

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083076.D
 Acq On : 30 Jul 2024 18:40
 Operator : JC\MD
 Sample : PB162353ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#11

Quant Time: Jul 31 06:06:57 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)

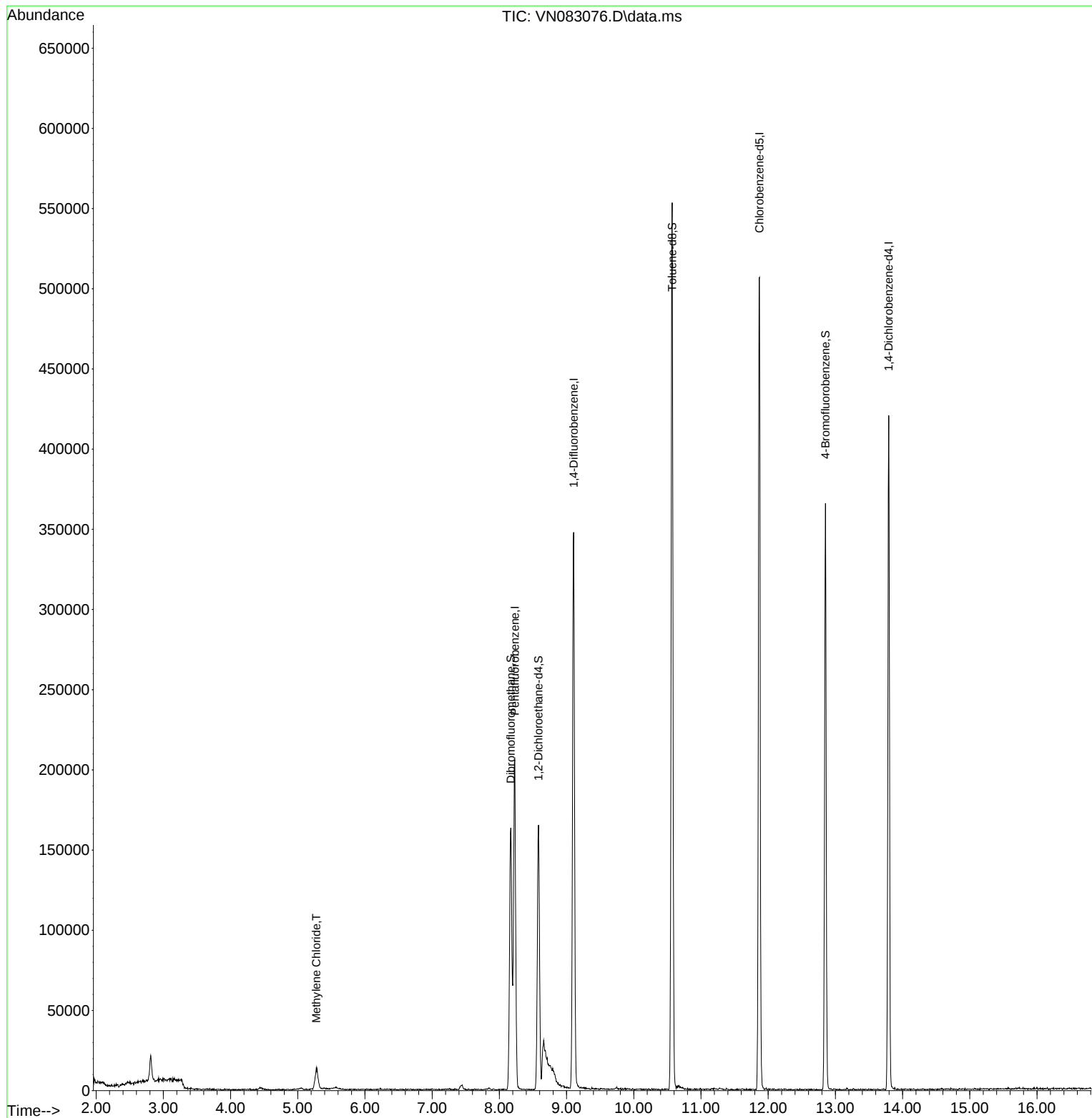
Internal Standards						
1) Pentafluorobenzene	8.229	168	139153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	289950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135148	69.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 138.560%#			
35) Dibromofluoromethane	8.171	113	113688	62.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.280%#			
50) Toluene-d8	10.571	98	375428	55.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.120%			
62) 4-Bromofluorobenzene	12.853	95	108182	44.569	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.140%			
Target Compounds						Qvalue
20) Methylene Chloride	5.277	84	9646	5.816	ug/l #	90

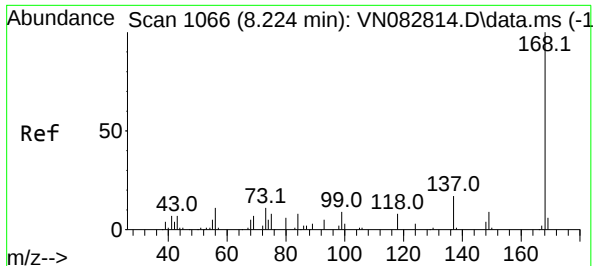
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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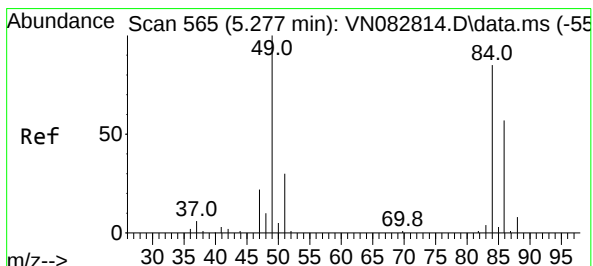
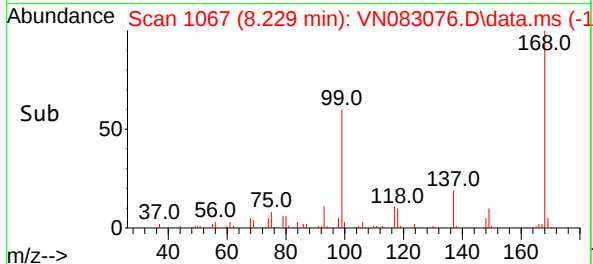
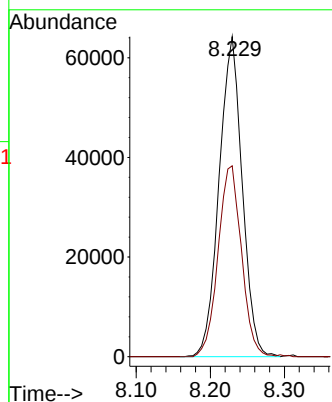
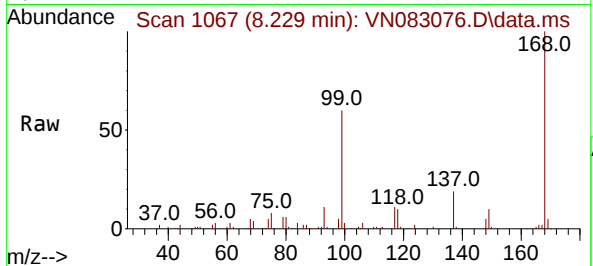




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

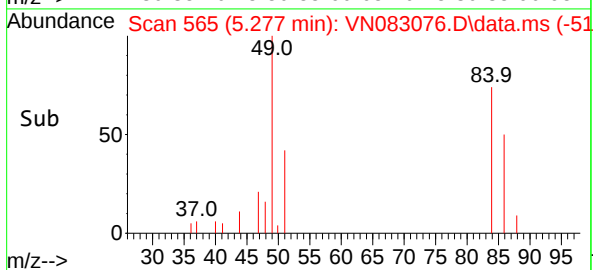
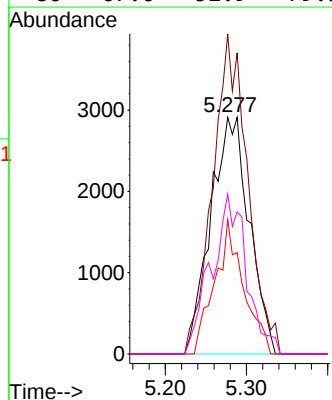
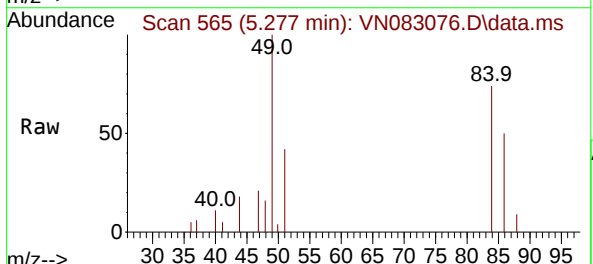
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#11

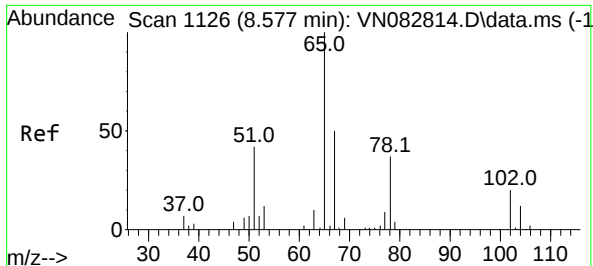
Tgt Ion:168 Resp: 139153
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#20
Methylene Chloride
Concen: 5.816 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

Tgt Ion: 84 Resp: 9646
Ion Ratio Lower Upper
84 100
49 135.2 119.6 179.4
51 56.8 34.8 52.2#
86 67.6 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 69.284 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083076.D

Acq: 30 Jul 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

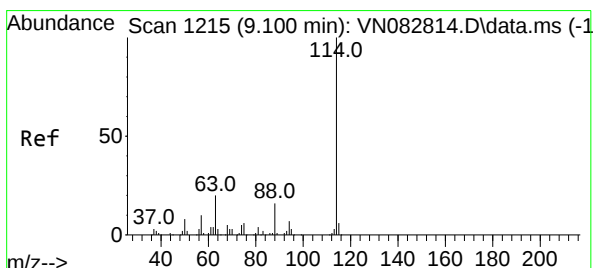
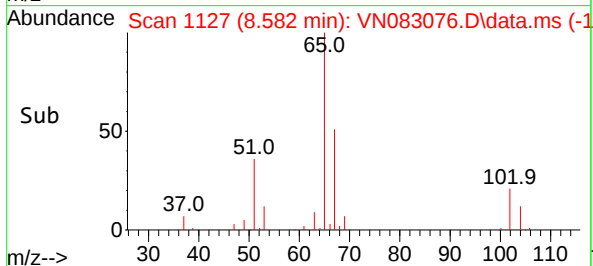
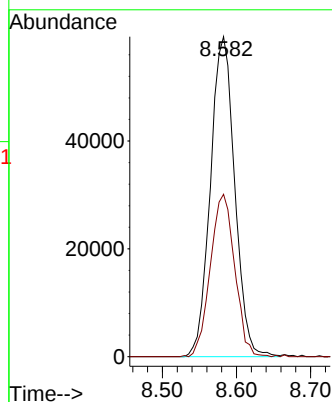
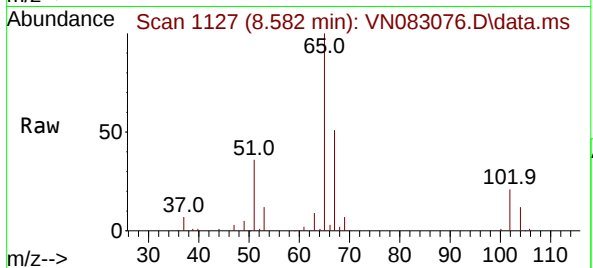
PB162353ZHE#11

Tgt Ion: 65 Resp: 135148

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083076.D

Acq: 30 Jul 2024 18:40

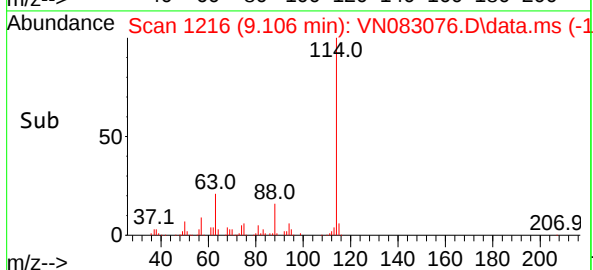
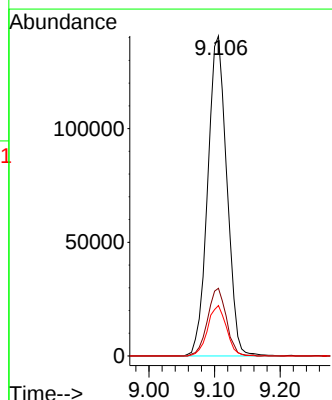
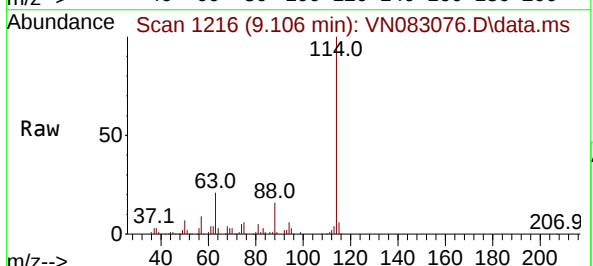
Tgt Ion: 114 Resp: 285119

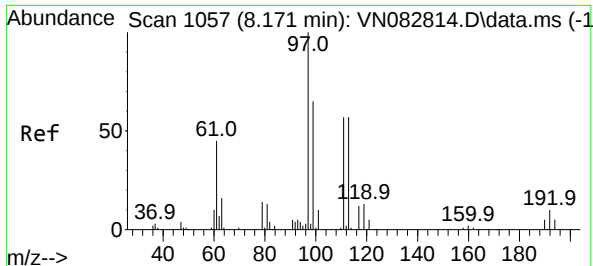
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 62.140 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083076.D

Acq: 30 Jul 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

PB162353ZHE#11

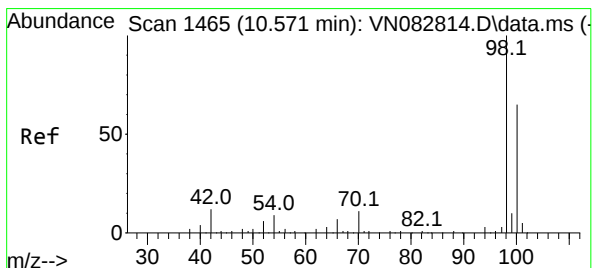
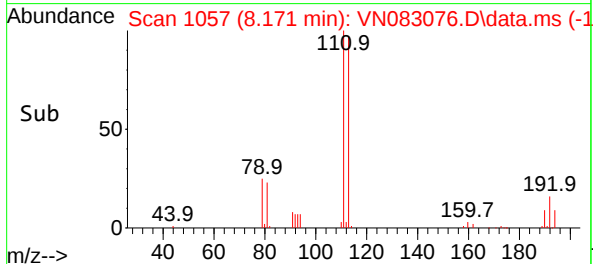
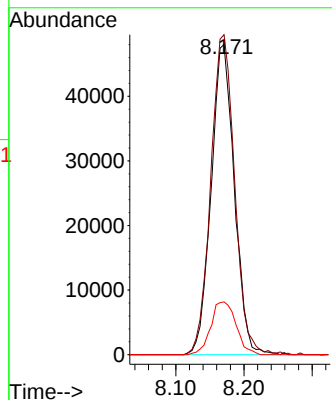
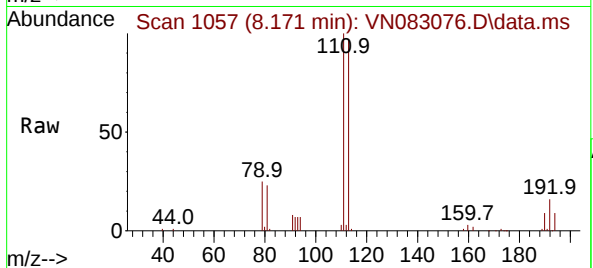
Tgt Ion:113 Resp: 113688

Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 18.6 14.9 22.3



#50

Toluene-d8

Concen: 55.558 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083076.D

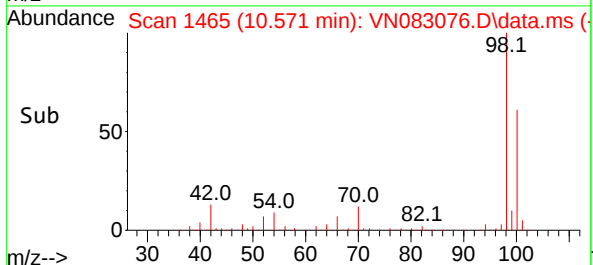
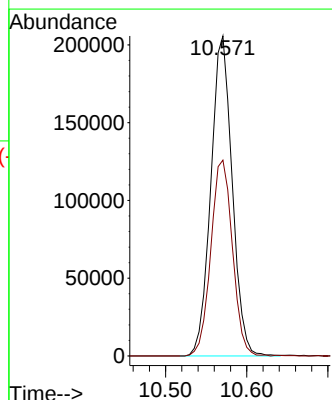
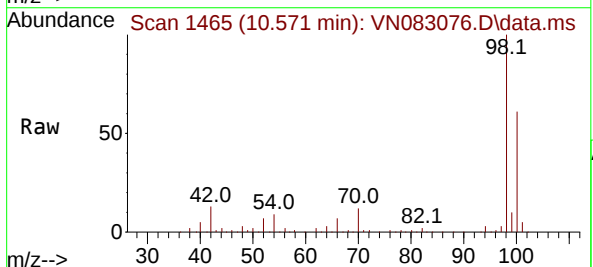
Acq: 30 Jul 2024 18:40

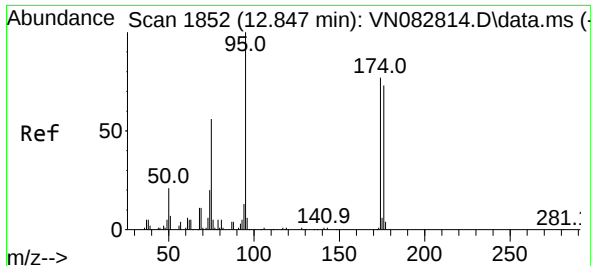
Tgt Ion: 98 Resp: 375428

Ion Ratio Lower Upper

98 100

100 62.0 51.5 77.3

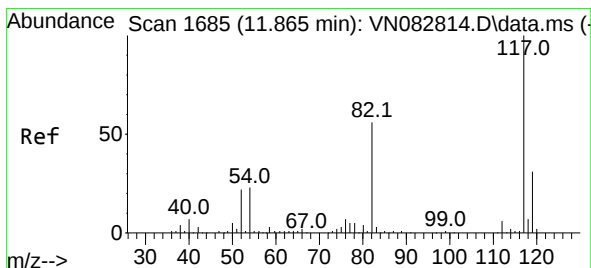
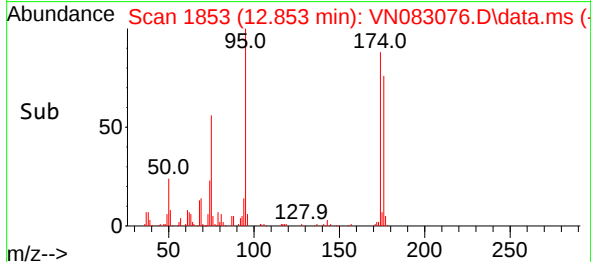
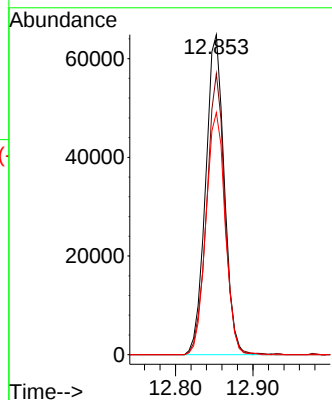
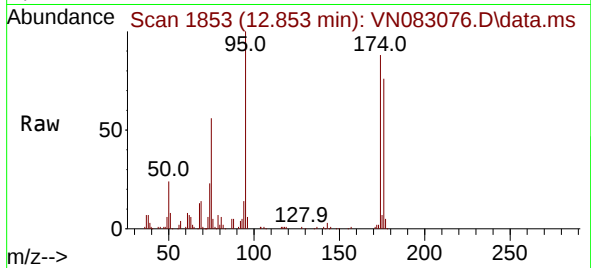




#62
4-Bromofluorobenzene
Concen: 44.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

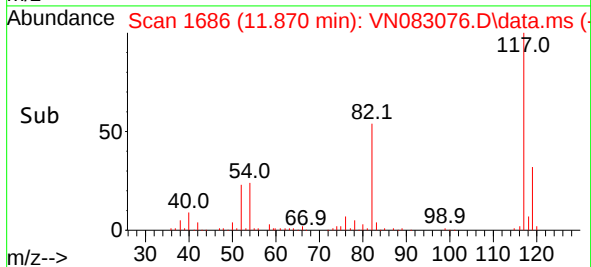
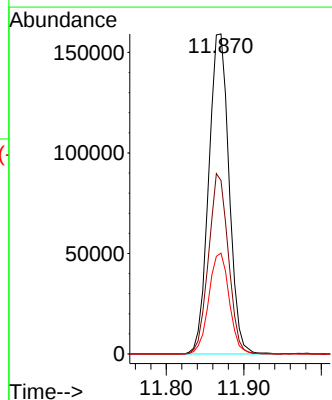
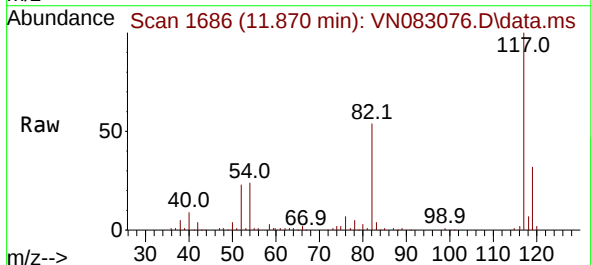
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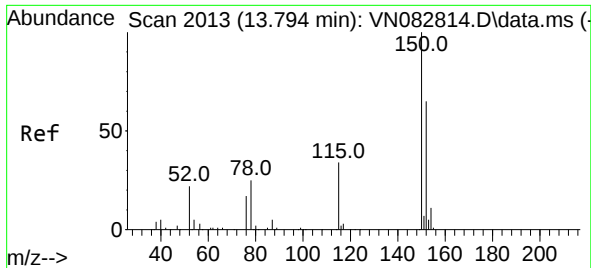
Tgt Ion: 95 Resp: 108182
Ion Ratio Lower Upper
95 100
174 85.2 0.0 159.2
176 78.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083076.D
Acq: 30 Jul 2024 18:40

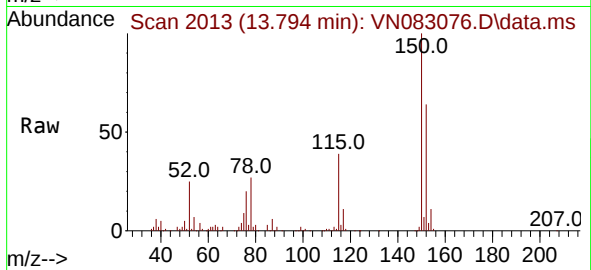
Tgt Ion: 117 Resp: 289950
Ion Ratio Lower Upper
117 100
82 54.2 47.5 71.3
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083076.D
 Acq: 30 Jul 2024 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#11



Tgt Ion:152 Resp: 108196
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.6 91.6
 150 159.4 0.0 348.6

