

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085181.D
 Acq On : 12 Dec 2024 10:46
 Operator : JC\MD
 Sample : VN1212MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBL01

Quant Time: Dec 13 04:20:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105948	52.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.420%
35) Dibromofluoromethane	8.165	113	85433	51.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.000%
50) Toluene-d8	10.565	98	289767	48.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.847	95	91224	41.033	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.060%

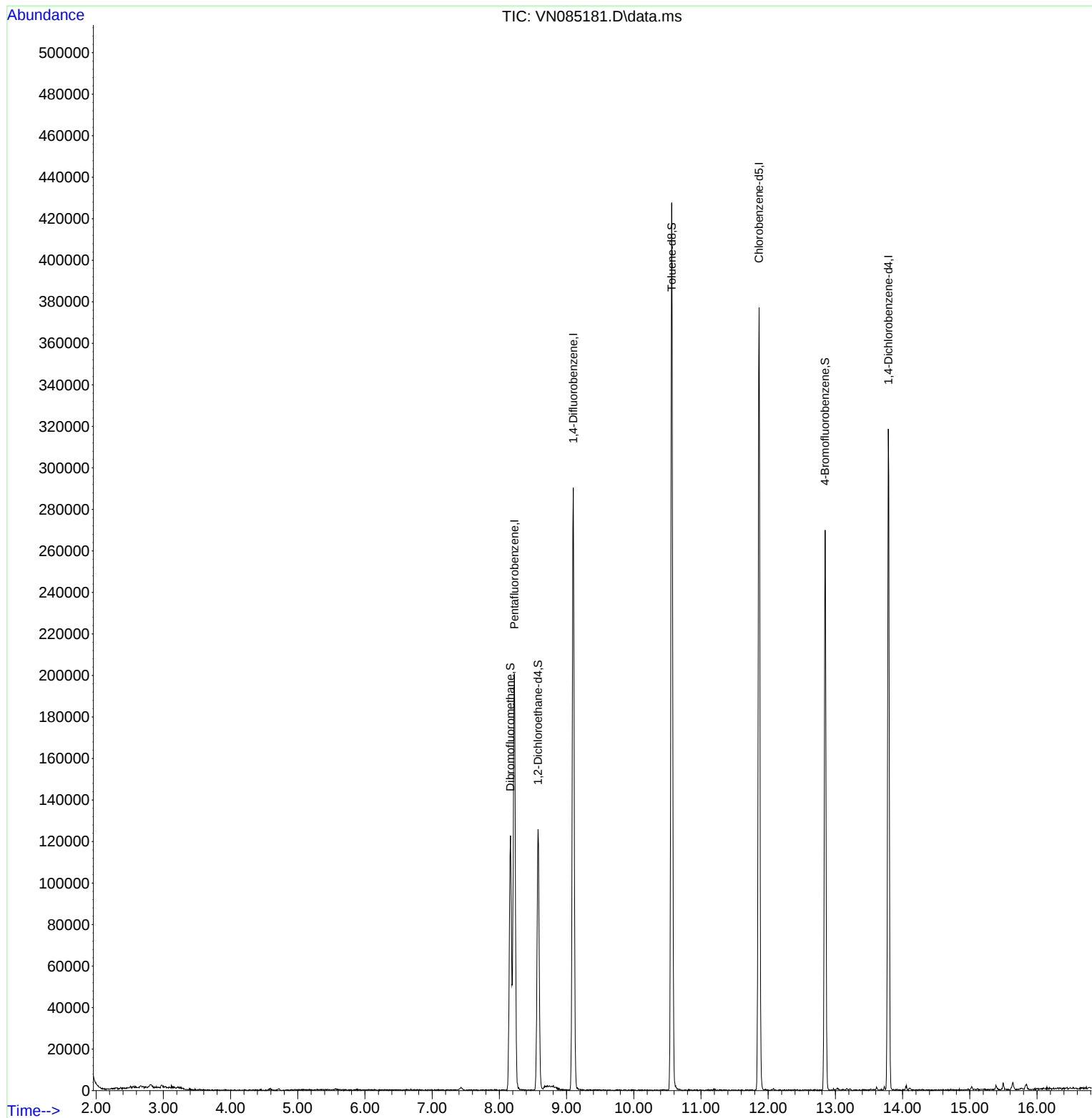
Target Compounds	Qvalue

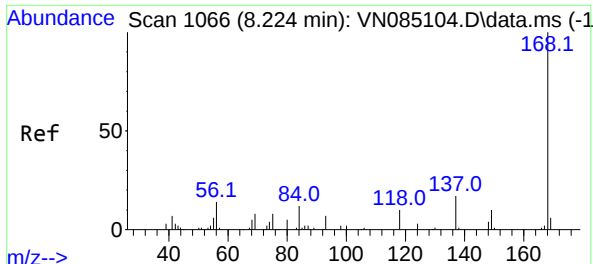
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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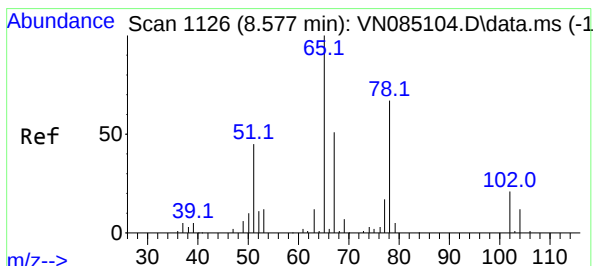
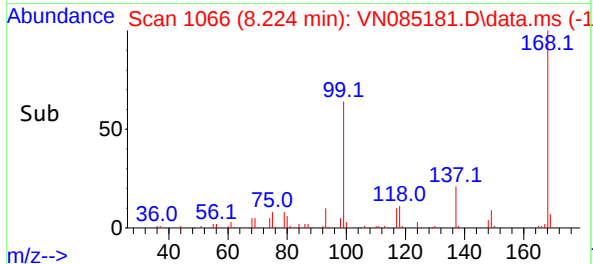
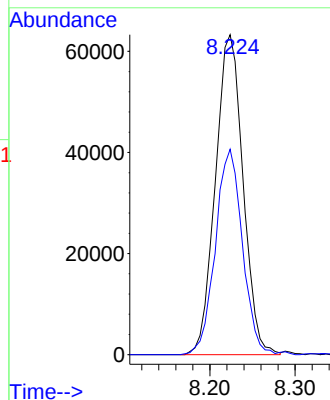
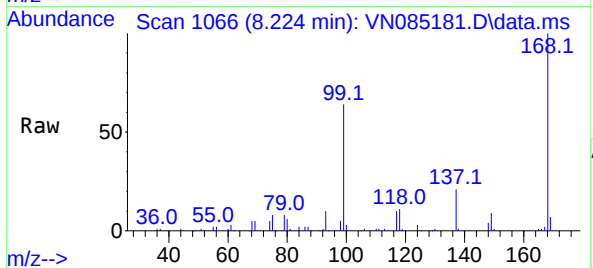




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

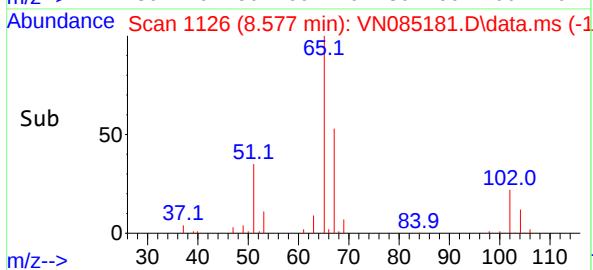
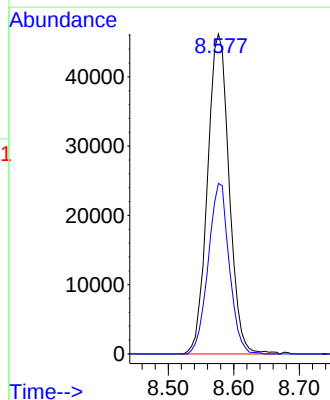
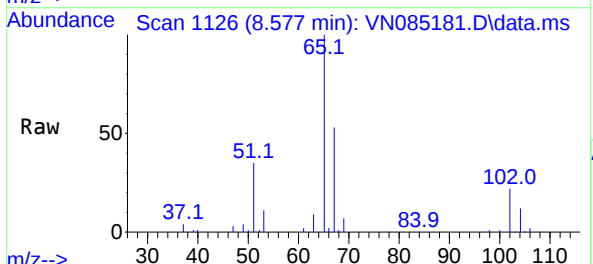
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

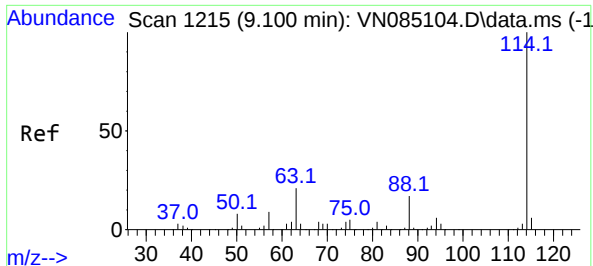
Tgt Ion:168 Resp: 142475
Ion Ratio Lower Upper
168 100
99 64.2 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 52.205 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

Tgt Ion: 65 Resp: 105948
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0

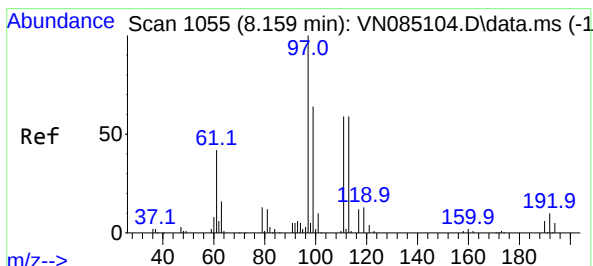
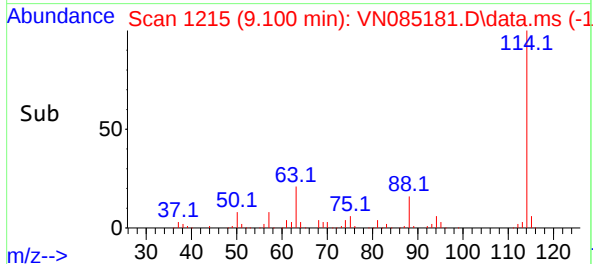
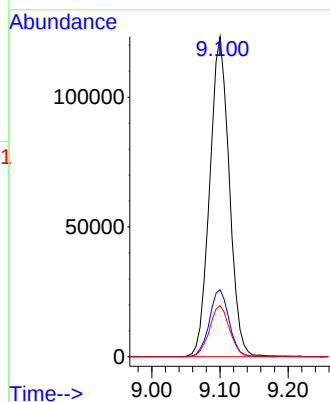
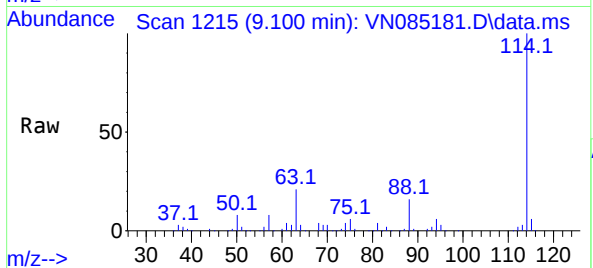




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

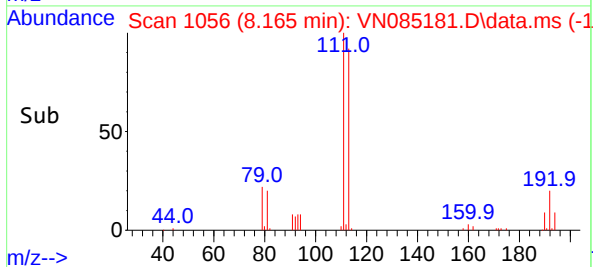
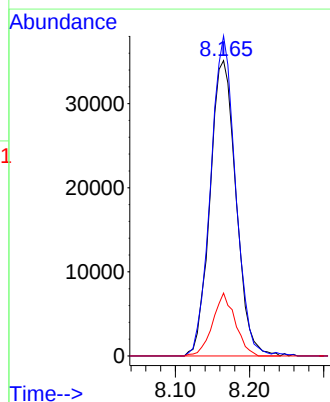
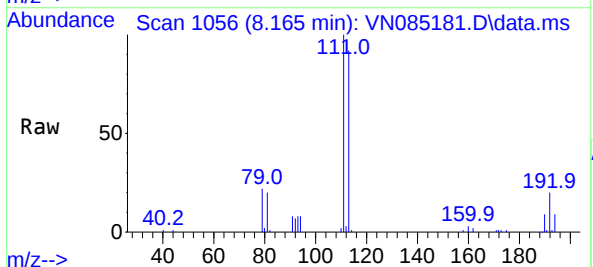
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VN1212MBL01

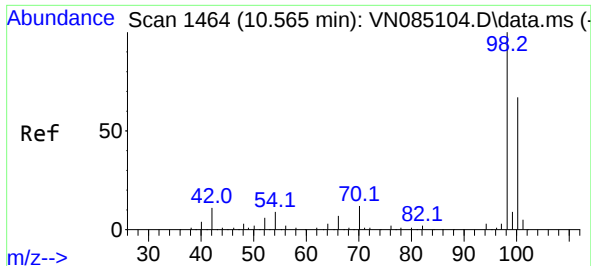
Tgt Ion:114 Resp: 245983
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.502 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

Tgt Ion:113 Resp: 85433
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 18.5 14.8 22.2

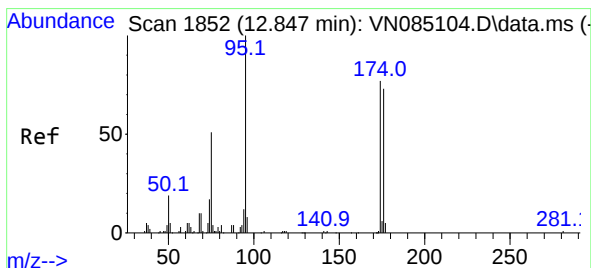
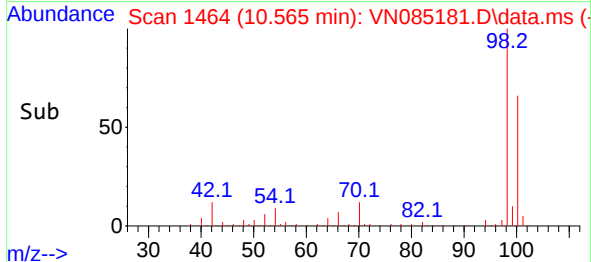
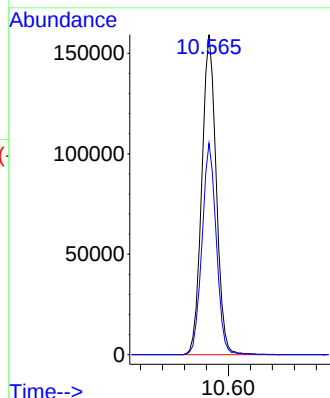
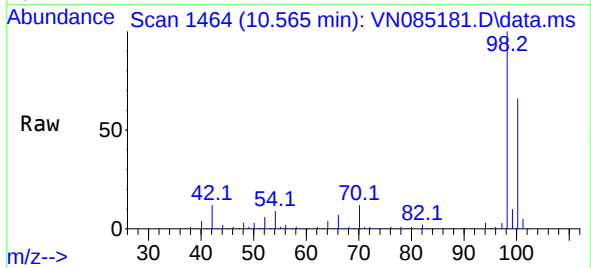




#50
Toluene-d8
Concen: 48.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

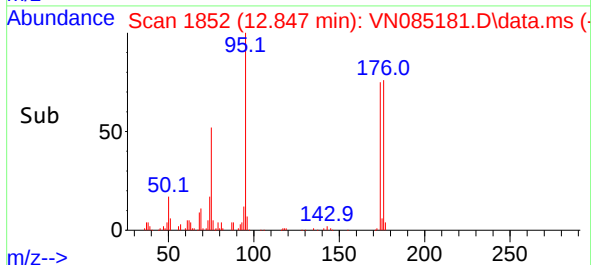
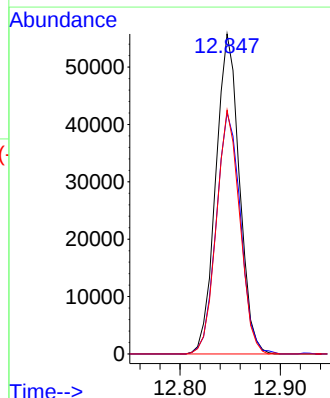
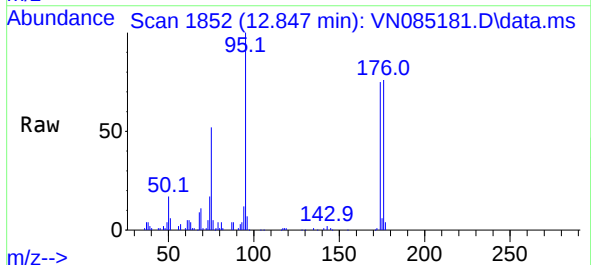
Instrument :
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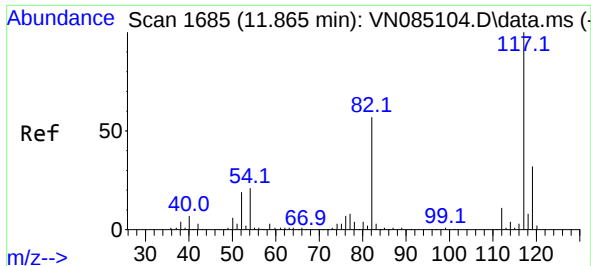
Tgt Ion: 98 Resp: 289767
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.033 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

Tgt Ion: 95 Resp: 91224
Ion Ratio Lower Upper
95 100
174 77.5 0.0 146.6
176 75.4 0.0 141.8

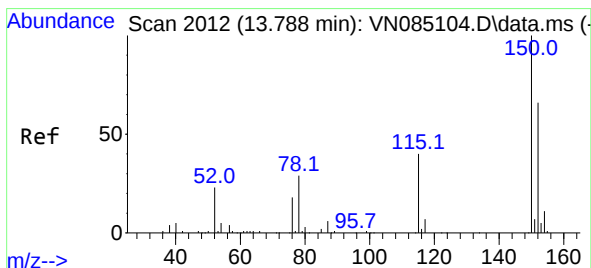
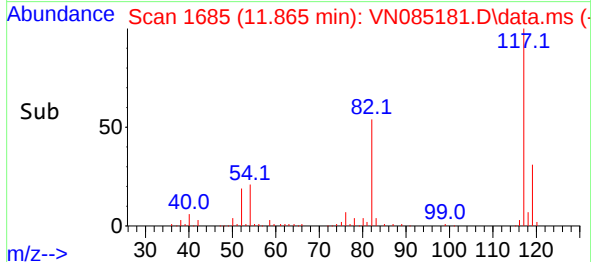
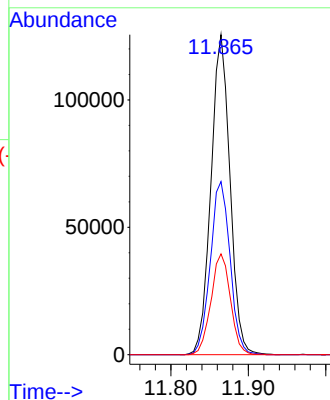
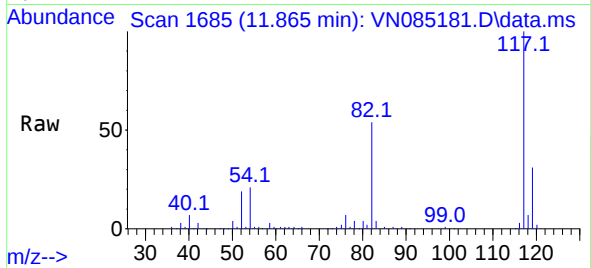




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion:117 Resp: 214183
Ion Ratio Lower Upper
117 100
82 54.1 46.0 69.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085181.D
Acq: 12 Dec 2024 10:46

Tgt Ion:152 Resp: 85471
Ion Ratio Lower Upper
152 100
115 64.0 31.7 95.1
150 159.6 0.0 351.4

