

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085595.D
 Acq On : 31 Jan 2025 12:03
 Operator : JC\MD
 Sample : Q1211-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3RE

Quant Time: Jan 31 22:26:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151665	56.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.440%
35) Dibromofluoromethane	8.165	113	113642	52.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.520%
50) Toluene-d8	10.565	98	376541	49.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.847	95	119830	45.778	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.560%

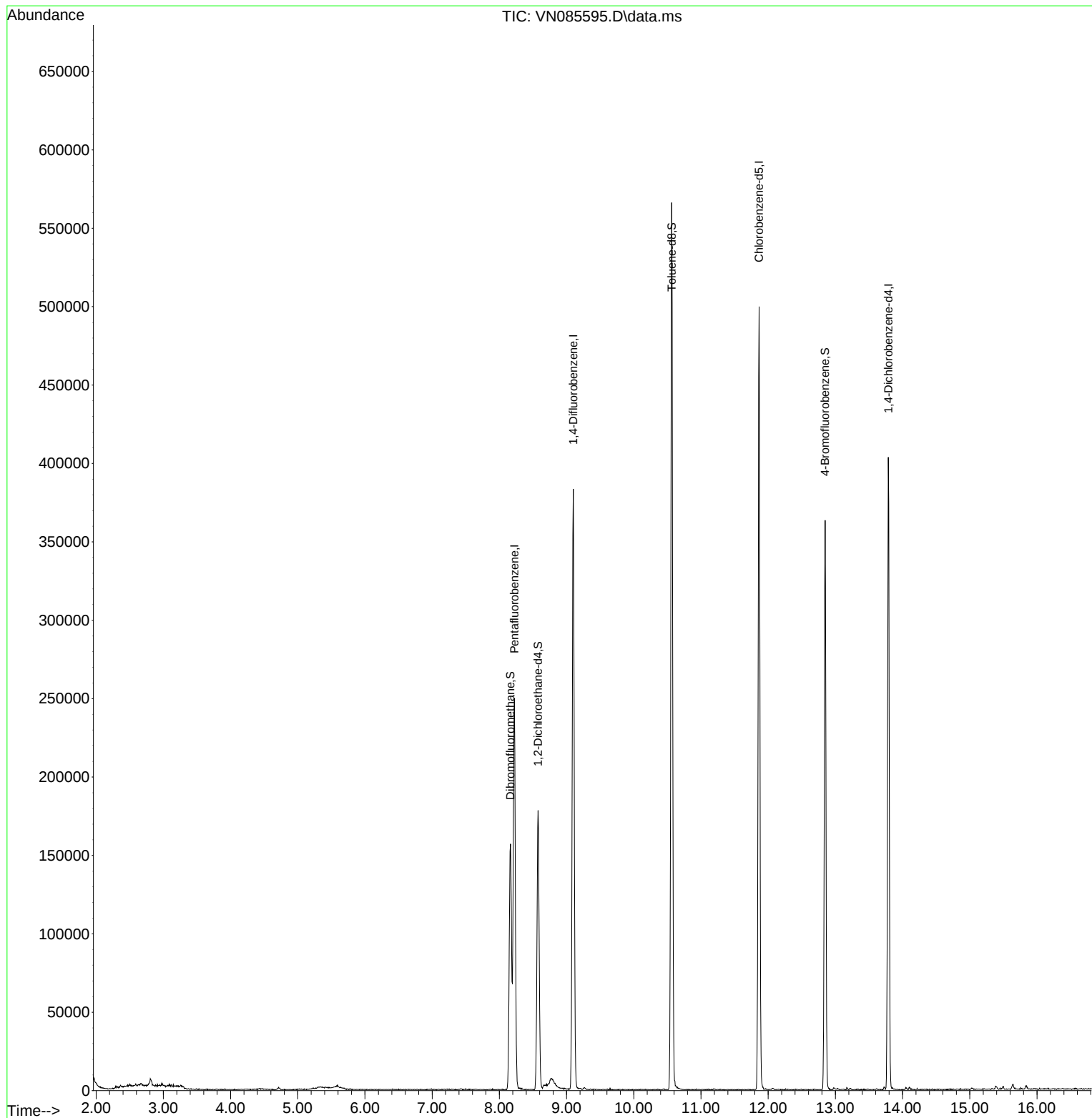
Target Compounds	Qvalue

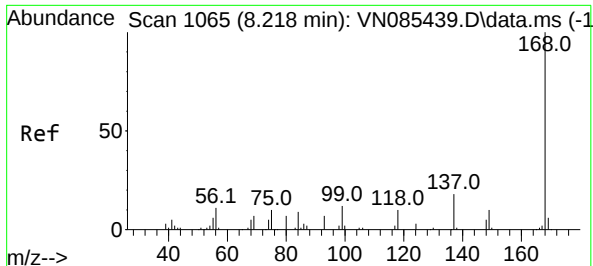
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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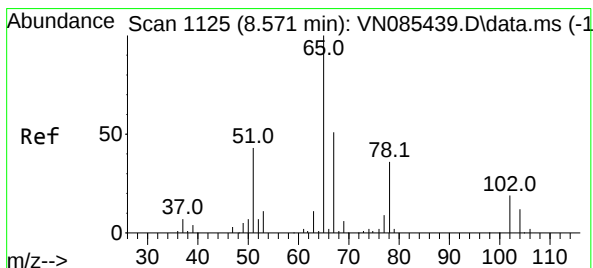
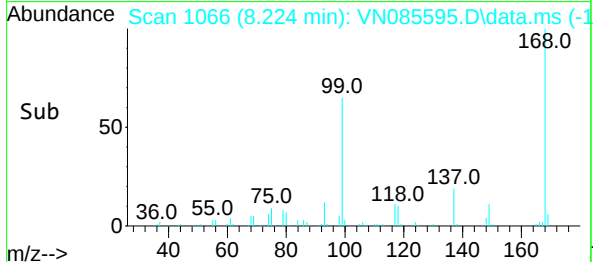
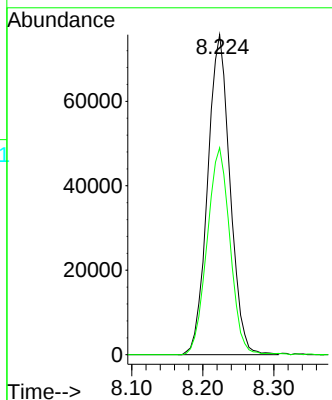
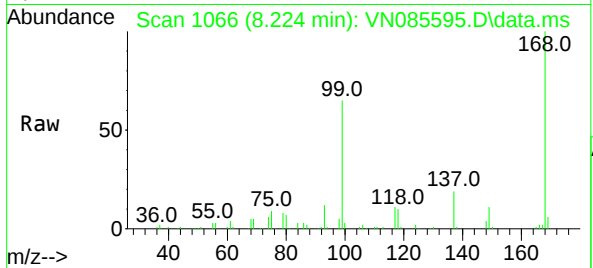




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

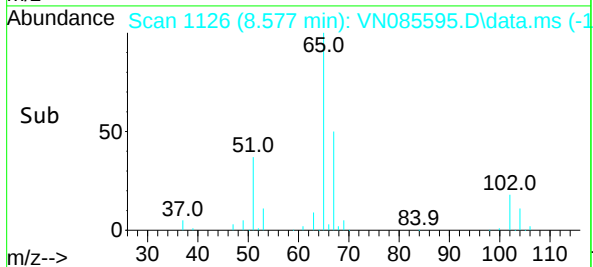
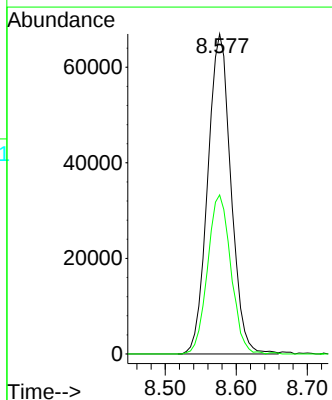
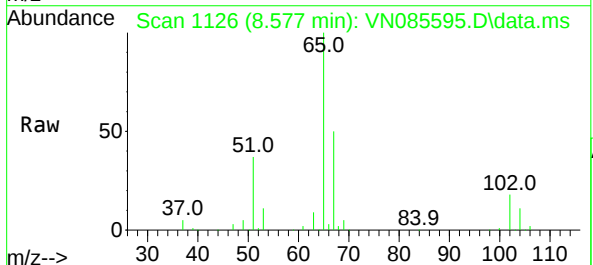
Instrument :
MSVOA_N
ClientSampleId :
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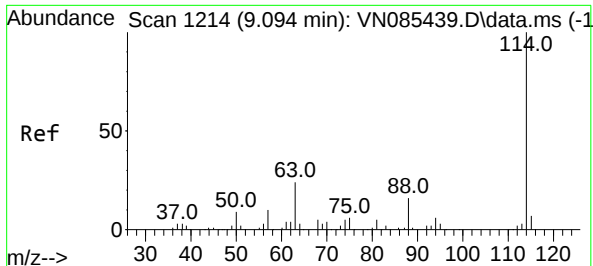
Tgt Ion:168 Resp: 165654
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 56.718 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

Tgt Ion: 65 Resp: 151665
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6

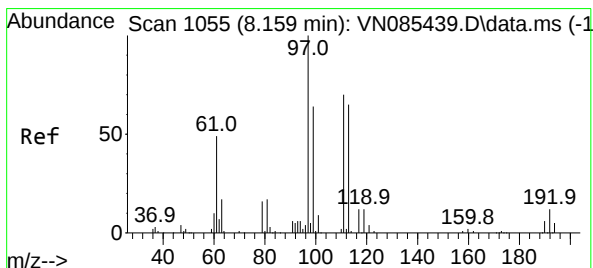
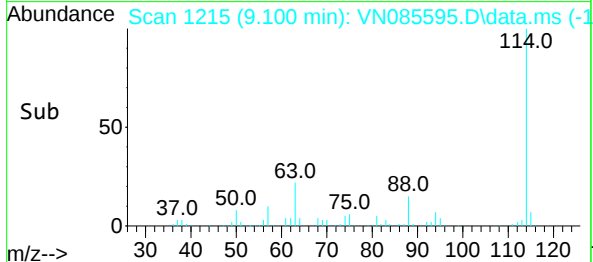
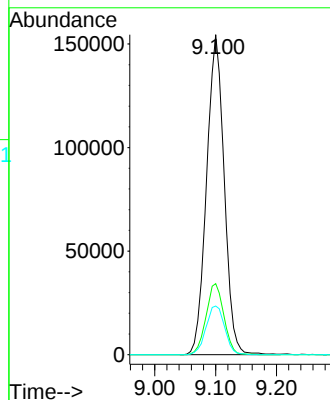
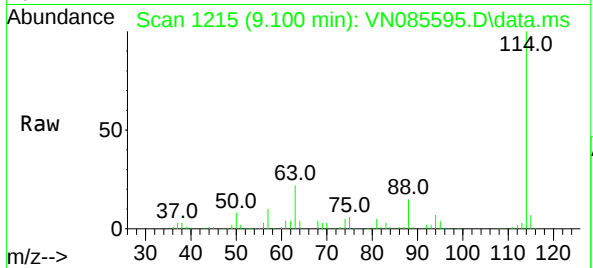




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

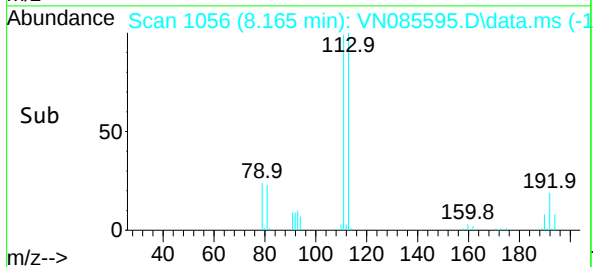
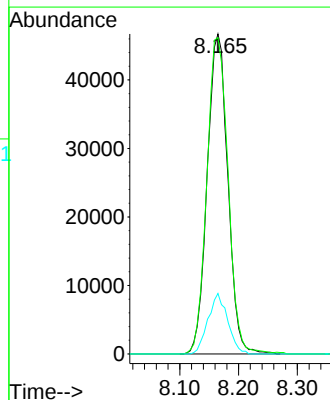
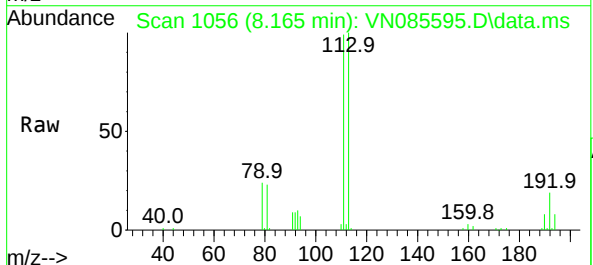
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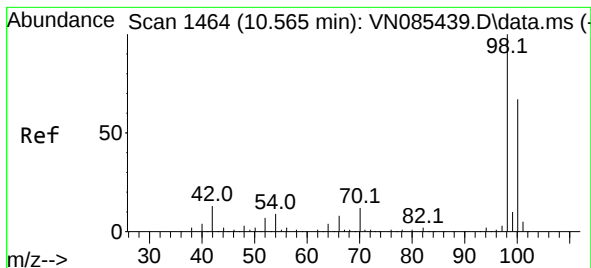
Tgt Ion:114 Resp: 310451
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.764 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

Tgt Ion:113 Resp: 113642
Ion Ratio Lower Upper
113 100
111 101.9 82.7 124.1
192 18.1 14.3 21.5

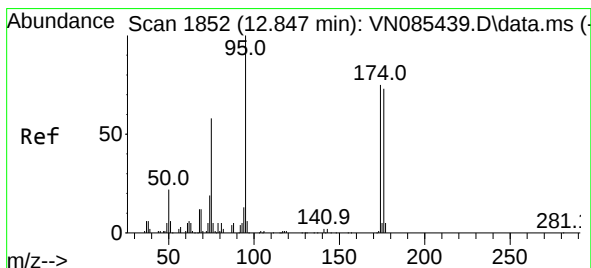
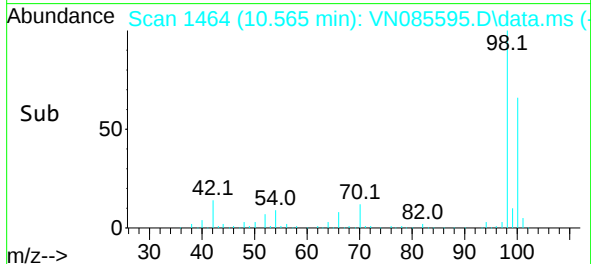
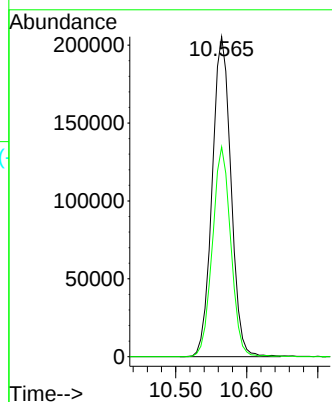
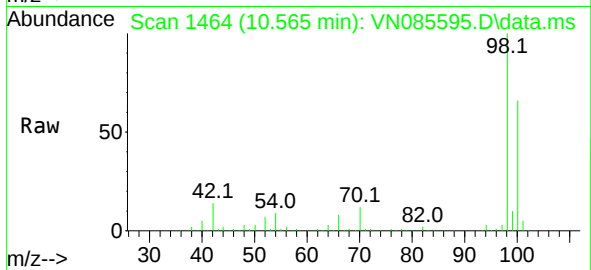




#50
Toluene-d8
Concen: 49.206 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

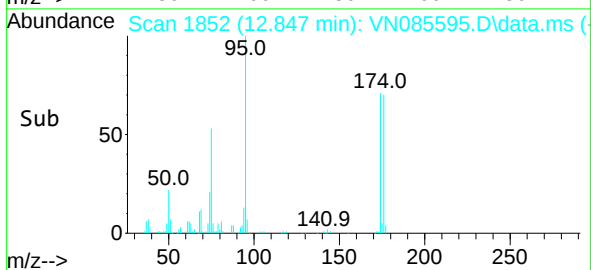
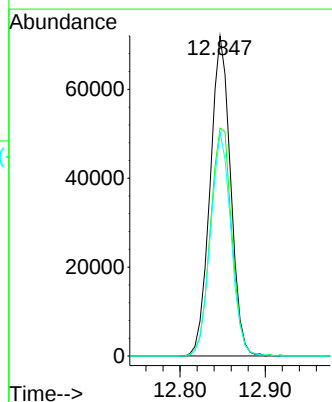
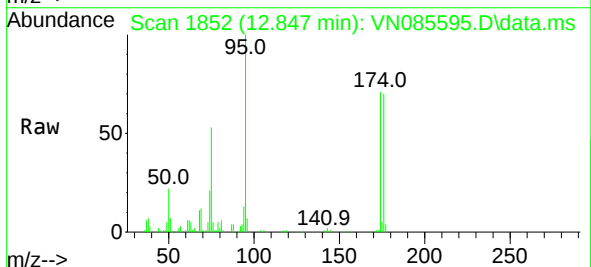
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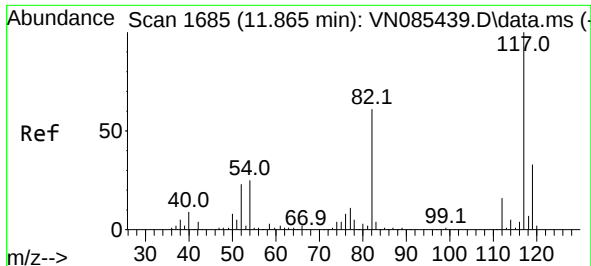
Tgt Ion: 98 Resp: 376541
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

Tgt Ion: 95 Resp: 119830
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.0
176 70.3 0.0 142.4

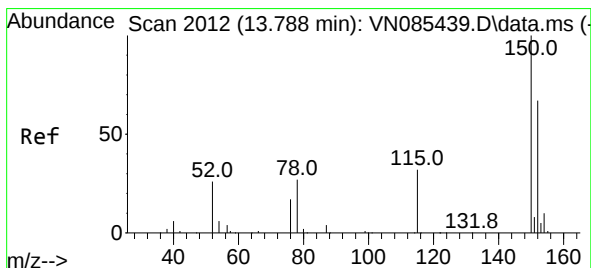
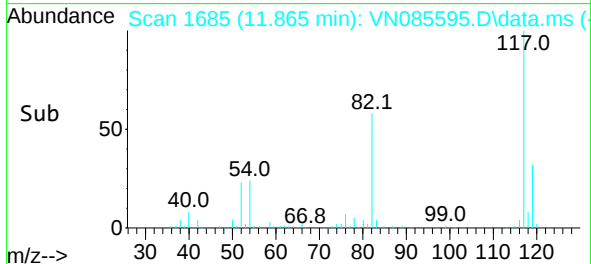
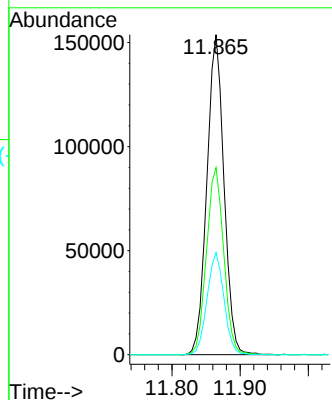
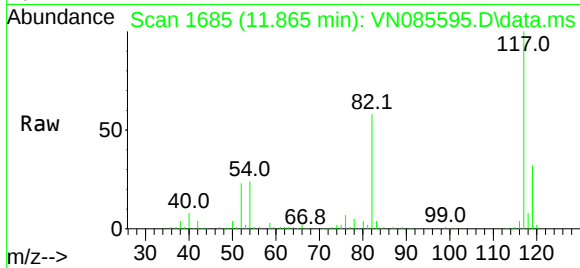




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

Instrument :
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Tgt Ion:117 Resp: 268445
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085595.D
Acq: 31 Jan 2025 12:03

Tgt Ion:152 Resp: 102272
Ion Ratio Lower Upper
152 100
115 62.8 31.1 93.3
150 160.3 0.0 343.6

