

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083378.D
 Acq On : 19 Aug 2024 17:29
 Operator : JC\MD
 Sample : P3657-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-081624

Quant Time: Aug 20 04:49:05 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	133915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101252	53.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.240%
35) Dibromofluoromethane	8.171	113	81404	48.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.565	98	292111	46.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.847	95	121199	49.745	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.480%

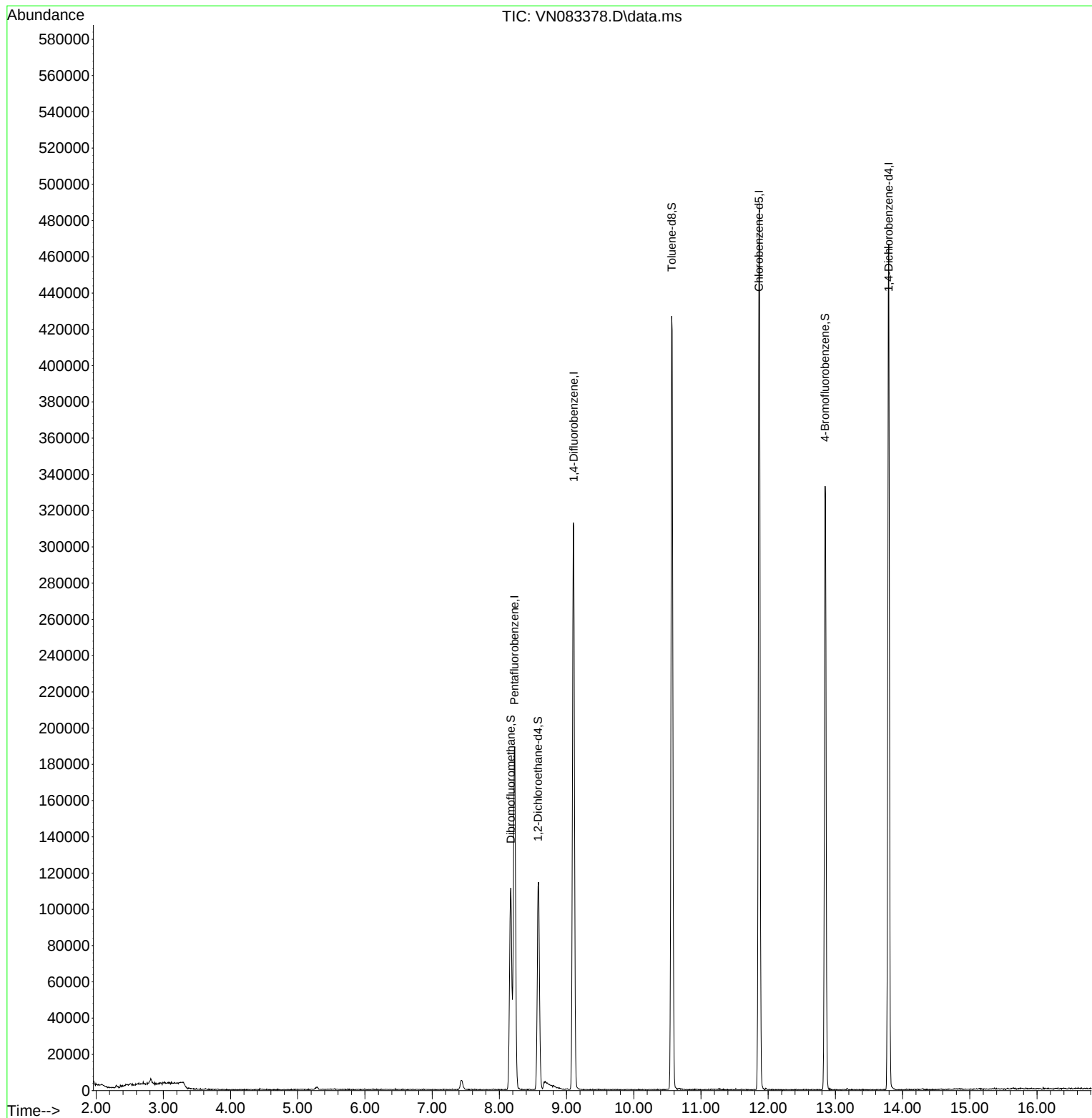
Target Compounds	Qvalue

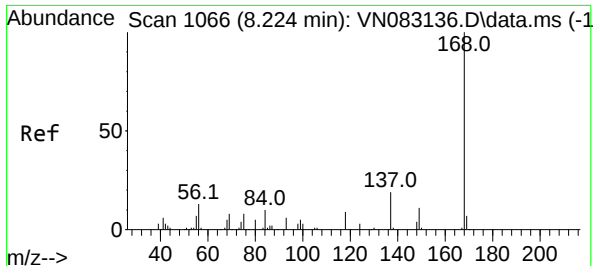
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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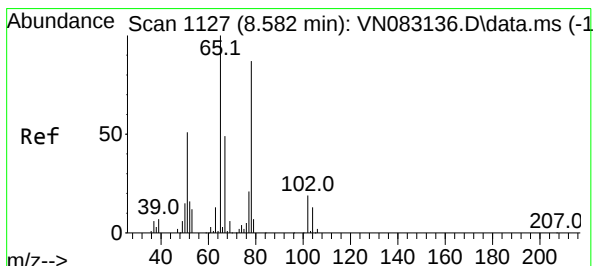
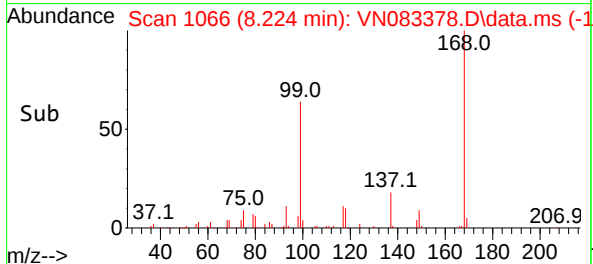
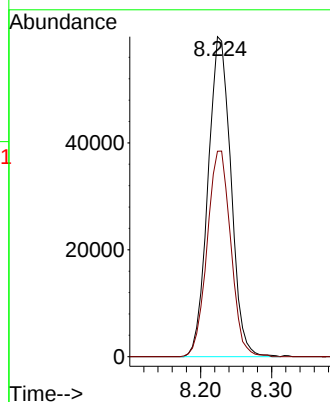
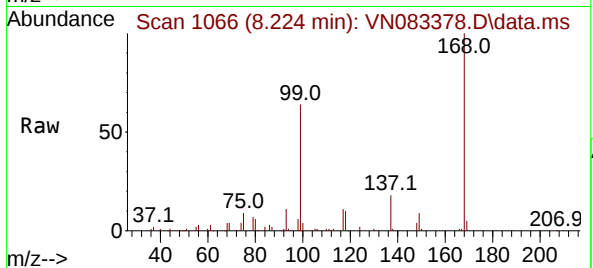




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

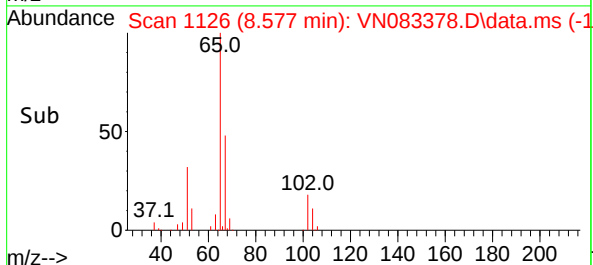
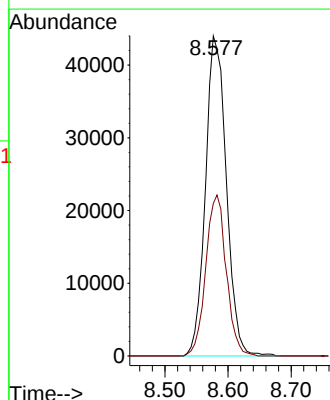
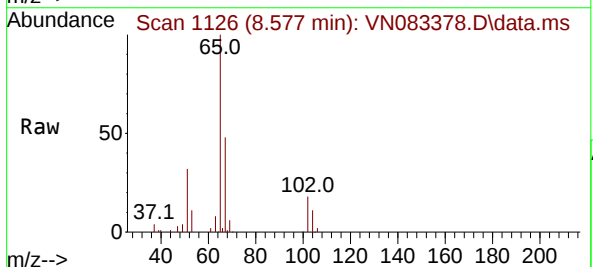
Instrument :
MSVOA_N
ClientSampleId :
TB-01-081624

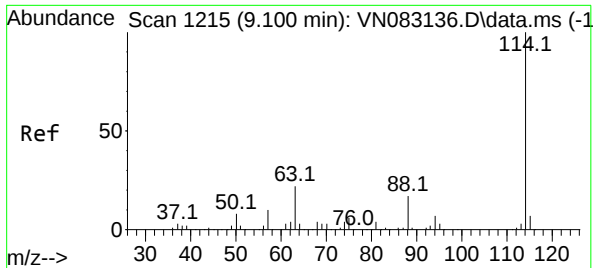
Tgt Ion:168 Resp: 133915
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.119 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

Tgt Ion: 65 Resp: 101252
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4

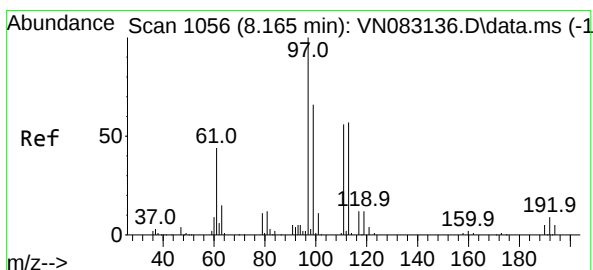
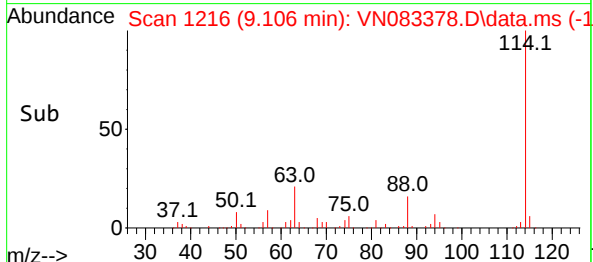
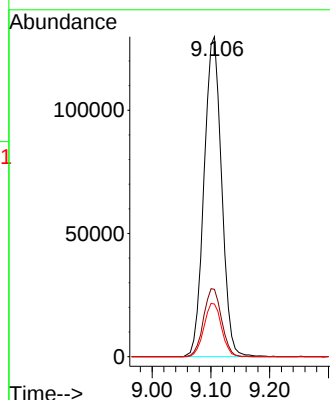
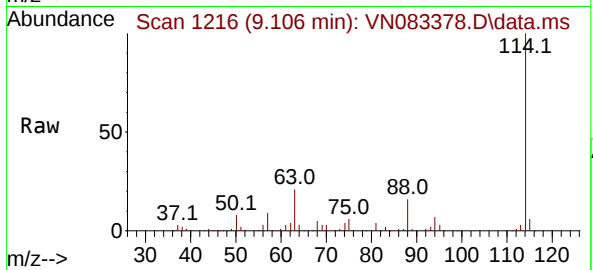




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

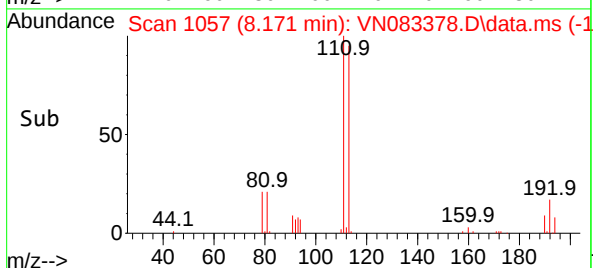
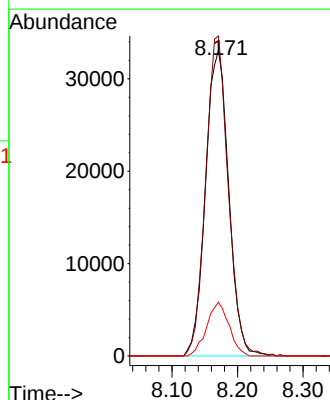
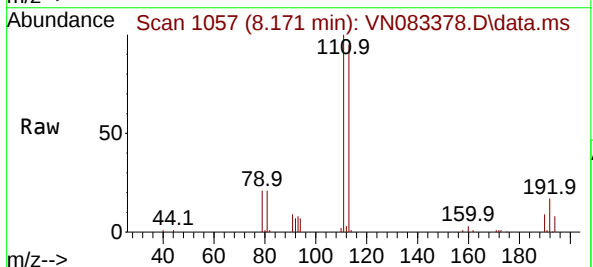
Instrument :
MSVOA_N
ClientSampleId :
TB-01-081624

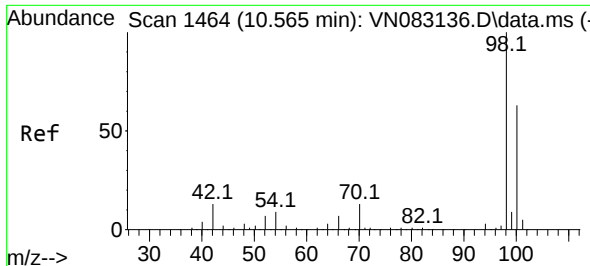
Tgt Ion:114 Resp: 268412
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.589 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

Tgt Ion:113 Resp: 81404
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 16.9 14.9 22.3

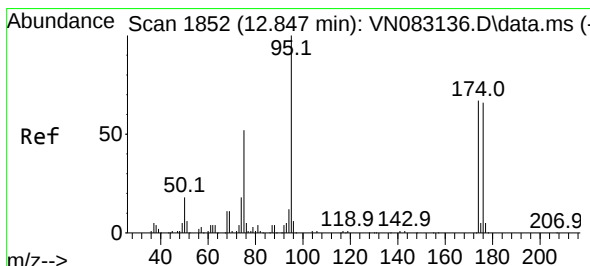
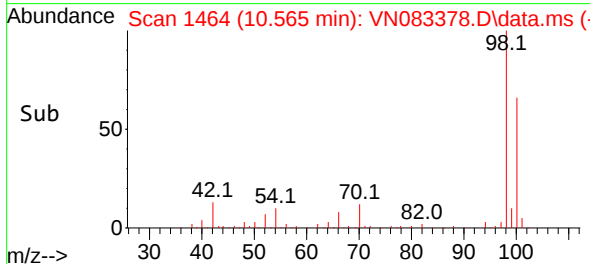
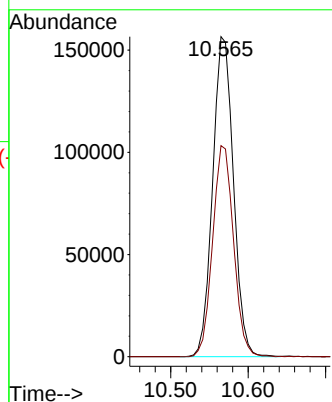
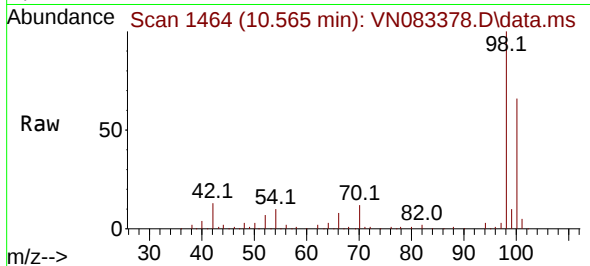




#50
Toluene-d8
Concen: 46.741 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

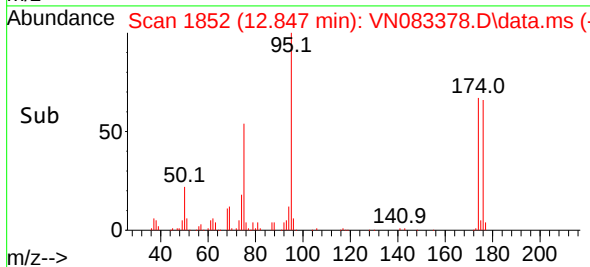
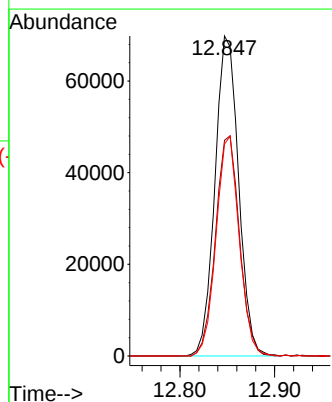
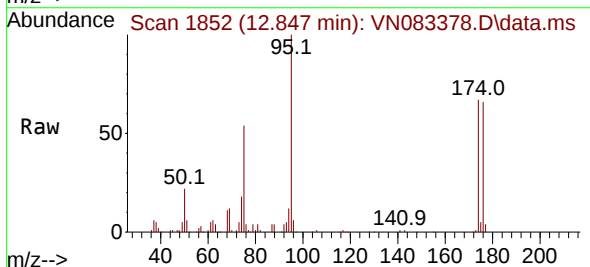
Instrument :
MSVOA_N
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TB-01-081624

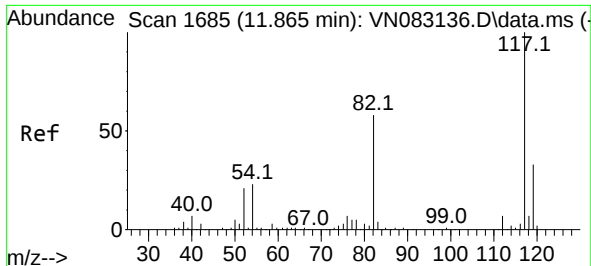
Tgt Ion: 98 Resp: 292111
Ion Ratio Lower Upper
98 100
100 66.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.745 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

Tgt Ion: 95 Resp: 121199
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.9 0.0 147.6

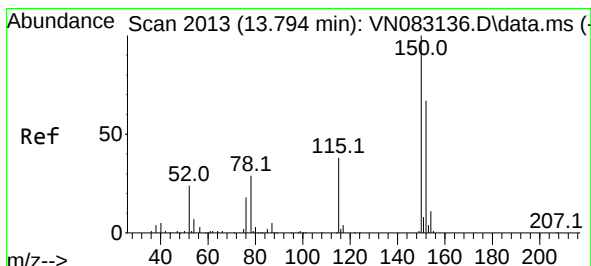
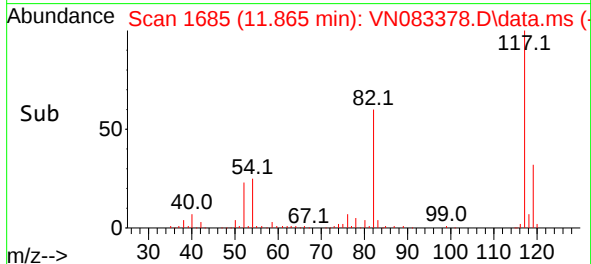
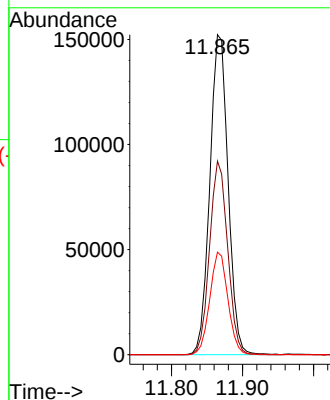
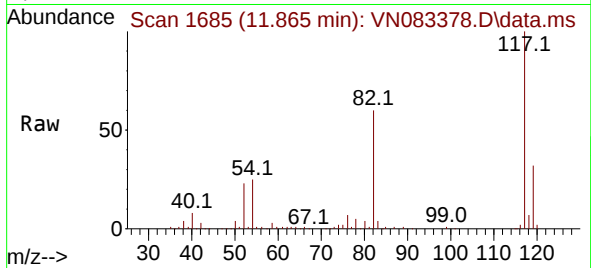




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083378.D
Acq: 19 Aug 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :
TB-01-081624

Tgt Ion:117 Resp: 271721
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.0 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: VN083378.D
Acq: 19 Aug 2024 17:29

Tgt Ion:152 Resp: 120282
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.3 0.0 348.6

