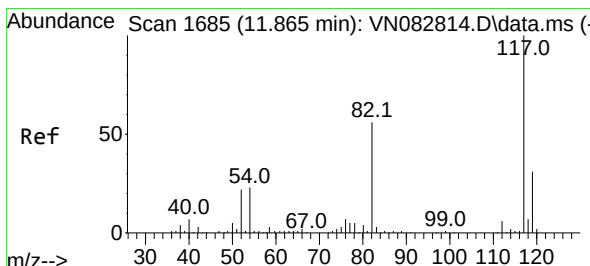
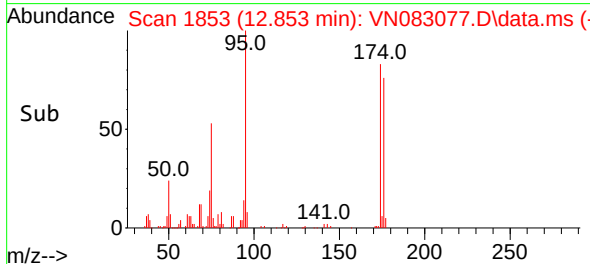
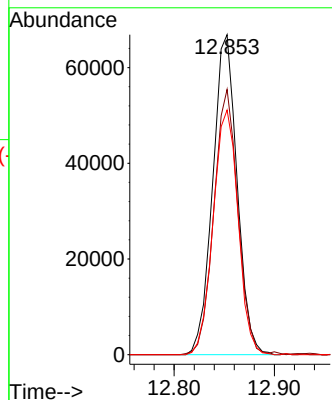
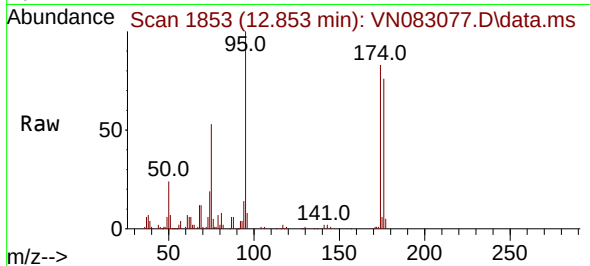




#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

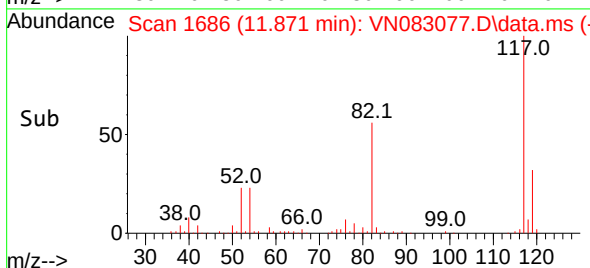
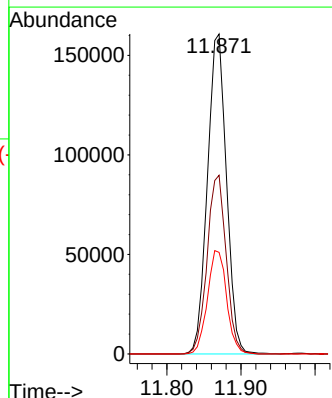
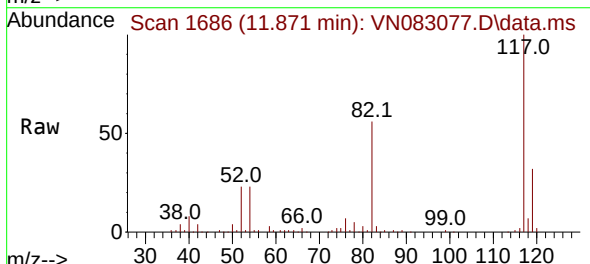
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#12

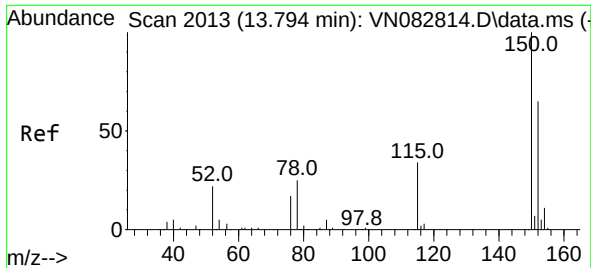
Tgt Ion: 95 Resp: 112904
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 78.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083077.D
Acq: 30 Jul 2024 19:04

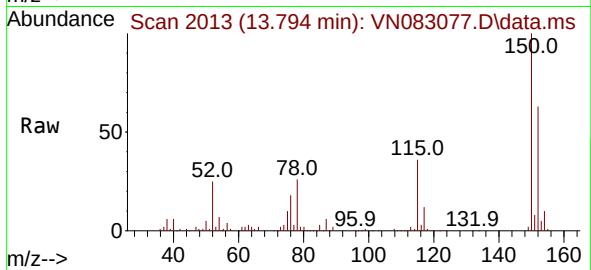
Tgt Ion: 117 Resp: 286781
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083077.D
 Acq: 30 Jul 2024 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#12



Tgt Ion:152 Resp: 117030
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.6 91.6
 150 160.5 0.0 348.6

