

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084483.D
 Acq On : 24 Oct 2024 13:10
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Oct 25 01:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	114451	47.943	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.880%
35) Dibromofluoromethane	8.165	113	93354	51.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	10.565	98	324504	48.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.847	95	100016	41.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.160%

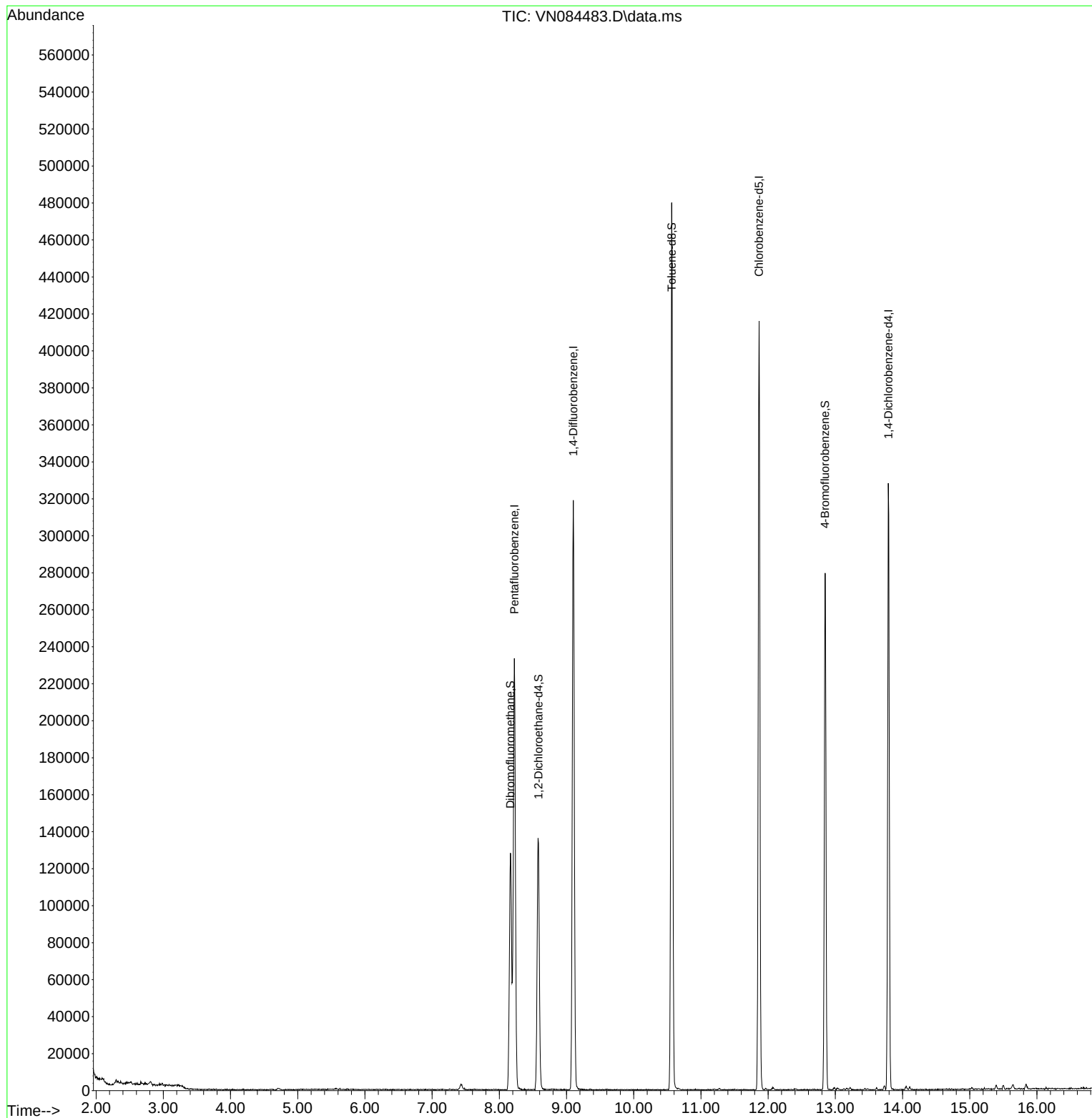
Target Compounds	Qvalue

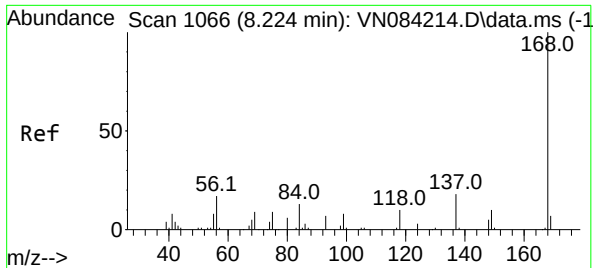
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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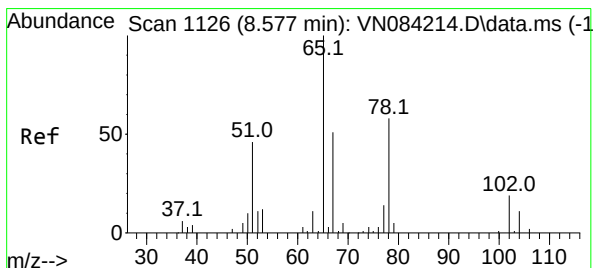
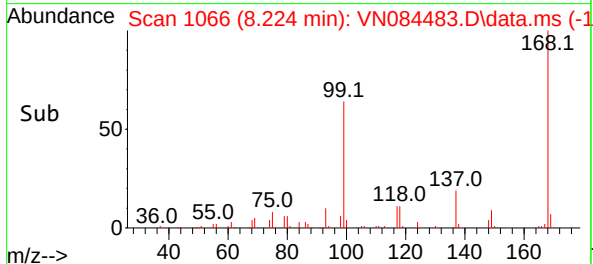
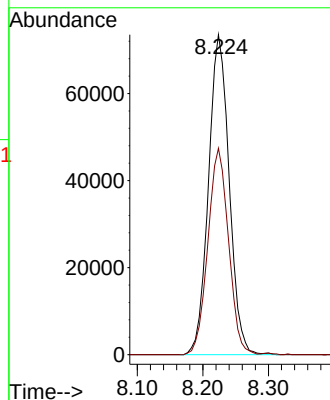
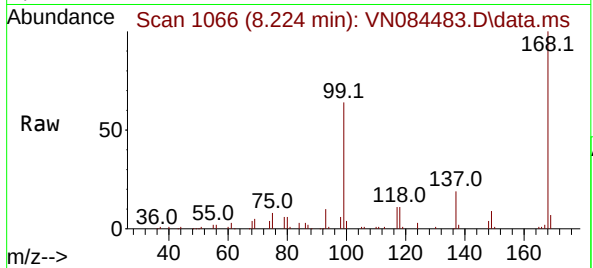




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

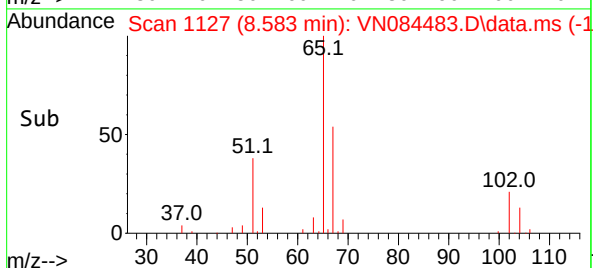
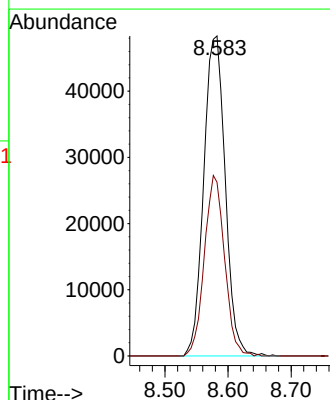
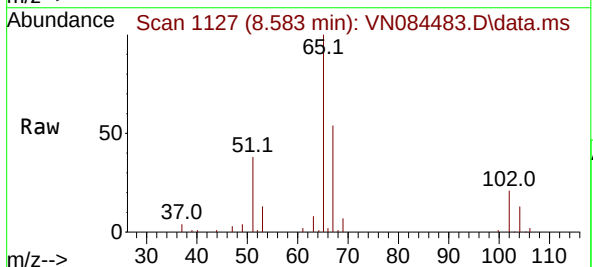
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

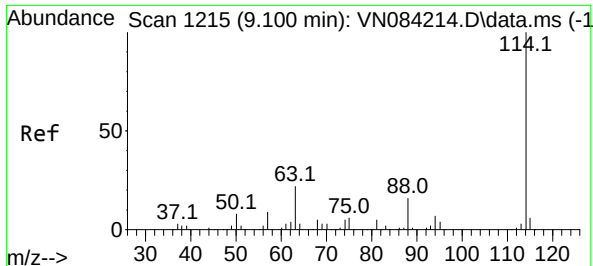
Tgt Ion:168 Resp: 161008
Ion Ratio Lower Upper
168 100
99 64.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.943 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

Tgt Ion: 65 Resp: 114451
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0

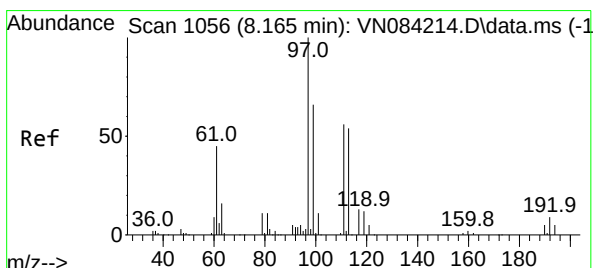
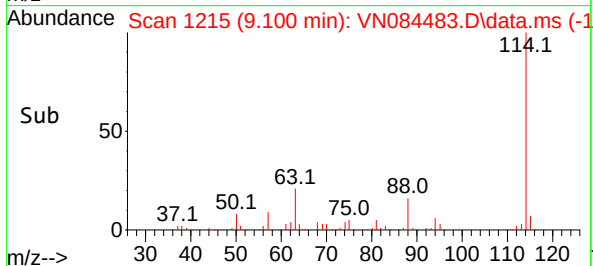
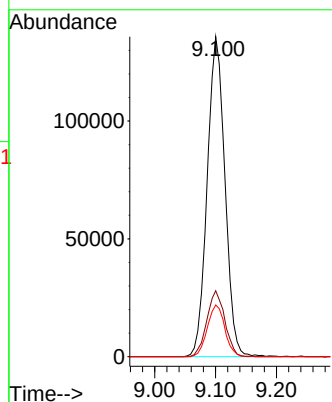
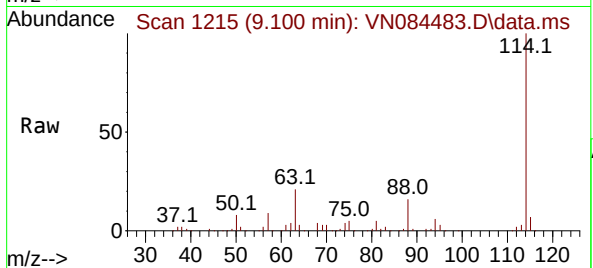




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

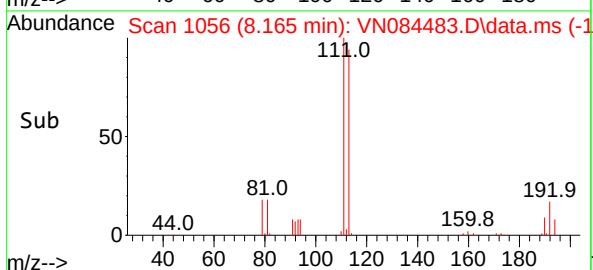
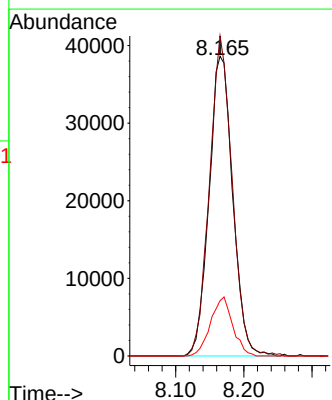
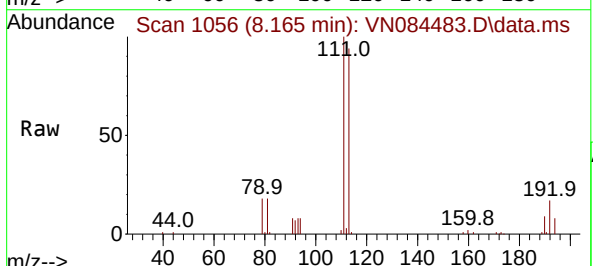
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

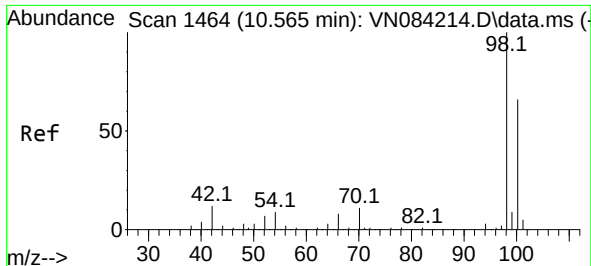
Tgt Ion:114 Resp: 275560
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.388 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

Tgt Ion:113 Resp: 93354
Ion Ratio Lower Upper
113 100
111 102.3 83.3 124.9
192 18.4 13.5 20.3

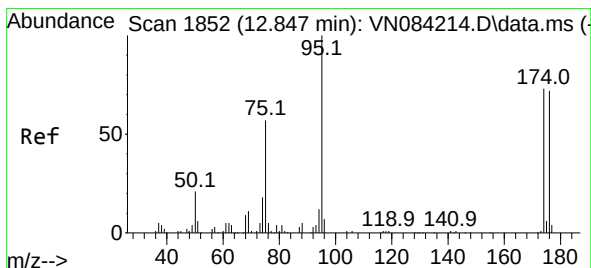
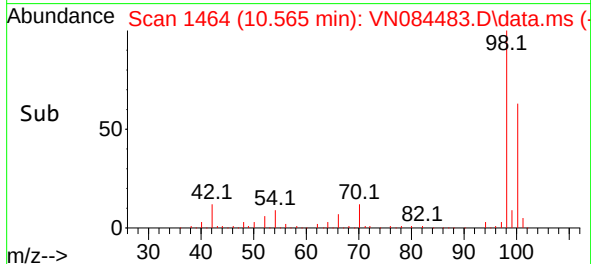
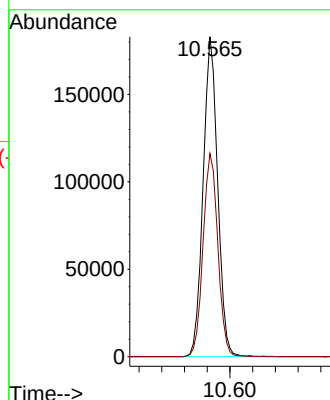
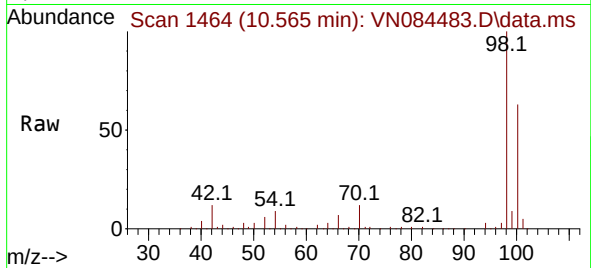




#50
Toluene-d8
Concen: 48.552 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

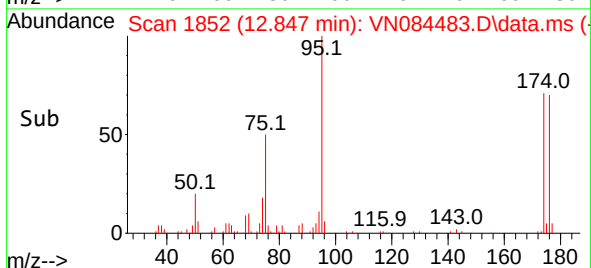
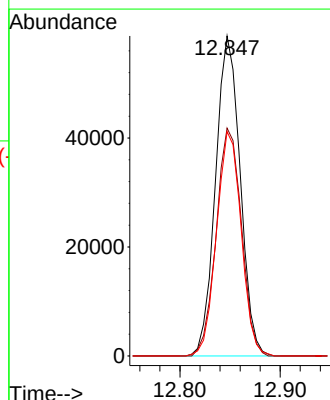
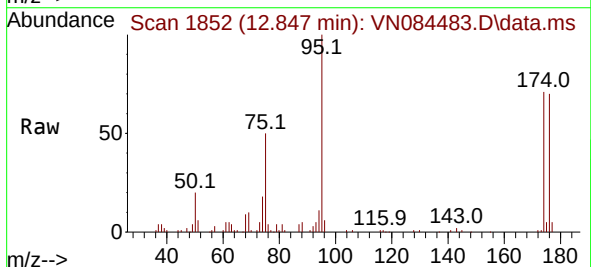
Instrument :
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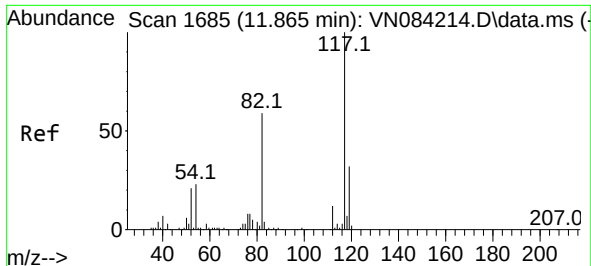
Tgt Ion: 98 Resp: 324504
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 41.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

Tgt Ion: 95 Resp: 100016
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.2
176 70.1 0.0 140.0

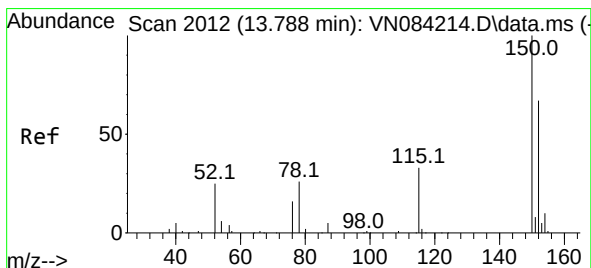
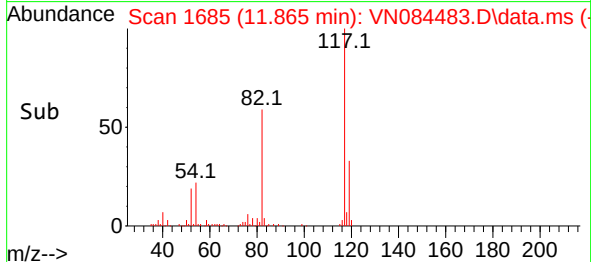
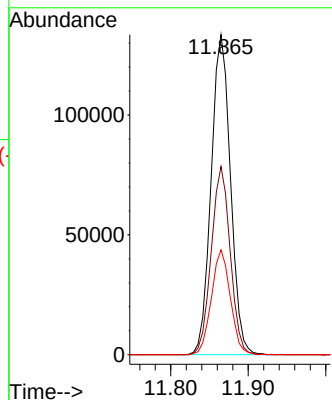
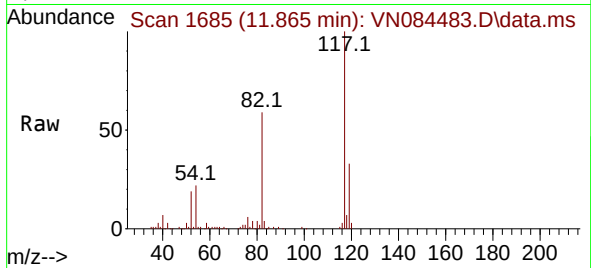




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 231893
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084483.D
Acq: 24 Oct 2024 13:10

Tgt Ion:152 Resp: 87187
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.9
150 157.6 0.0 349.8

