

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081466.D
 Acq On : 19 Mar 2024 13:23
 Operator : JC\MD
 Sample : P1769-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Mar 20 01:16:46 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)

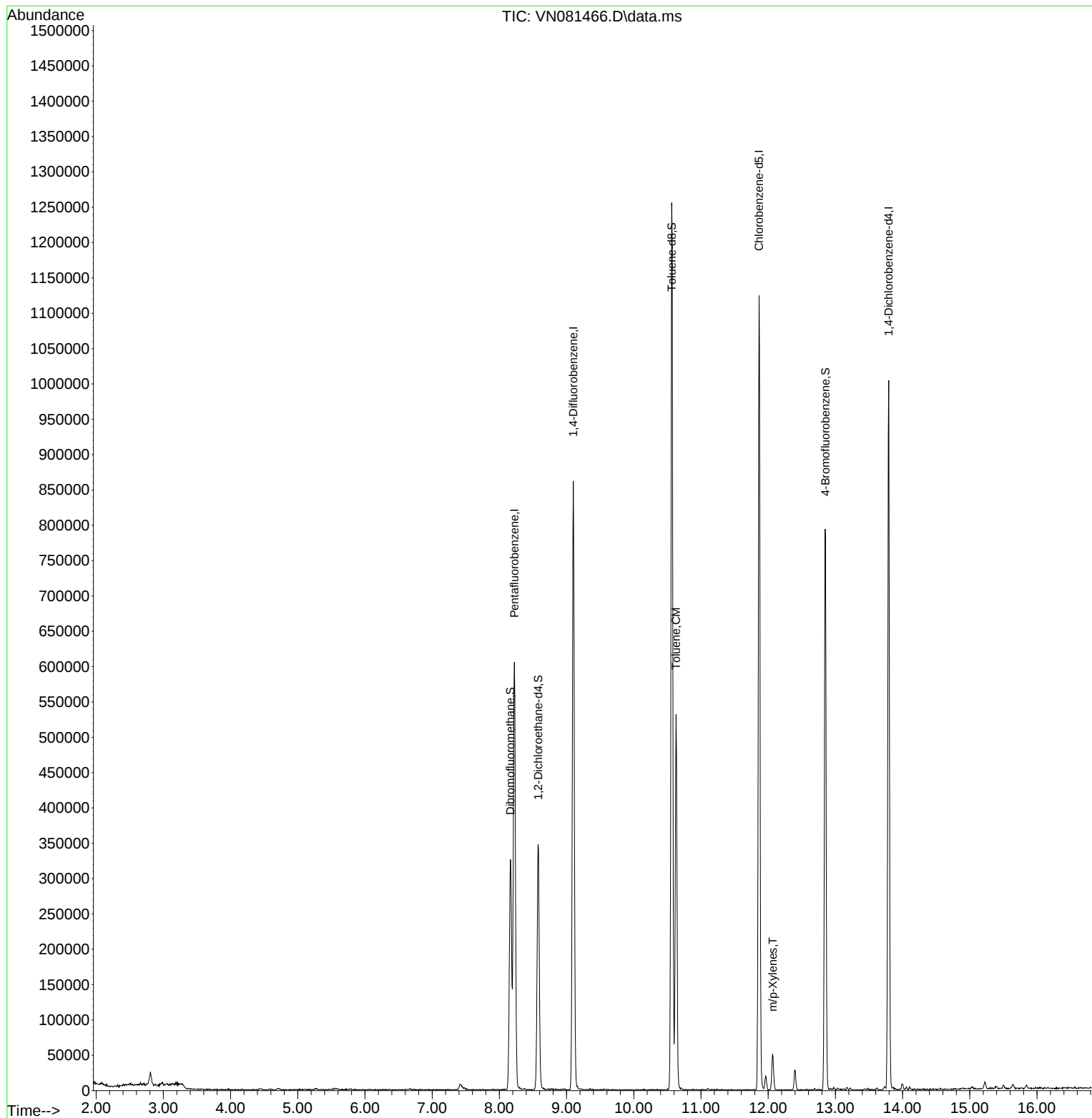
Internal Standards						
1) Pentafluorobenzene	8.224	168	441370	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	752395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	651440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	281244	49.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.940%
35) Dibromofluoromethane	8.165	113	230017	48.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	10.565	98	877679	51.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.853	95	276683	45.746	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.500%
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	225089	15.159	ug/l	96
68) m/p-Xylenes	12.071	106	16859	1.681	ug/l	85

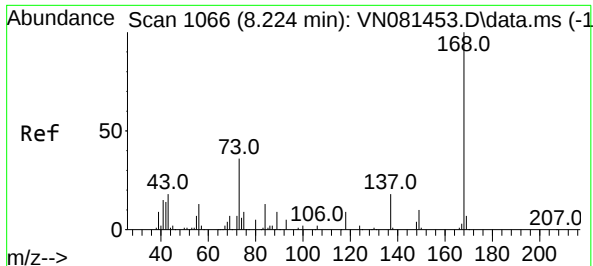
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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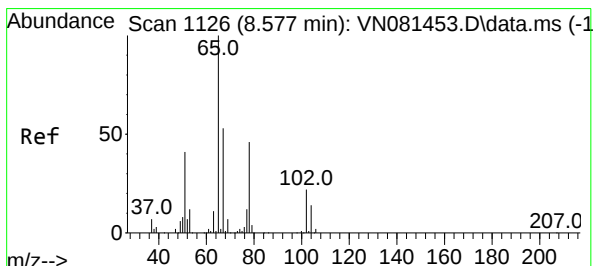
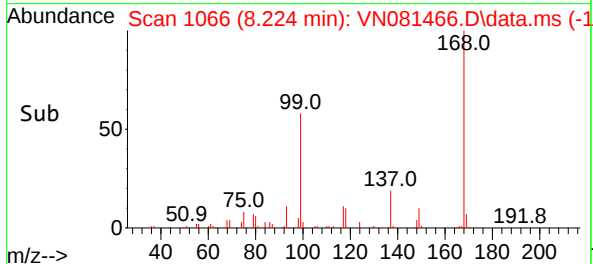
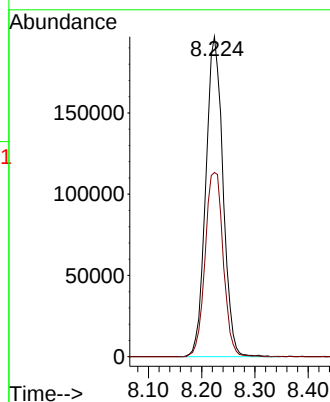
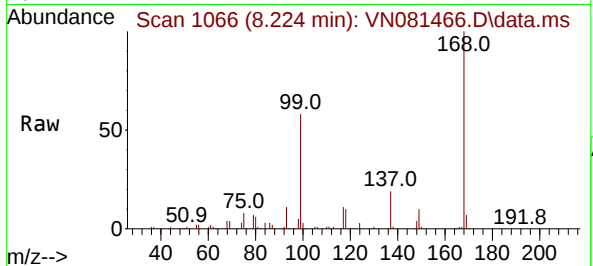




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

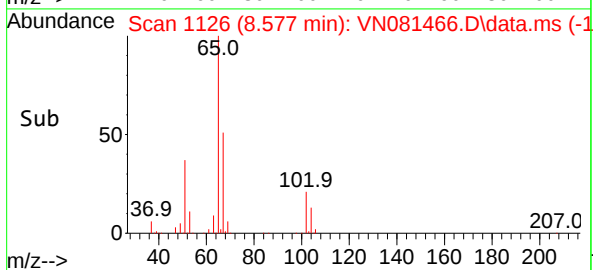
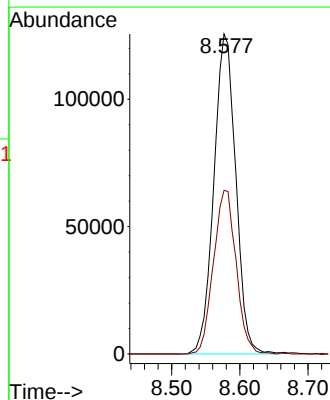
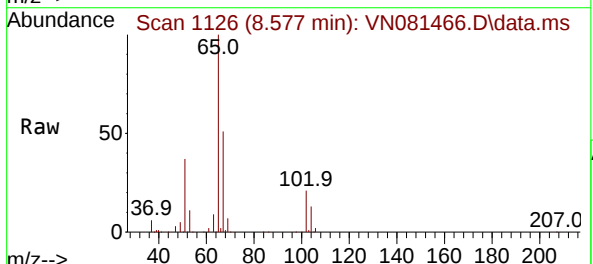
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

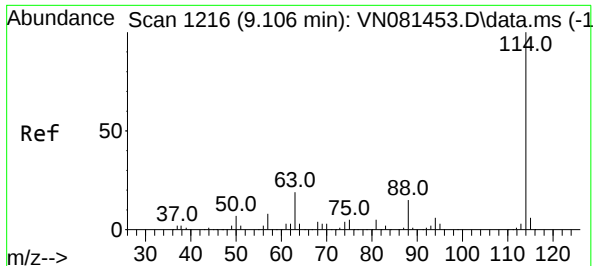
Tgt Ion:168 Resp: 441370
Ion Ratio Lower Upper
168 100
99 57.6 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 49.967 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

Tgt Ion: 65 Resp: 281244
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# 1

Delta R.T. -0.006 min

Lab File: VN081466.D

Acq: 19 Mar 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

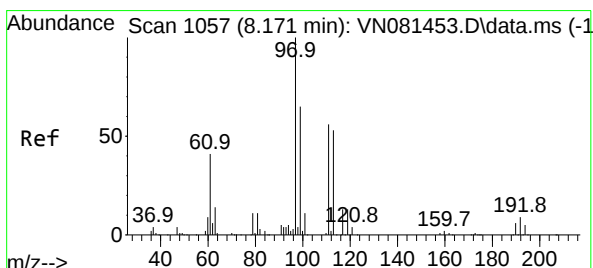
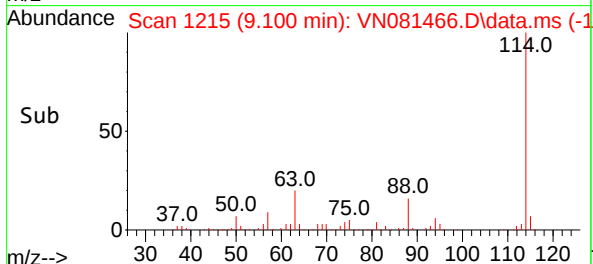
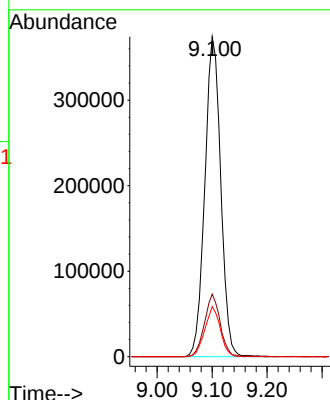
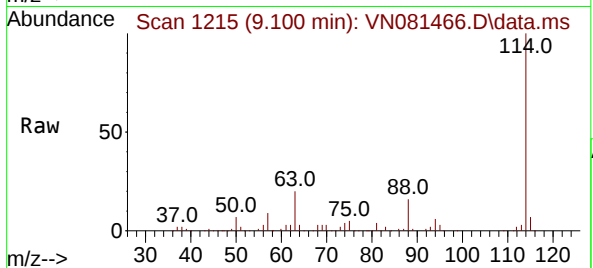
Tgt Ion:114 Resp: 752395

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.441 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081466.D

Acq: 19 Mar 2024 13:23

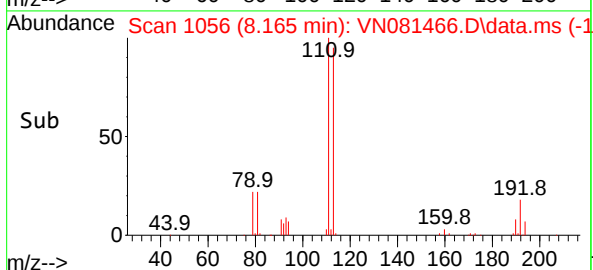
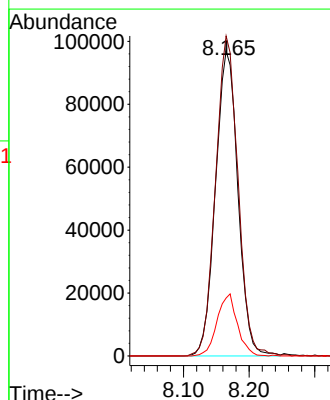
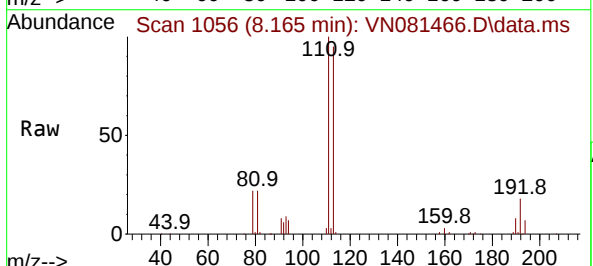
Tgt Ion:113 Resp: 230017

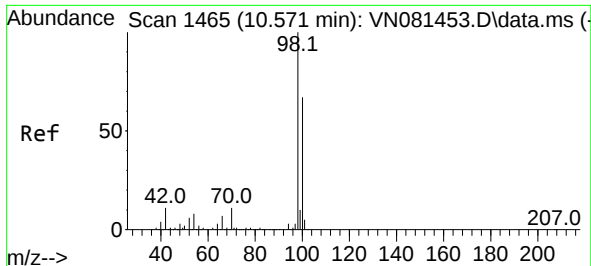
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 18.4 12.5 18.7

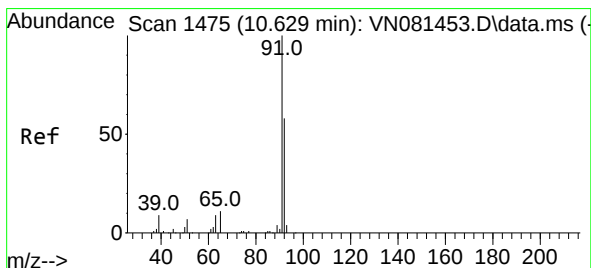
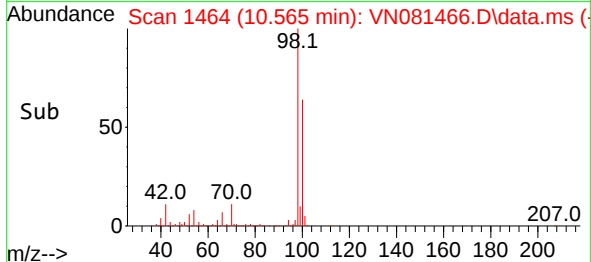
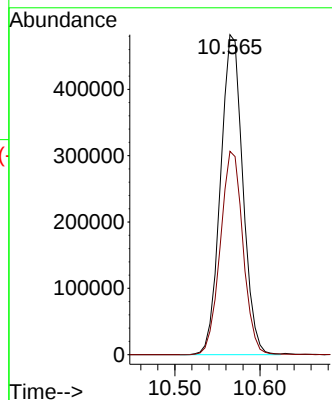
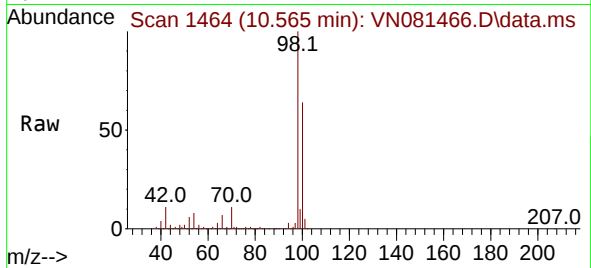




#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

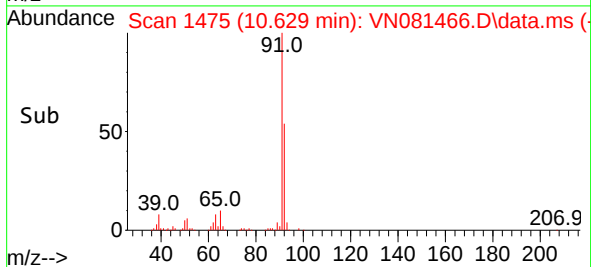
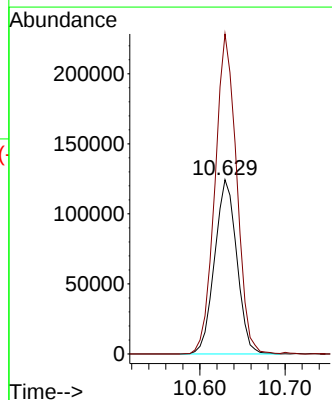
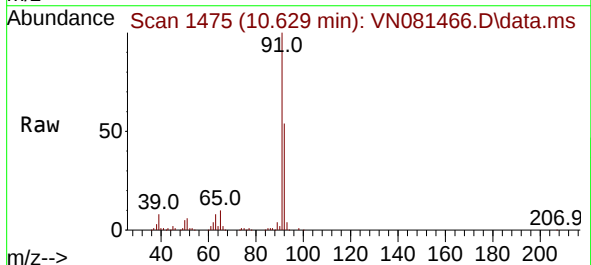
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

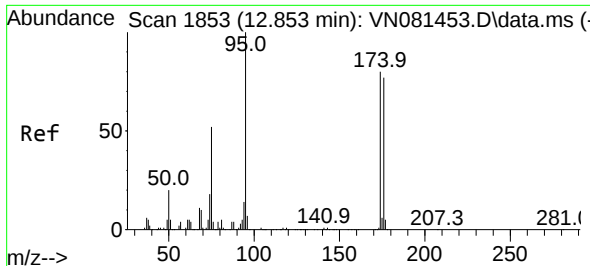
Tgt Ion: 98 Resp: 877679
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#52
Toluene
Concen: 15.159 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

Tgt Ion: 92 Resp: 225089
Ion Ratio Lower Upper
92 100
91 179.4 139.4 209.0

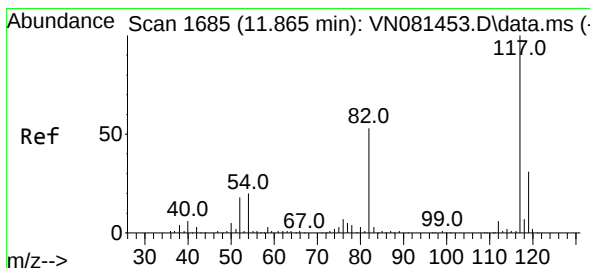
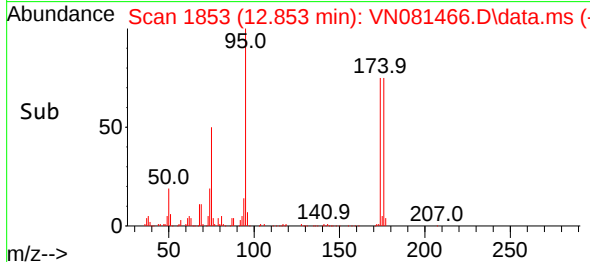
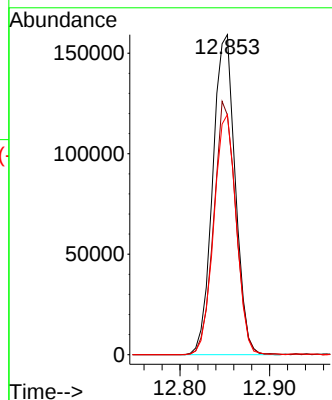
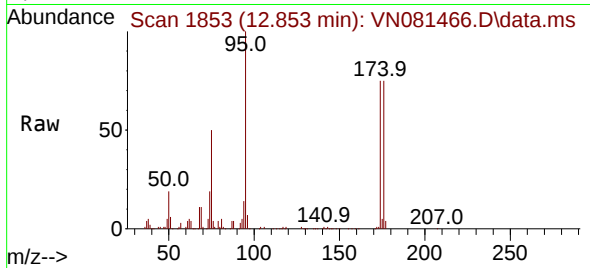




#62
4-Bromofluorobenzene
Concen: 45.746 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

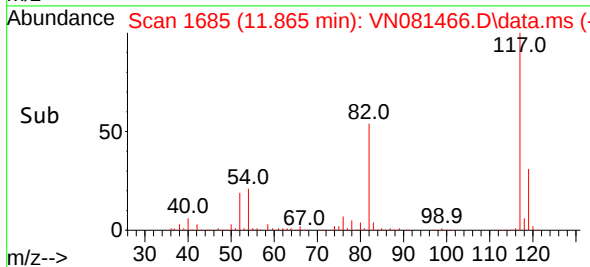
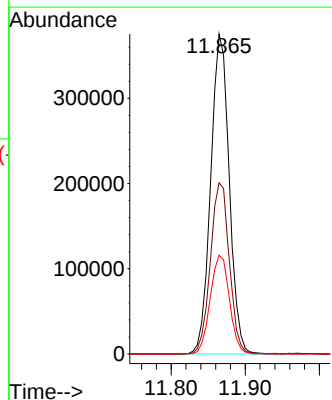
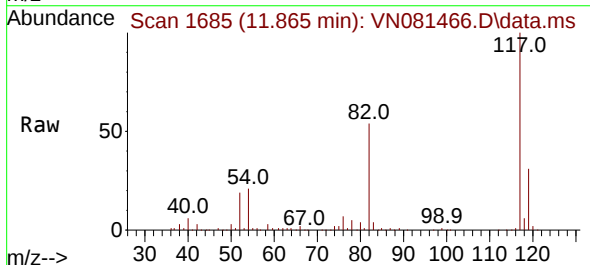
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

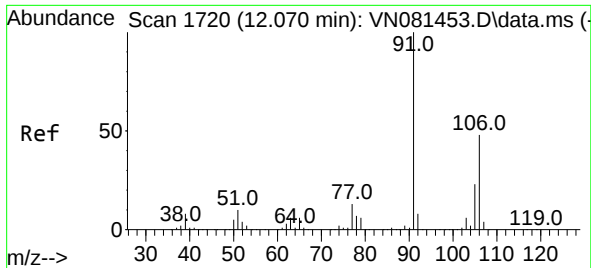
Tgt Ion: 95 Resp: 276683
Ion Ratio Lower Upper
95 100
174 77.5 0.0 120.4
176 74.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

Tgt Ion: 117 Resp: 651440
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 30.9 25.3 37.9

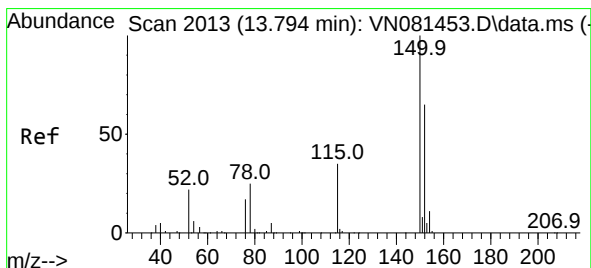
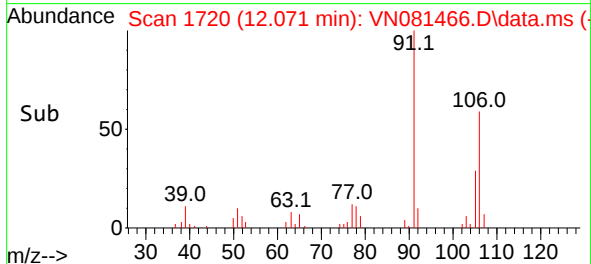
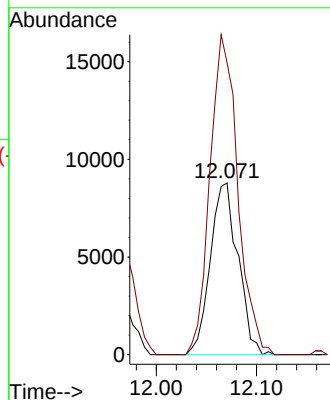
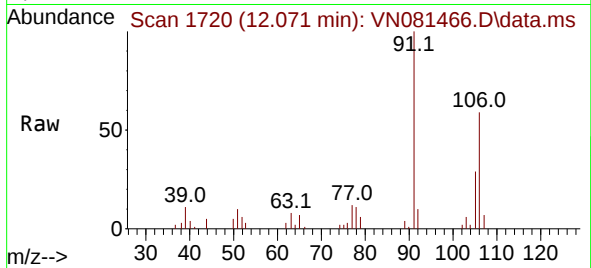




#68
m/p-Xylenes
Concen: 1.681 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tgt Ion:106 Resp: 16859
Ion Ratio Lower Upper
106 100
91 187.4 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081466.D
Acq: 19 Mar 2024 13:23

Tgt Ion:152 Resp: 262060
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 159.6 0.0 339.8

