

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083894.D
 Acq On : 14 Sep 2024 16:44
 Operator : JC\MD
 Sample : P3886-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-090624

Quant Time: Sep 16 01:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112388	48.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	79138	46.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	10.565	98	287819	49.216	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.847	95	93449	38.731	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	77.460%

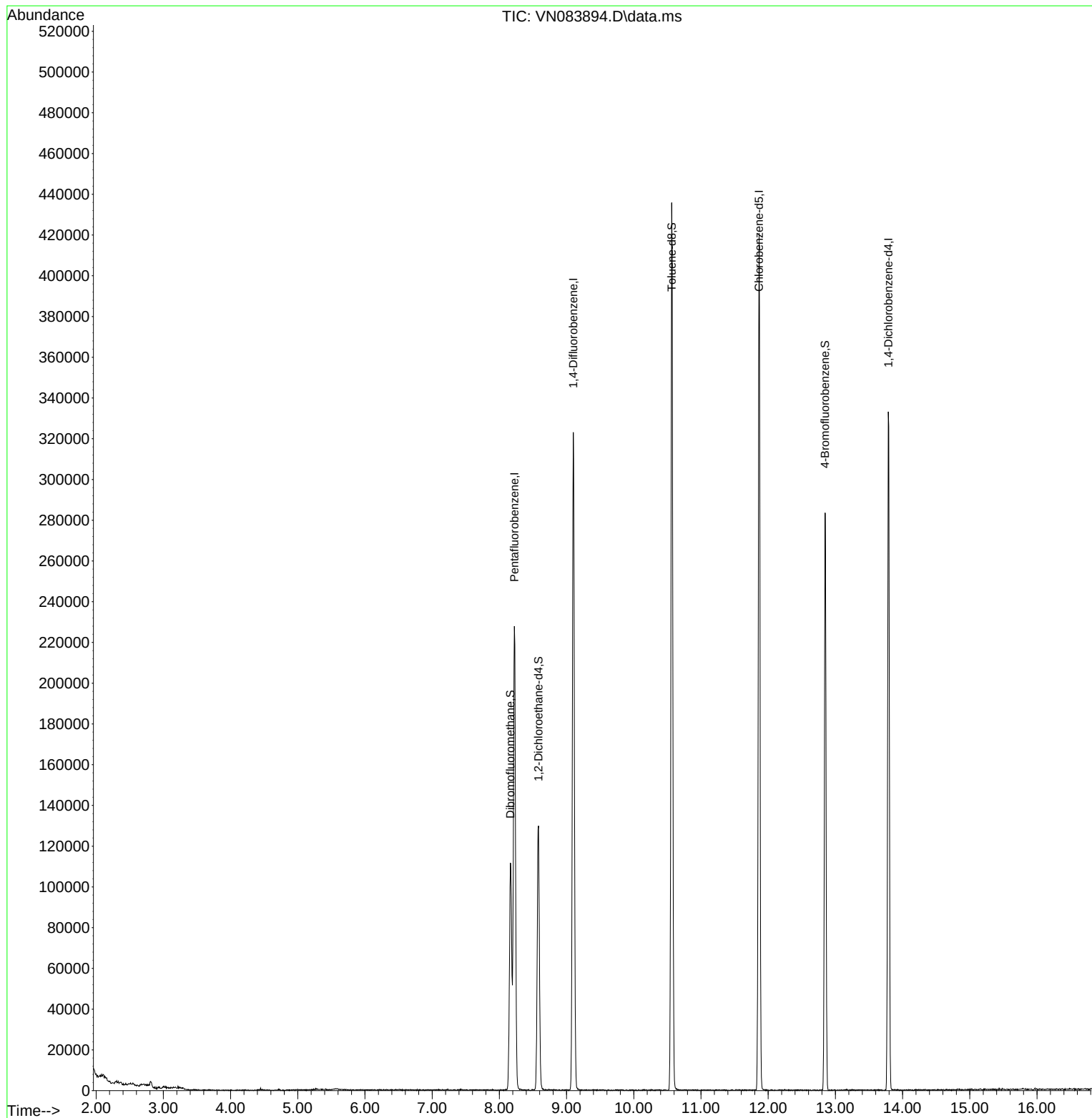
Target Compounds	Qvalue

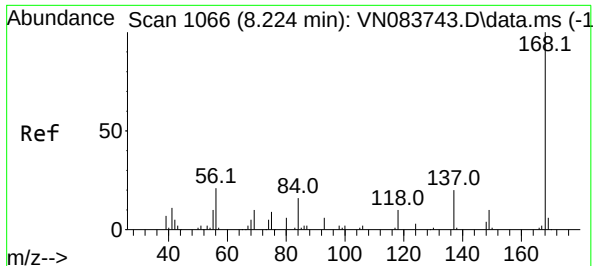
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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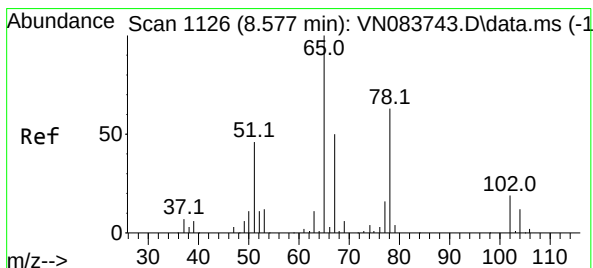
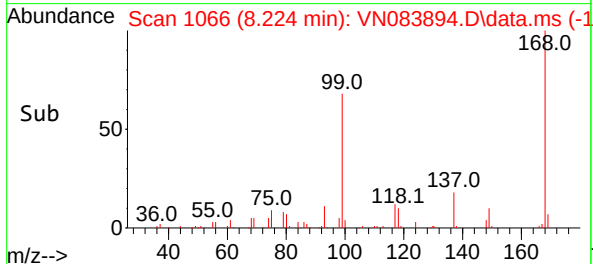
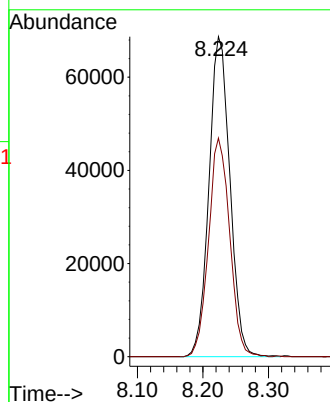
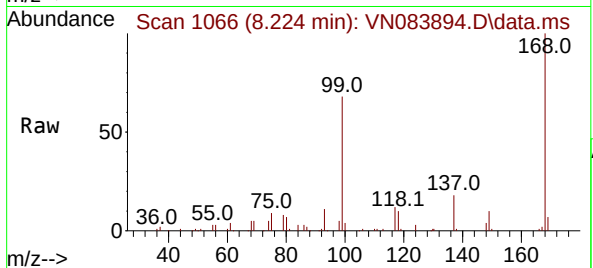




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

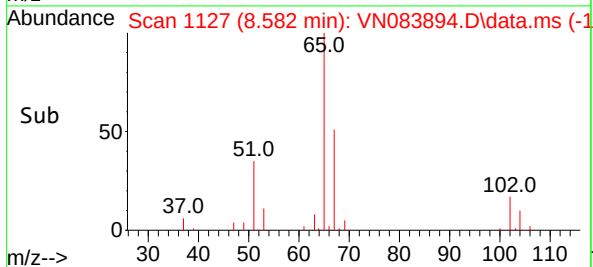
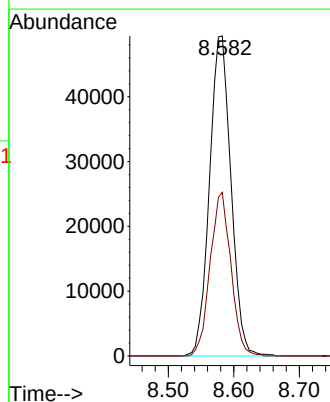
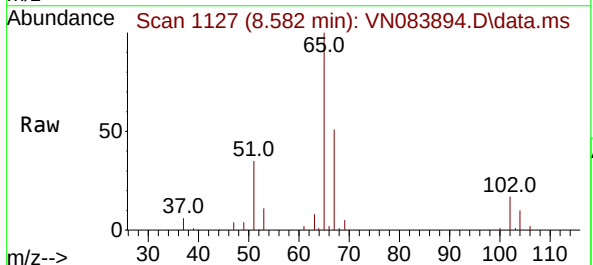
Instrument :
MSVOA_N
ClientSampleId :
TB01-090624

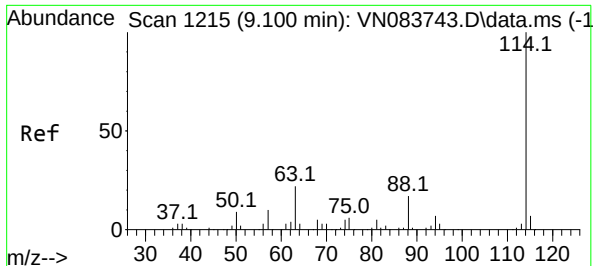
Tgt Ion:168 Resp: 152680
Ion Ratio Lower Upper
168 100
99 68.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.818 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 65 Resp: 112388
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

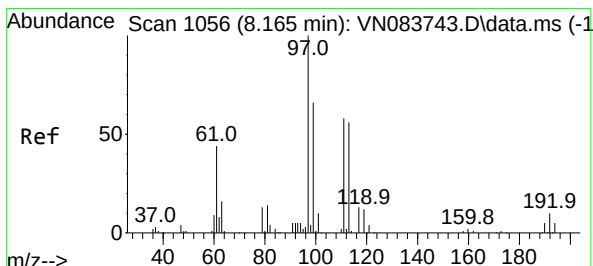
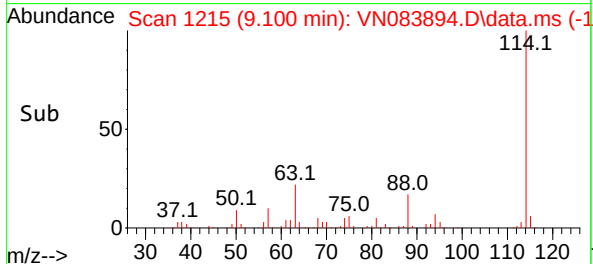
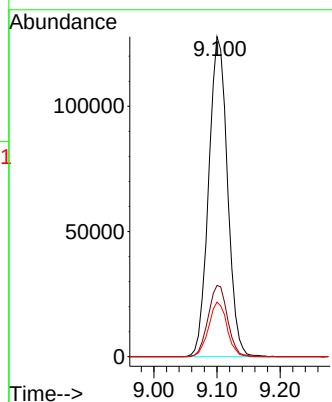
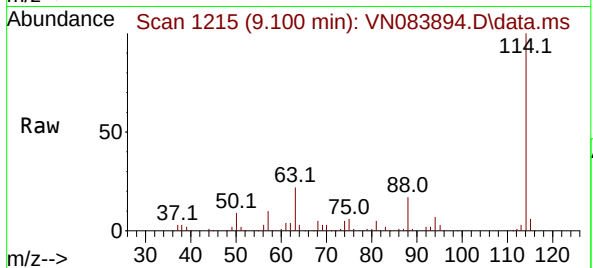




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

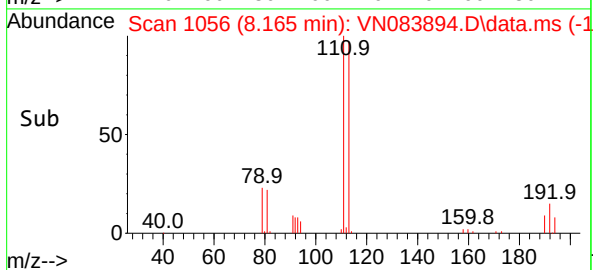
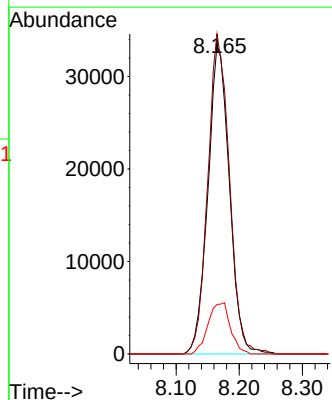
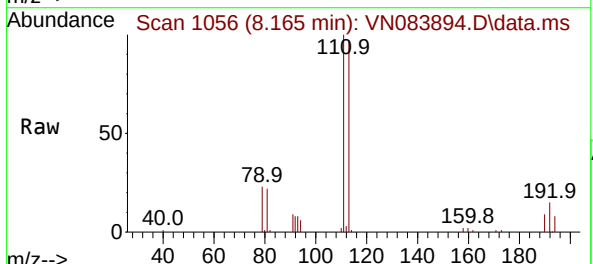
Instrument :
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ClientSampleId :
TB01-090624

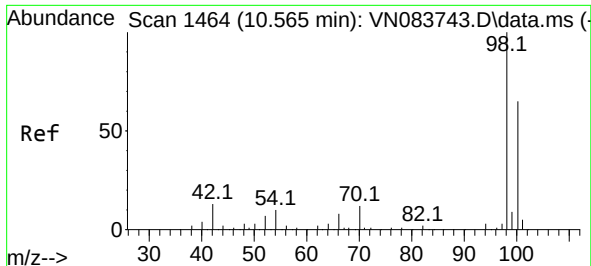
Tgt Ion:114 Resp: 264242
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.782 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion:113 Resp: 79138
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.2 14.3 21.5

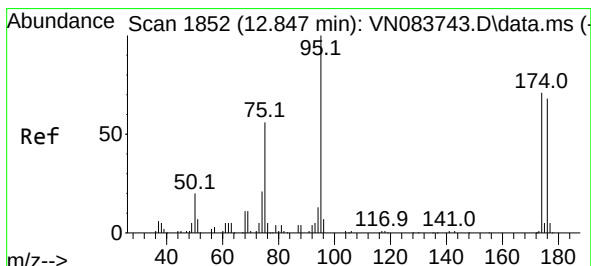
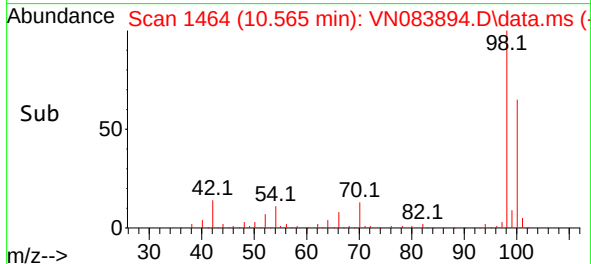
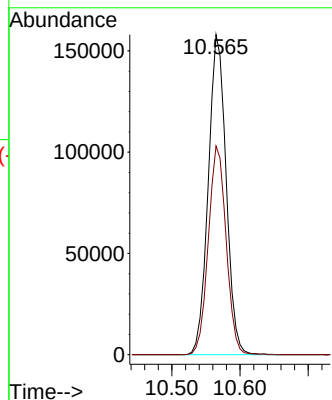
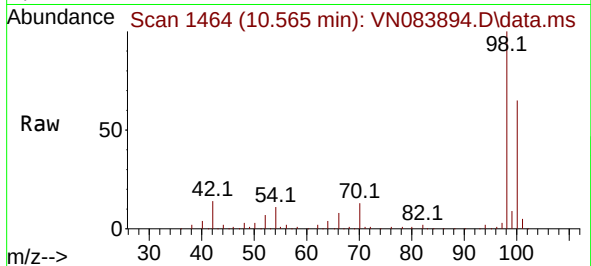




#50
Toluene-d8
Concen: 49.216 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

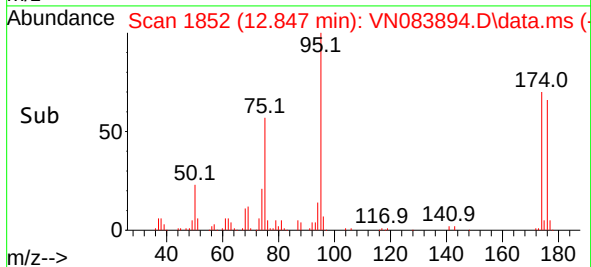
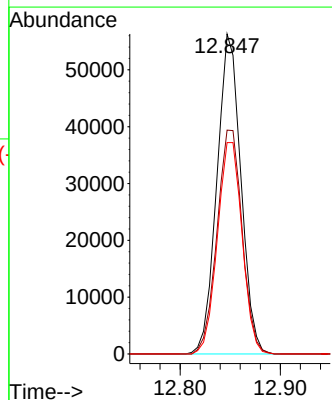
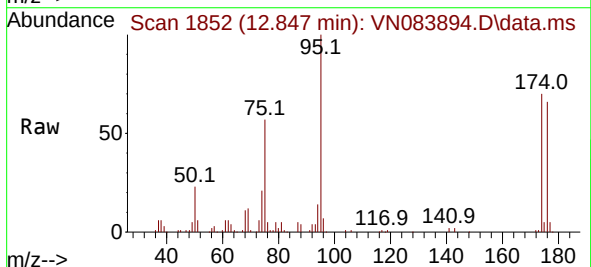
Instrument :
MSVOA_N
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TB01-090624

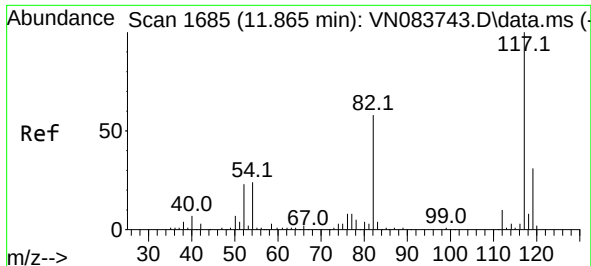
Tgt Ion: 98 Resp: 287819
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.731 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 95 Resp: 93449
Ion Ratio Lower Upper
95 100
174 73.4 0.0 139.8
176 68.2 0.0 131.4

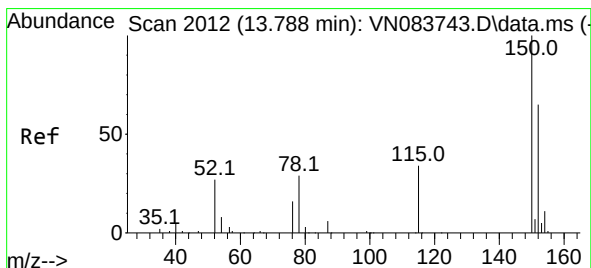
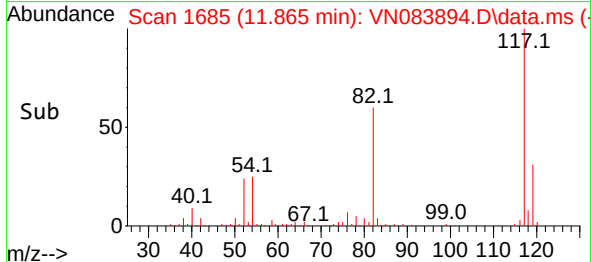
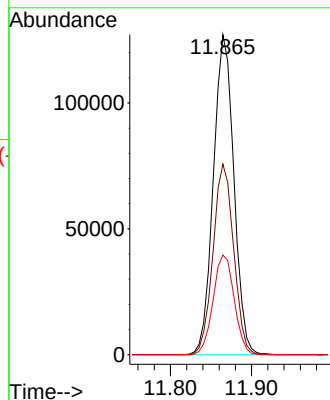
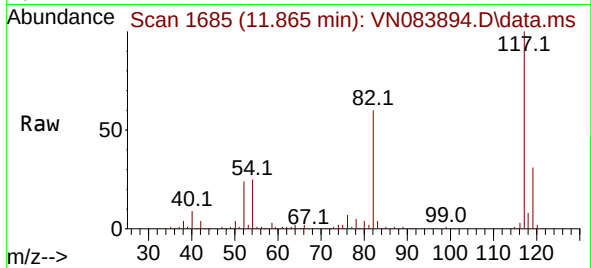




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :
TB01-090624

Tgt Ion:117 Resp: 223317
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion:152 Resp: 86271
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 158.8 0.0 348.6

