

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081120.D
 Acq On : 21 Feb 2024 15:10
 Operator : JC\MD
 Sample : P1546-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1331

Quant Time: Feb 22 04:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

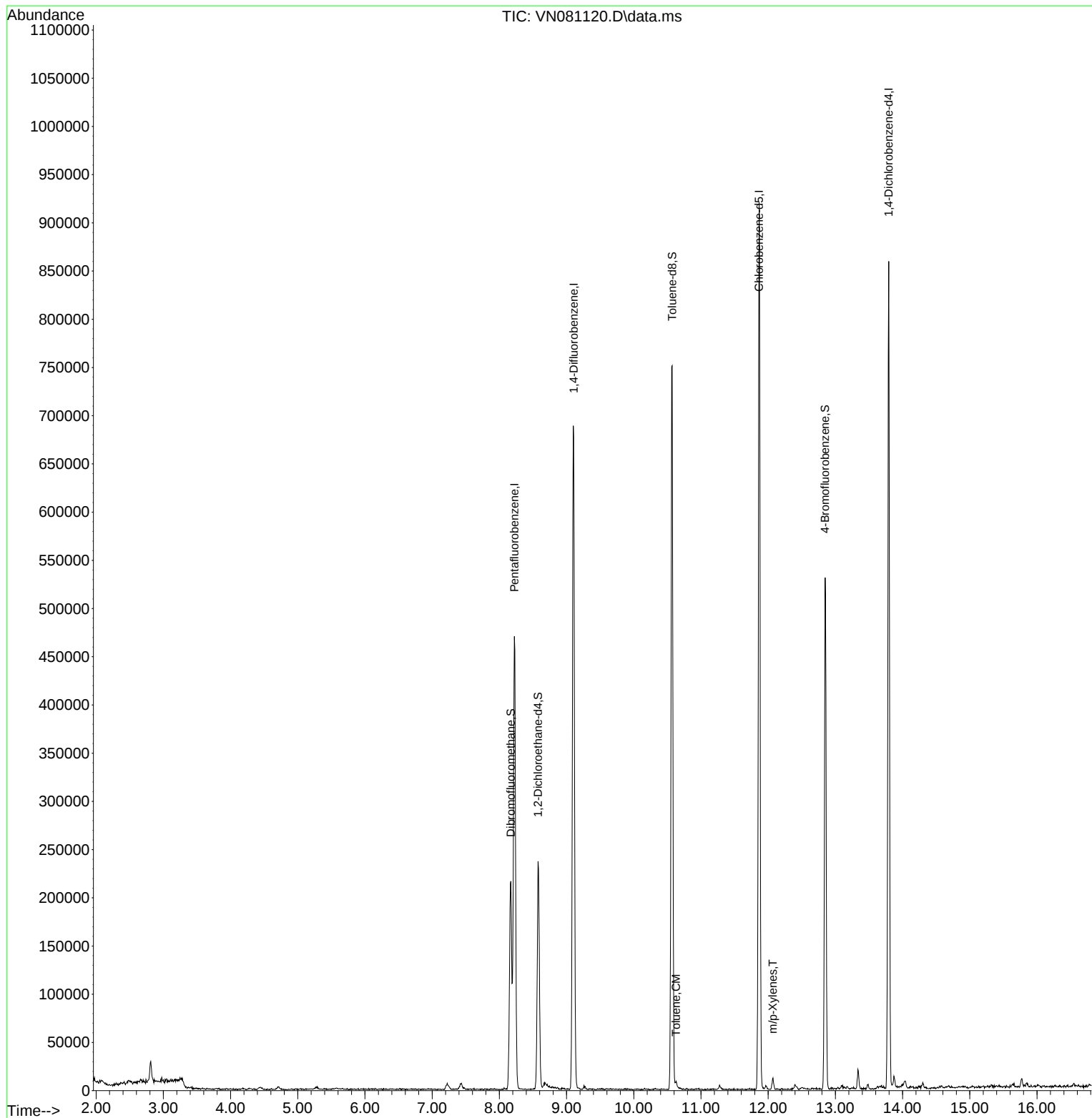
Internal Standards						
1) Pentafluorobenzene	8.224	168	332016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	531754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	185067	45.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.171	113	156888	45.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.520%
50) Toluene-d8	10.571	98	525728	42.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.400%#
62) 4-Bromofluorobenzene	12.847	95	188073	40.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.300%#
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	3042	0.280	ug/l	95
68) m/p-Xylenes	12.070	106	3648	0.462	ug/l	87

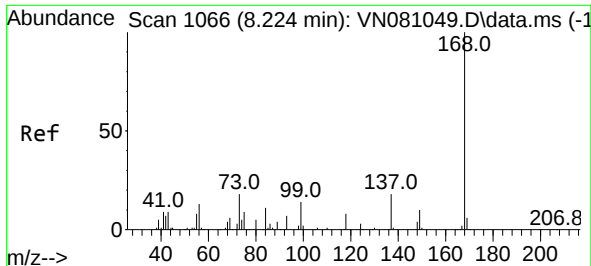
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 16 23:45:20 2024
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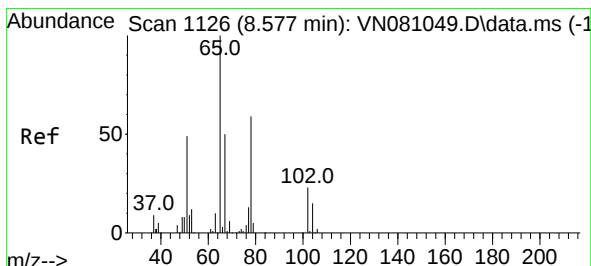
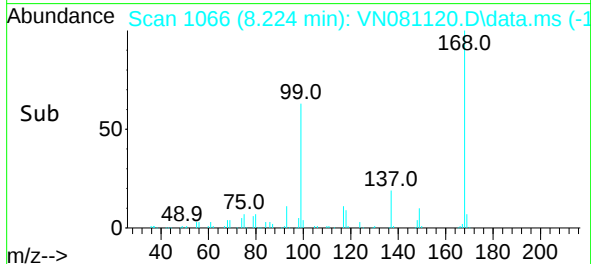
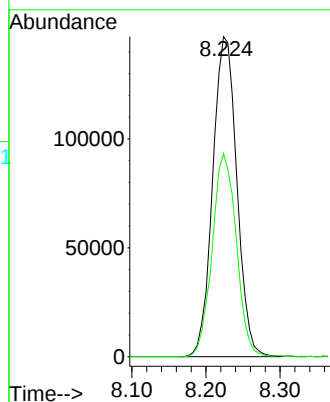
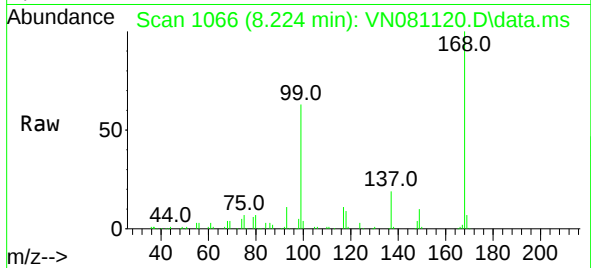




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

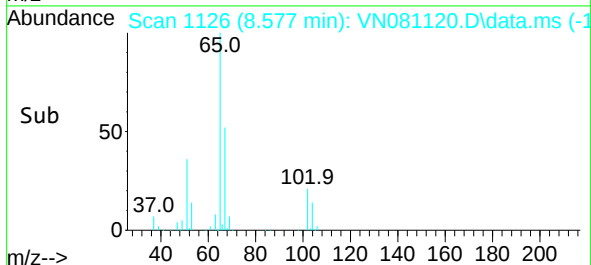
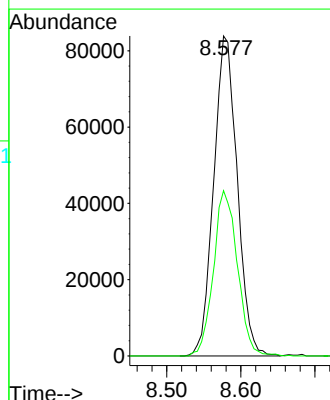
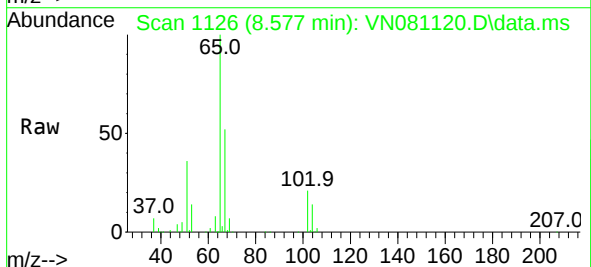
Instrument :
MSVOA_N
ClientSampleId :
1331

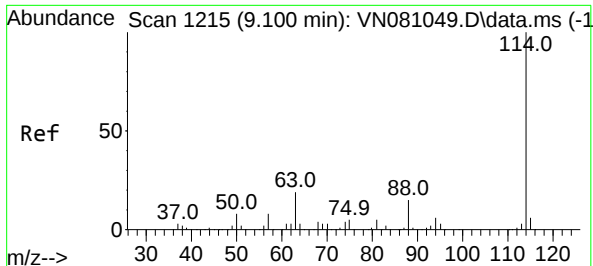
Tgt Ion:168 Resp: 332016
Ion Ratio Lower Upper
168 100
99 63.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Tgt Ion: 65 Resp: 185067
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

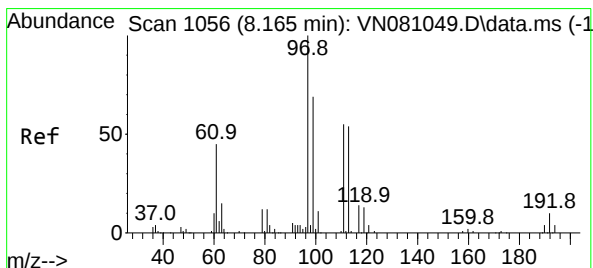
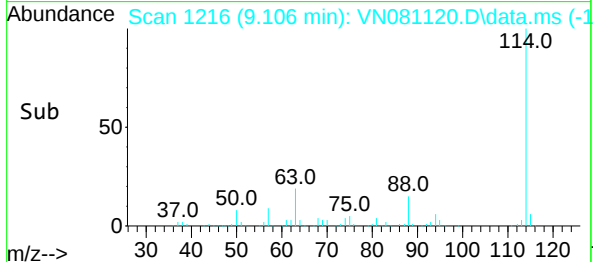
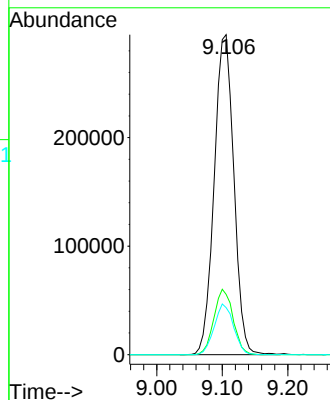
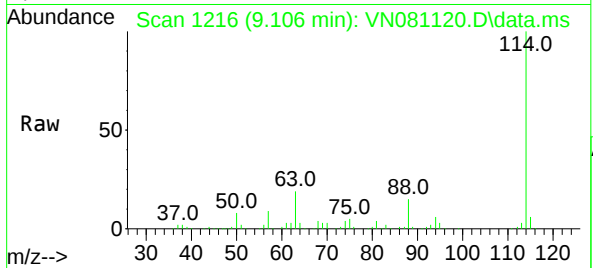




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

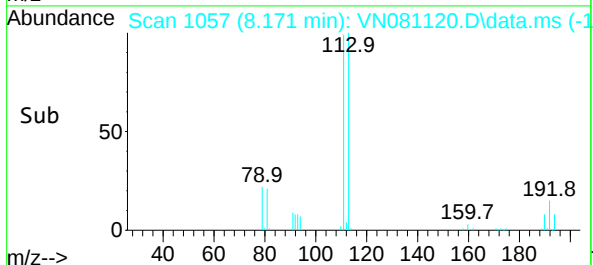
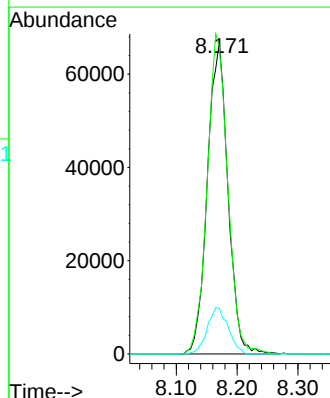
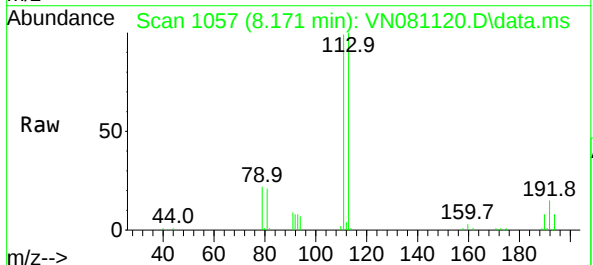
Instrument :
MSVOA_N
ClientSampleId :
1331

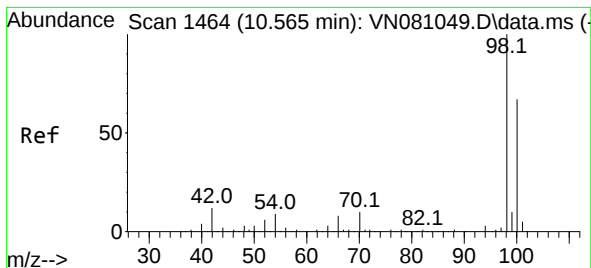
Tgt Ion:114 Resp: 613008
Ion Ratio Lower Upper
114 100
63 18.8 0.0 48.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 45.260 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Tgt Ion:113 Resp: 156888
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 15.2 12.5 18.7

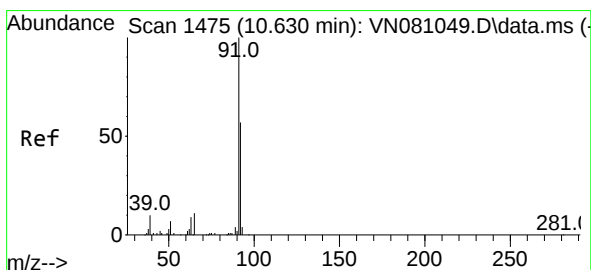
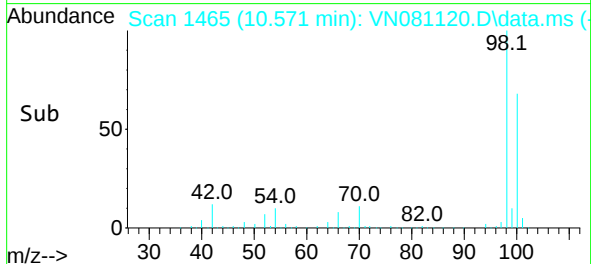
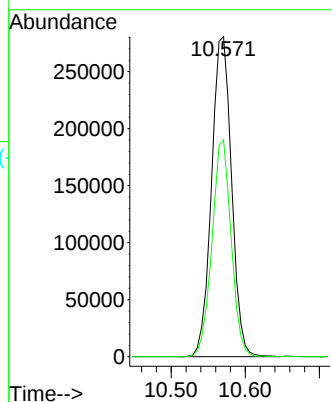
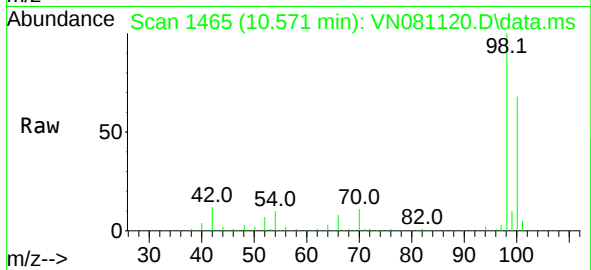




#50
Toluene-d8
Concen: 42.702 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

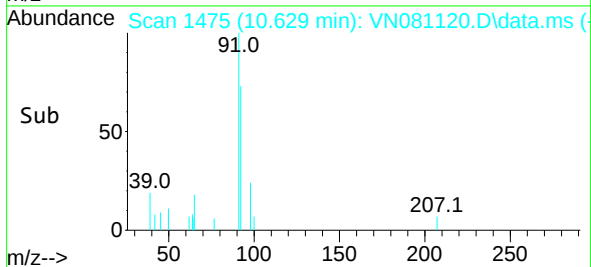
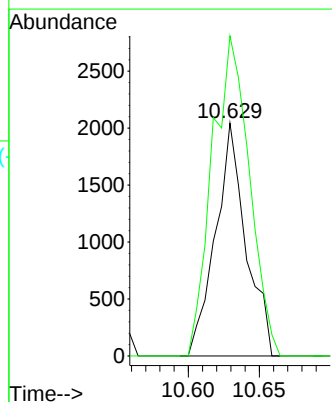
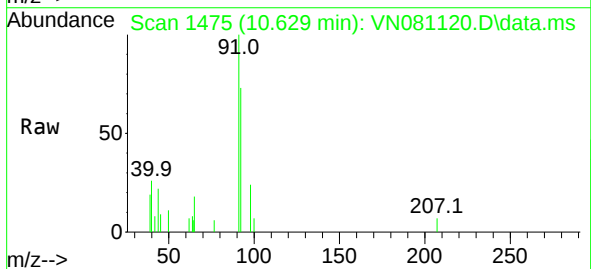
Instrument :
MSVOA_N
ClientSampleId :
1331

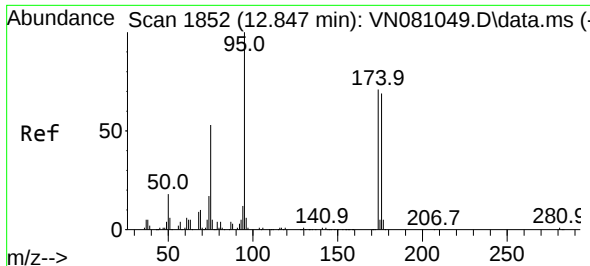
Tgt Ion: 98 Resp: 525728
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#52
Toluene
Concen: 0.280 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Tgt Ion: 92 Resp: 3042
Ion Ratio Lower Upper
92 100
91 167.8 139.4 209.0

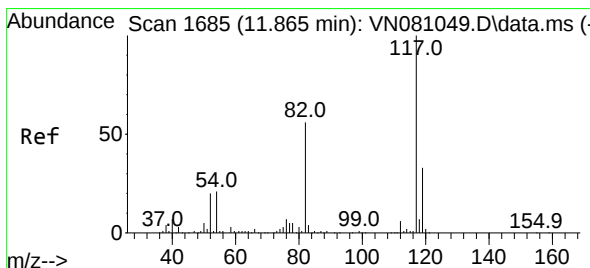
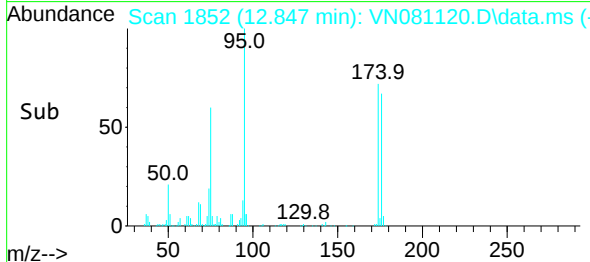
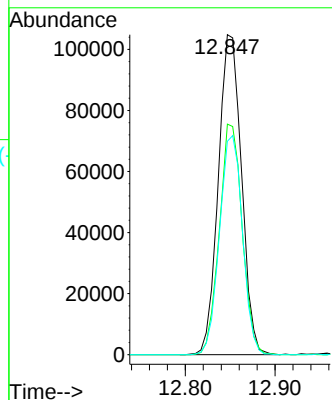
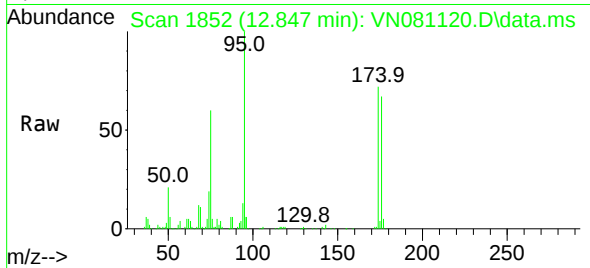




#62
4-Bromofluorobenzene
Concen: 40.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

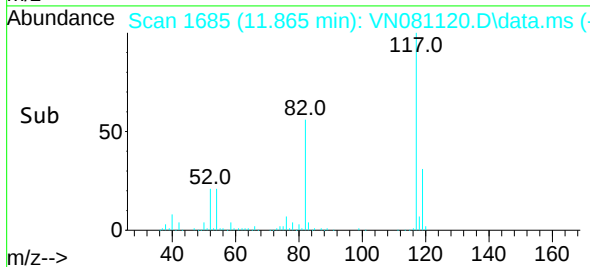
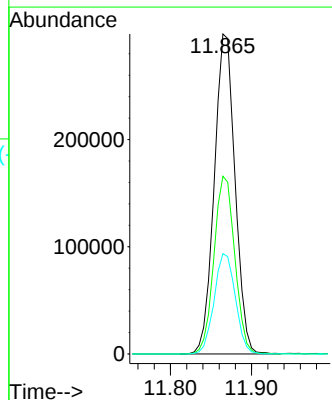
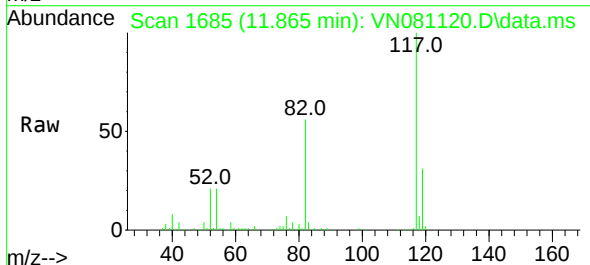
Instrument :
MSVOA_N
ClientSampleId :
1331

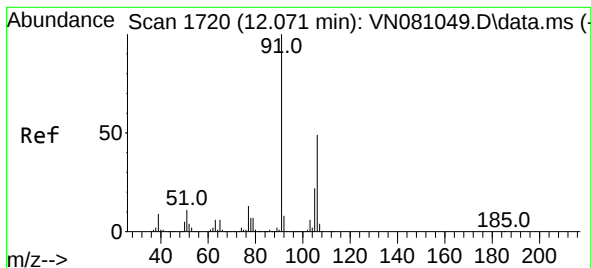
Tgt Ion: 95 Resp: 188073
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 67.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Tgt Ion: 117 Resp: 531754
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 31.3 25.3 37.9

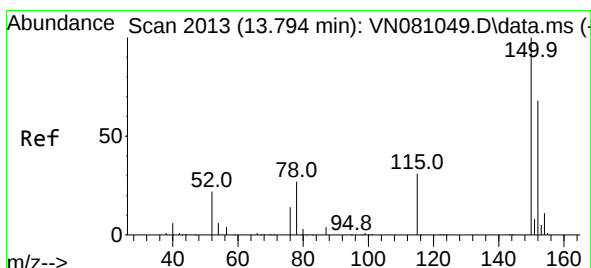
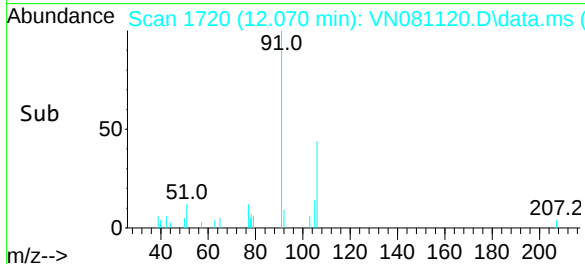
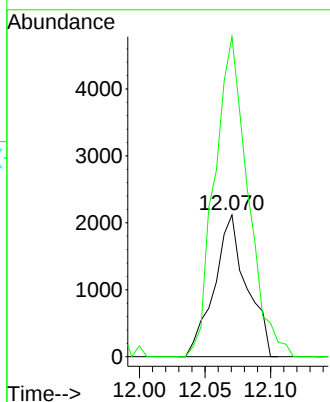
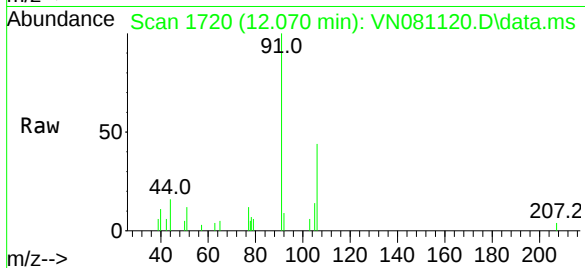




#68
m/p-Xylenes
Concen: 0.462 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Instrument :
MSVOA_N
ClientSampleId :
1331

Tgt Ion:106 Resp: 3648
Ion Ratio Lower Upper
106 100
91 231.3 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081120.D
Acq: 21 Feb 2024 15:10

Tgt Ion:152 Resp: 219839
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 155.3 0.0 339.8

