

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083486.D
 Acq On : 26 Aug 2024 16:33
 Operator : JC\MD
 Sample : P3706-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB01-082024

Quant Time: Aug 27 01:58:38 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	120426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97356	56.796	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.600%
35) Dibromofluoromethane	8.165	113	76503	49.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.565	98	279658	48.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.847	95	129115	57.719	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.440%

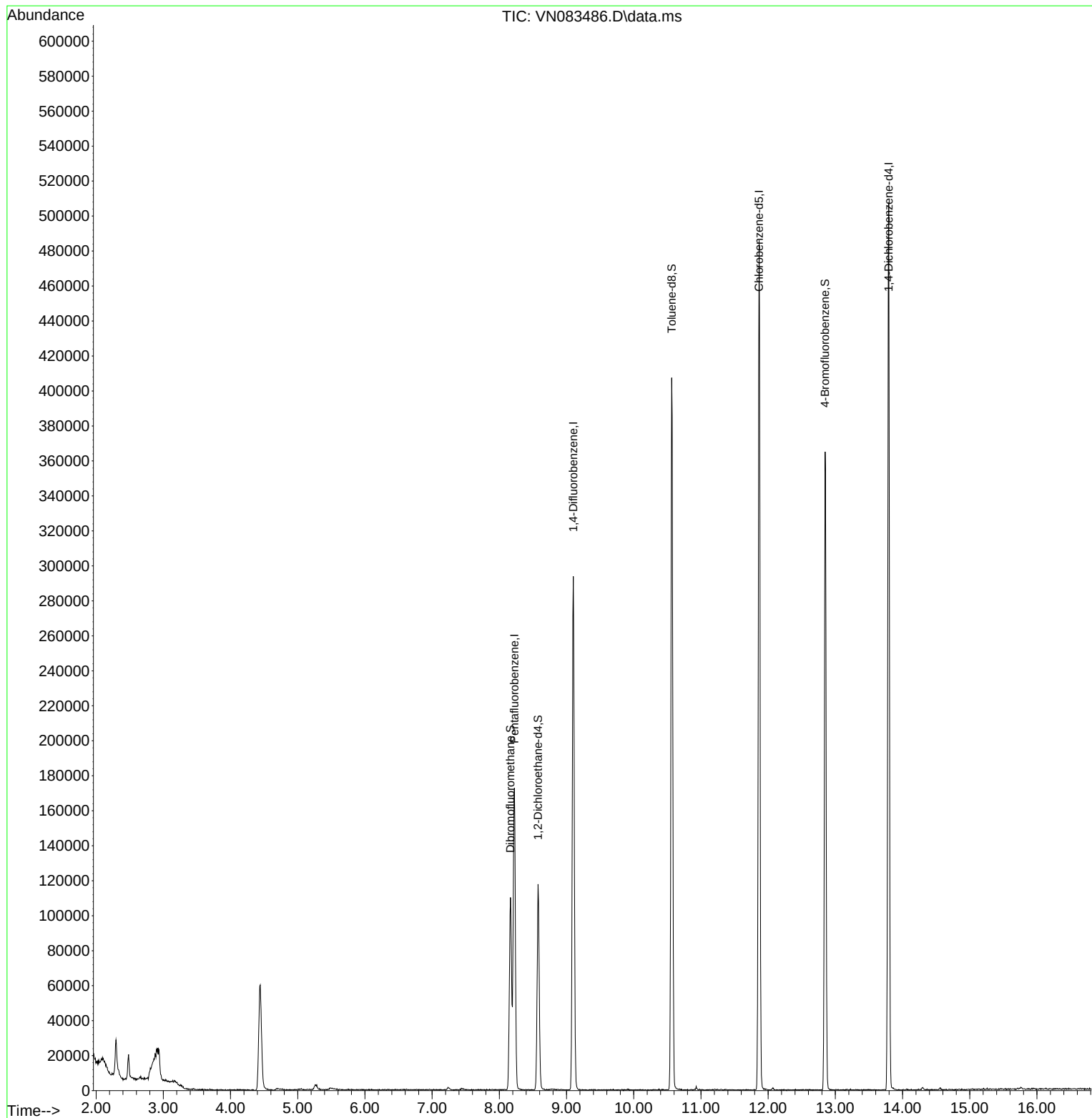
Target Compounds	Qvalue

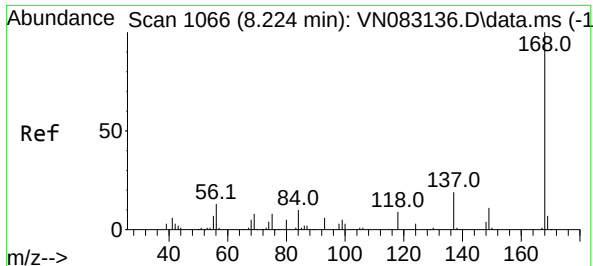
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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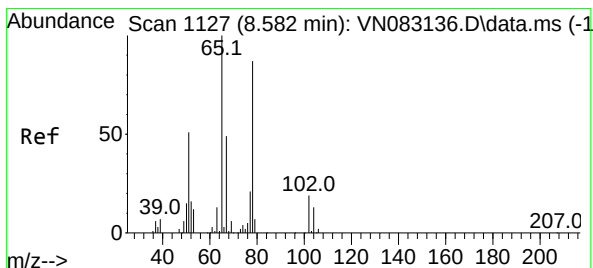
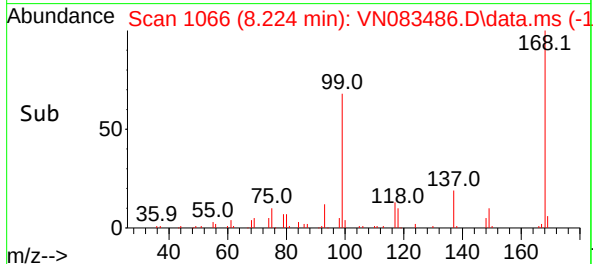
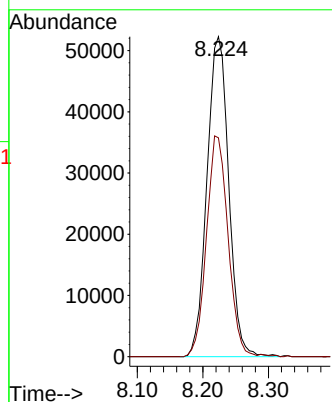
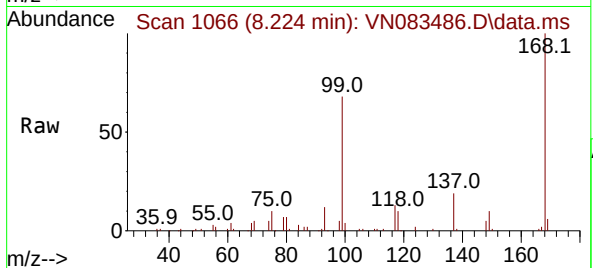




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:33

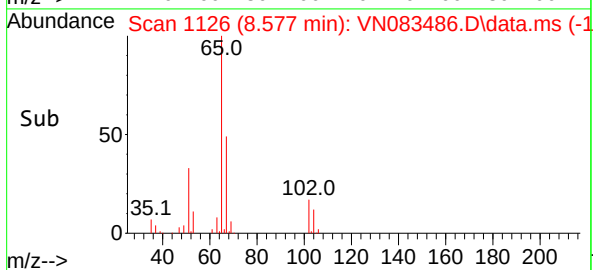
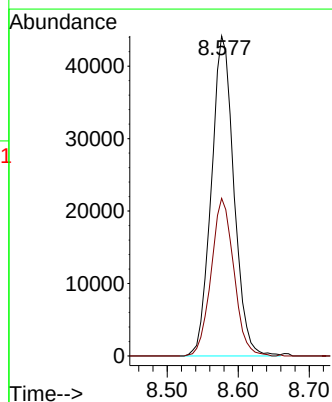
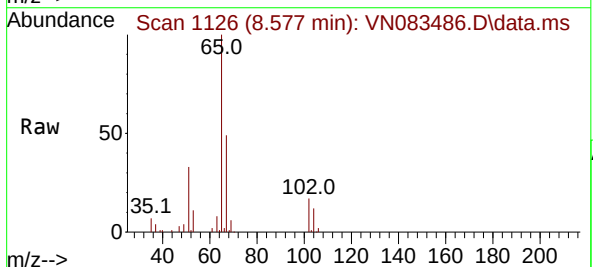
Instrument :
MSVOA_N
ClientSampleId :
EB01-082024

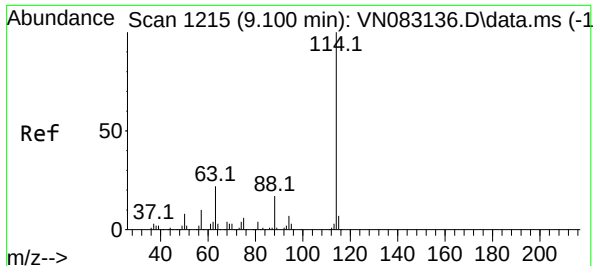
Tgt Ion:168 Resp: 120426
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.796 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:33

Tgt Ion: 65 Resp: 97356
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4

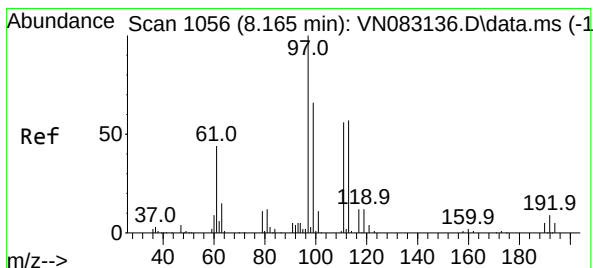
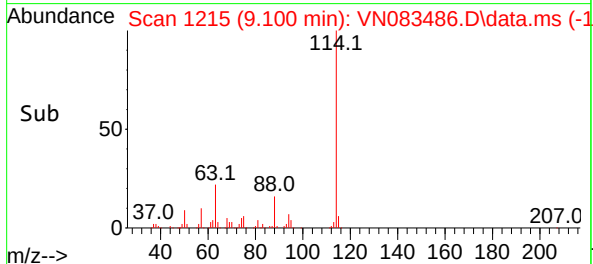
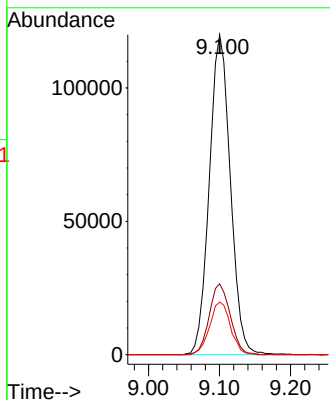
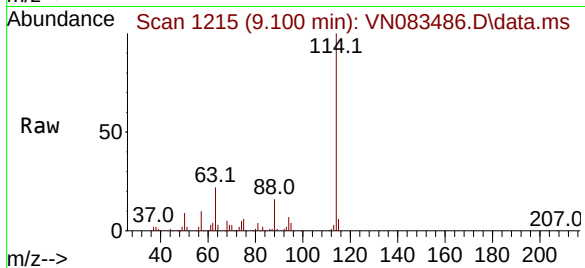




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:33

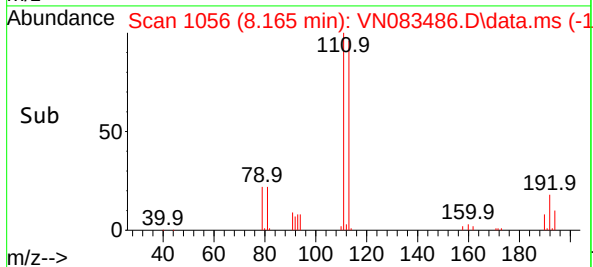
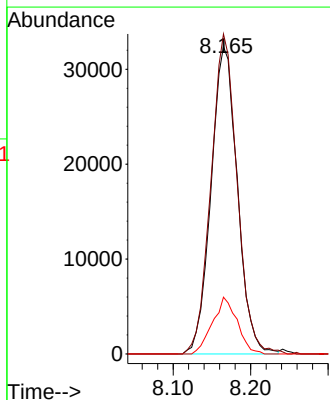
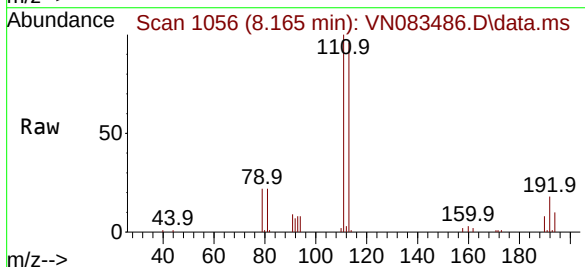
Instrument :
MSVOA_N
ClientSampleId :
EB01-082024

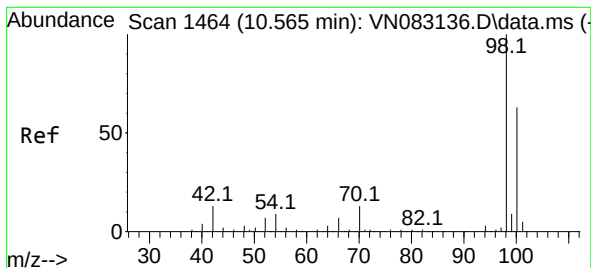
Tgt Ion:114 Resp: 246437
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.735 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:33

Tgt Ion:113 Resp: 76503
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.3 14.9 22.3





#50

Toluene-d8

Concen: 48.739 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

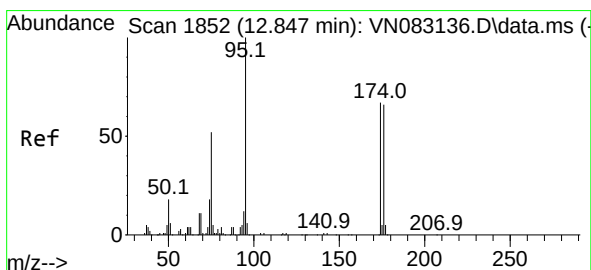
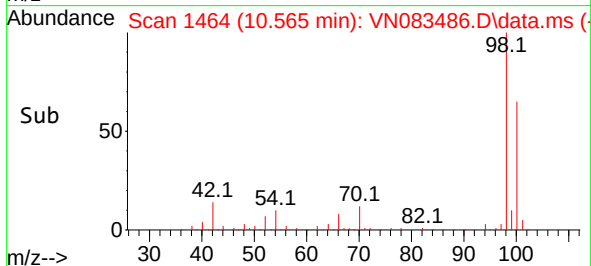
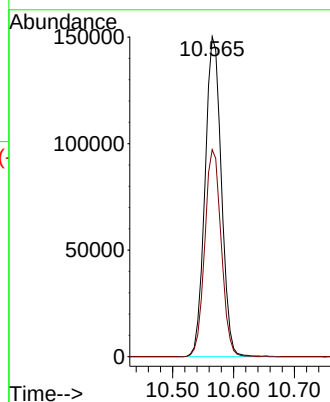
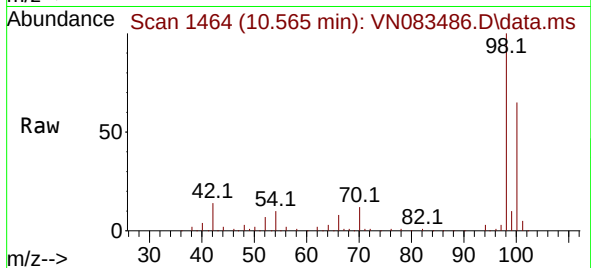
EB01-082024

Tgt Ion: 98 Resp: 279658

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 57.719 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083486.D

Acq: 26 Aug 2024 16:33

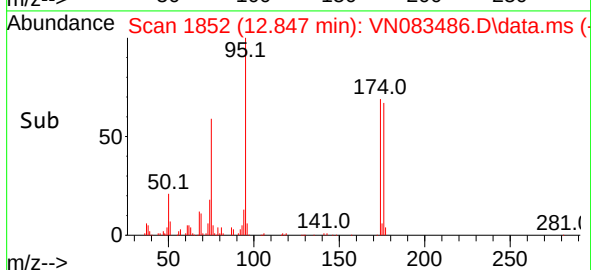
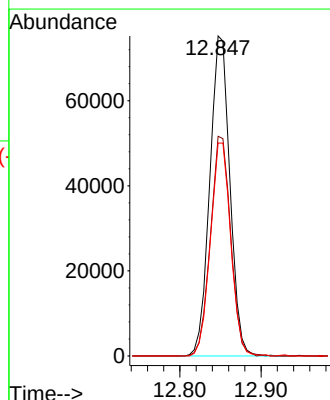
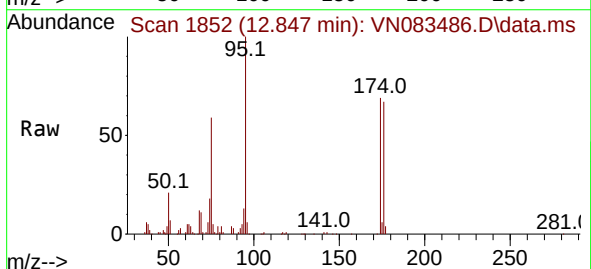
Tgt Ion: 95 Resp: 129115

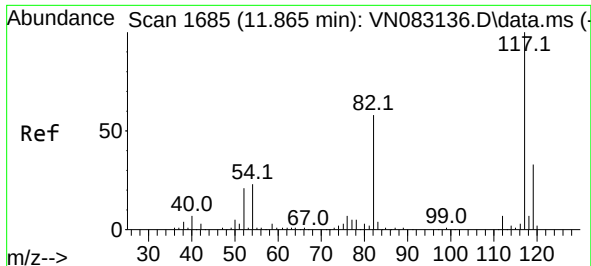
Ion Ratio Lower Upper

95 100

174 69.4 0.0 159.2

176 67.3 0.0 147.6

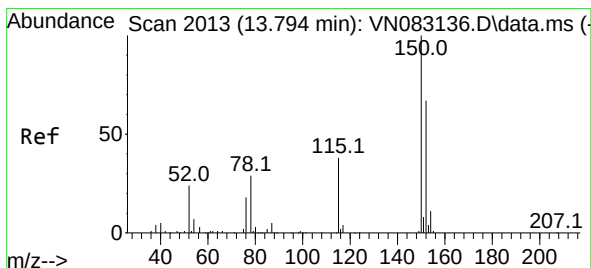
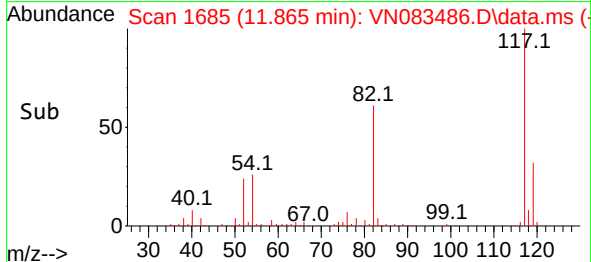
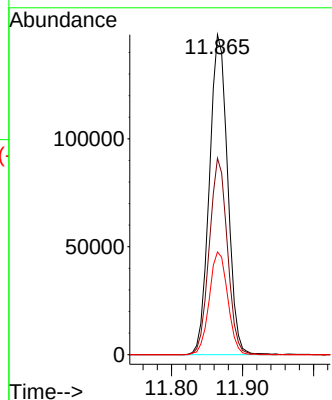
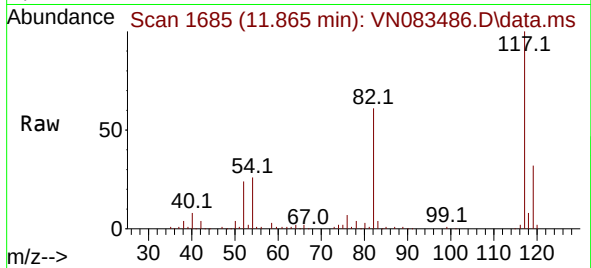




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083486.D
Acq: 26 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
EB01-082024

Tgt Ion:117 Resp: 264540
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.1 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: VN083486.D
Acq: 26 Aug 2024 16:33

Tgt Ion:152 Resp: 128317
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 159.9 0.0 348.6

