

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084531.D
 Acq On : 28 Oct 2024 11:42
 Operator : JC\MD
 Sample : VN1028WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

Quant Time: Oct 28 14:14:20 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	165769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122120	49.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	8.165	113	99532	51.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	10.565	98	352609	49.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.847	95	116395	44.880	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.760%

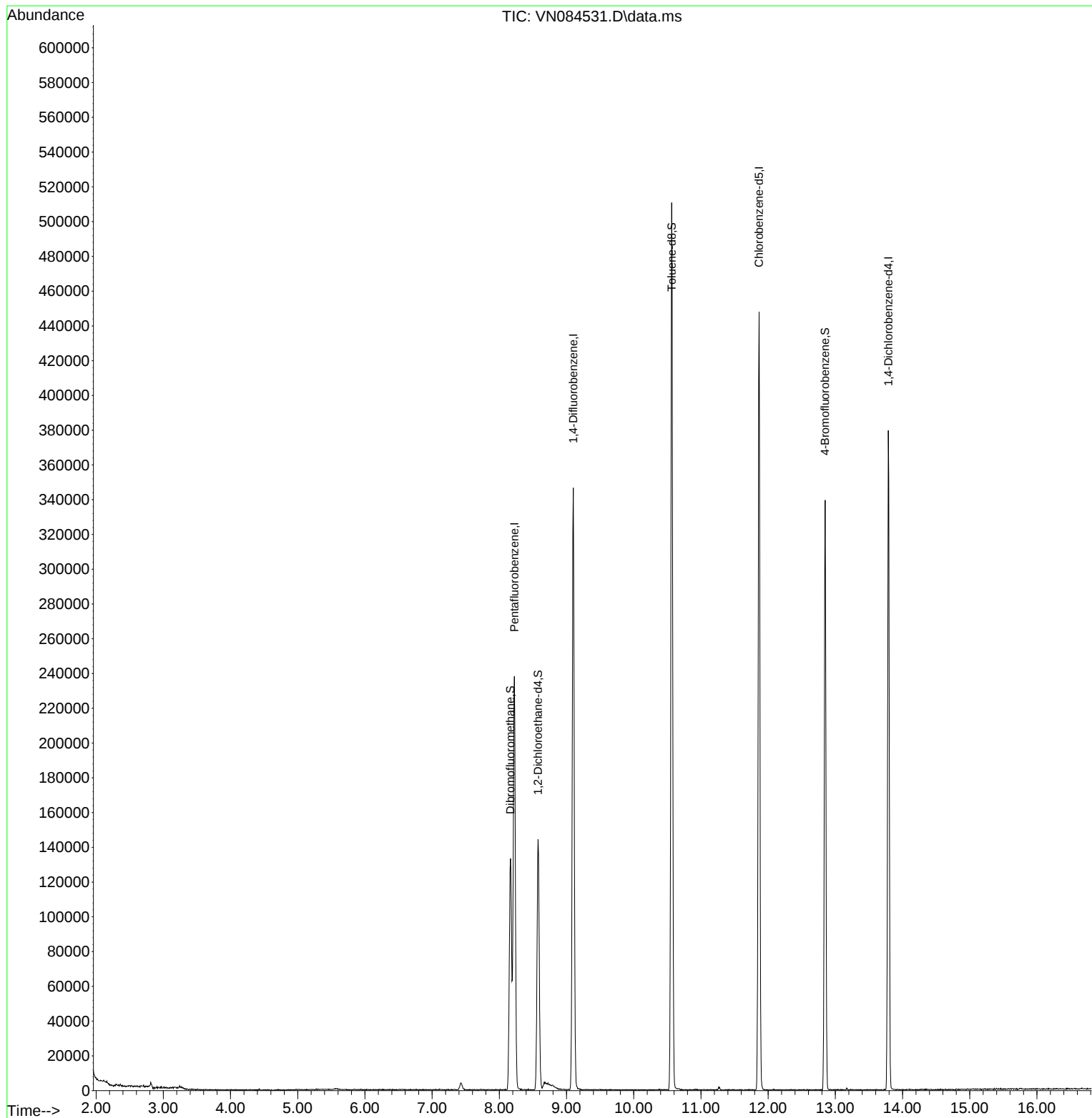
Target Compounds	Qvalue

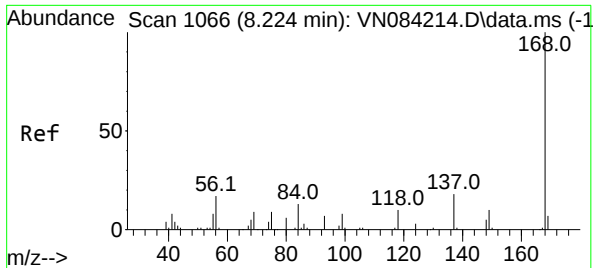
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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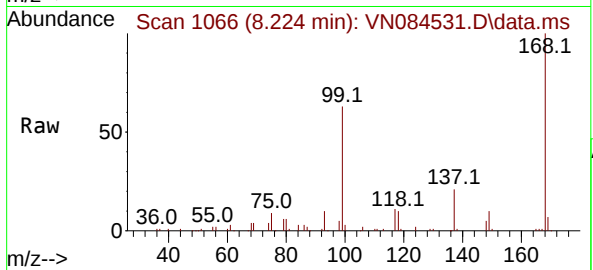
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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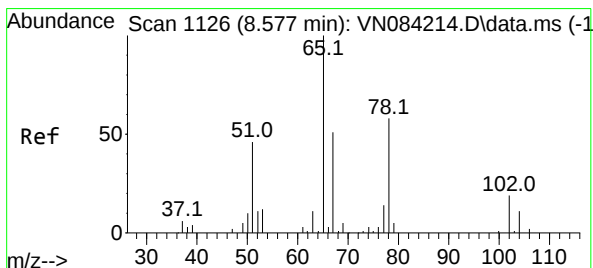
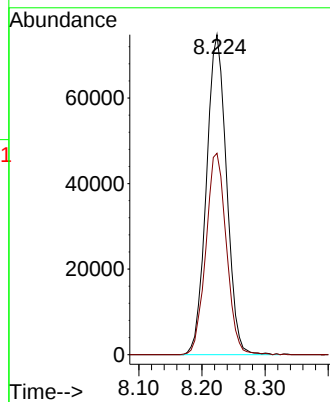
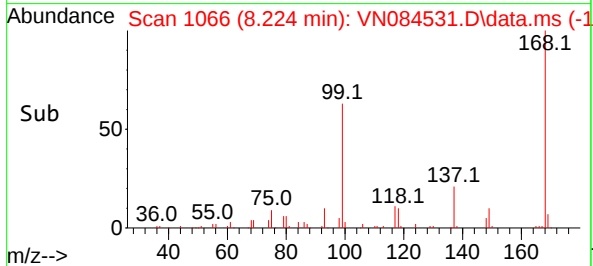


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084531.D
Acq: 28 Oct 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

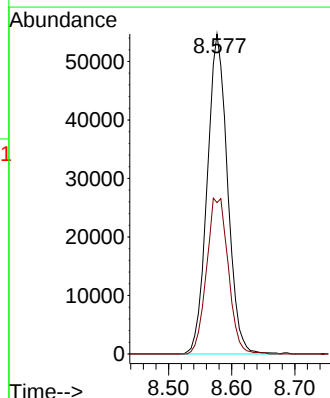
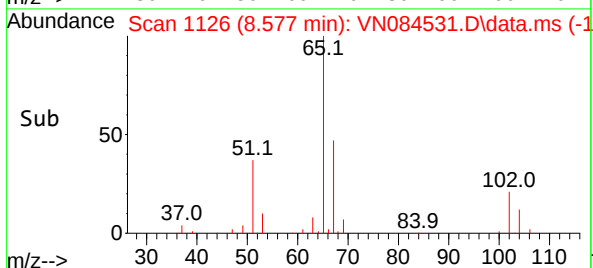
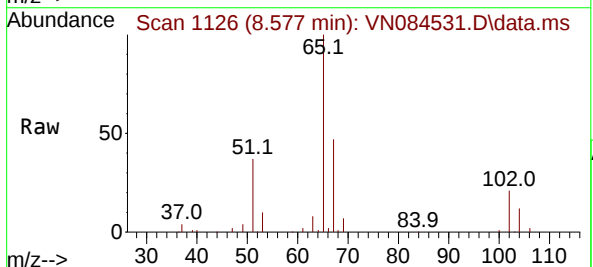


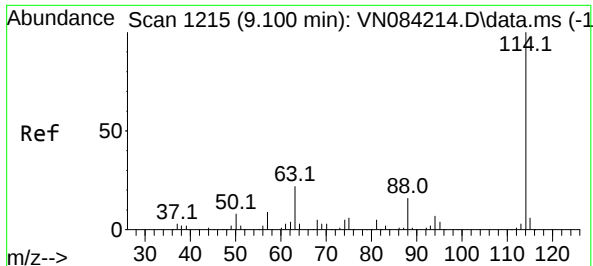
Tgt Ion:168 Resp: 165769
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.686 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084531.D
Acq: 28 Oct 2024 11:42

Tgt Ion: 65 Resp: 122120
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084531.D

Acq: 28 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBL01

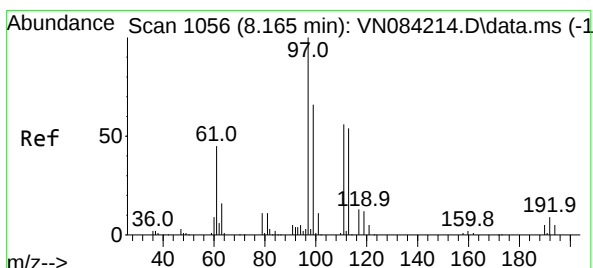
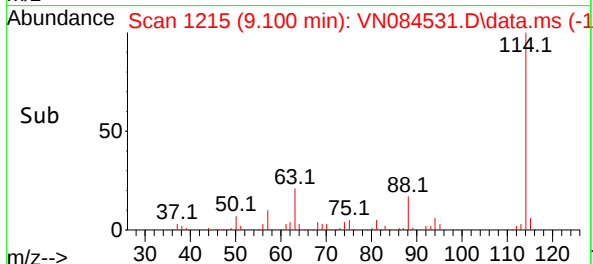
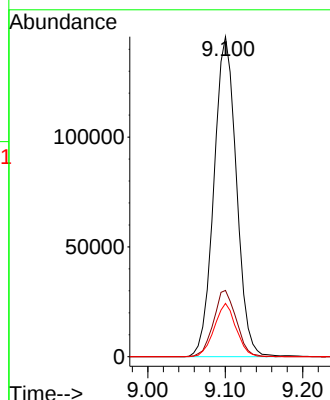
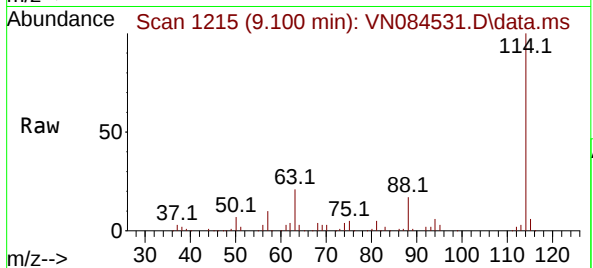
Tgt Ion:114 Resp: 293503

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 16.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.439 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084531.D

Acq: 28 Oct 2024 11:42

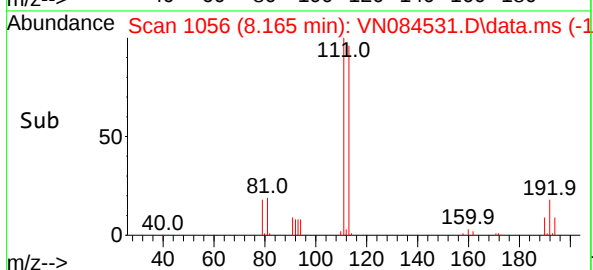
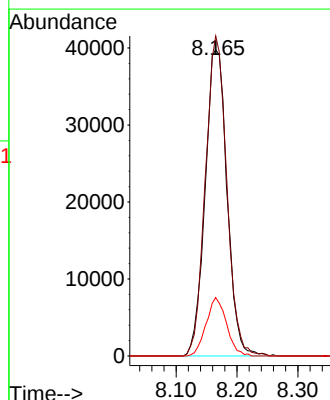
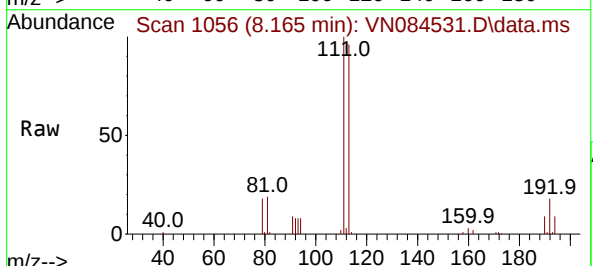
Tgt Ion:113 Resp: 99532

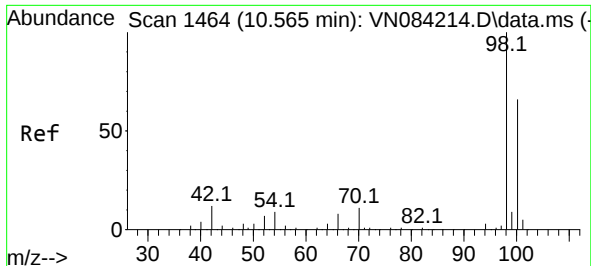
Ion Ratio Lower Upper

113 100

111 101.6 83.3 124.9

192 17.7 13.5 20.3

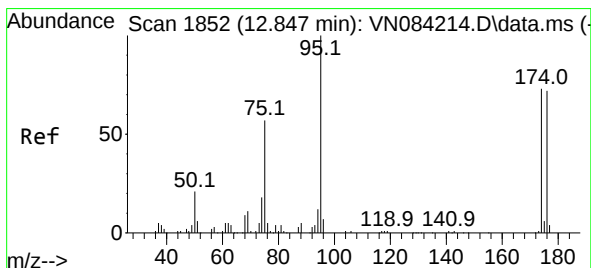
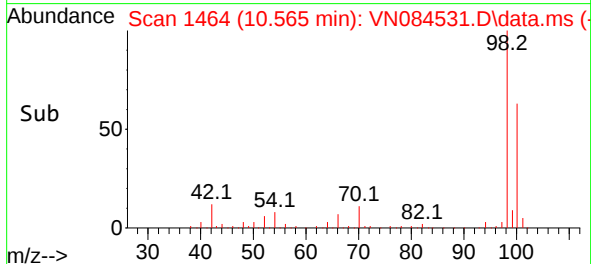
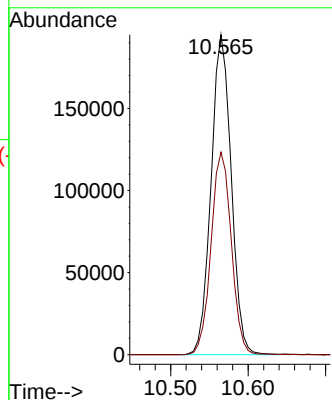
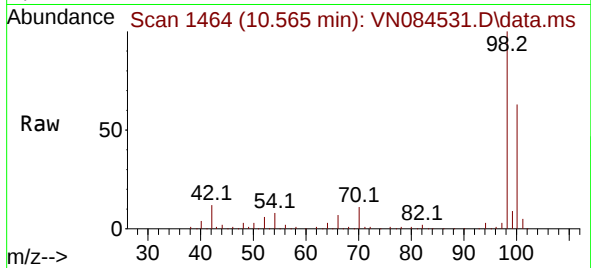




#50
Toluene-d8
Concen: 49.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084531.D
Acq: 28 Oct 2024 11:42

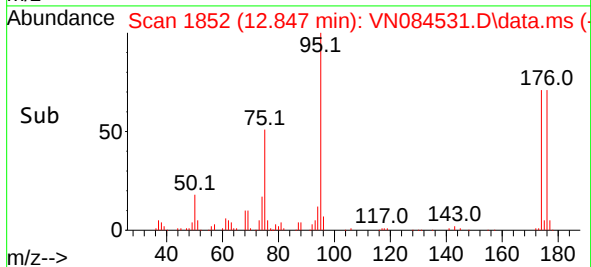
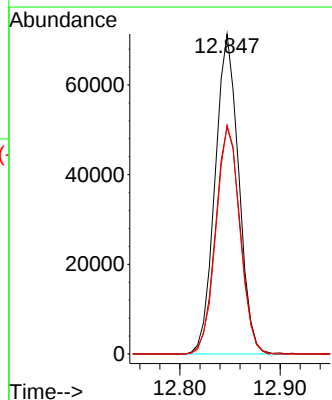
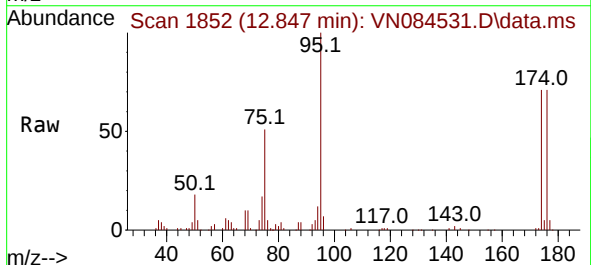
Instrument :
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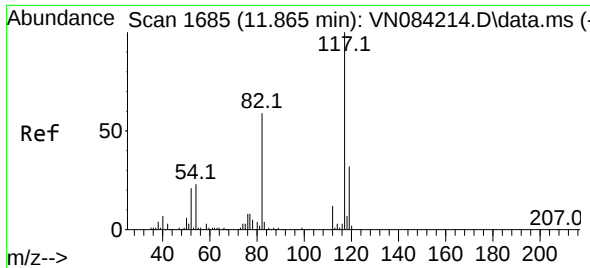
Tgt Ion: 98 Resp: 352609
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.880 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084531.D
Acq: 28 Oct 2024 11:42

Tgt Ion: 95 Resp: 116395
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.2
176 72.3 0.0 140.0

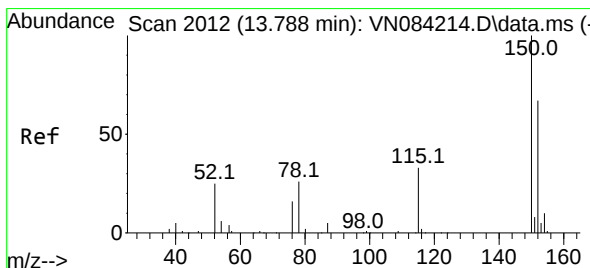
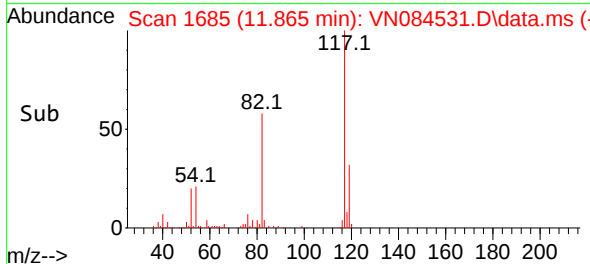
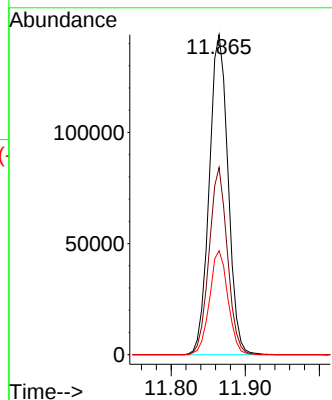
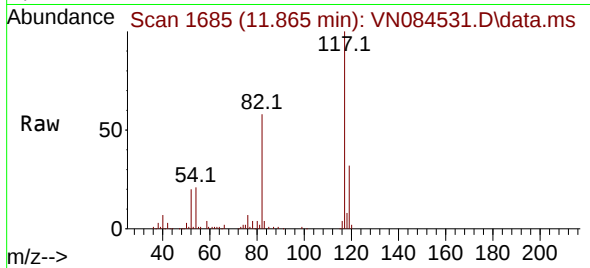




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084531.D
Acq: 28 Oct 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

Tgt Ion:117 Resp: 253666
Ion Ratio Lower Upper
117 100
82 58.5 47.2 70.8
119 32.5 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: VN084531.D
Acq: 28 Oct 2024 11:42

Tgt Ion:152 Resp: 101609
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.9
150 156.9 0.0 349.8

