

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083907.D
 Acq On : 16 Sep 2024 09:45
 Operator : JC\MD
 Sample : VN0916MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916MBL01

Quant Time: Sep 17 02:27:24 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	148161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114070	51.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.120%
35) Dibromofluoromethane	8.165	113	80408	50.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.565	98	297873	54.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.847	95	99529	43.851	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.700%

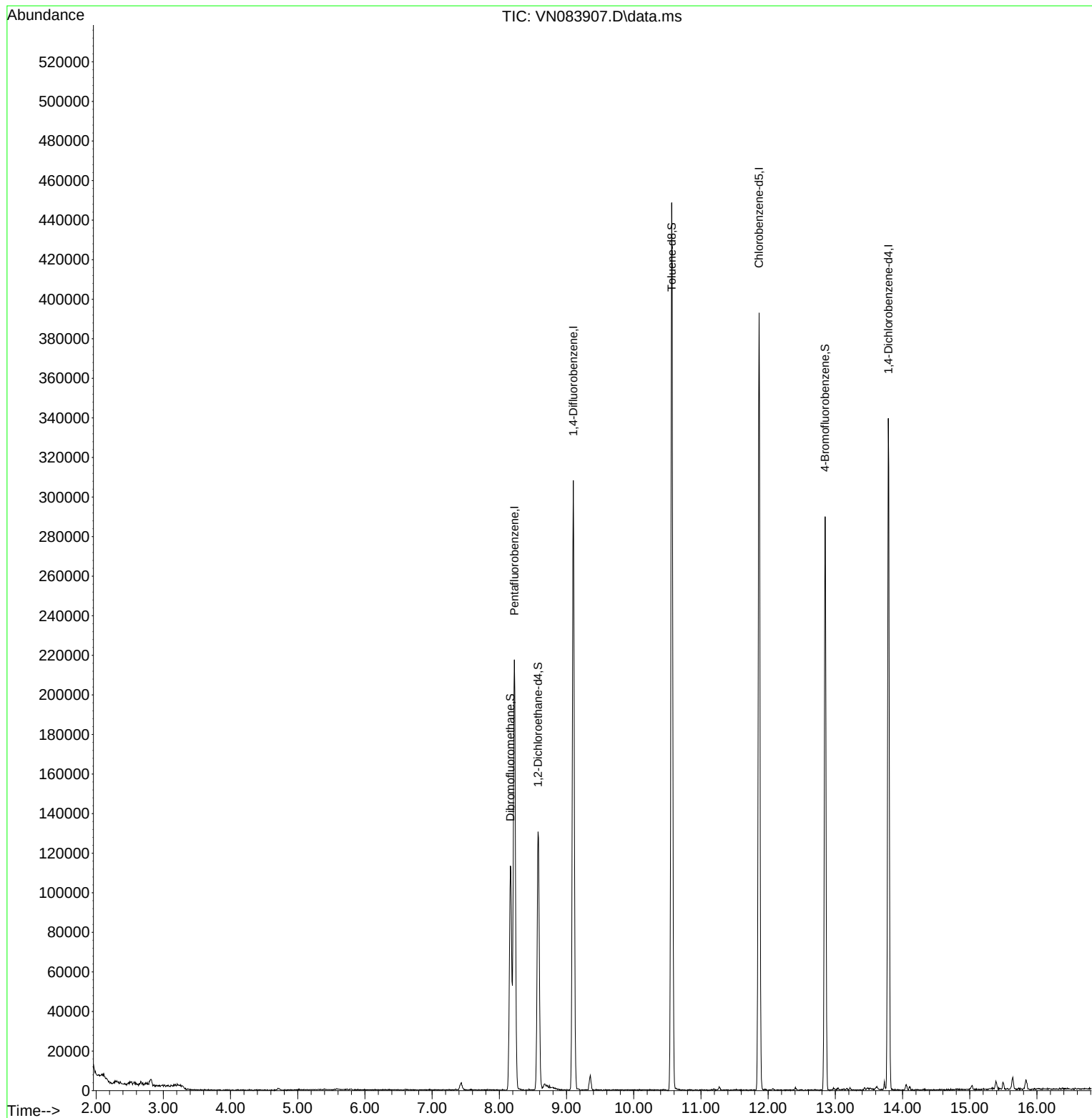
Target Compounds	Qvalue

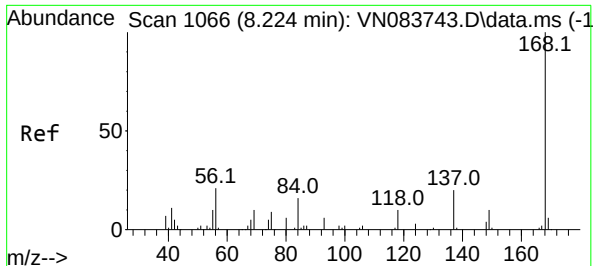
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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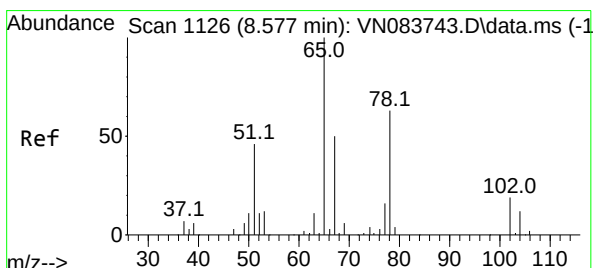
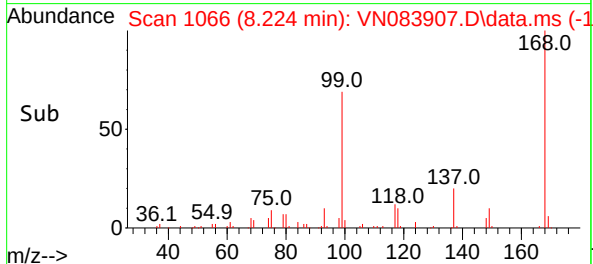
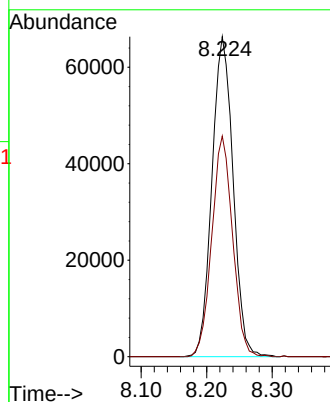
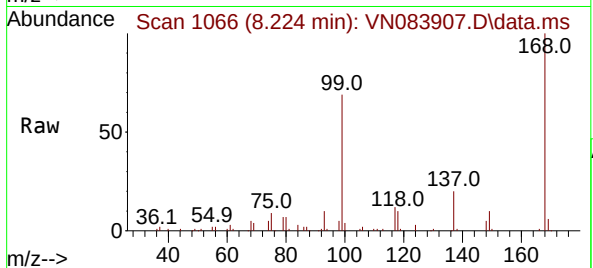




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083907.D
Acq: 16 Sep 2024 09:45

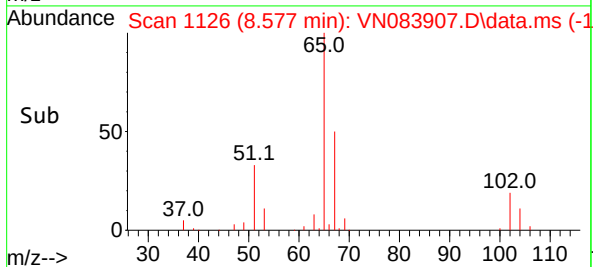
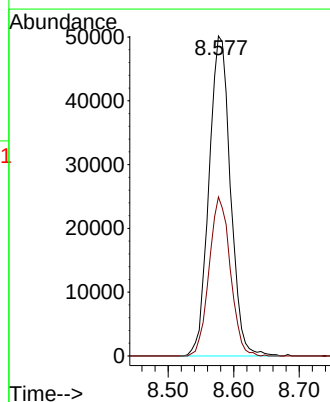
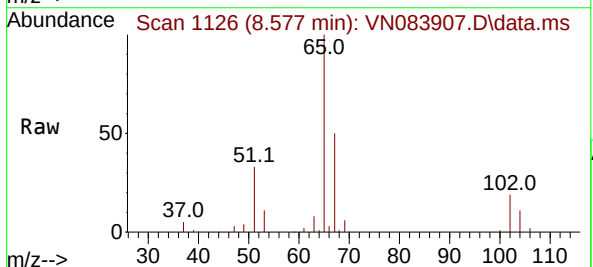
Instrument :
MSVOA_N
ClientSampleId :
VN0916MBL01

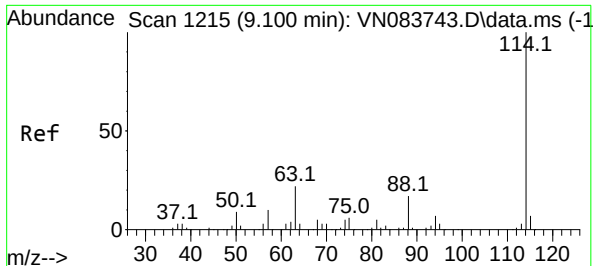
Tgt Ion:168 Resp: 148161
Ion Ratio Lower Upper
168 100
99 68.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.060 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083907.D
Acq: 16 Sep 2024 09:45

Tgt Ion: 65 Resp: 114070
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083907.D

Acq: 16 Sep 2024 09:45

Instrument :

MSVOA_N

ClientSampleId :

VN0916MBL01

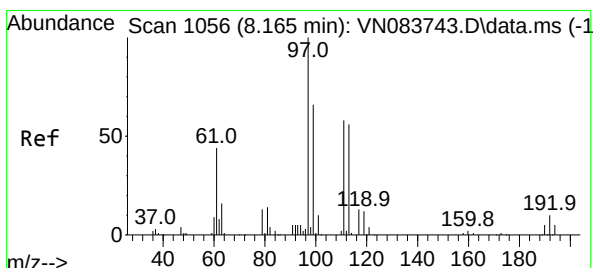
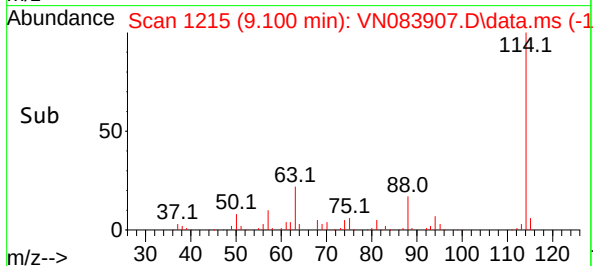
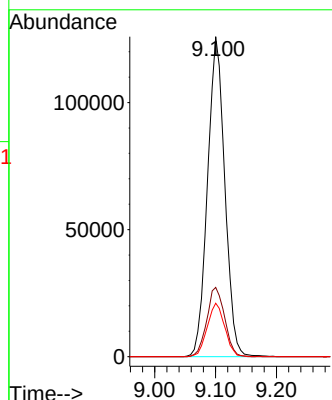
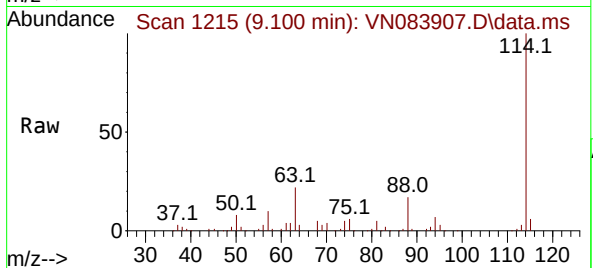
Tgt Ion:114 Resp: 248574

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.529 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083907.D

Acq: 16 Sep 2024 09:45

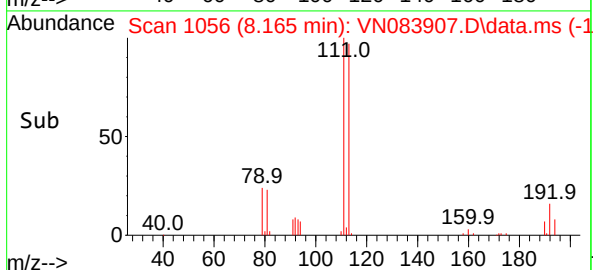
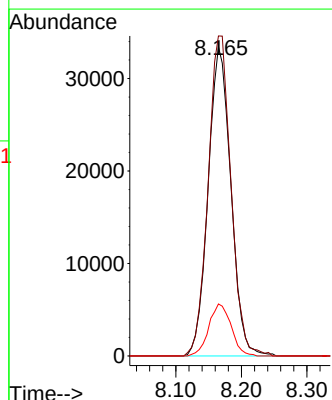
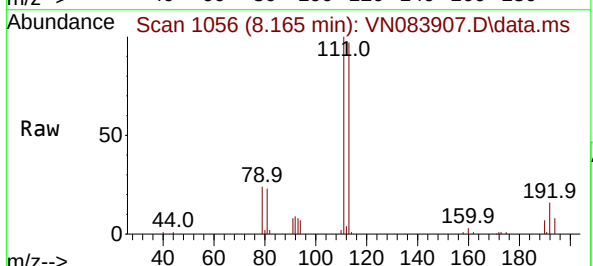
Tgt Ion:113 Resp: 80408

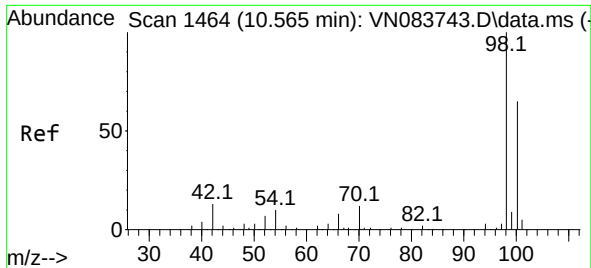
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 16.6 14.3 21.5

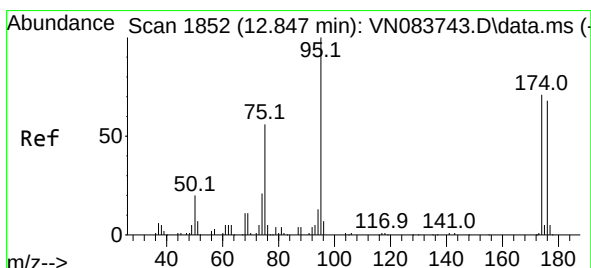
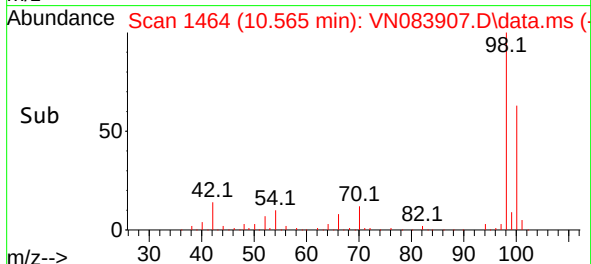
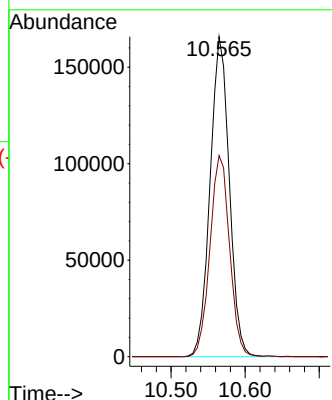
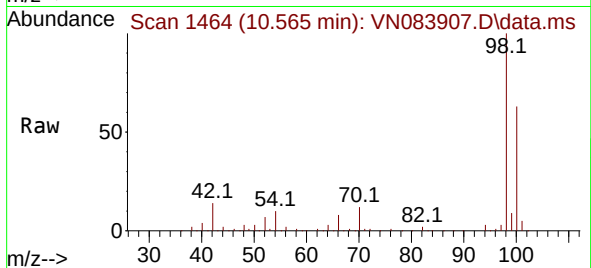




#50
Toluene-d8
Concen: 54.145 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083907.D
Acq: 16 Sep 2024 09:45

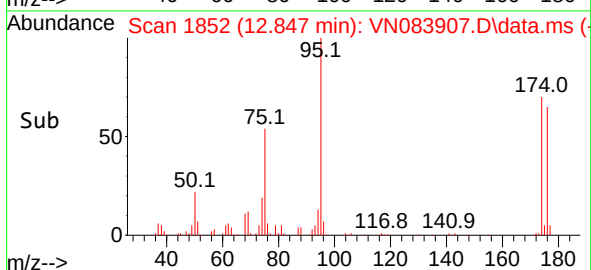
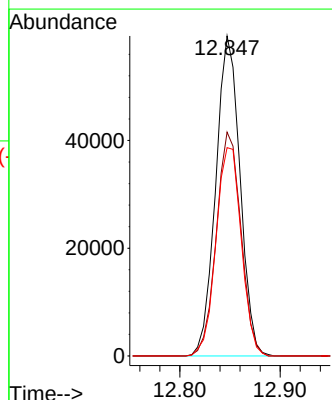
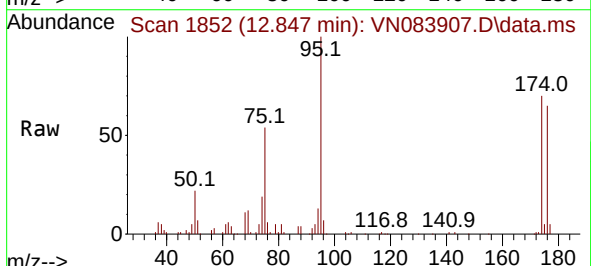
Instrument :
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VN0916MBL01

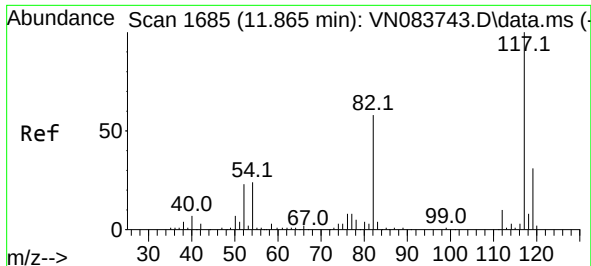
Tgt Ion: 98 Resp: 297873
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.851 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083907.D
Acq: 16 Sep 2024 09:45

Tgt Ion: 95 Resp: 99529
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.9 0.0 131.4

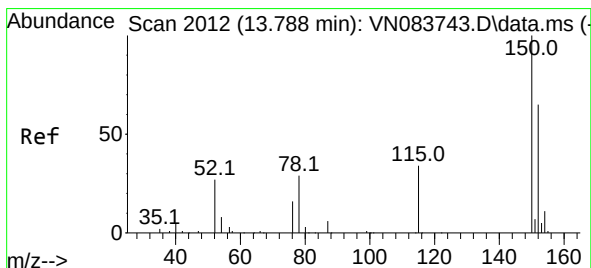
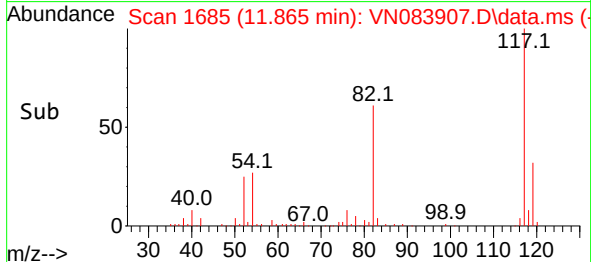
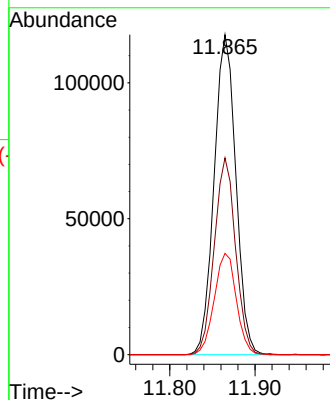
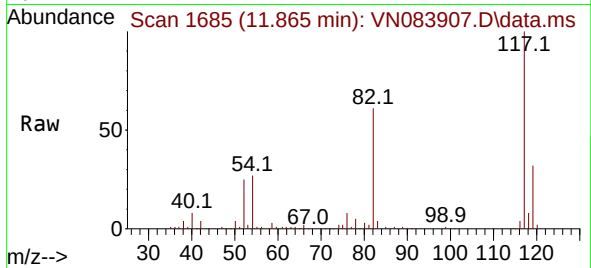




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083907.D
Acq: 16 Sep 2024 09:45

Instrument :
MSVOA_N
ClientSampleId :
VN0916MBL01

Tgt Ion:117 Resp: 209075
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 31.7 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: VN083907.D
Acq: 16 Sep 2024 09:45

Tgt Ion:152 Resp: 85036
Ion Ratio Lower Upper
152 100
115 65.0 32.2 96.6
150 156.9 0.0 348.6

