

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081478.D
 Acq On : 19 Mar 2024 18:08
 Operator : JC\MD
 Sample : P1773-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-2

Quant Time: Mar 20 01:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

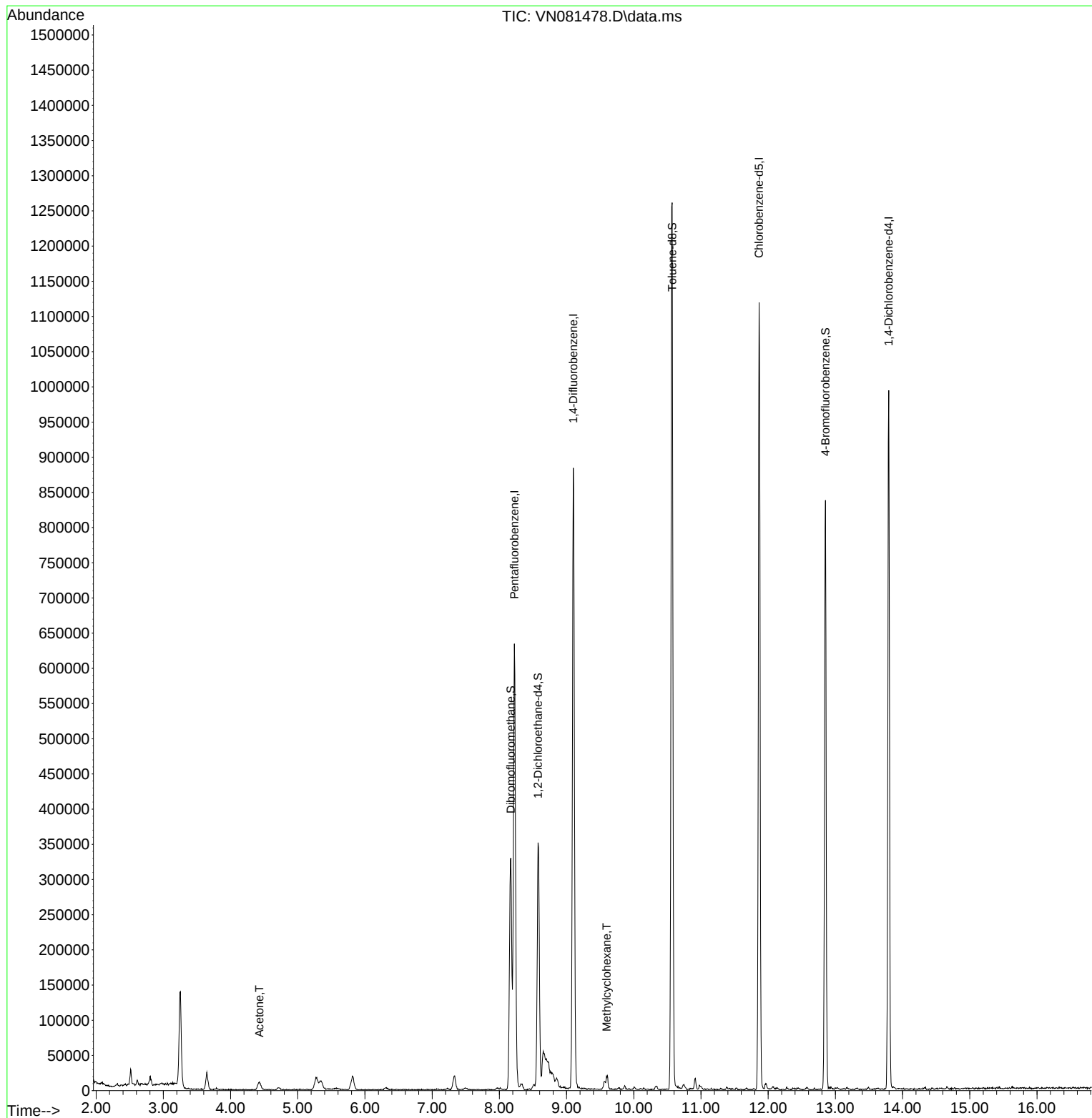
Internal Standards						
1) Pentafluorobenzene	8.224	168	441811	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	785619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	665094	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	285457	50.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.320%
35) Dibromofluoromethane	8.171	113	240049	48.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.571	98	898146	50.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.853	95	277815	43.991	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.980%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	11208	6.155	ug/l	# 75
39) Methylcyclohexane	9.594	83	10277	1.103	ug/l	# 83

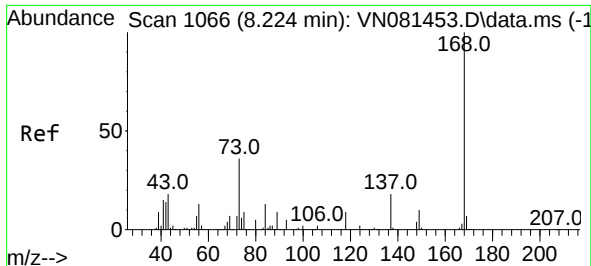
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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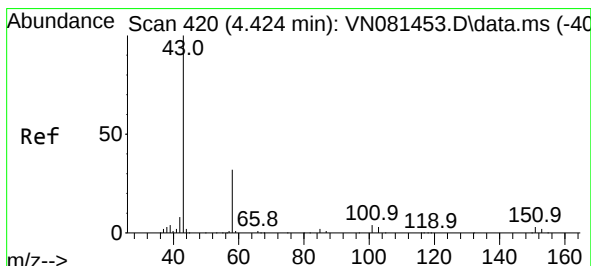
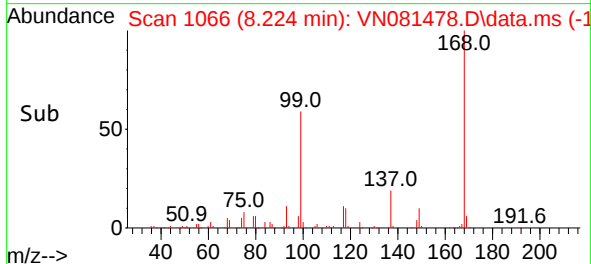
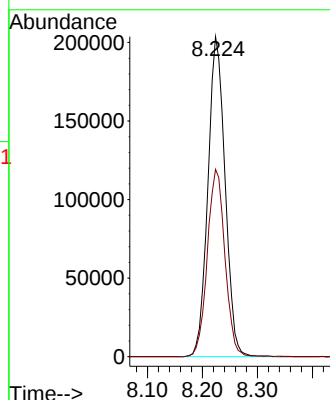
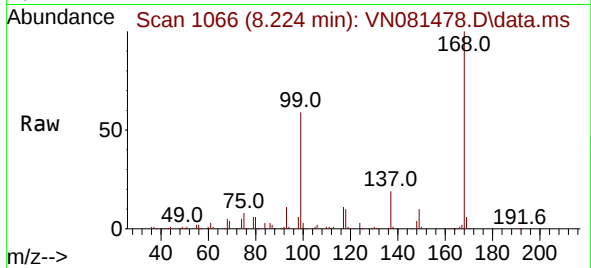




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

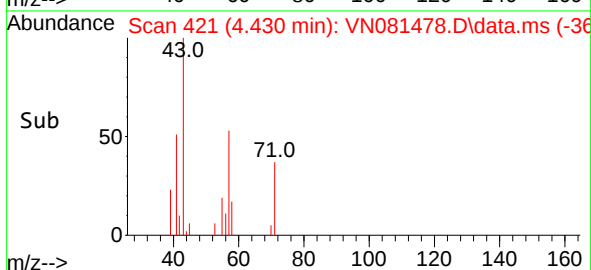
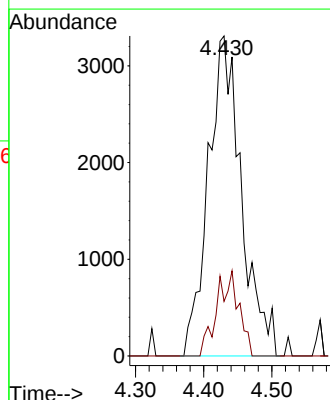
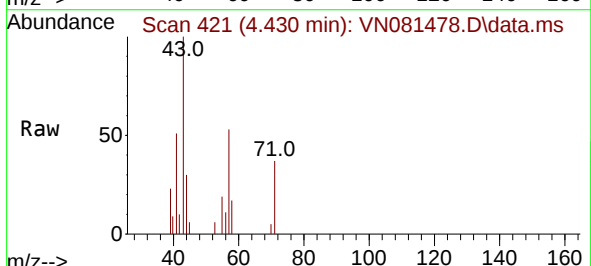
Instrument :
MSVOA_N
ClientSampleId :
PMW-2

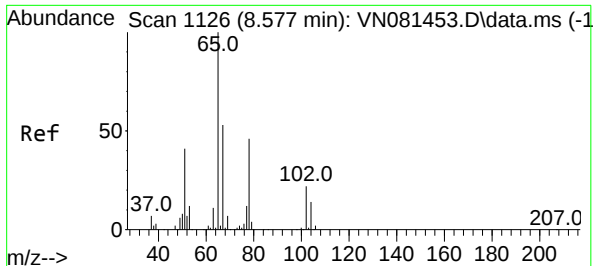
Tgt Ion:168 Resp: 441811
Ion Ratio Lower Upper
168 100
99 58.6 59.9 89.9#



#16
Acetone
Concen: 6.155 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 43 Resp: 11208
Ion Ratio Lower Upper
43 100
58 17.0 24.8 37.2#

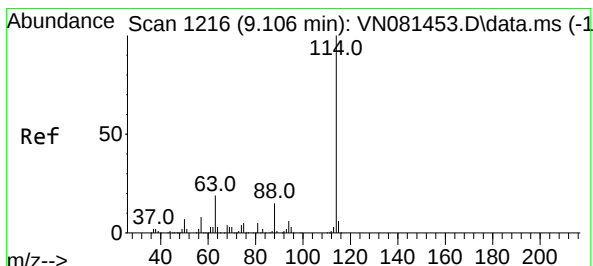
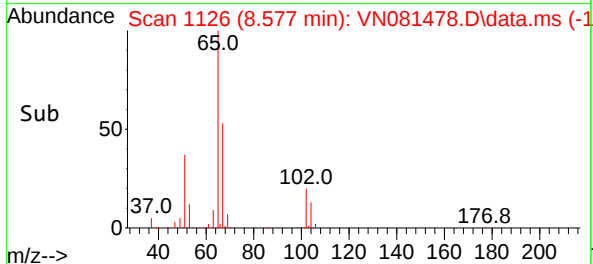
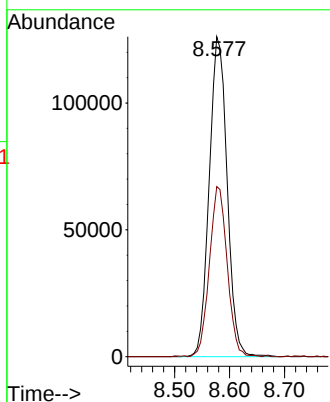
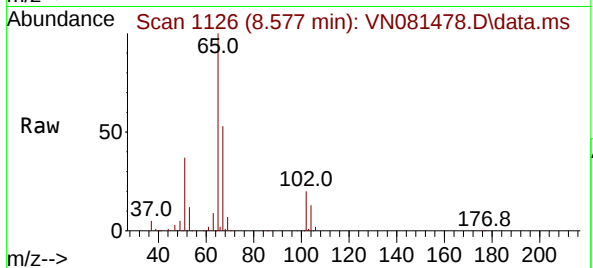




#33
 1,2-Dichloroethane-d4
 Concen: 50.664 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

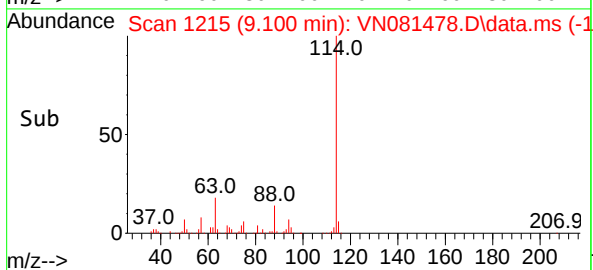
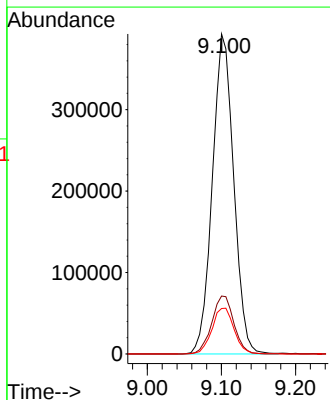
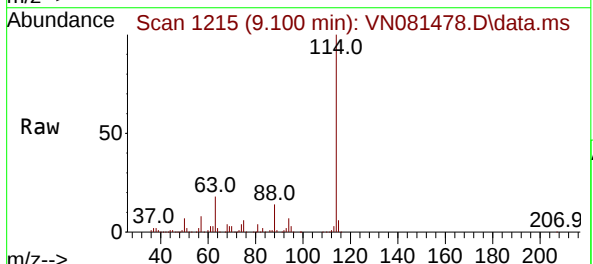
Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-2

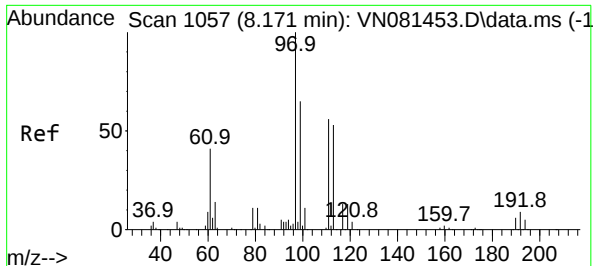
Tgt Ion: 65 Resp: 285457
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081478.D
 Acq: 19 Mar 2024 18:08

Tgt Ion: 114 Resp: 785619
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 48.0
 88 14.2 0.0 34.8

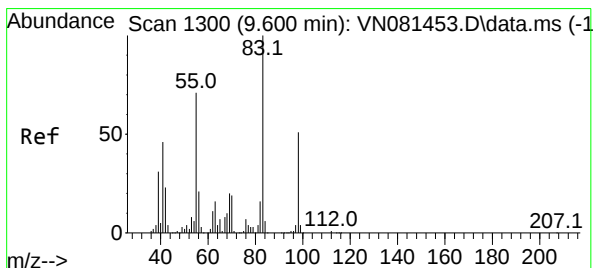
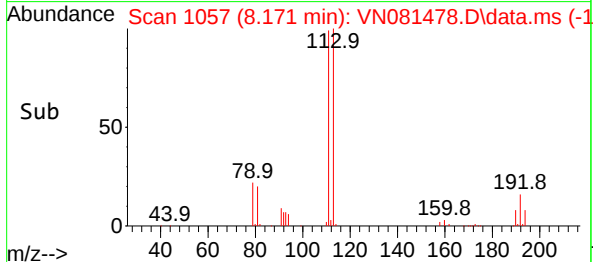
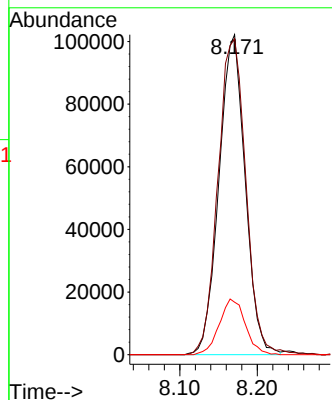
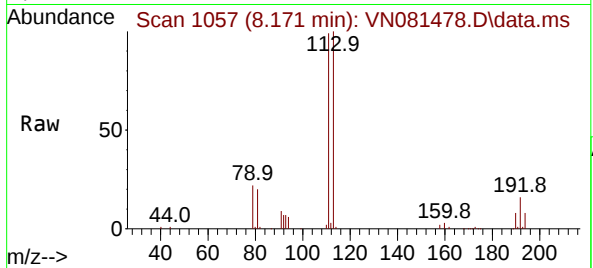




#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

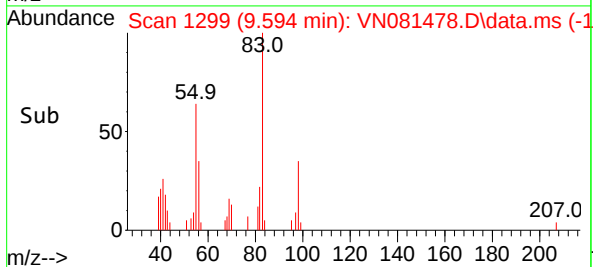
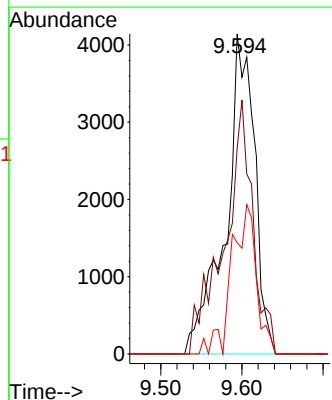
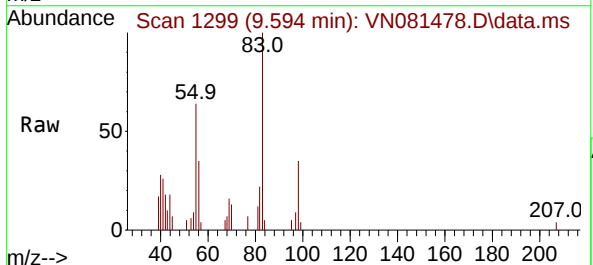
Instrument :
MSVOA_N
ClientSampleId :
PMW-2

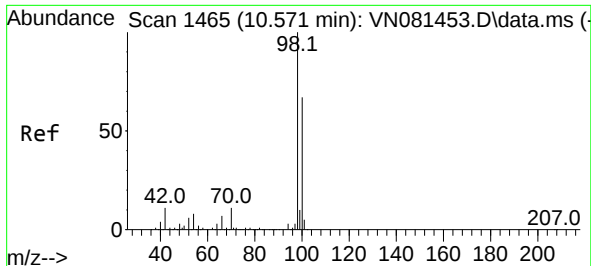
Tgt Ion:113 Resp: 240049
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 17.3 12.5 18.7



#39
Methylcyclohexane
Concen: 1.103 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 83 Resp: 10277
Ion Ratio Lower Upper
83 100
55 64.3 65.7 98.5#
98 34.8 33.8 50.6

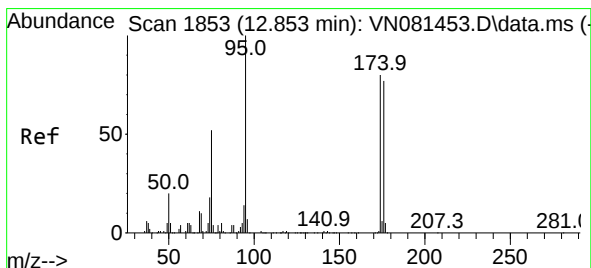
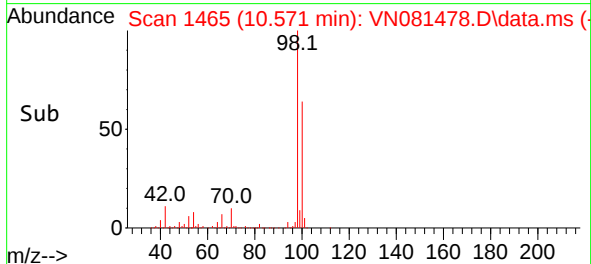
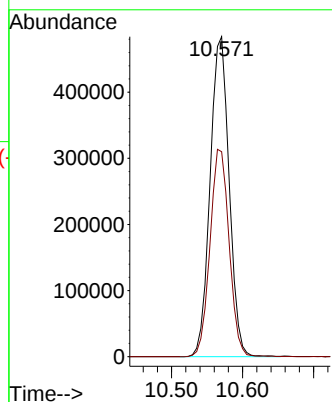
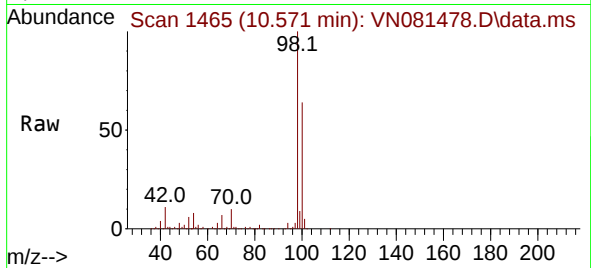




#50
Toluene-d8
Concen: 50.112 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

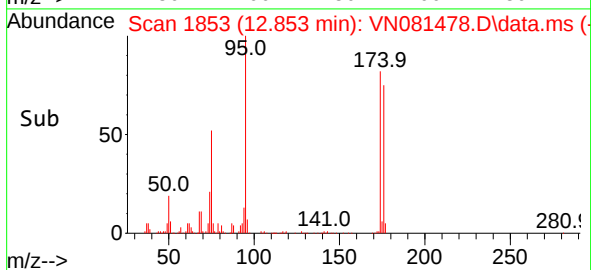
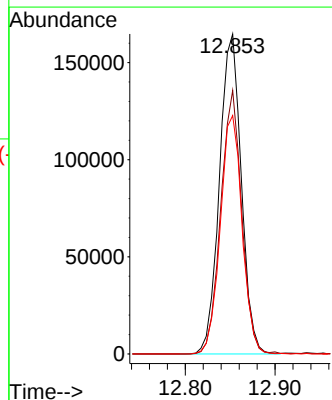
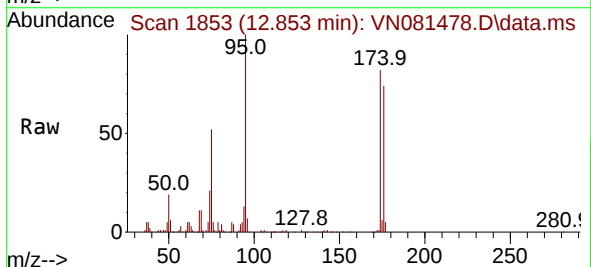
Instrument :
MSVOA_N
ClientSampleId :
PMW-2

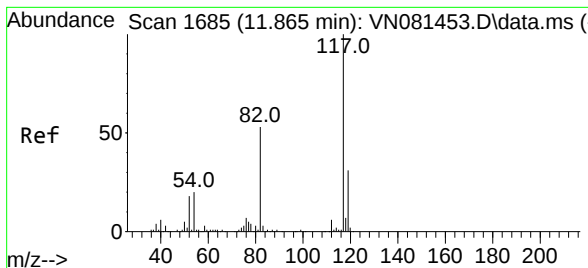
Tgt Ion: 98 Resp: 898146
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.991 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081478.D
Acq: 19 Mar 2024 18:08

Tgt Ion: 95 Resp: 277815
Ion Ratio Lower Upper
95 100
174 79.2 0.0 120.4
176 74.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

Instrument :

MSVOA_N

ClientSampleId :

PMW-2

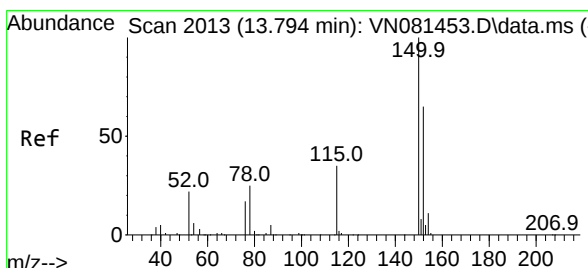
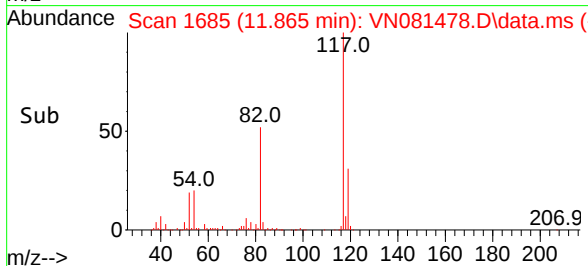
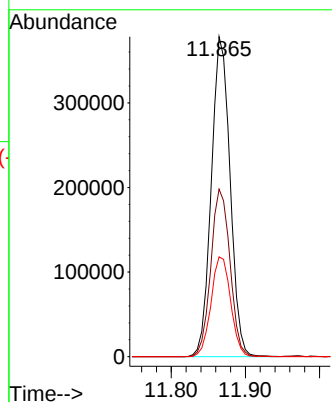
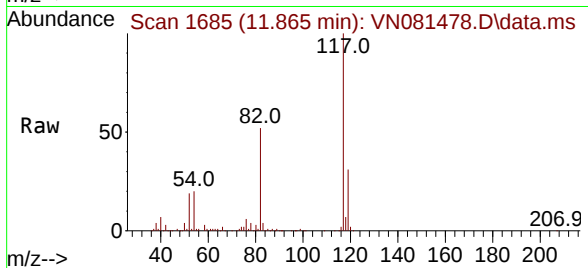
Tgt Ion:117 Resp: 665094

Ion Ratio Lower Upper

117 100

82 52.4 52.7 79.1#

119 31.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081478.D

Acq: 19 Mar 2024 18:08

Tgt Ion:152 Resp: 270117

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 154.0 0.0 339.8

