

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085795.D
 Acq On : 20 Feb 2025 11:21
 Operator : JC\MD
 Sample : VN0220MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220MBL01

Quant Time: Feb 21 00:56:44 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	218639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	394573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	354666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	172017	60.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.380%
35) Dibromofluoromethane	8.159	113	148435	57.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.980%
50) Toluene-d8	10.565	98	486267	51.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.847	95	144225	46.599	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.200%

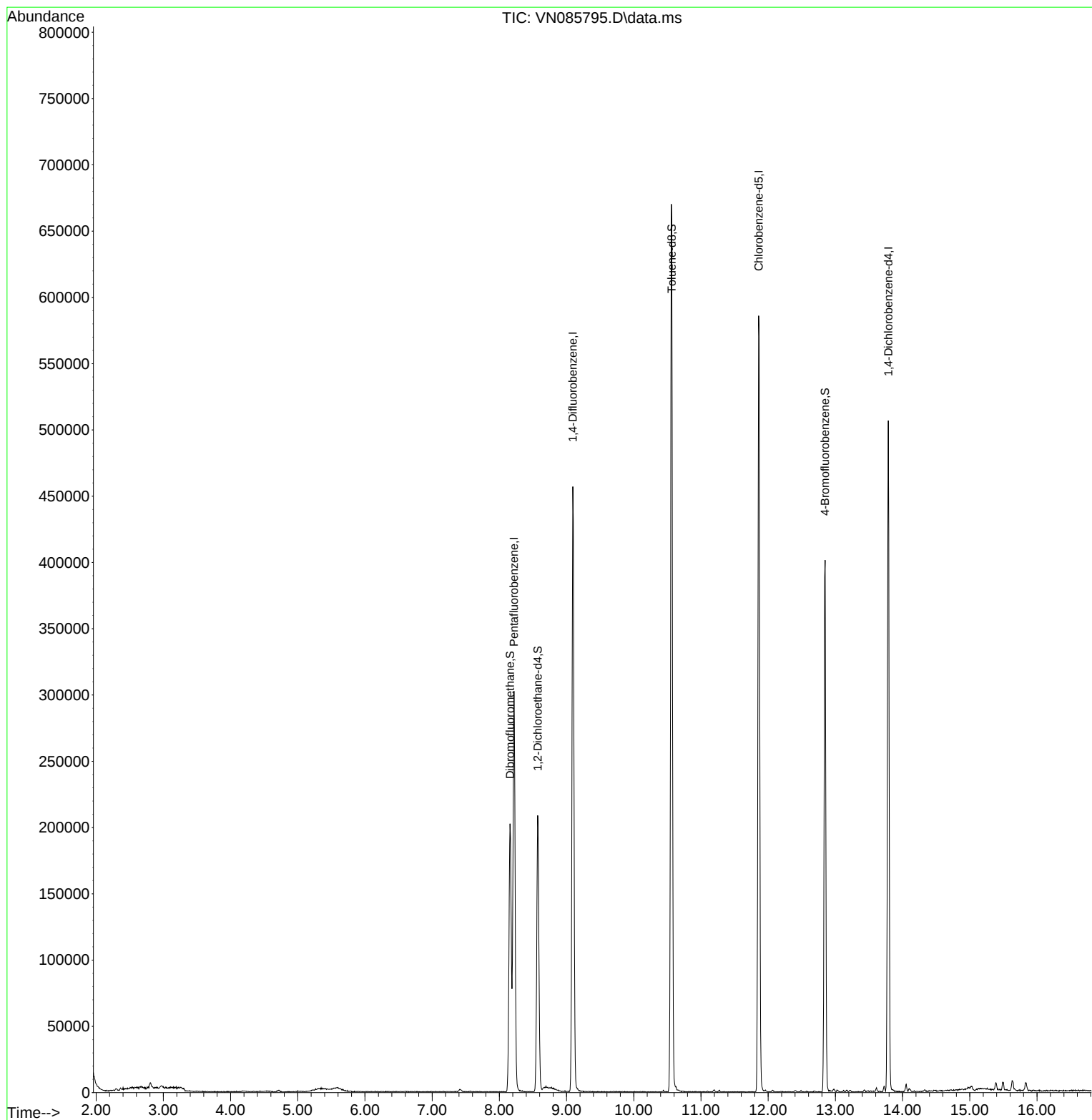
Target Compounds	Qvalue

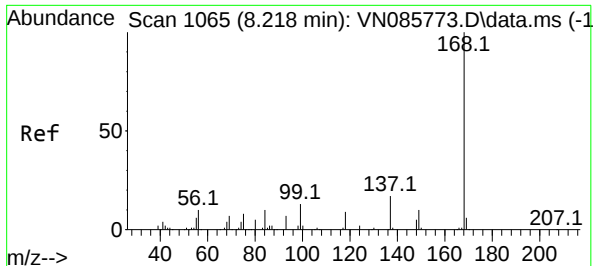
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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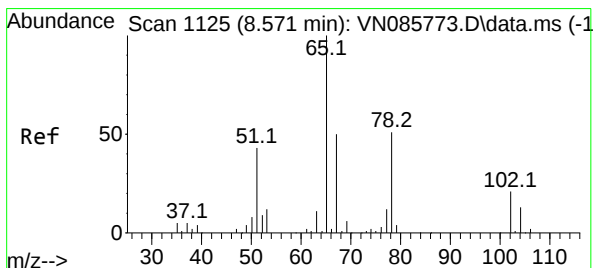
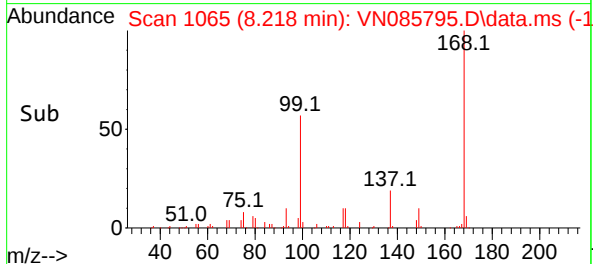
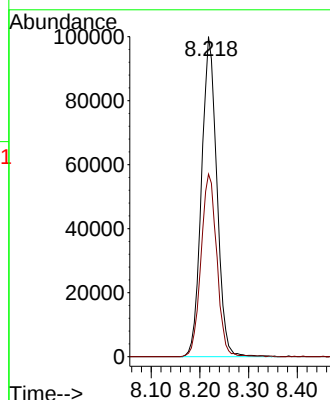
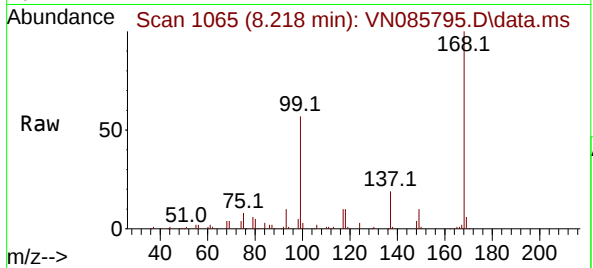




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

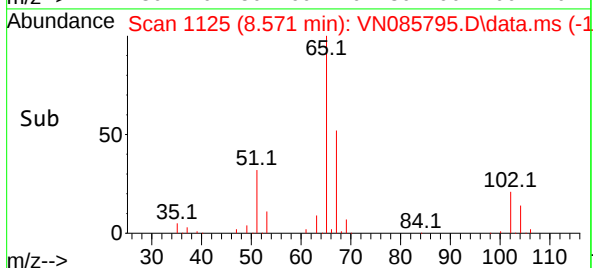
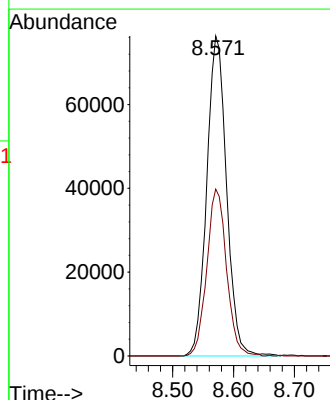
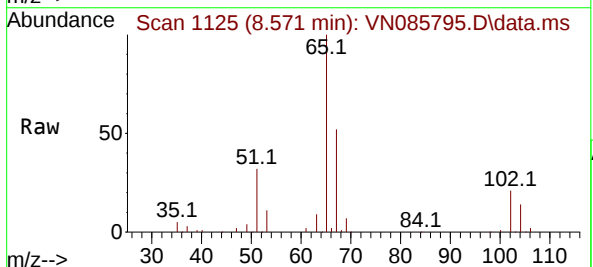
Instrument :
MSVOA_N
ClientSampleId :
VN0220MBL01

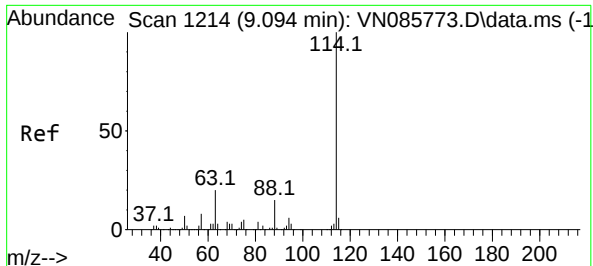
Tgt Ion:168 Resp: 218639
Ion Ratio Lower Upper
168 100
99 57.0 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.685 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

Tgt Ion: 65 Resp: 172017
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2

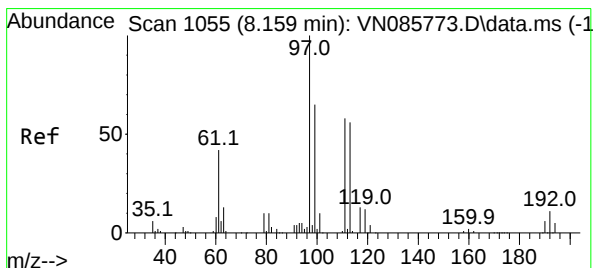
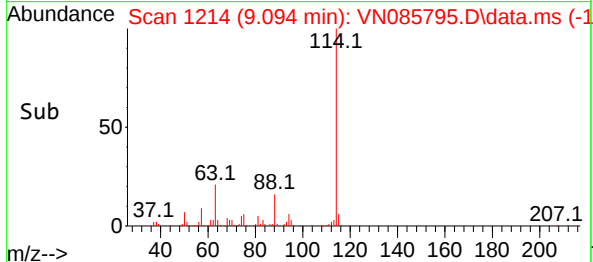
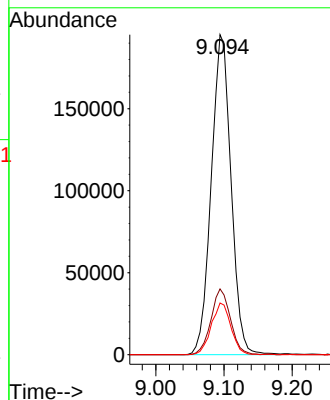
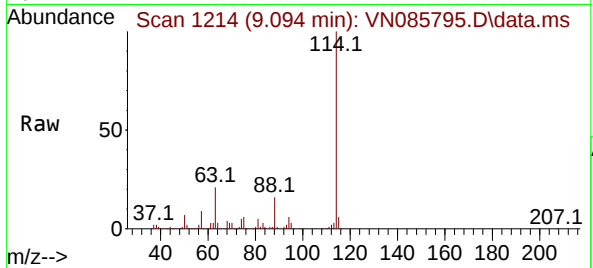




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

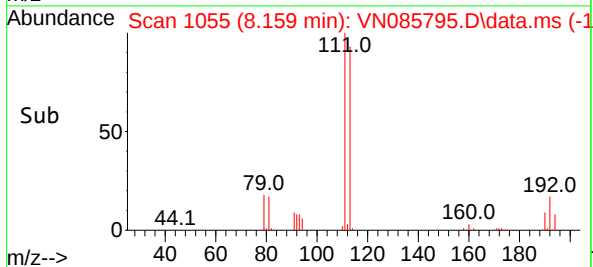
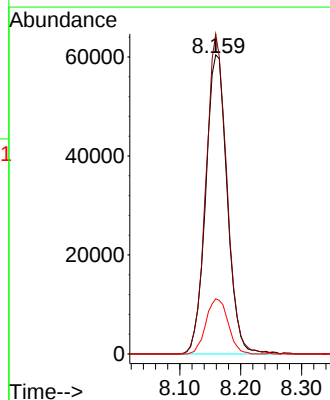
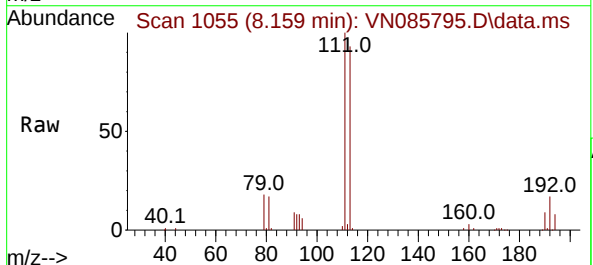
Instrument :
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VN0220MBL01

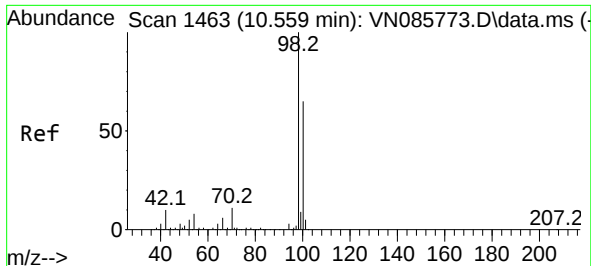
Tgt Ion:114 Resp: 394573
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 16.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 57.491 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

Tgt Ion:113 Resp: 148435
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.9 14.7 22.1

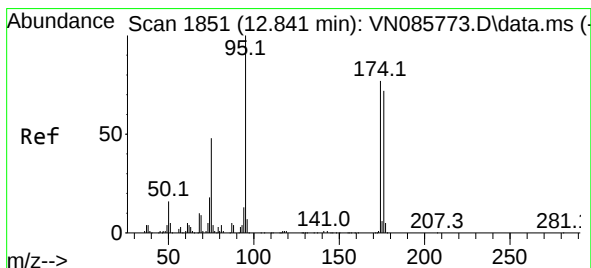
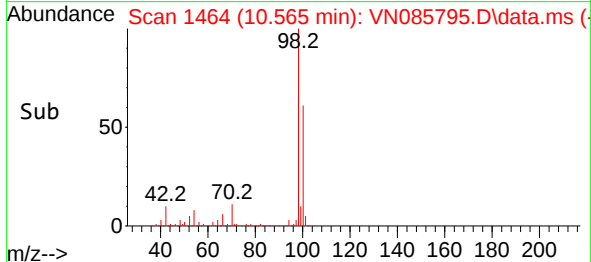
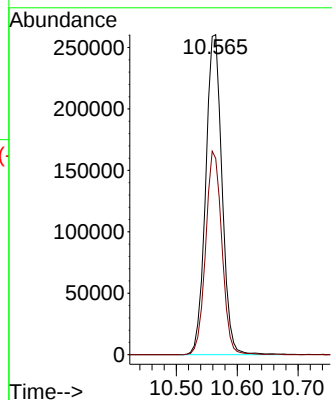
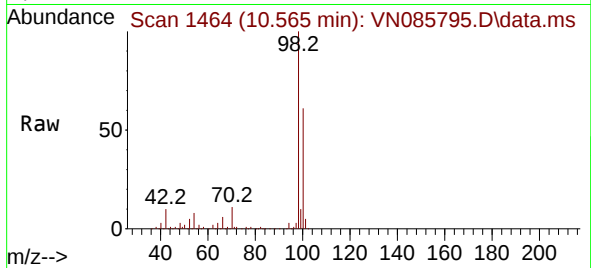




#50
Toluene-d8
Concen: 51.765 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

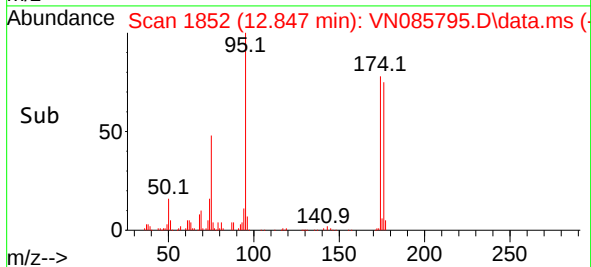
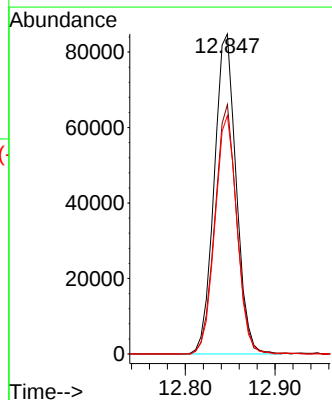
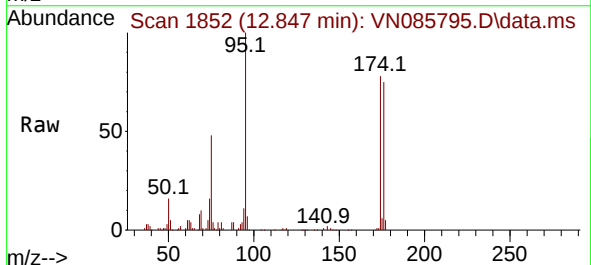
Instrument :
MSVOA_N
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VN0220MBL01

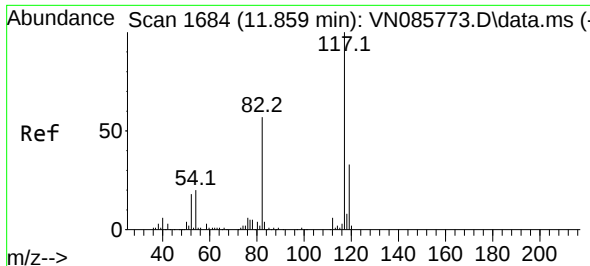
Tgt Ion: 98 Resp: 486267
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

Tgt Ion: 95 Resp: 144225
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 74.4 0.0 146.6

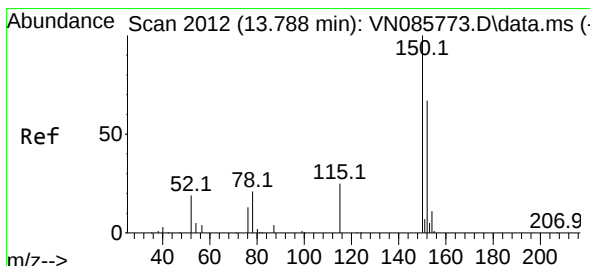
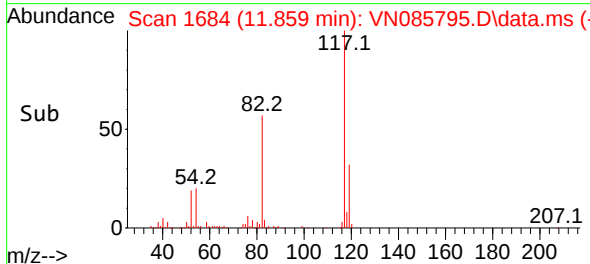
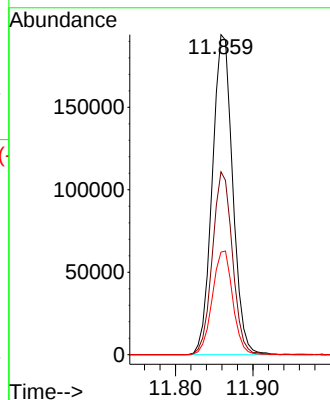
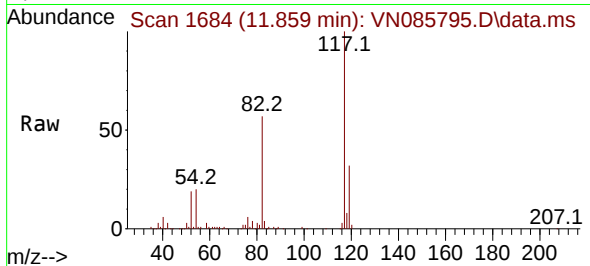




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085795.D
Acq: 20 Feb 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0220MBL01

Tgt Ion:117 Resp: 354666
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.0 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: VN085795.D
Acq: 20 Feb 2025 11:21

Tgt Ion:152 Resp: 140463
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 159.3 0.0 345.4

