

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083149.D
 Acq On : 08 Aug 2024 12:33
 Operator : JC\MD
 Sample : P3415-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MLS-15-106-121

Quant Time: Aug 08 13:33:44 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)

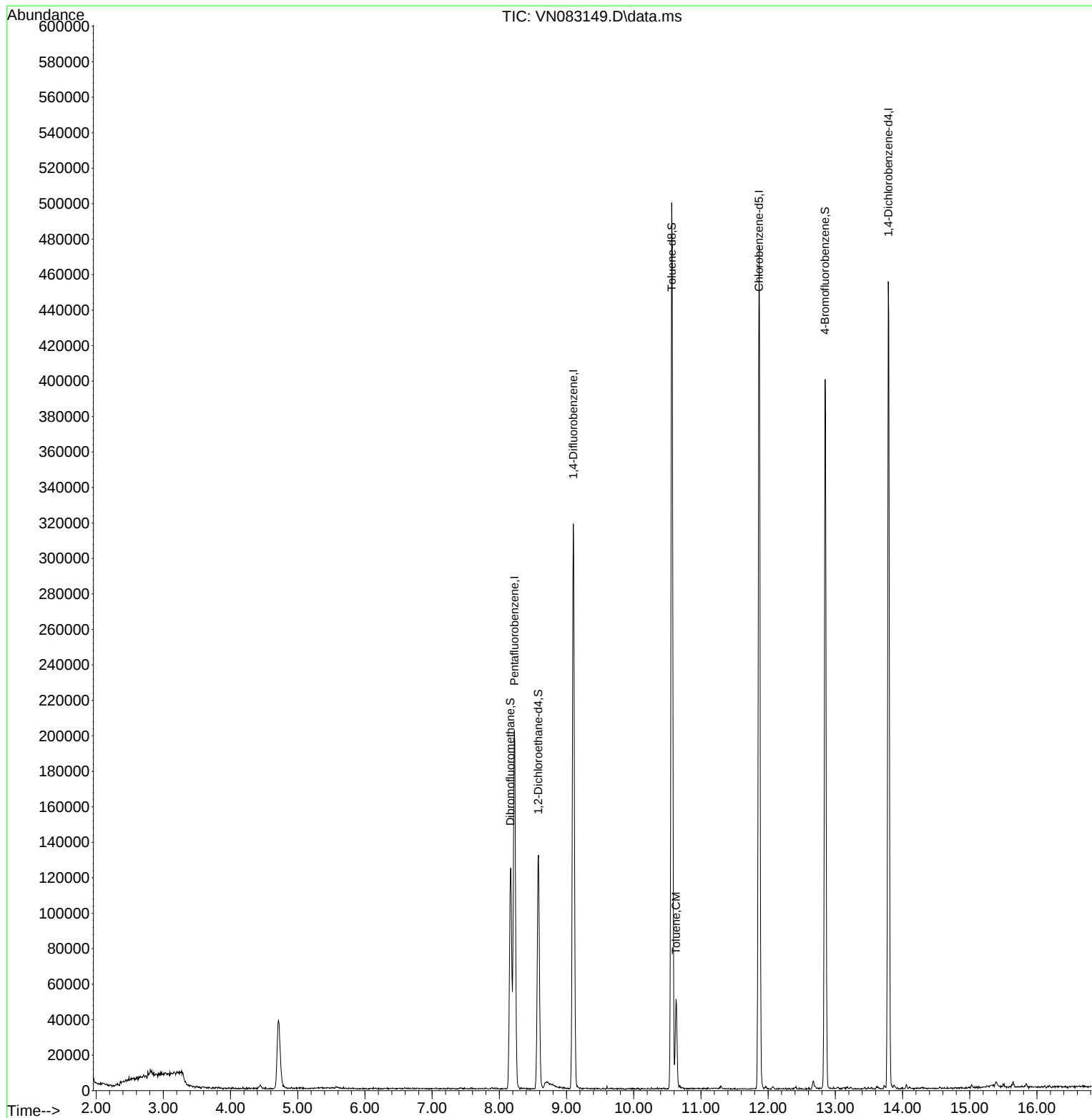
Internal Standards						
1) Pentafluorobenzene	8.224	168	144631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113701	55.231	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.460%	
35) Dibromofluoromethane	8.165	113	91670	53.915	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.820%	
50) Toluene-d8	10.565	98	348640	54.969	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	109.940%	
62) 4-Bromofluorobenzene	12.847	95	144668	58.507	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	117.020%	
Target Compounds						
52) Toluene	10.630	92	21285	4.397	ug/l	Qvalue 99

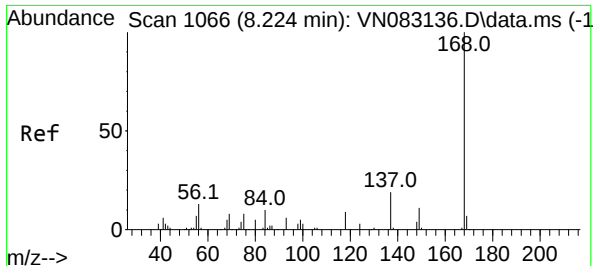
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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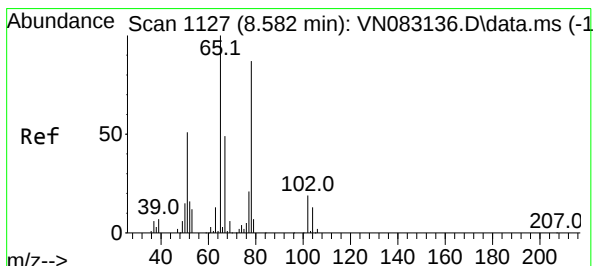
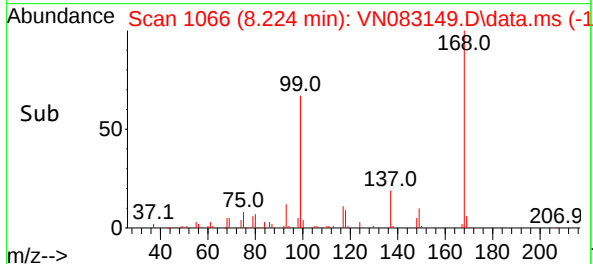
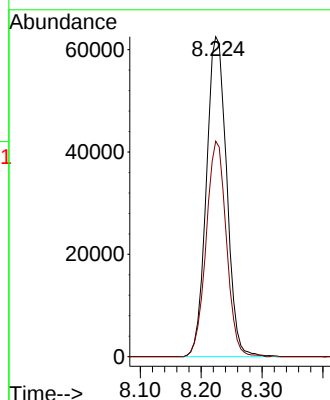
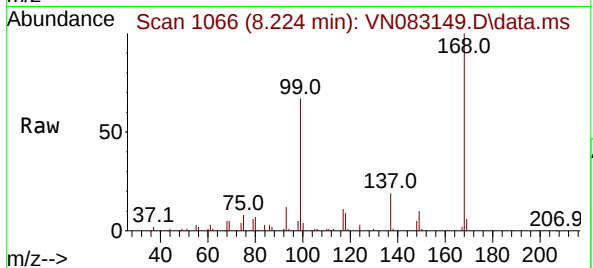




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

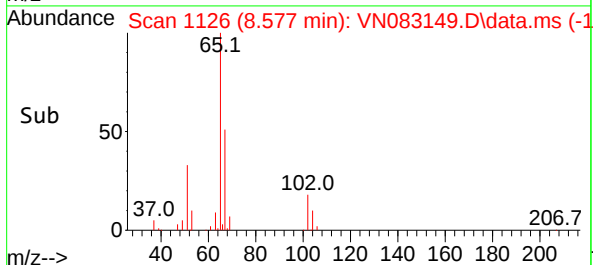
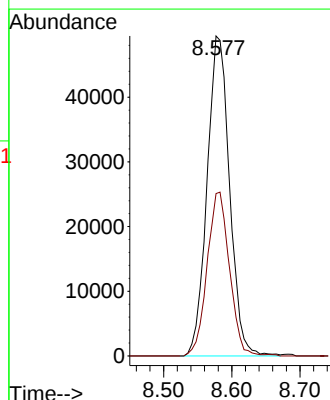
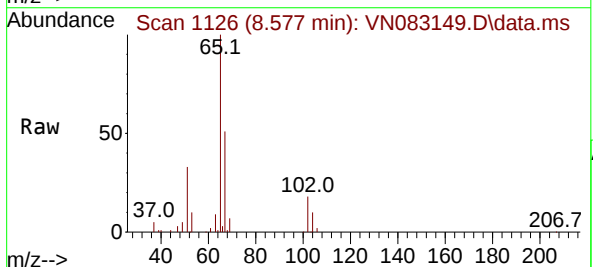
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-106-121

Tgt Ion:168 Resp: 144631
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.231 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion: 65 Resp: 113701
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083149.D

Acq: 08 Aug 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

MLS-15-106-121

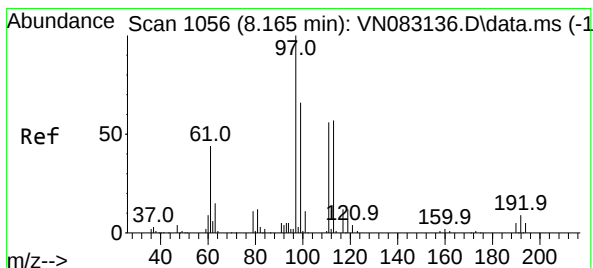
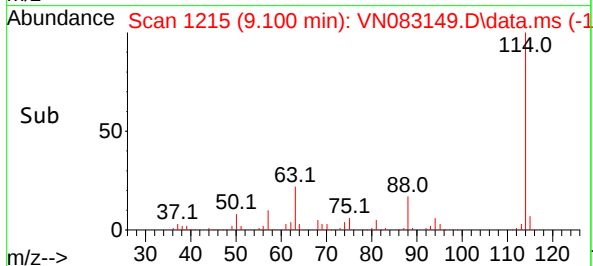
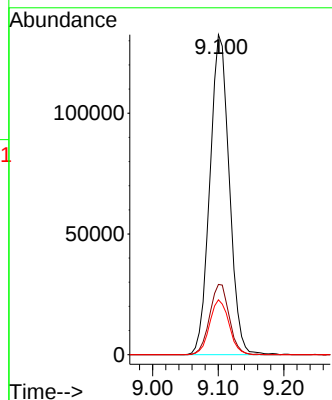
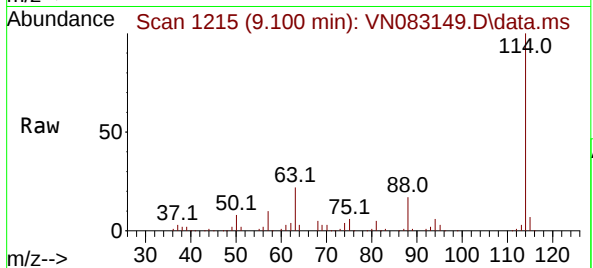
Tgt Ion:114 Resp: 272402

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.915 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083149.D

Acq: 08 Aug 2024 12:33

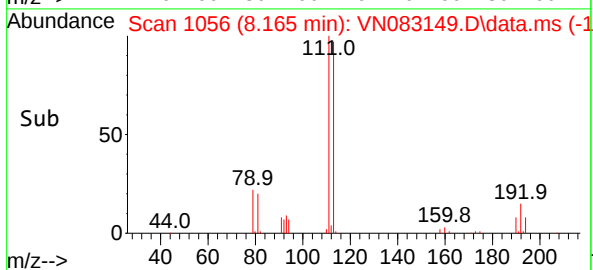
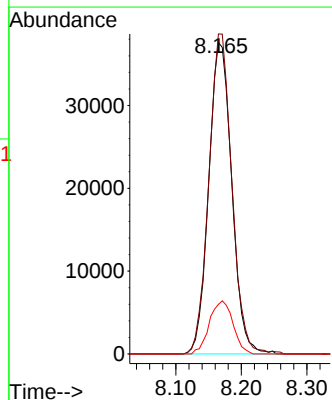
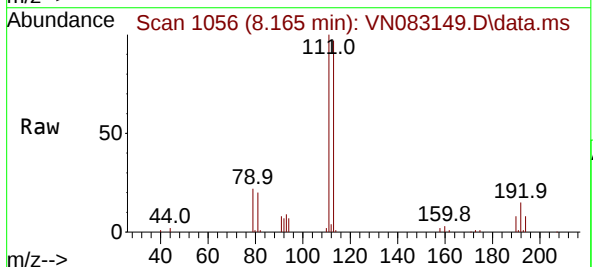
Tgt Ion:113 Resp: 91670

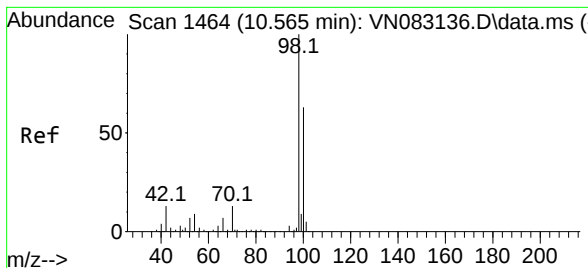
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.4 14.9 22.3

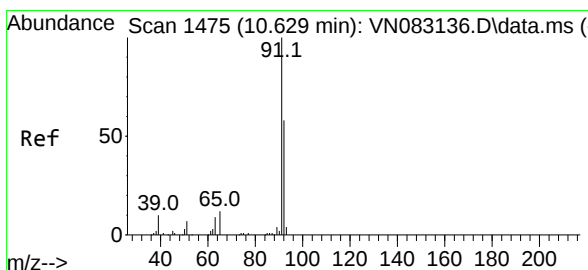
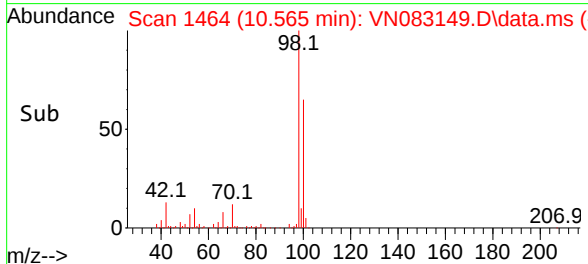
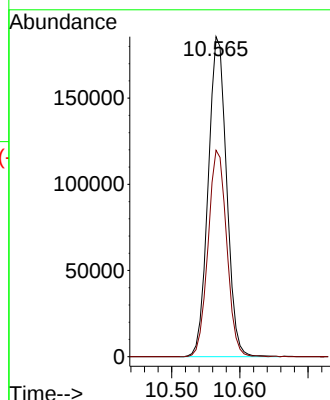
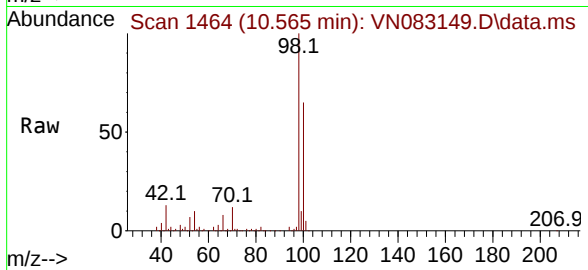




#50
Toluene-d8
Concen: 54.969 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

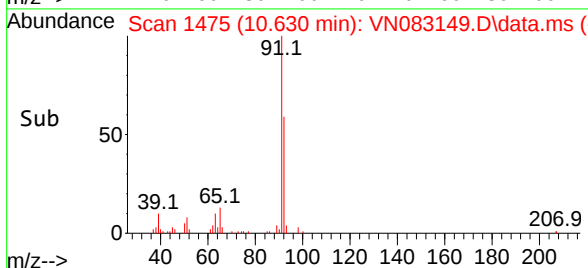
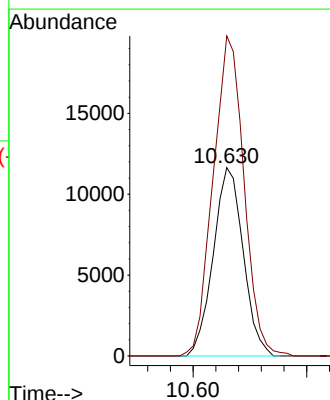
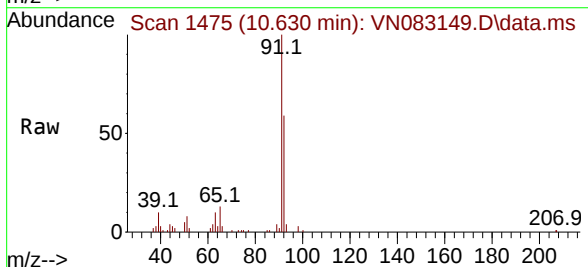
Instrument :
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MLS-15-106-121

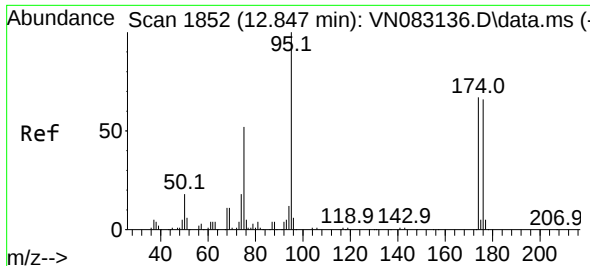
Tgt Ion: 98 Resp: 348640
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#52
Toluene
Concen: 4.397 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Tgt Ion: 92 Resp: 21285
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0

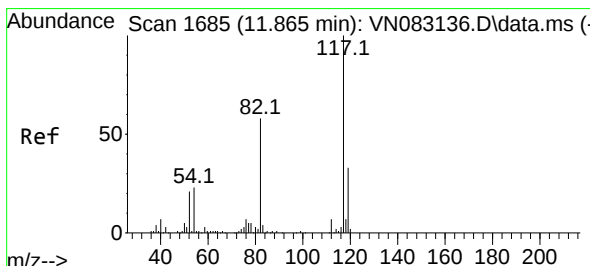
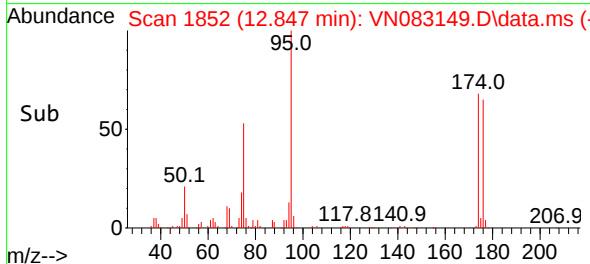
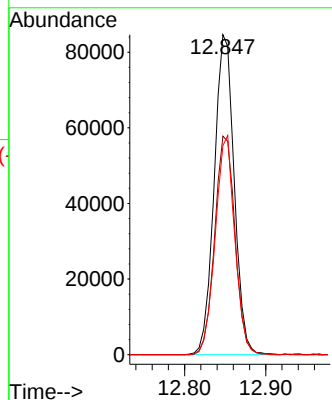
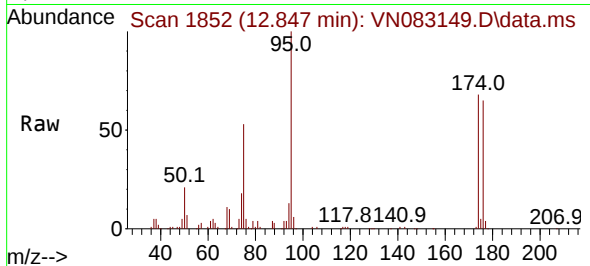




#62
4-Bromofluorobenzene
Concen: 58.507 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

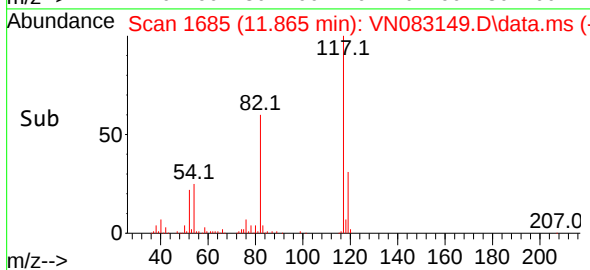
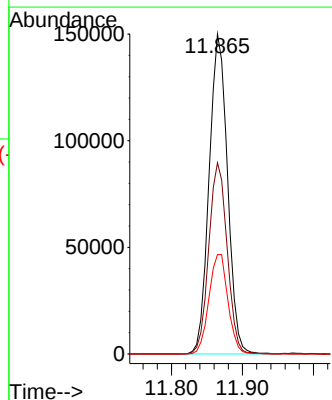
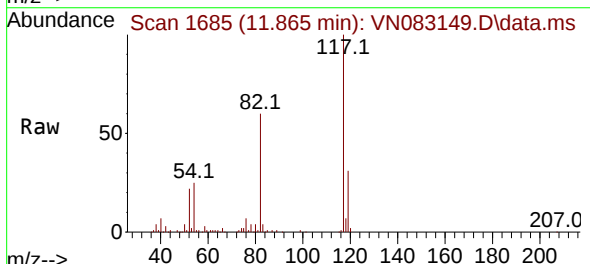
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-106-121

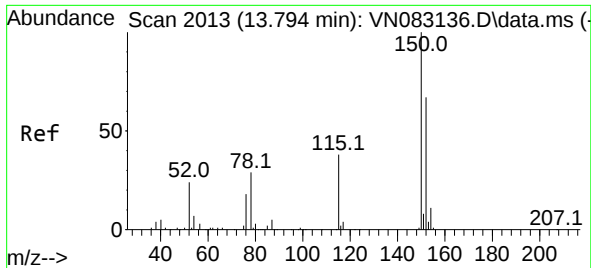
Tgt Ion: 95 Resp: 144668
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

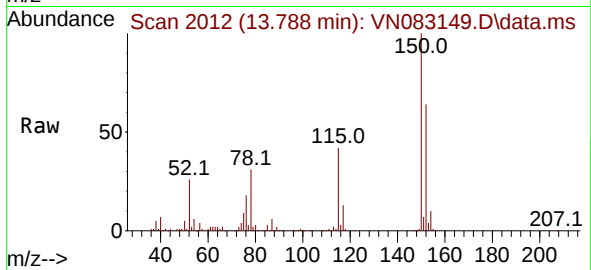
Tgt Ion: 117 Resp: 269888
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 31.1 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN083149.D
Acq: 08 Aug 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :
MLS-15-106-121



Tgt Ion:152 Resp: 120407
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 157.4 0.0 348.6

