

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083080.D
 Acq On : 30 Jul 2024 20:17
 Operator : JC\MD
 Sample : PB162353ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#15

Quant Time: Jul 31 06:08:48 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)

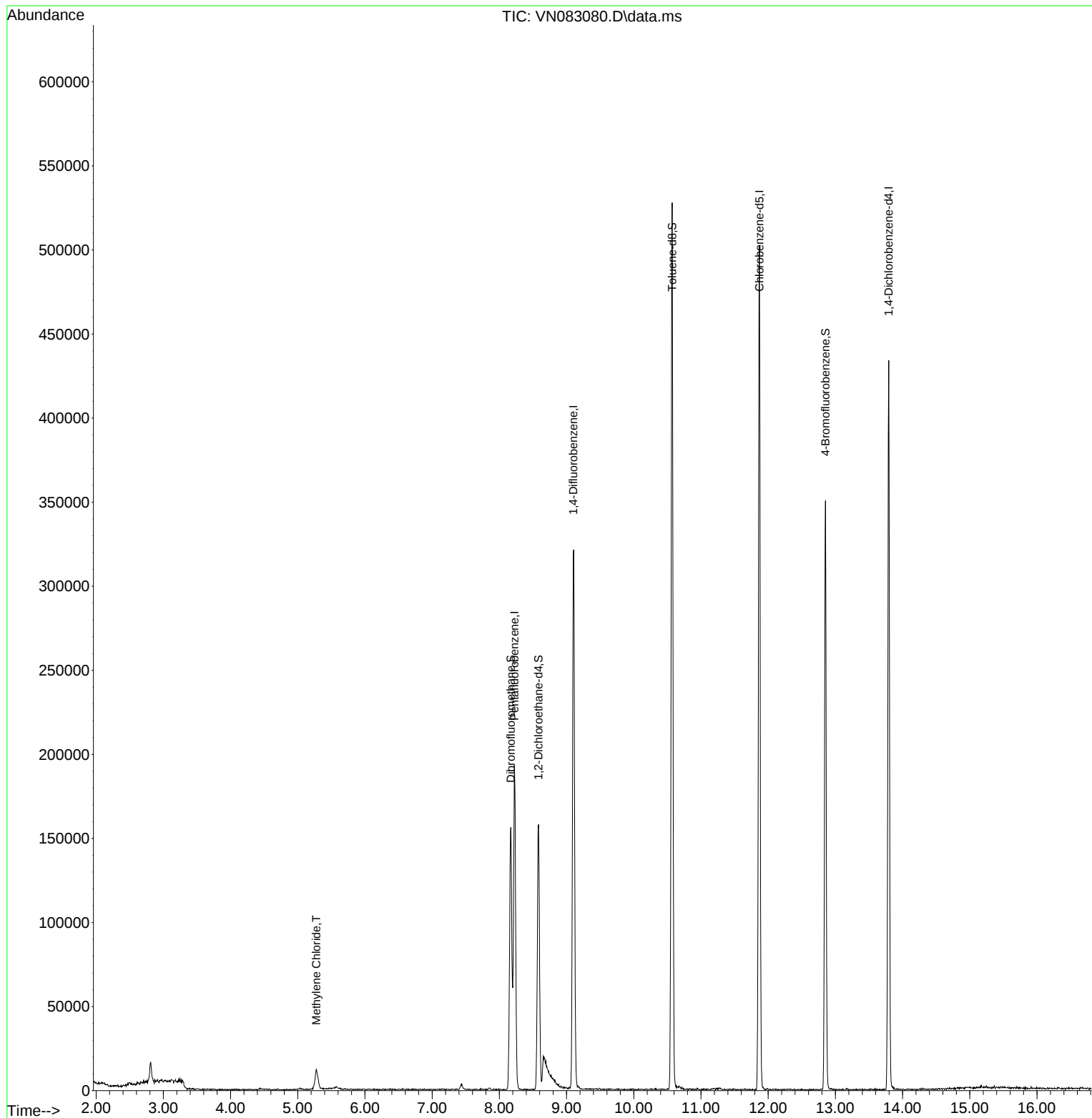
Internal Standards						
1) Pentafluorobenzene	8.224	168	129273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129850	71.655	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 143.320%#	
35) Dibromofluoromethane	8.171	113	109592	63.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 127.720%#	
50) Toluene-d8	10.571	98	353663	55.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.853	95	103724	45.556	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.277	84	9646	6.260	ug/l	84

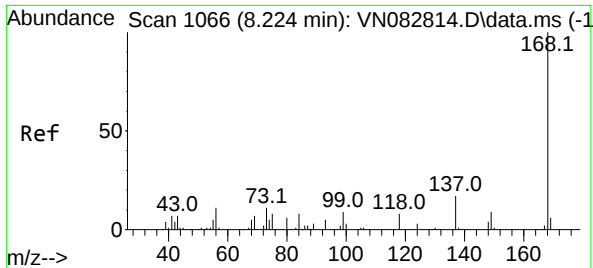
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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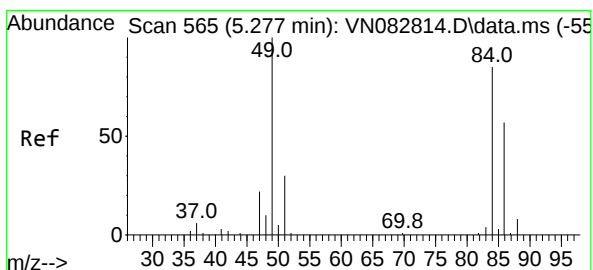
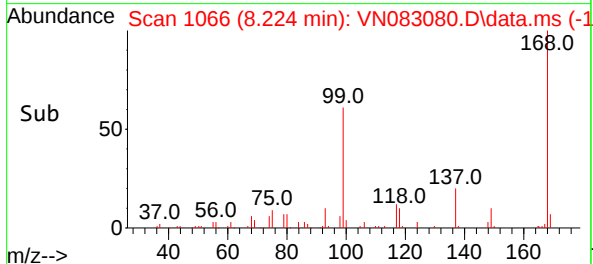
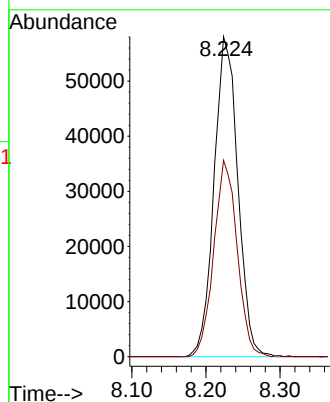
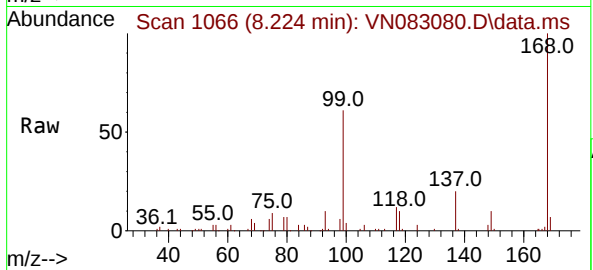




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

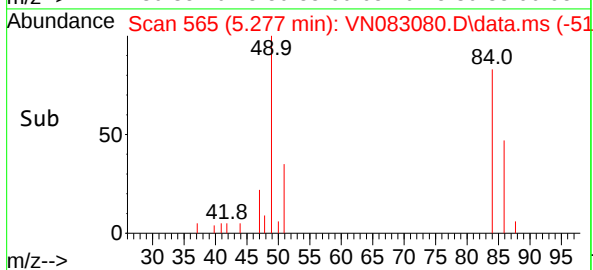
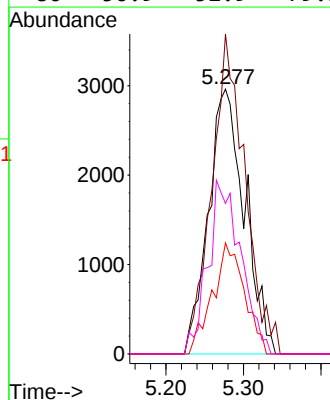
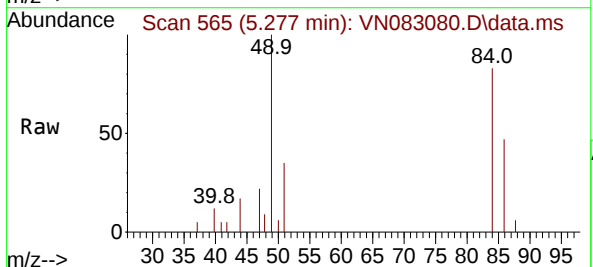
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#15

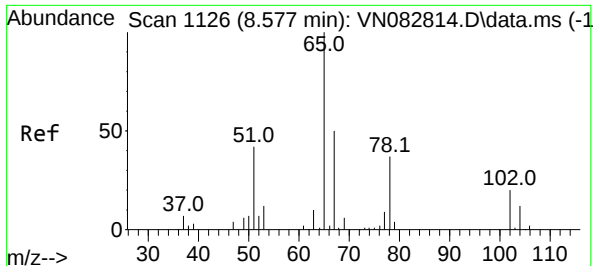
Tgt Ion:168 Resp: 129273
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#20
Methylene Chloride
Concen: 6.260 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Tgt Ion: 84 Resp: 9646
Ion Ratio Lower Upper
84 100
49 120.8 119.6 179.4
51 42.0 34.8 52.2
86 56.9 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 71.655 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

Instrument :

MSVOA_N

ClientSampleId :

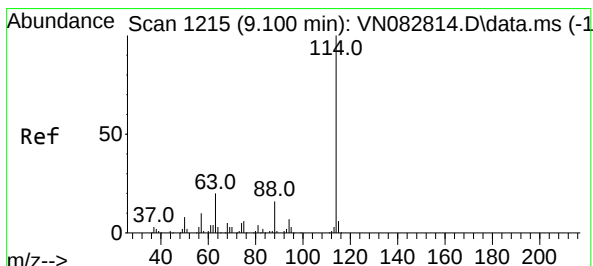
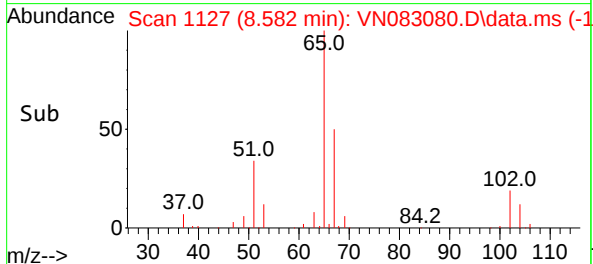
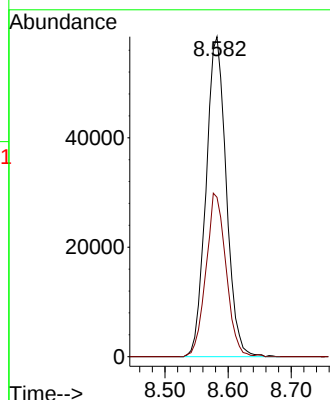
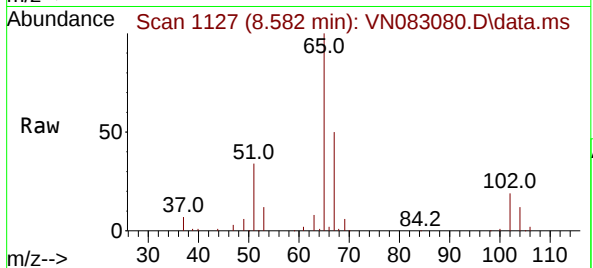
PB162353ZHE#15

Tgt Ion: 65 Resp: 129850

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083080.D

Acq: 30 Jul 2024 20:17

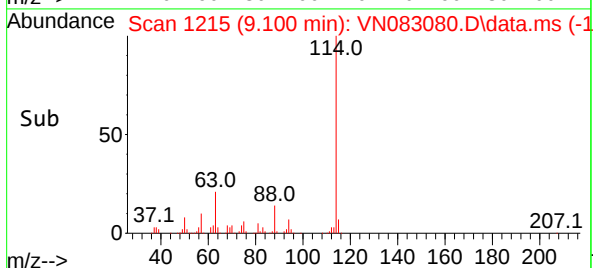
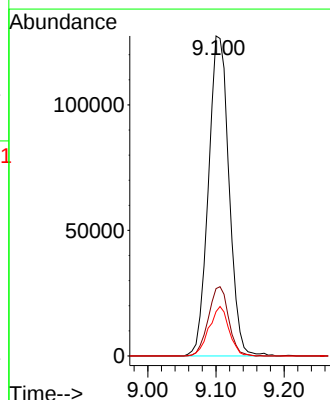
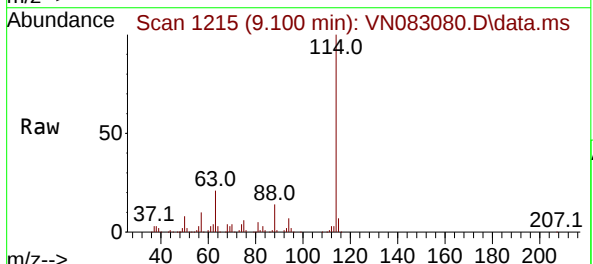
Tgt Ion: 114 Resp: 267444

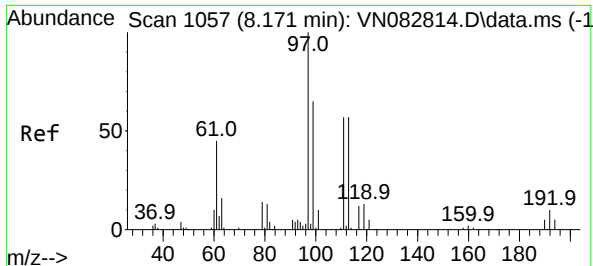
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

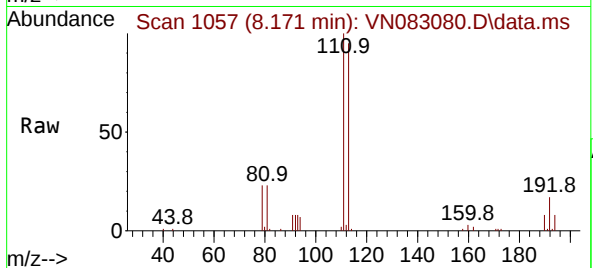
88 13.9 0.0 31.4



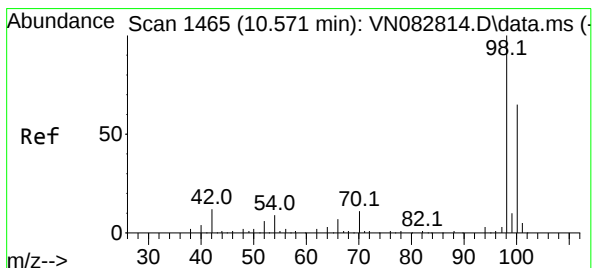
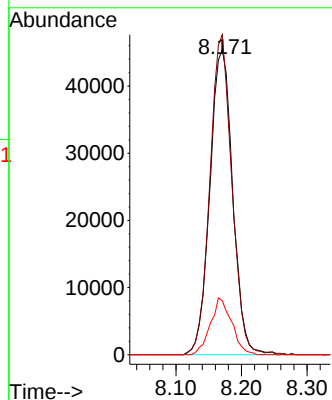
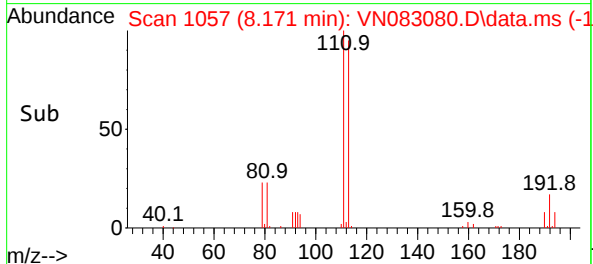


#35
Dibromofluoromethane
Concen: 63.860 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

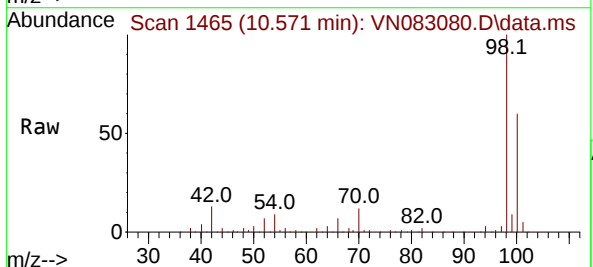
Instrument :
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ClientSampleId :
PB162353ZHE#15



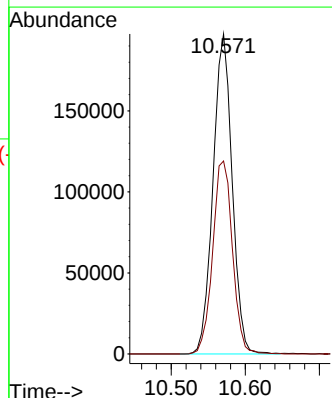
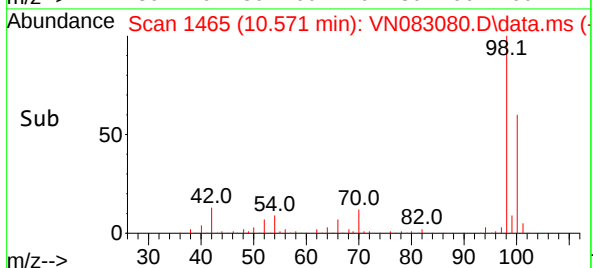
Tgt Ion:113 Resp: 109592
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 17.4 14.9 22.3

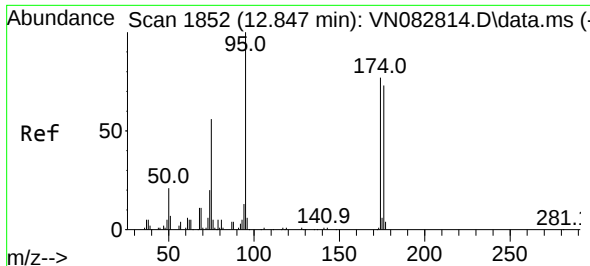


#50
Toluene-d8
Concen: 55.796 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17



Tgt Ion: 98 Resp: 353663
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3

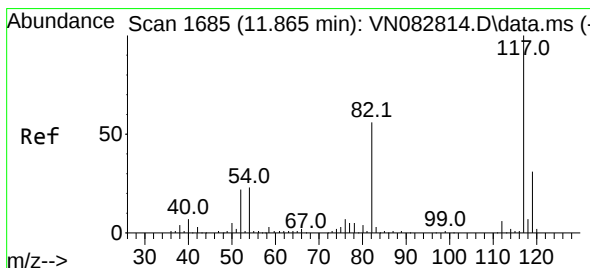
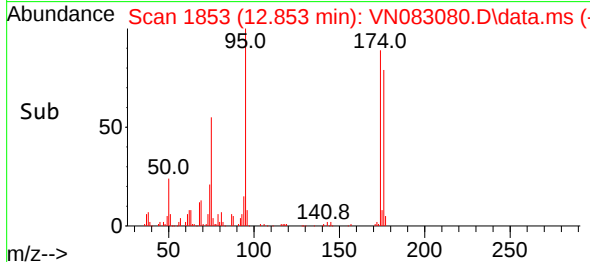
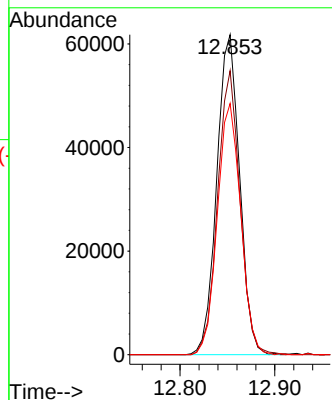
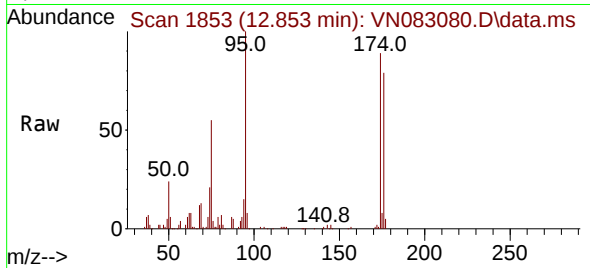




#62
4-Bromofluorobenzene
Concen: 45.556 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

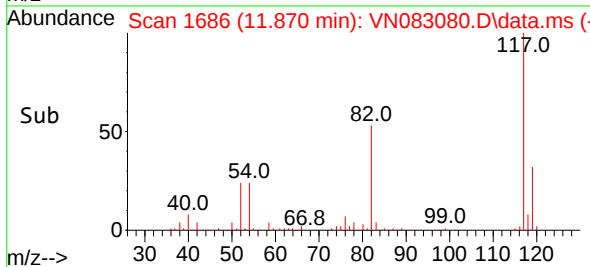
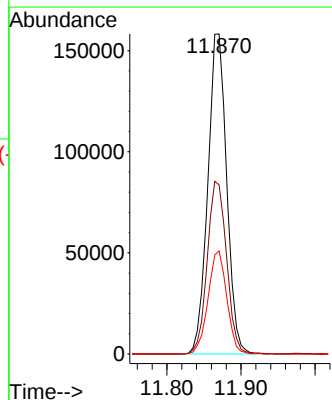
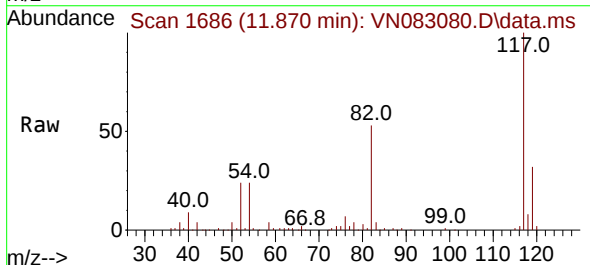
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#15

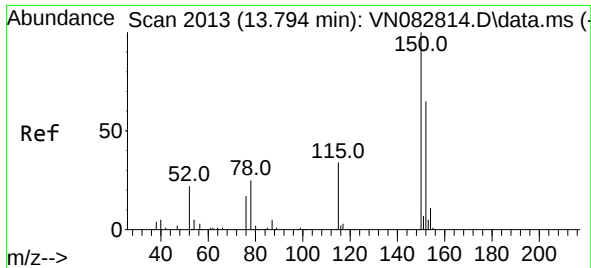
Tgt Ion: 95 Resp: 103724
Ion Ratio Lower Upper
95 100
174 86.8 0.0 159.2
176 80.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

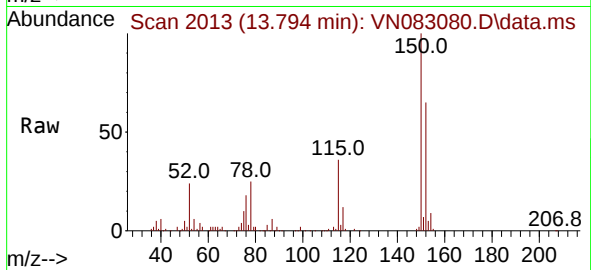
Tgt Ion: 117 Resp: 280006
Ion Ratio Lower Upper
117 100
82 52.9 47.5 71.3
119 32.2 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083080.D
Acq: 30 Jul 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#15



Tgt Ion:152 Resp: 114235
Ion Ratio Lower Upper
152 100
115 58.8 30.6 91.6
150 153.3 0.0 348.6

