

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081376.D
 Acq On : 12 Mar 2024 16:38
 Operator : JC\MD
 Sample : P1734-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Quant Time: Mar 13 04:54:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	330111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237740	49.809	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	8.165	113	181783	51.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.570	98	687122	51.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.853	95	217690	46.235	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.460%

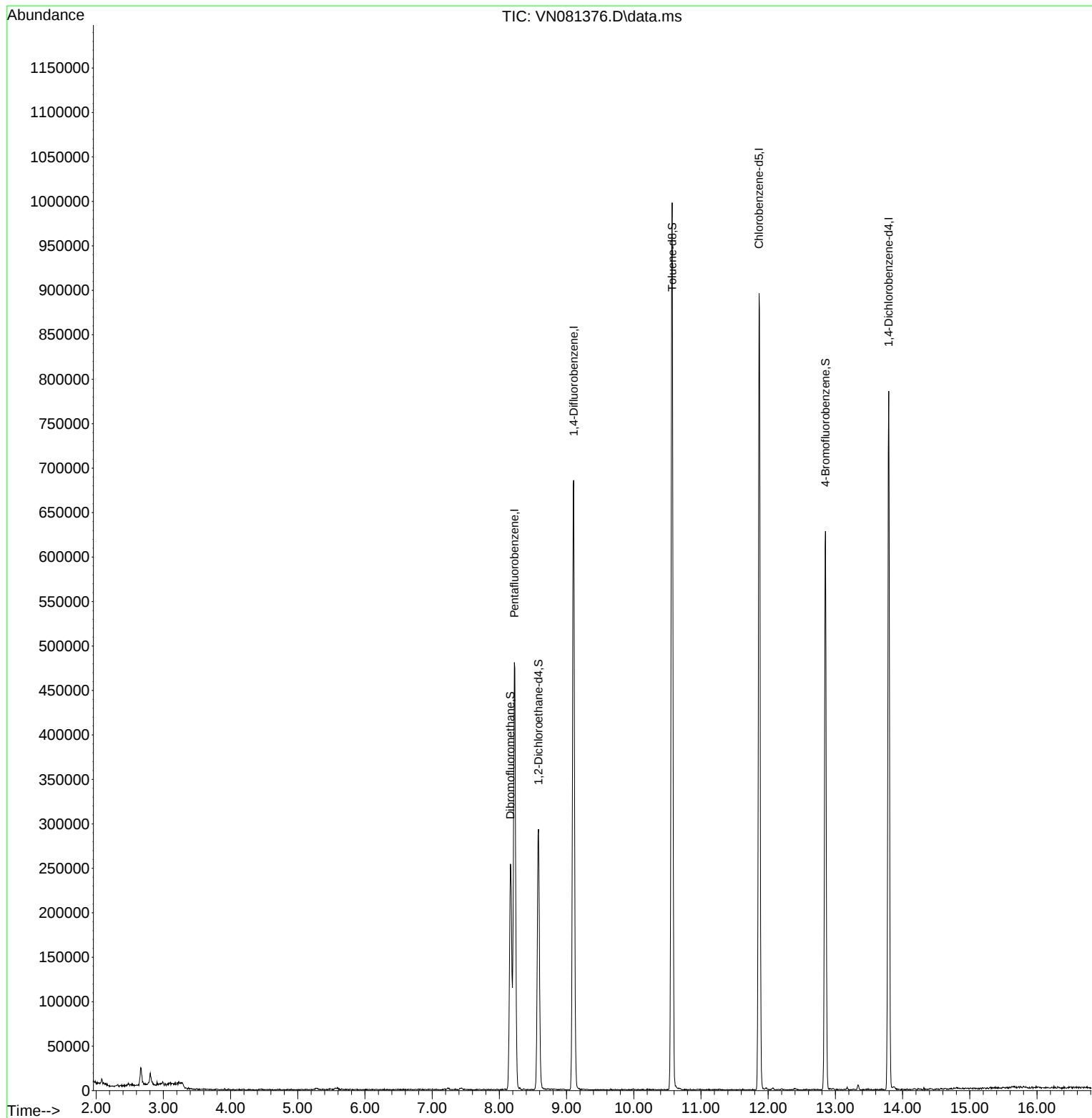
Target Compounds	Qvalue

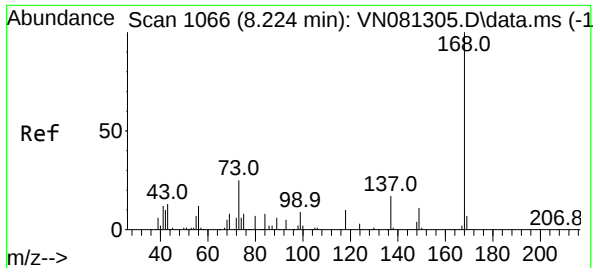
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1341

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

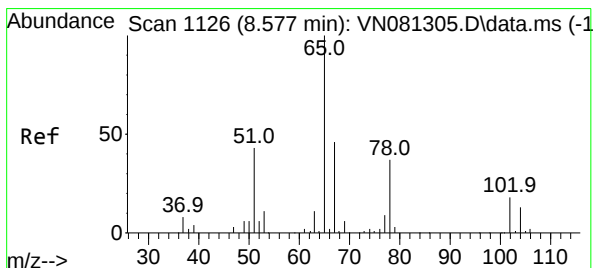
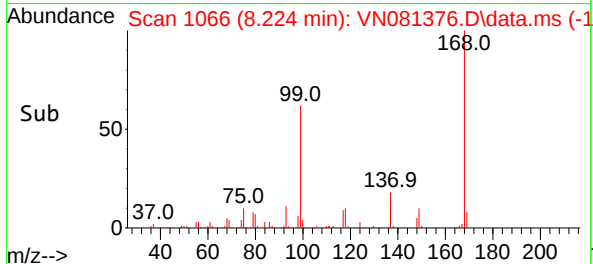
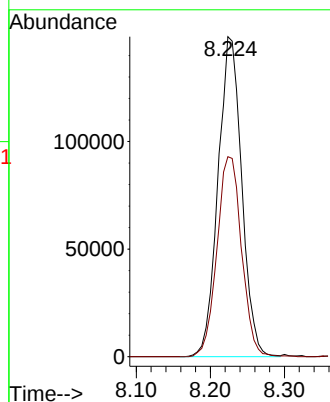
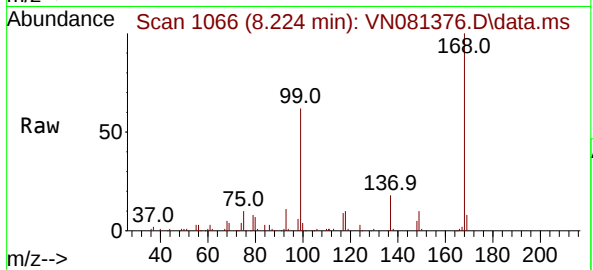




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

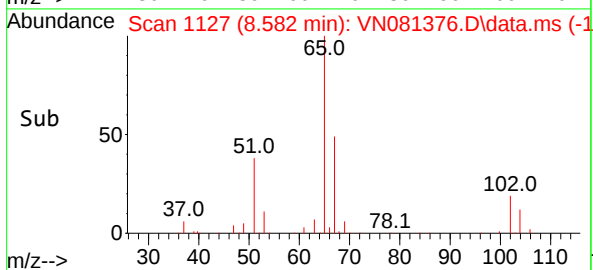
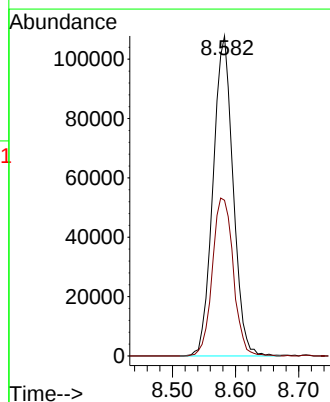
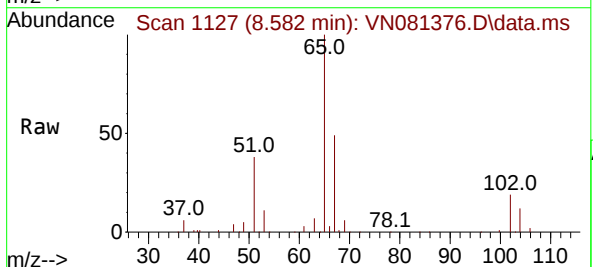
Instrument :
MSVOA_N
ClientSampleId :
1341

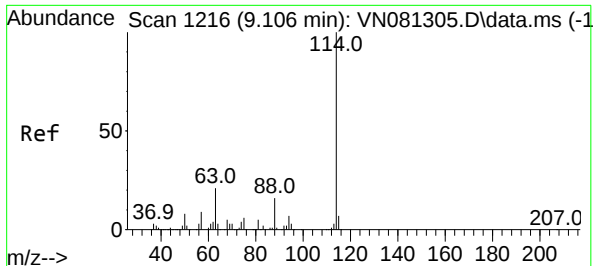
Tgt Ion:168 Resp: 330111
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.809 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion: 65 Resp: 237740
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

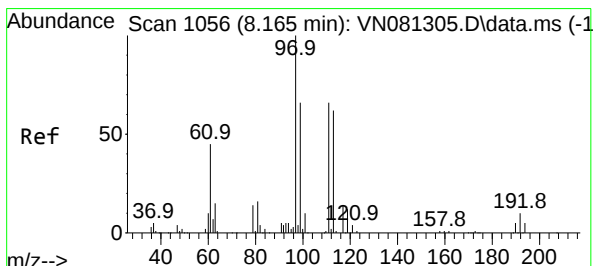
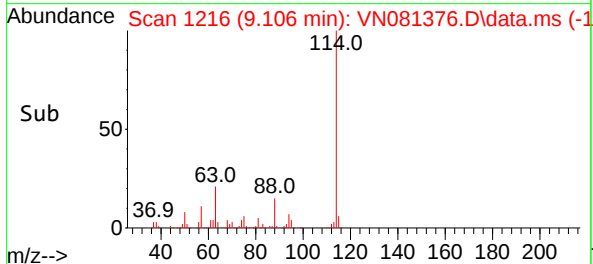
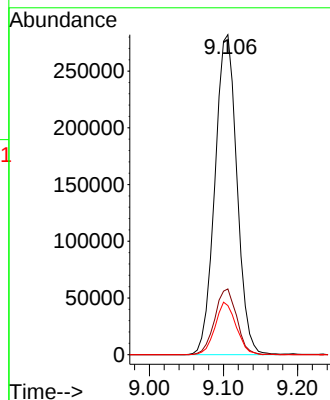
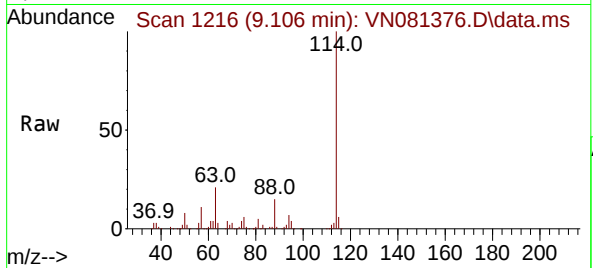




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11341
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

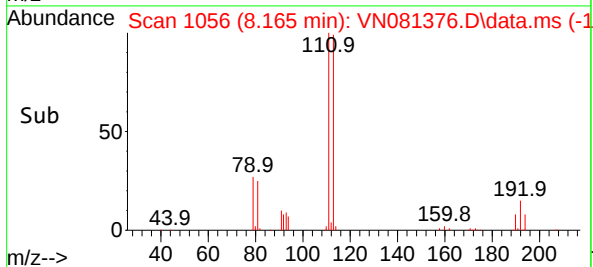
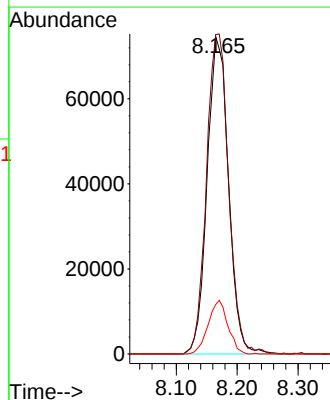
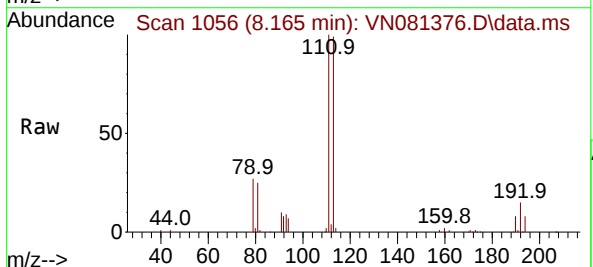
Instrument :
MSVOA_N
ClientSampleId :
1341

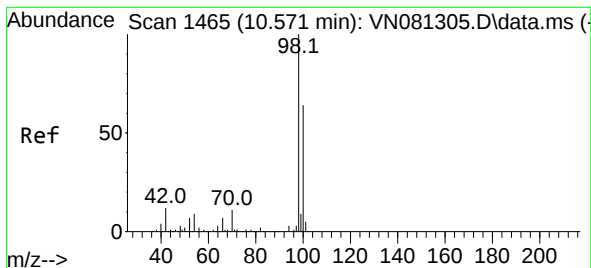
Tgt Ion:114 Resp: 581652
Ion Ratio Lower Upper
114 100
63 20.5 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.011 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion:113 Resp: 181783
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 15.6 12.5 18.7





#50

Toluene-d8

Concen: 51.580 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

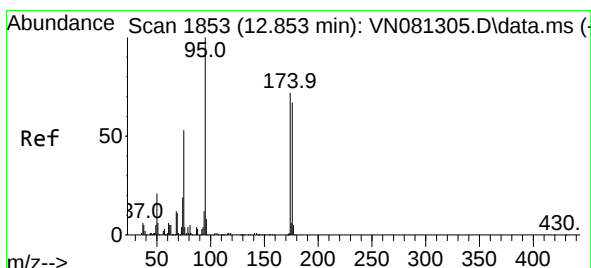
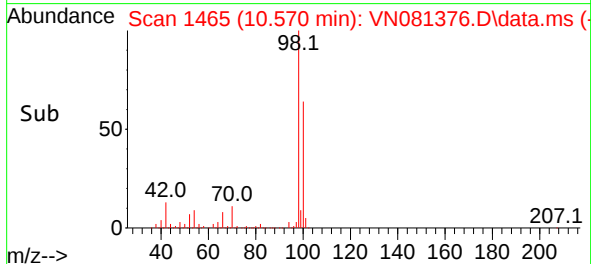
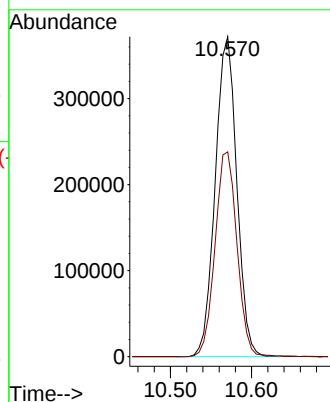
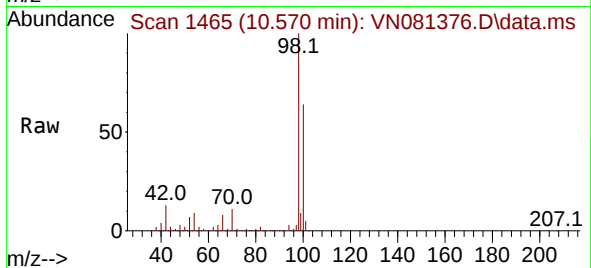
1341

Tgt Ion: 98 Resp: 687122

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.235 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081376.D

Acq: 12 Mar 2024 16:38

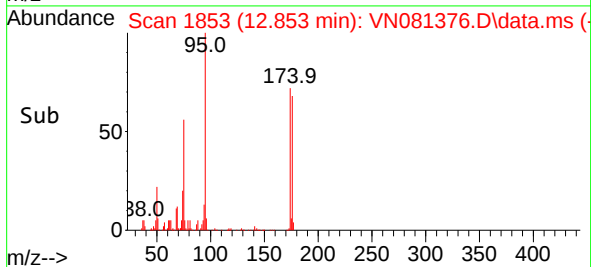
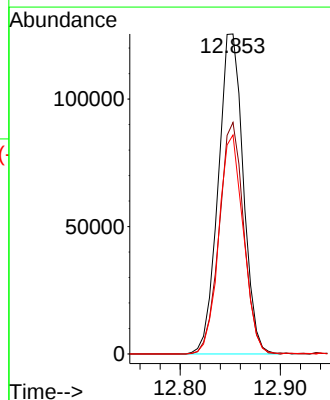
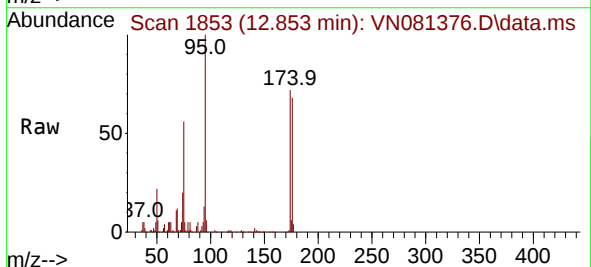
Tgt Ion: 95 Resp: 217690

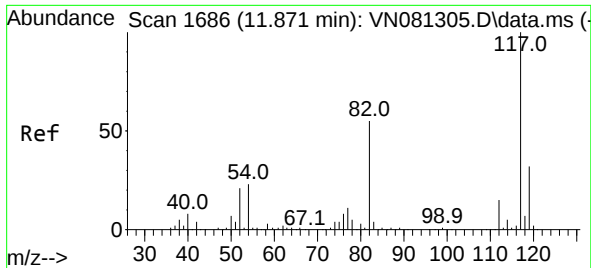
Ion Ratio Lower Upper

95 100

174 70.8 0.0 120.4

176 67.2 0.0 121.0

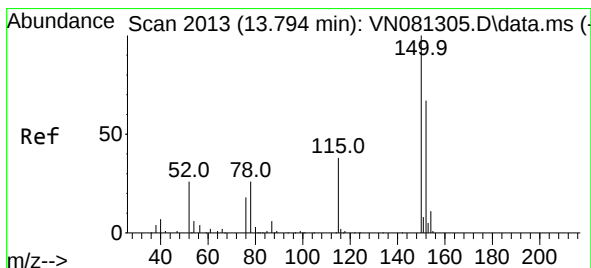
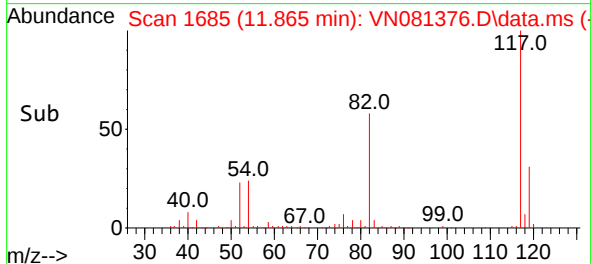
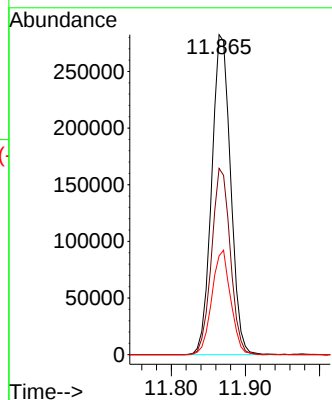
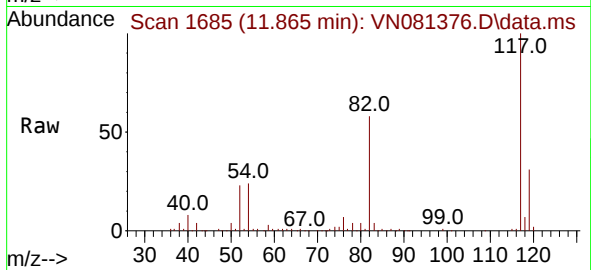




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11341
Delta R.T. -0.006 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Instrument :
MSVOA_N
ClientSampleId :
1341

Tgt Ion:117 Resp: 500688
Ion Ratio Lower Upper
117 100
82 58.2 52.7 79.1
119 30.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081376.D
Acq: 12 Mar 2024 16:38

Tgt Ion:152 Resp: 199105
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 159.5 0.0 339.8

