

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083081.D
 Acq On : 30 Jul 2024 20:41
 Operator : JC\MD
 Sample : PB162353ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#16

Quant Time: Jul 31 06:09:19 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)

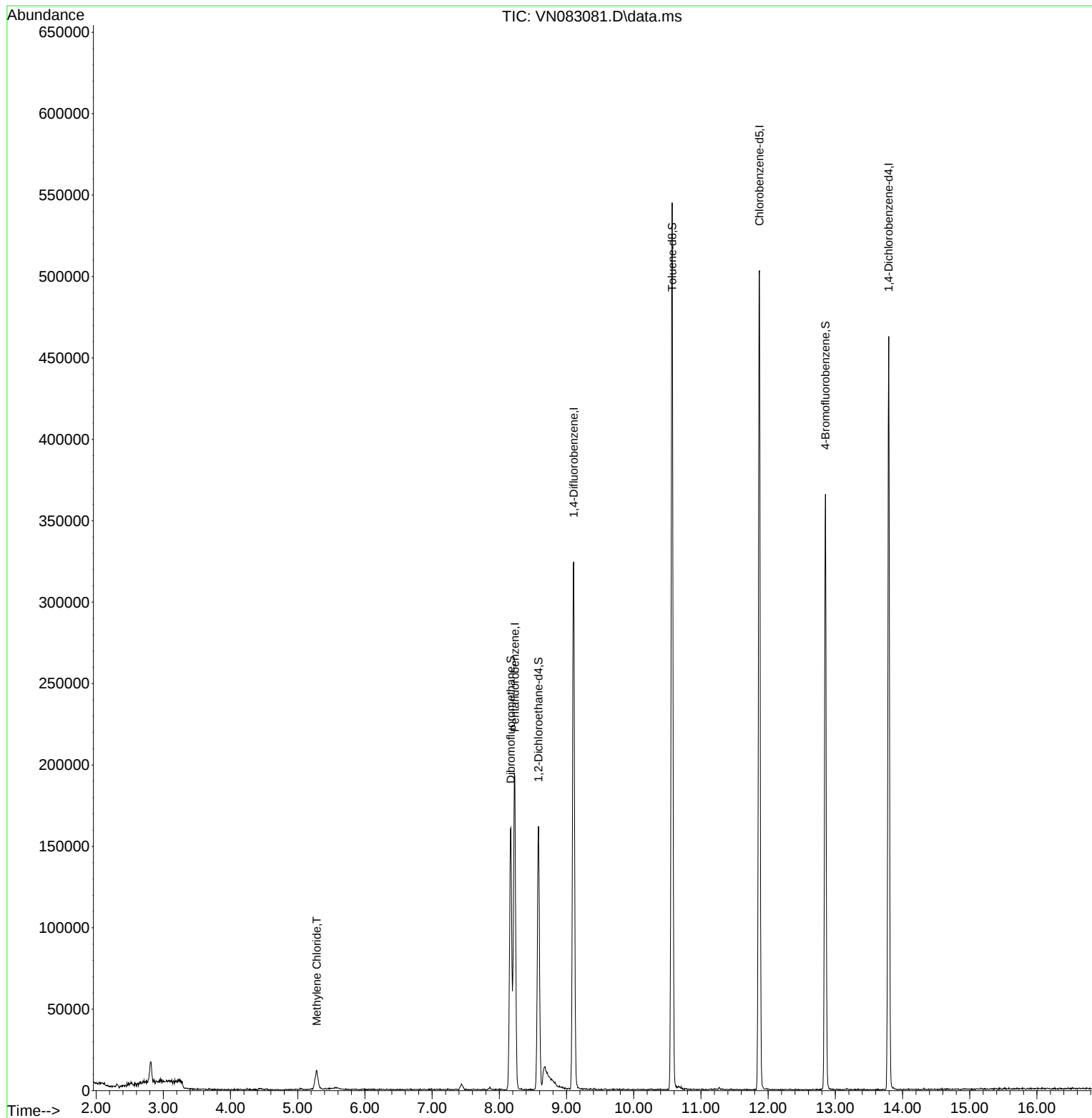
Internal Standards						
1) Pentafluorobenzene	8.230	168	133975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129149	68.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 137.540%#	
35) Dibromofluoromethane	8.171	113	109288	62.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.000%#	
50) Toluene-d8	10.571	98	361726	56.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.020%	
62) 4-Bromofluorobenzene	12.853	95	110787	47.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.283	84	8873	5.557	ug/l #	83

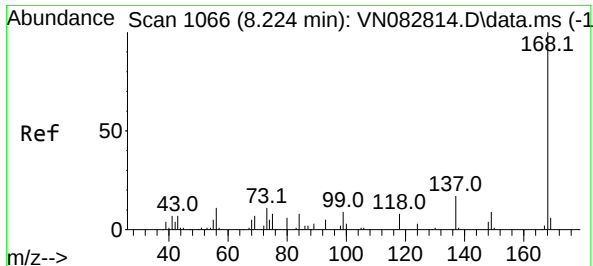
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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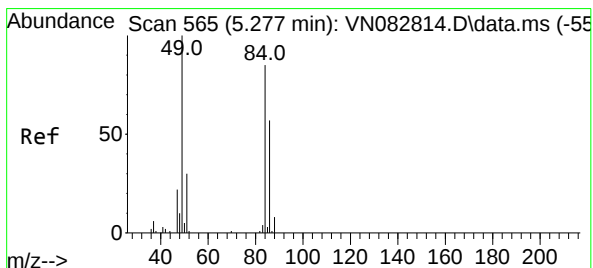
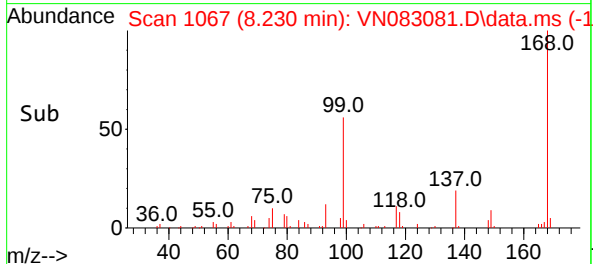
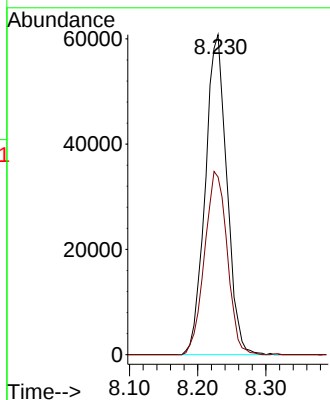
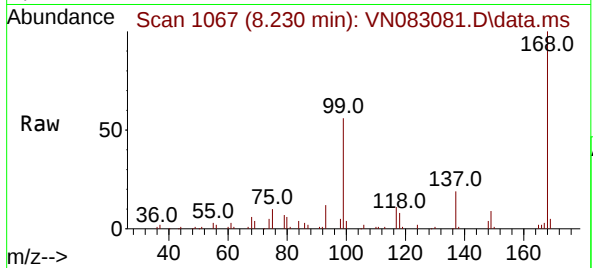




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

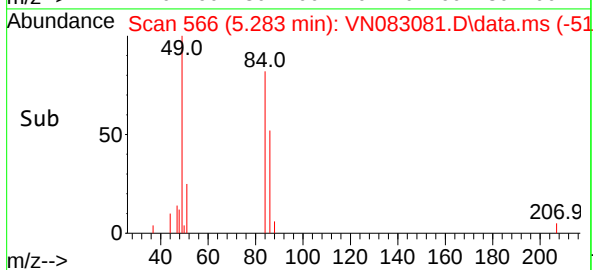
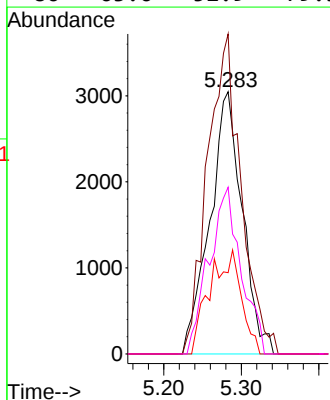
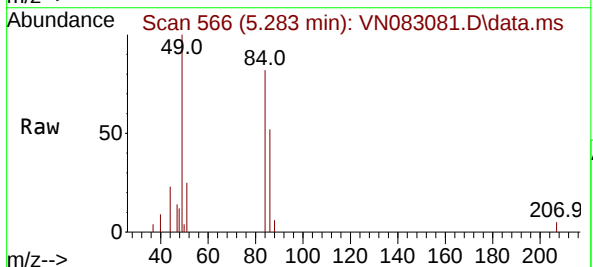
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#16

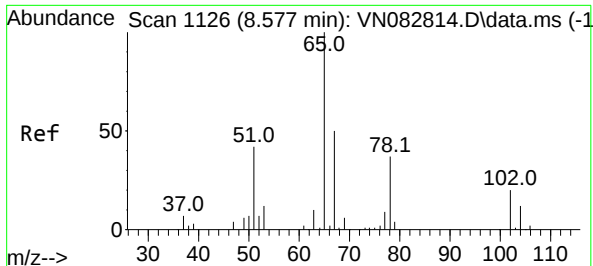
Tgt Ion:168 Resp: 133975
Ion Ratio Lower Upper
168 100
99 55.6 48.2 72.4



#20
Methylene Chloride
Concen: 5.557 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 84 Resp: 8873
Ion Ratio Lower Upper
84 100
49 122.1 119.6 179.4
51 31.0 34.8 52.2#
86 63.6 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 68.767 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083081.D

Acq: 30 Jul 2024 20:41

Instrument :

MSVOA_N

ClientSampleId :

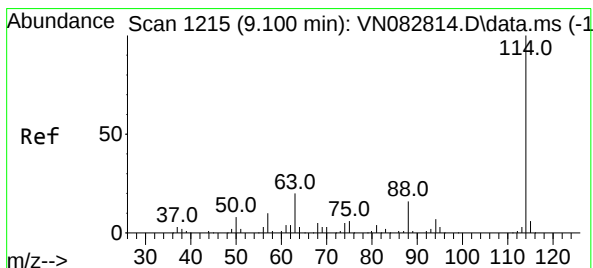
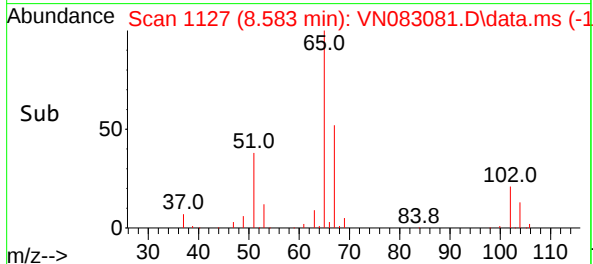
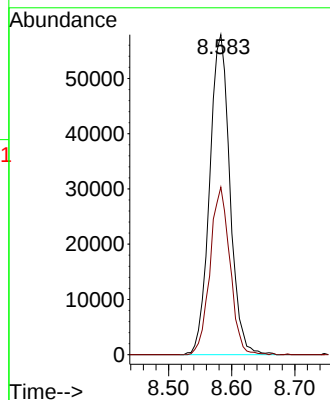
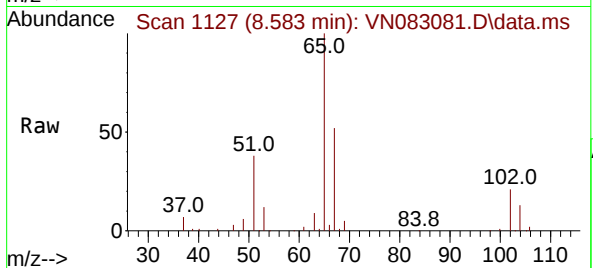
PB162353ZHE#16

Tgt Ion: 65 Resp: 129149

Ion Ratio Lower Upper

65 100

67 51.3 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: VN083081.D

Acq: 30 Jul 2024 20:41

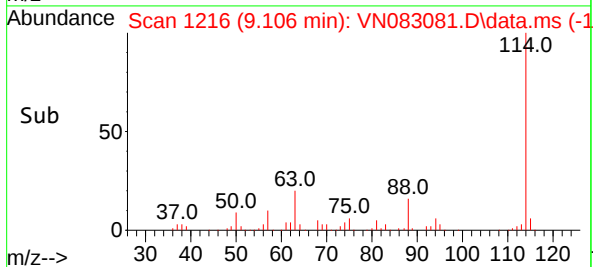
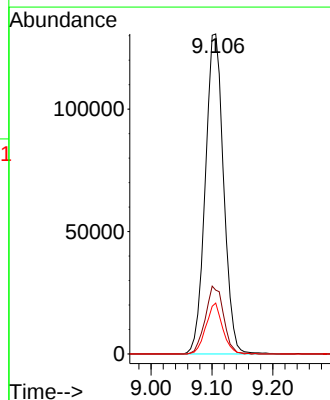
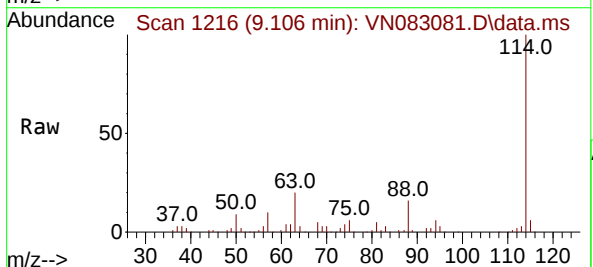
Tgt Ion: 114 Resp: 272489

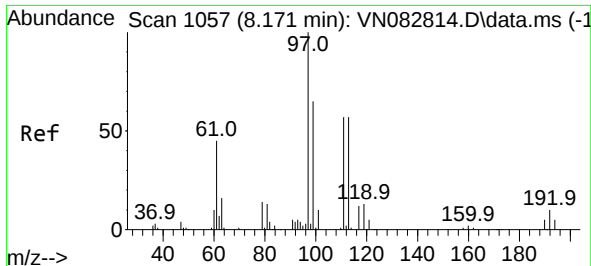
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.6

88 15.9 0.0 31.4

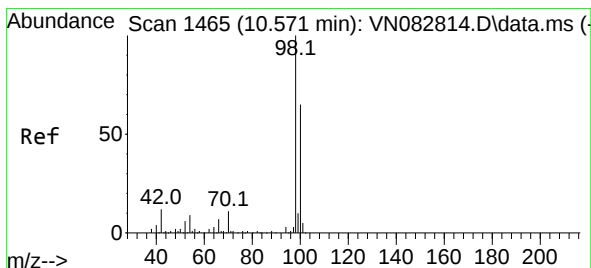
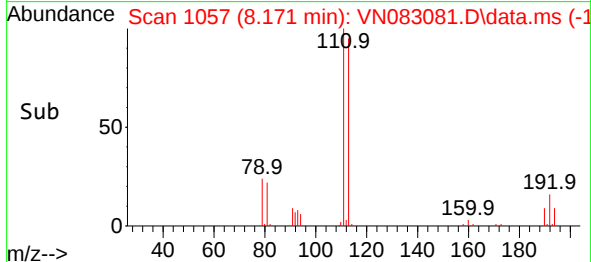
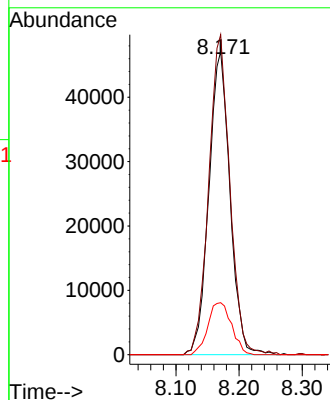
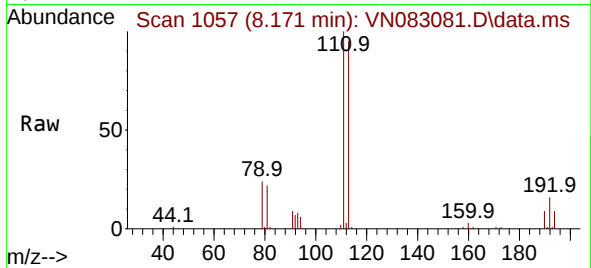




#35
Dibromofluoromethane
Concen: 62.504 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

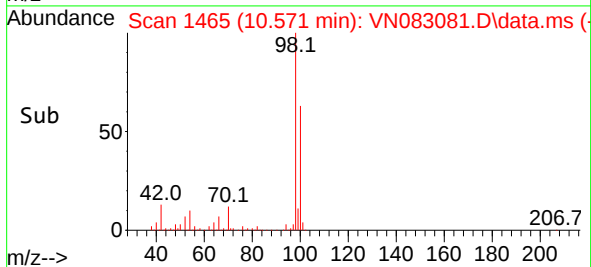
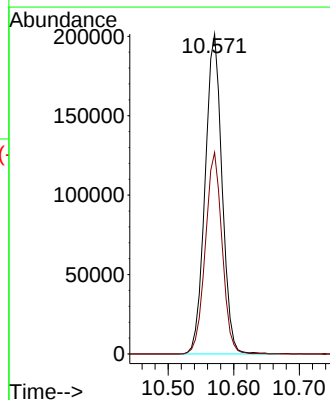
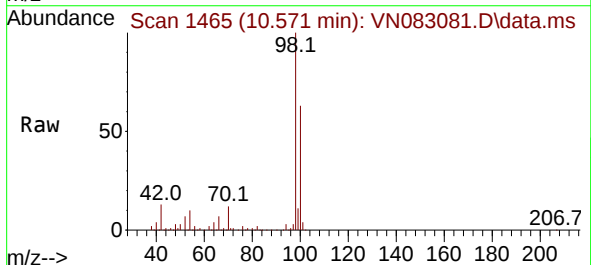
Instrument :
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PB162353ZHE#16

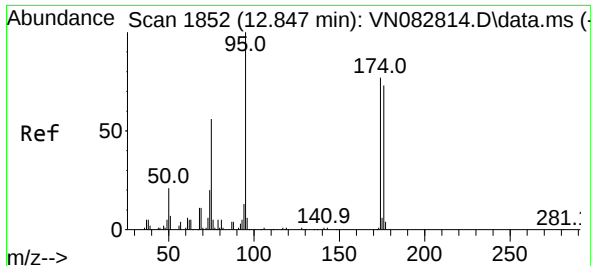
Tgt Ion:113 Resp: 109288
Ion Ratio Lower Upper
113 100
111 105.7 82.4 123.6
192 19.3 14.9 22.3



#50
Toluene-d8
Concen: 56.012 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

Tgt Ion: 98 Resp: 361726
Ion Ratio Lower Upper
98 100
100 62.5 51.5 77.3

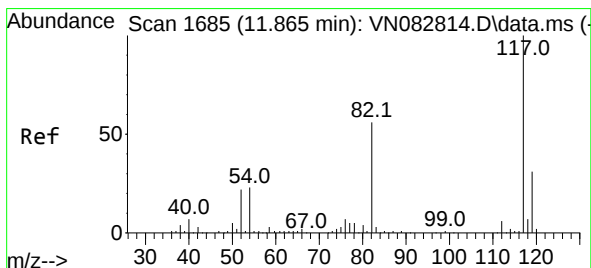
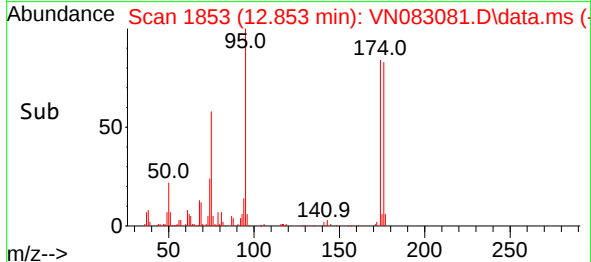
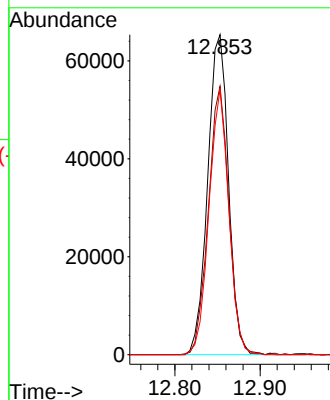
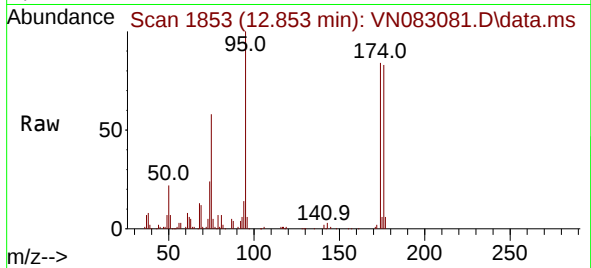




#62
4-Bromofluorobenzene
Concen: 47.758 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

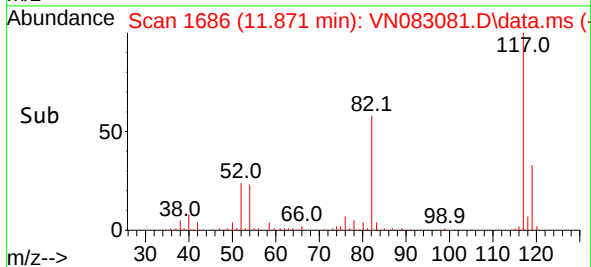
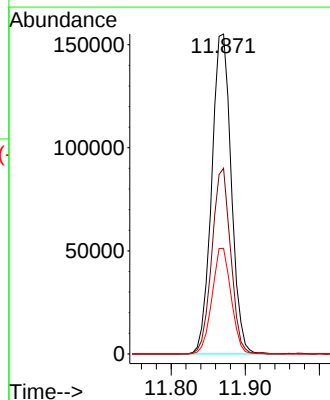
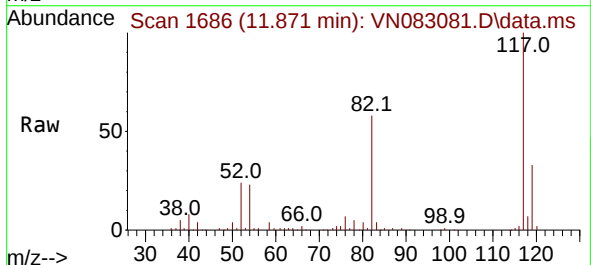
Instrument :
MSVOA_N
ClientSampleId :
PB162353ZHE#16

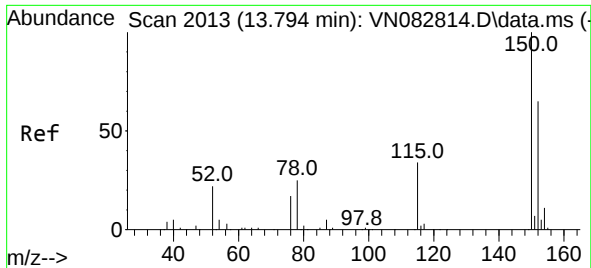
Tgt Ion: 95 Resp: 110787
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.2
176 78.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083081.D
Acq: 30 Jul 2024 20:41

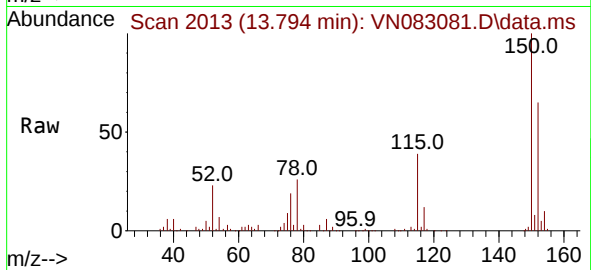
Tgt Ion: 117 Resp: 284314
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 33.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083081.D
 Acq: 30 Jul 2024 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162353ZHE#16



Tgt Ion:152 Resp: 118160
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.6 91.6
 150 157.7 0.0 348.6

