

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083286.D
 Acq On : 14 Aug 2024 08:28
 Operator : JC\MD
 Sample : P3534-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HP-IP(FB)

Quant Time: Aug 14 09:33:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112076	57.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.260%
35) Dibromofluoromethane	8.165	113	88263	52.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.460%
50) Toluene-d8	10.565	98	333261	53.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.847	95	136731	56.173	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	112.340%

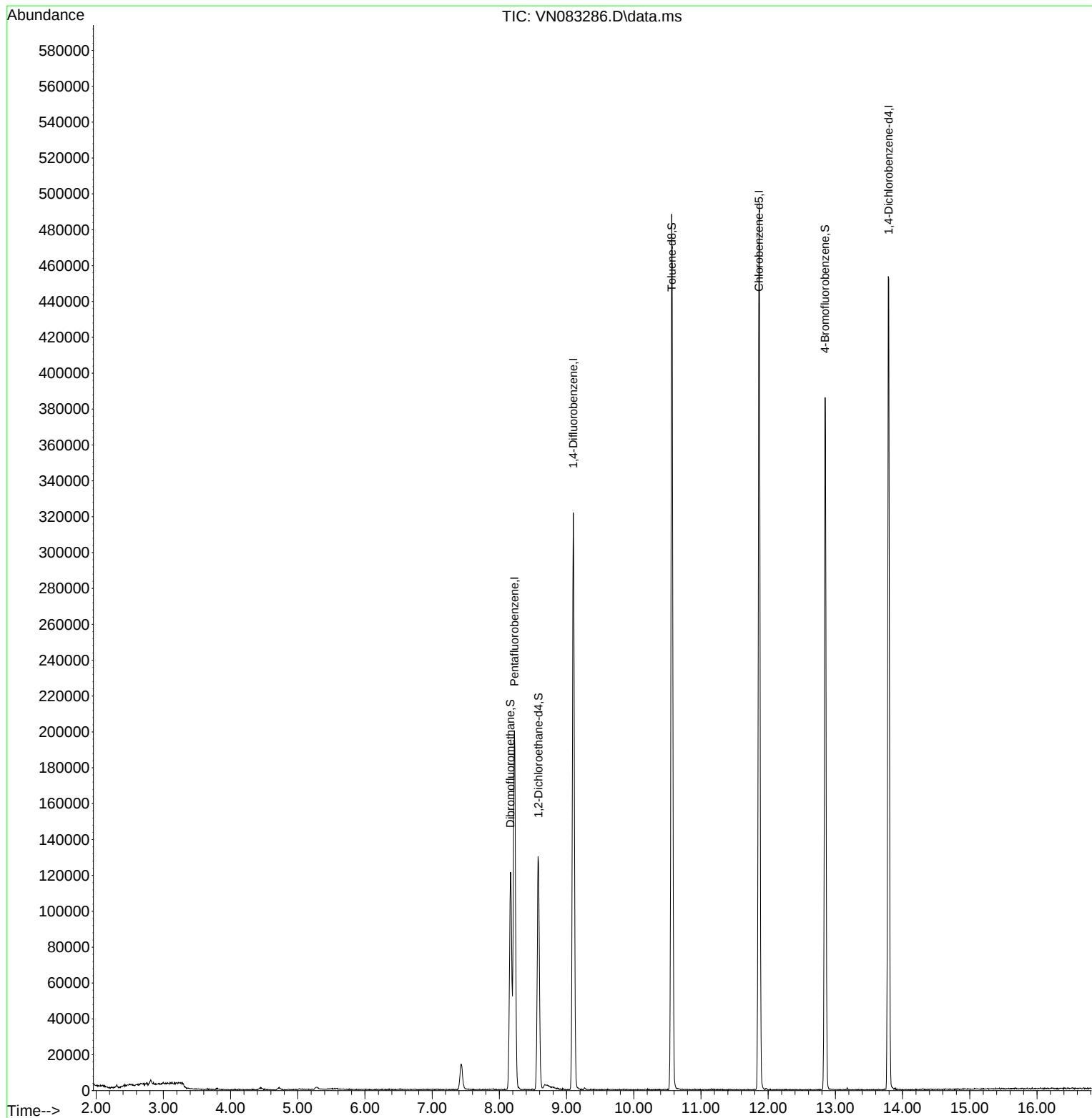
Target Compounds	Qvalue

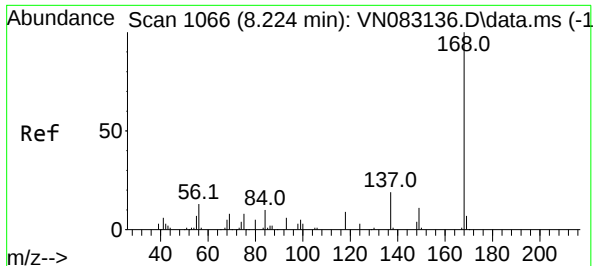
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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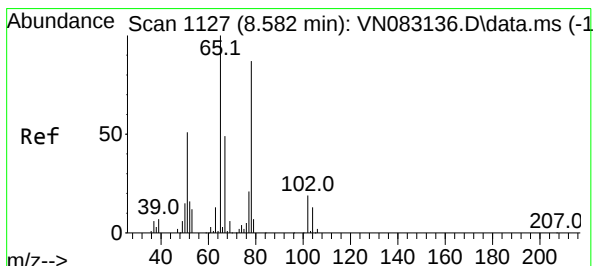
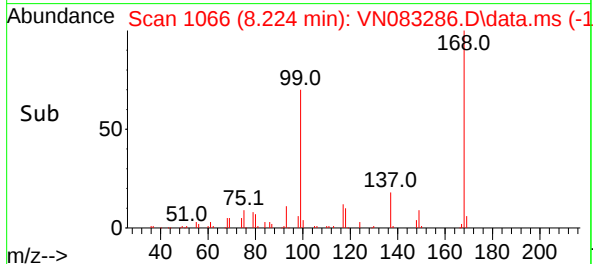
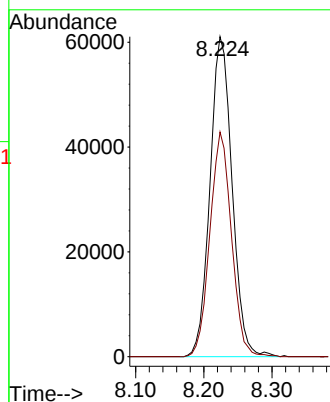
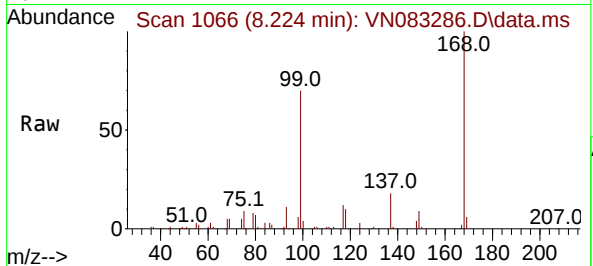




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

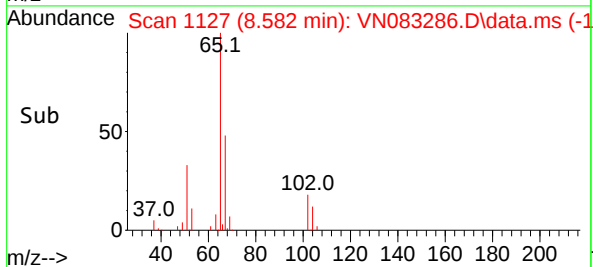
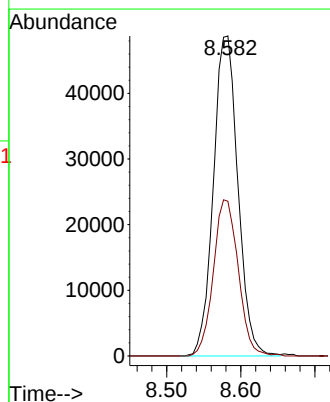
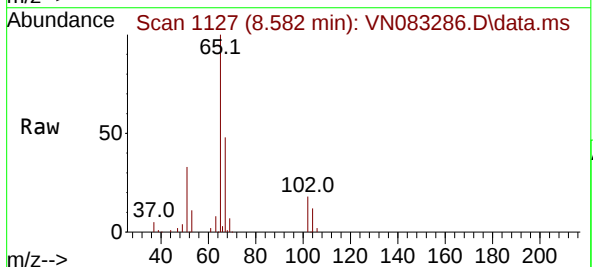
Instrument :
MSVOA_N
ClientSampleId :
HP-IP(FB)

Tgt Ion:168 Resp: 137832
Ion Ratio Lower Upper
168 100
99 70.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.127 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 65 Resp: 112076
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4

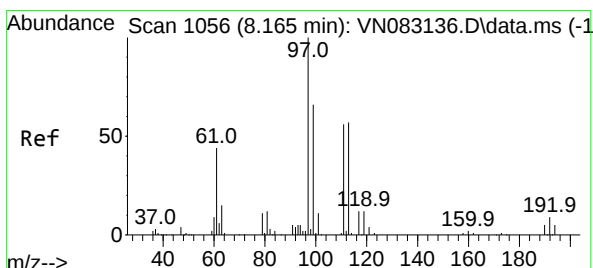
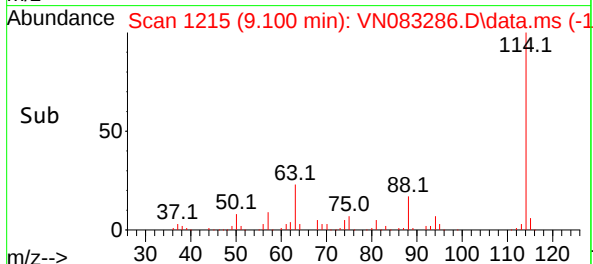
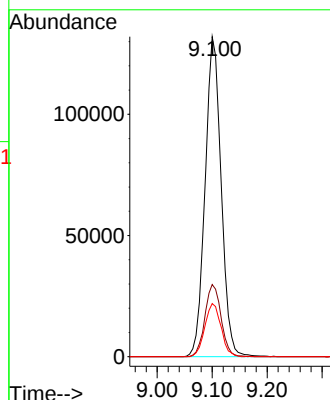
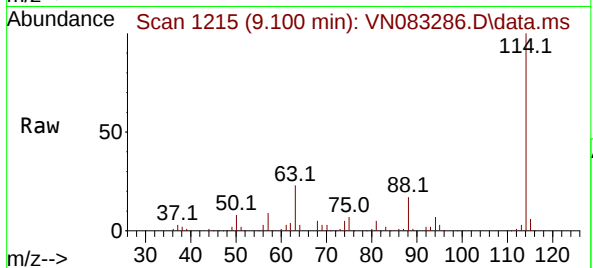




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

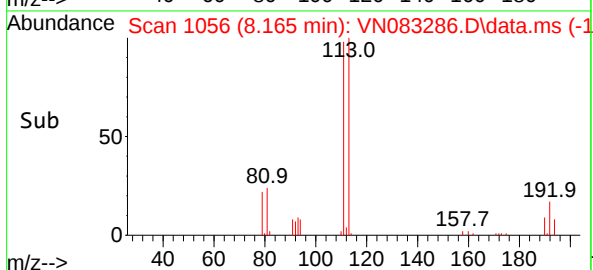
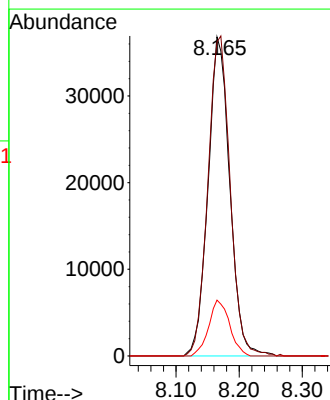
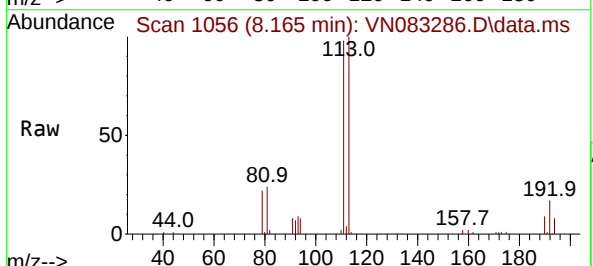
Instrument :
MSVOA_N
ClientSampleId :
HP-IP(FB)

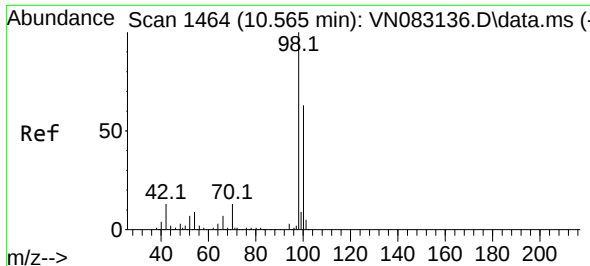
Tgt Ion:114 Resp: 268156
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.733 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion:113 Resp: 88263
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 16.8 14.9 22.3

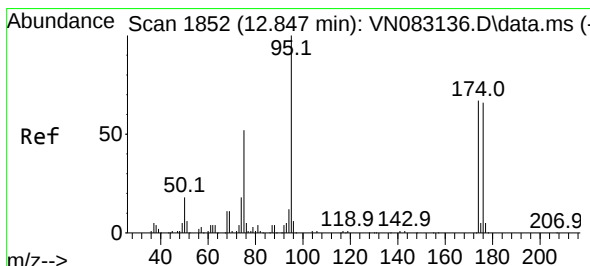
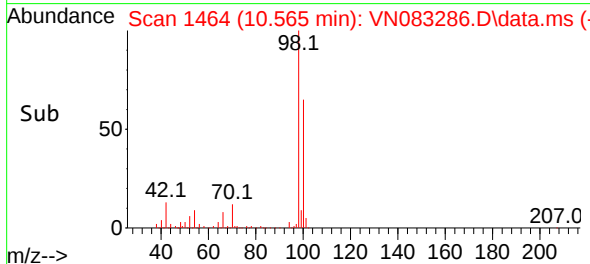
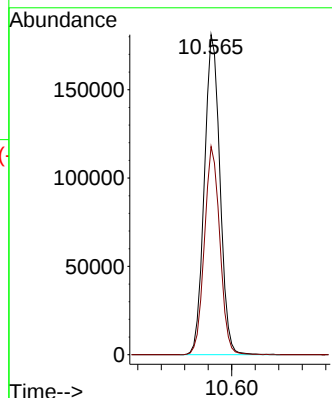
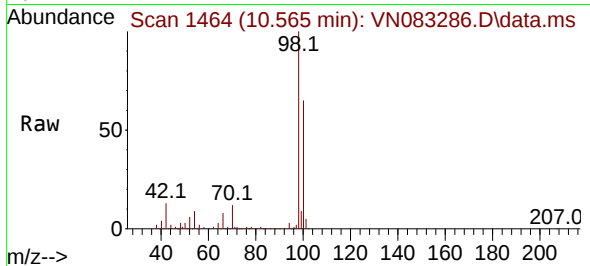




#50
Toluene-d8
Concen: 53.377 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

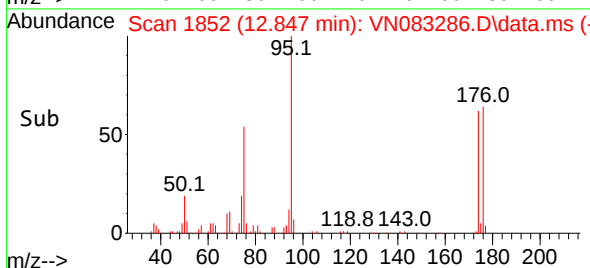
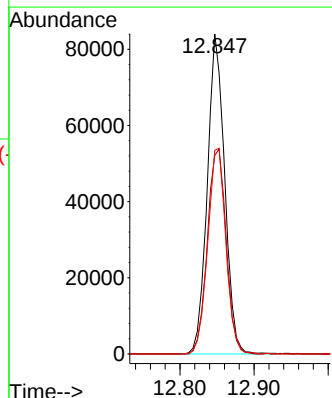
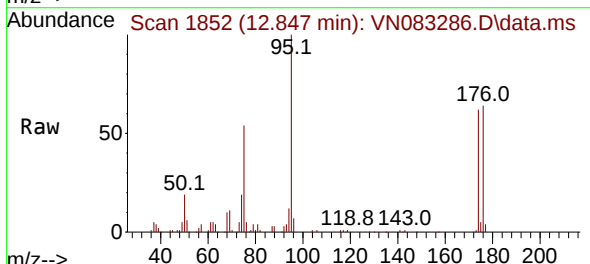
Instrument :
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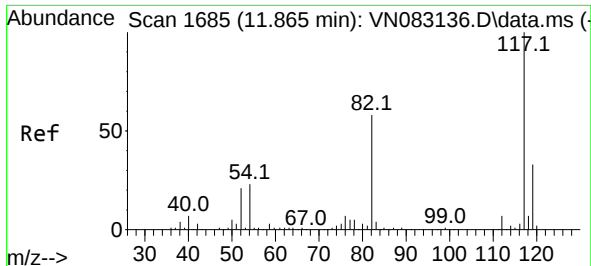
Tgt Ion: 98 Resp: 333261
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.173 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion: 95 Resp: 136731
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 67.2 0.0 147.6

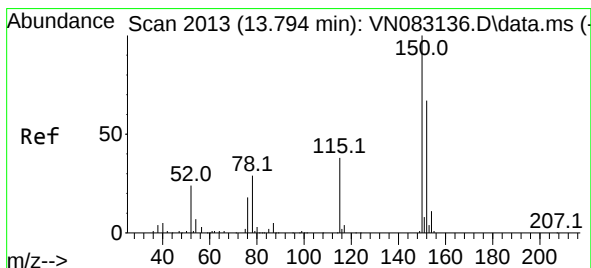
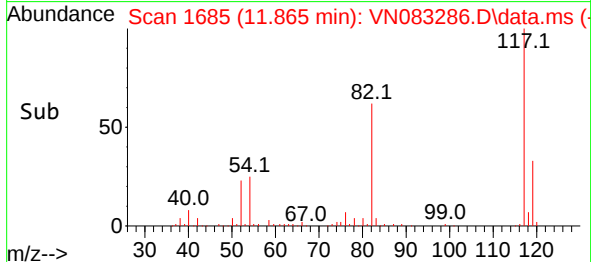
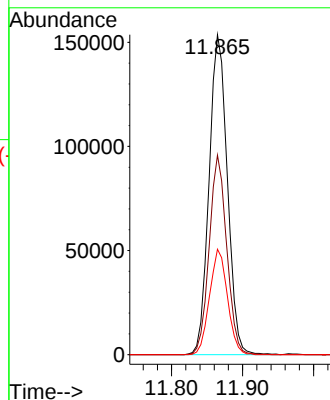
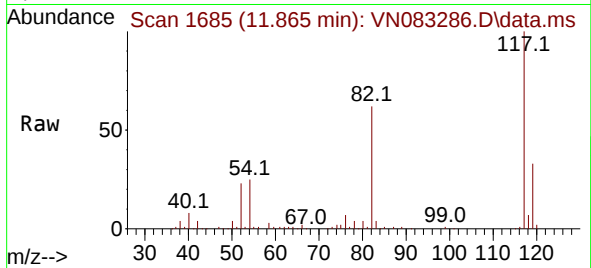




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Instrument :
MSVOA_N
ClientSampleId :
HP-IP(FB)

Tgt Ion:117 Resp: 274567
Ion Ratio Lower Upper
117 100
82 62.4 47.5 71.3
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083286.D
Acq: 14 Aug 2024 08:28

Tgt Ion:152 Resp: 119646
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 157.5 0.0 348.6

