

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085796.D
 Acq On : 20 Feb 2025 11:44
 Operator : JC\MD
 Sample : VN0220WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBL01

Quant Time: Feb 21 00:57:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	259013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	473649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	428474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	201542	60.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.040%
35) Dibromofluoromethane	8.159	113	174562	56.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.640%
50) Toluene-d8	10.559	98	585576	51.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.847	95	176350	47.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.940%

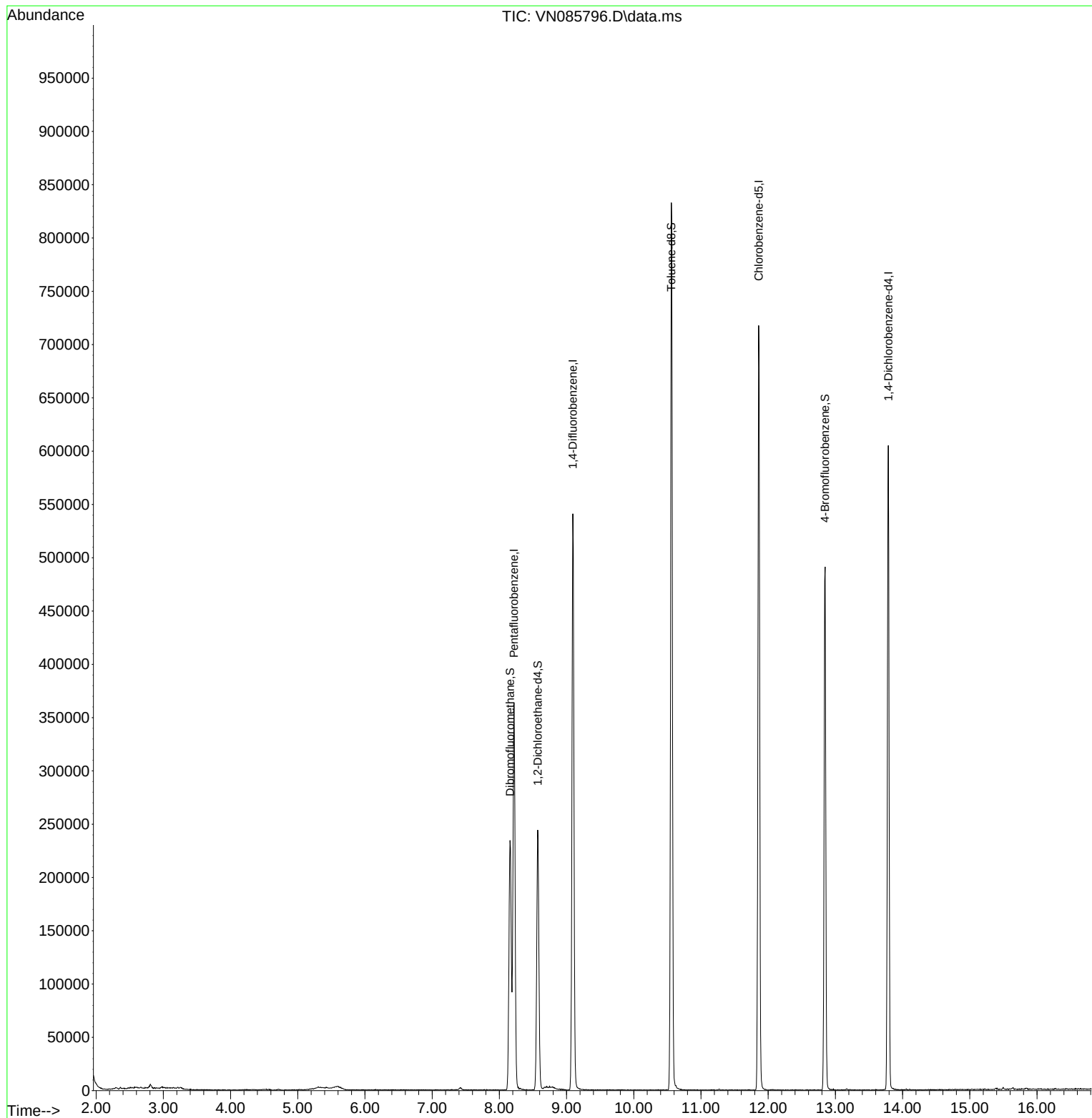
Target Compounds	Qvalue

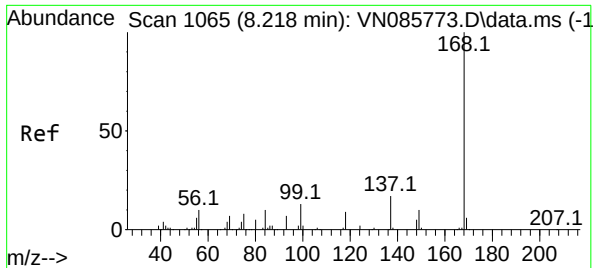
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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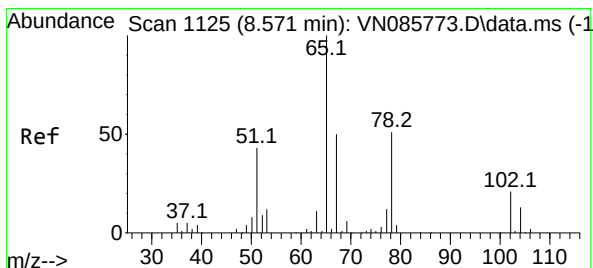
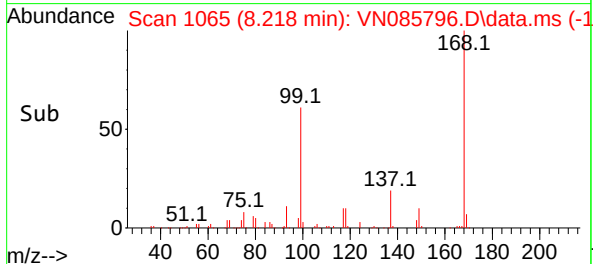
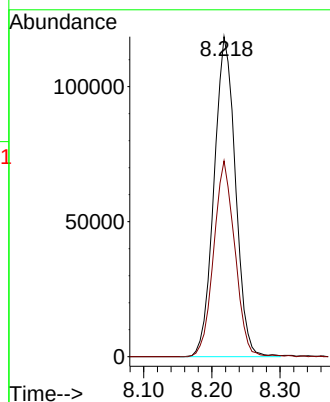
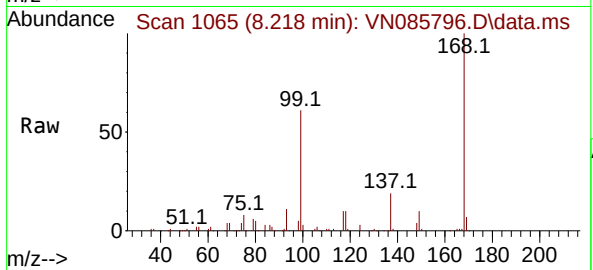




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

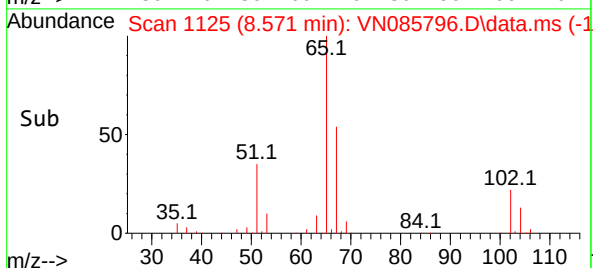
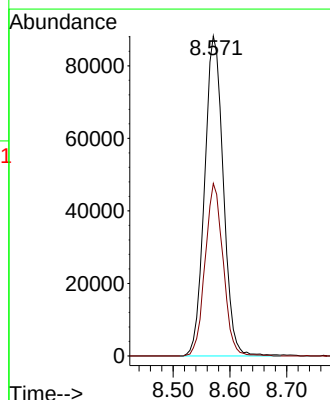
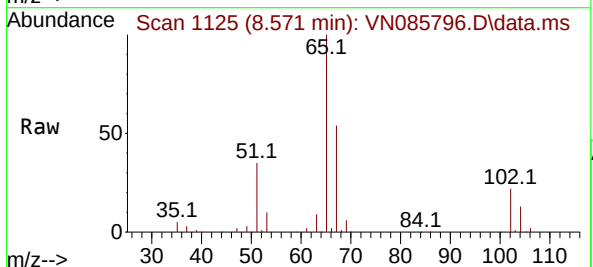
Instrument :
MSVOA_N
ClientSampleId :
VN0220WBL01

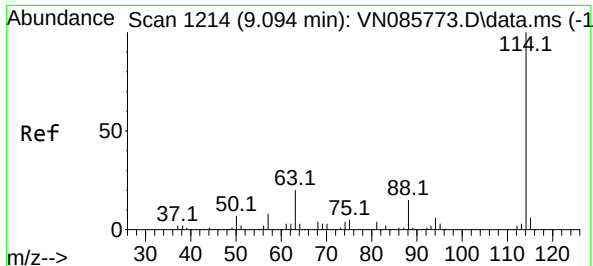
Tgt Ion:168 Resp: 259013
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.018 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

Tgt Ion: 65 Resp: 201542
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085796.D

Acq: 20 Feb 2025 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0220WBL01

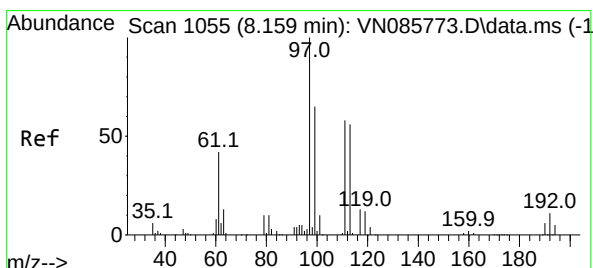
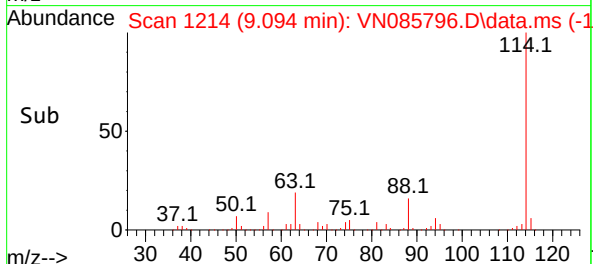
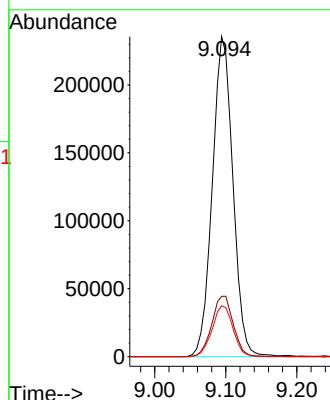
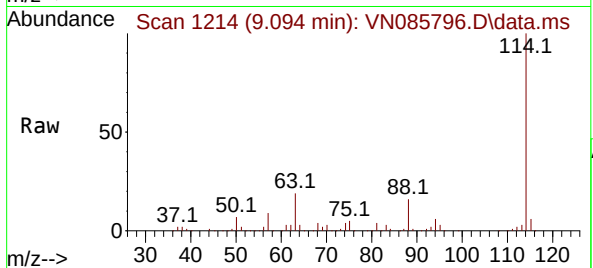
Tgt Ion:114 Resp: 473649

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

88 15.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.322 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085796.D

Acq: 20 Feb 2025 11:44

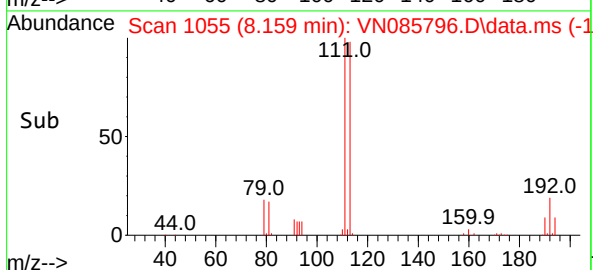
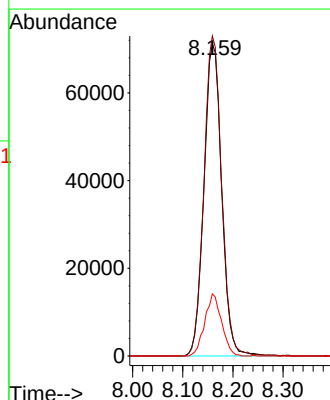
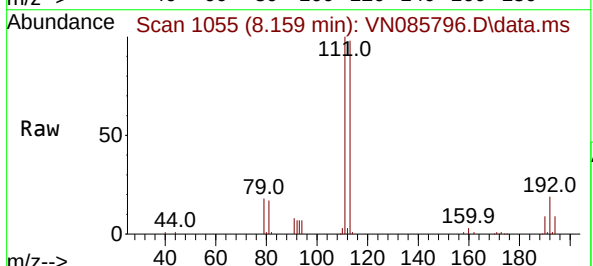
Tgt Ion:113 Resp: 174562

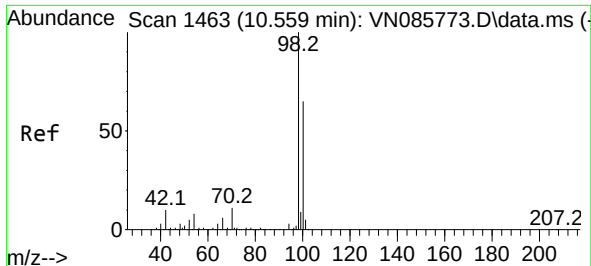
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.9 14.7 22.1

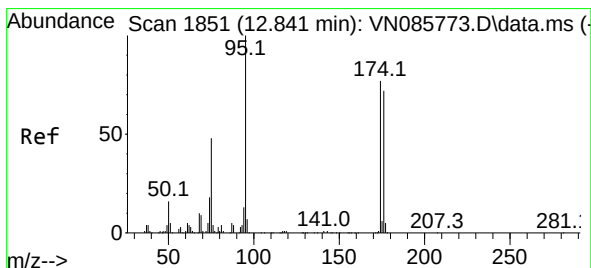
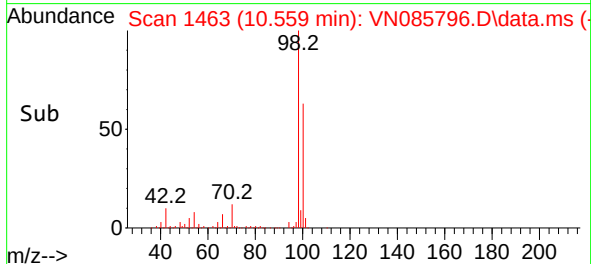
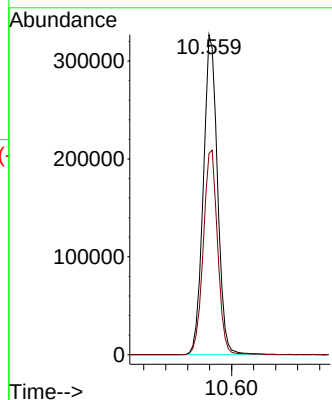
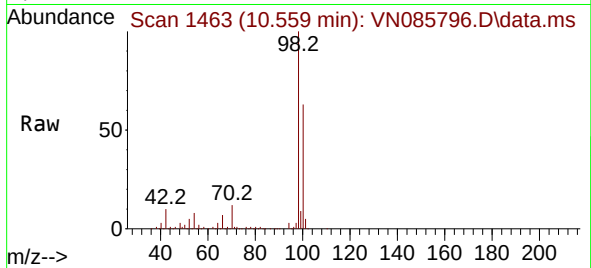




#50
Toluene-d8
Concen: 51.930 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

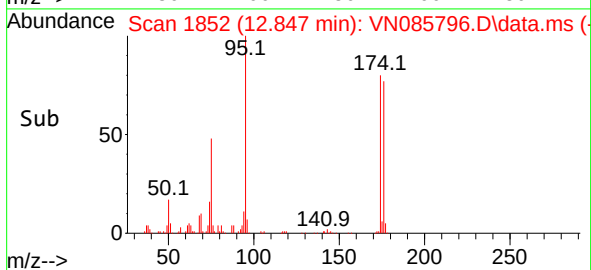
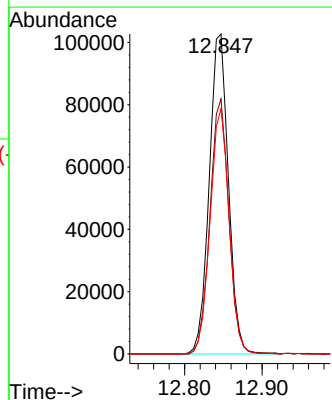
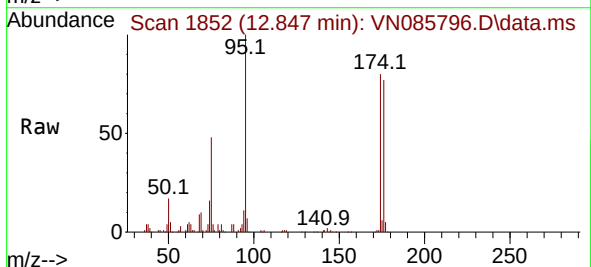
Instrument :
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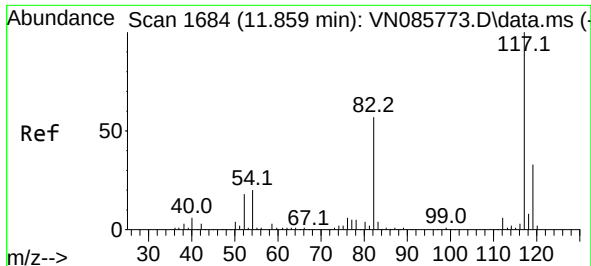
Tgt Ion: 98 Resp: 585576
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

Tgt Ion: 95 Resp: 176350
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.4
176 75.7 0.0 146.6

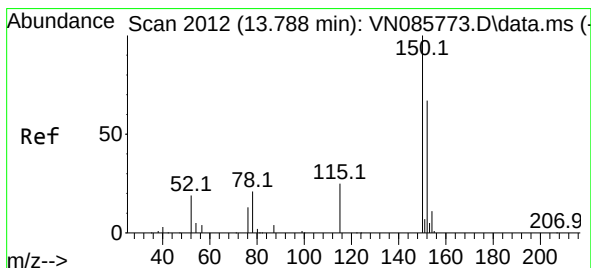
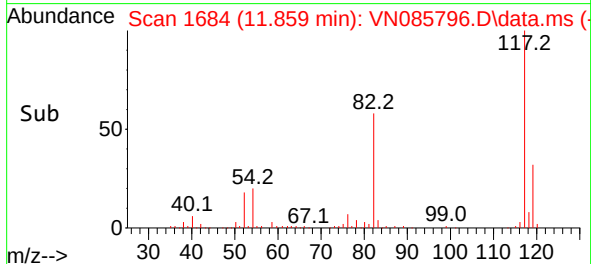
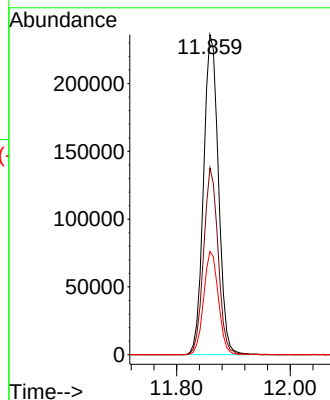
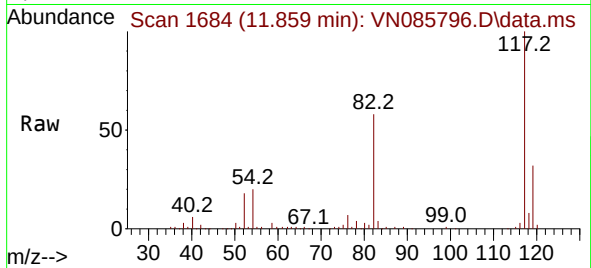




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBL01

Tgt Ion:117 Resp: 428474
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085796.D
Acq: 20 Feb 2025 11:44

Tgt Ion:152 Resp: 172706
Ion Ratio Lower Upper
152 100
115 59.4 30.4 91.3
150 157.1 0.0 345.4

