

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087694.D
 Acq On : 29 Aug 2025 12:42
 Operator : JC\MD
 Sample : VN0829MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBL01

Quant Time: Aug 29 22:52:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	149197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	346944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	324171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	144779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	169537	55.461	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.920%
35) Dibromofluoromethane	8.153	113	127588	50.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	10.547	98	461268	49.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.829	95	149763	44.917	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%

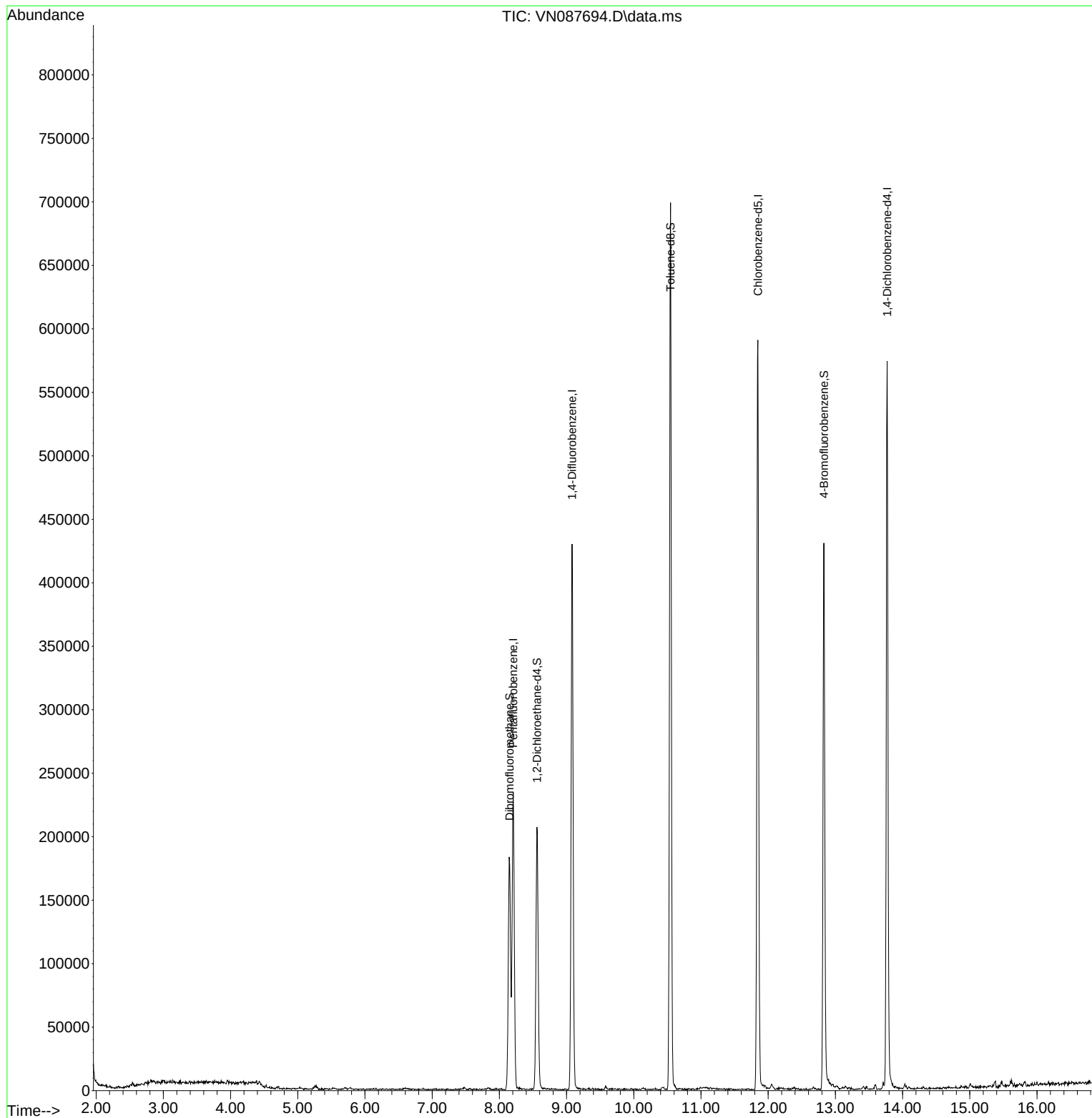
Target Compounds	Qvalue

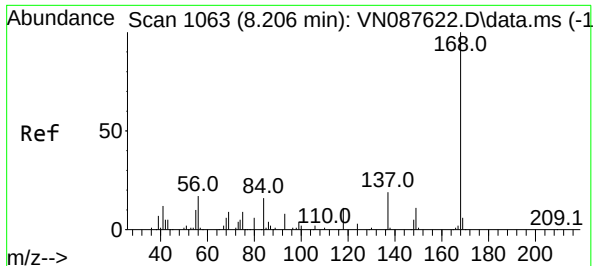
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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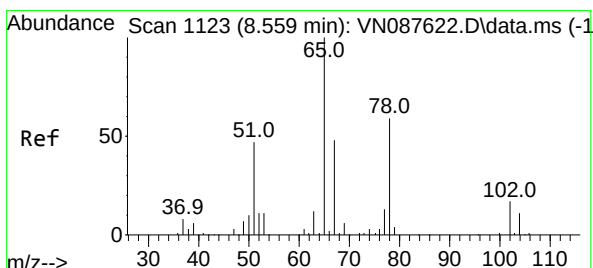
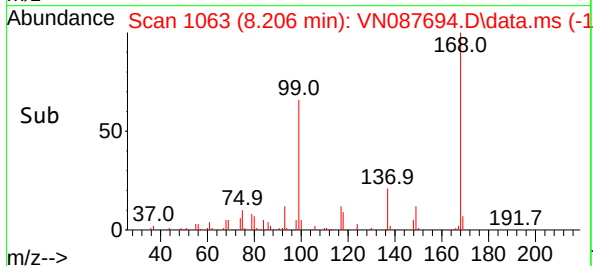
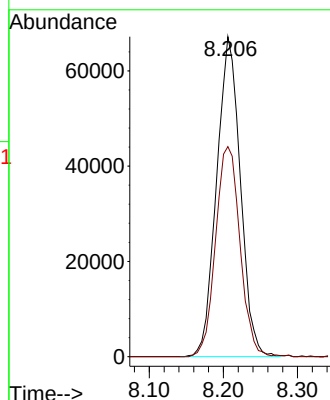
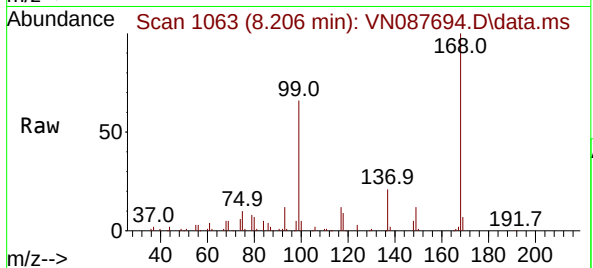




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

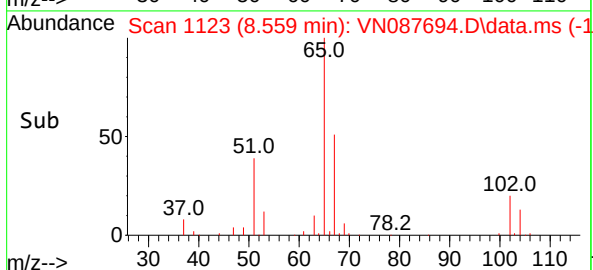
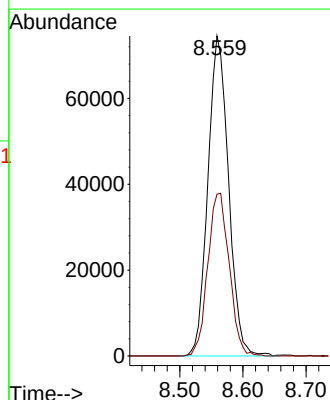
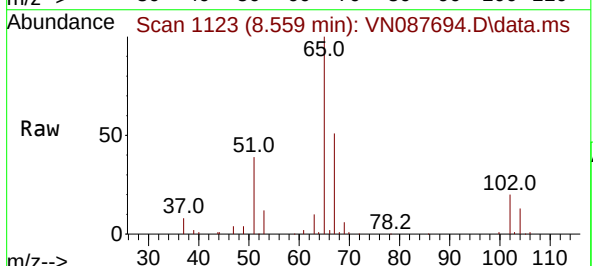
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBL01

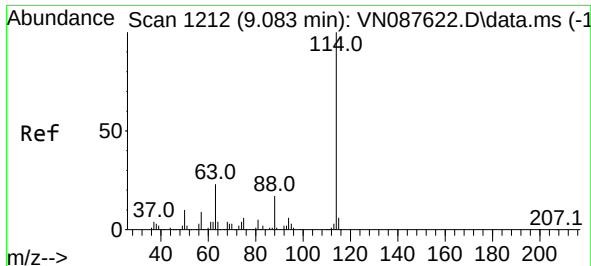
Tgt Ion:168 Resp: 149197
Ion Ratio Lower Upper
168 100
99 65.7 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 55.461 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

Tgt Ion: 65 Resp: 169537
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.0

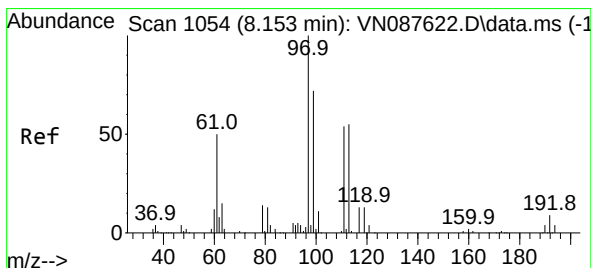
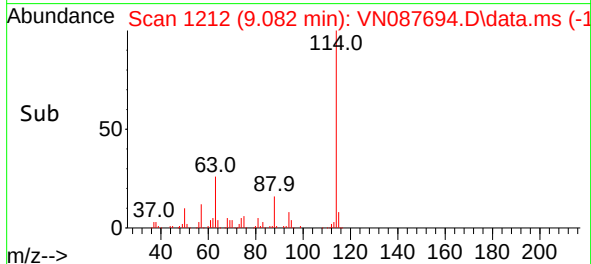
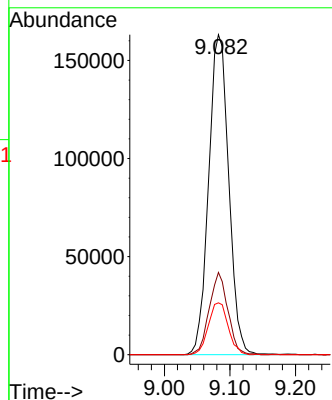
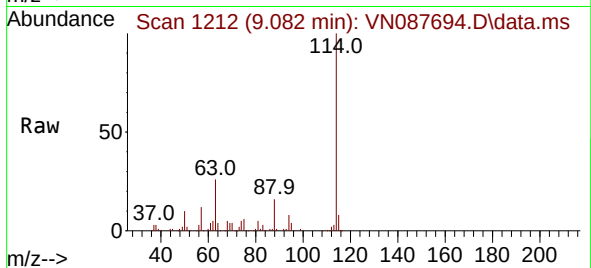




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

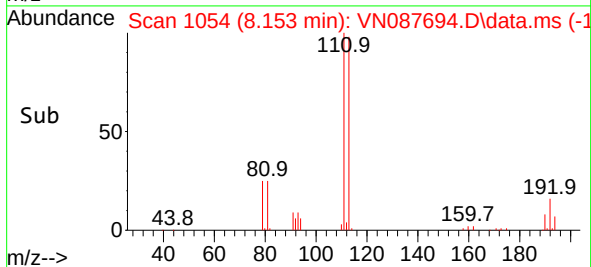
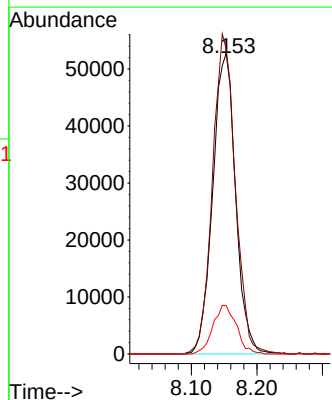
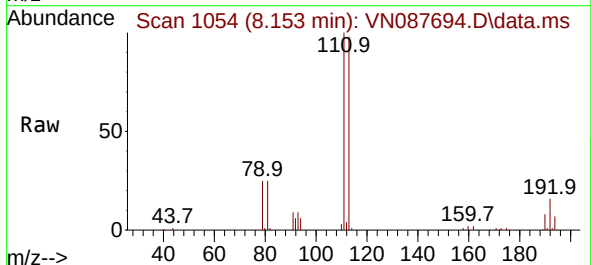
Instrument :
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ClientSampleId :
VN0829MBL01

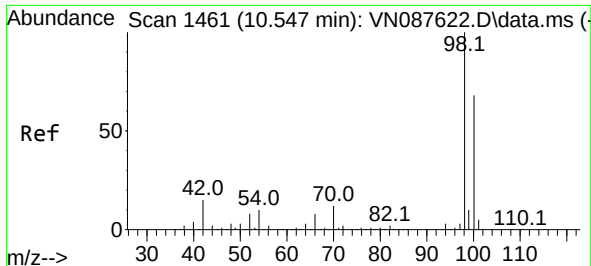
Tgt Ion:114 Resp: 346944
Ion Ratio Lower Upper
114 100
63 25.7 0.0 45.2
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.935 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

Tgt Ion:113 Resp: 127588
Ion Ratio Lower Upper
113 100
111 105.9 82.8 124.2
192 16.7 12.8 19.2

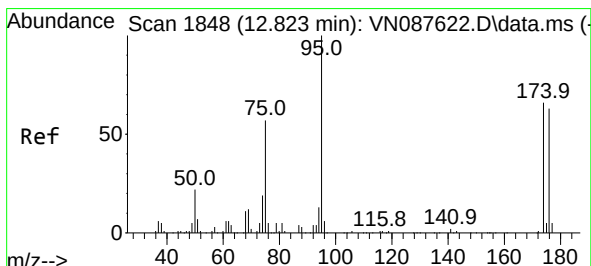
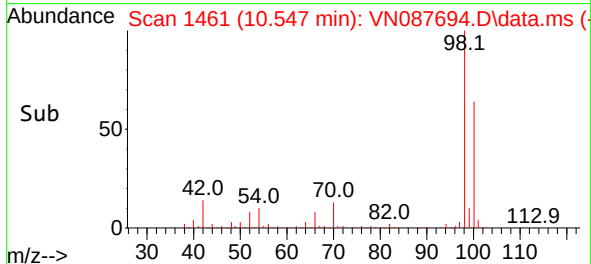
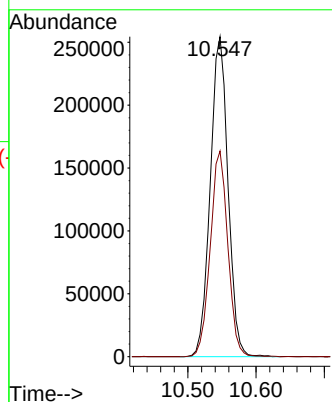
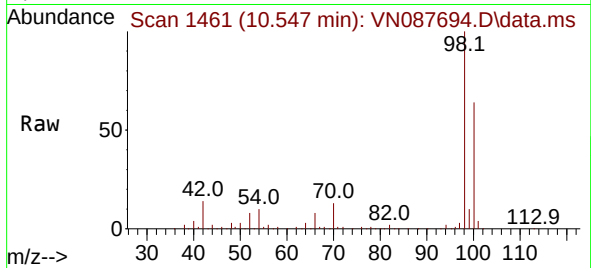




#50
Toluene-d8
Concen: 49.199 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

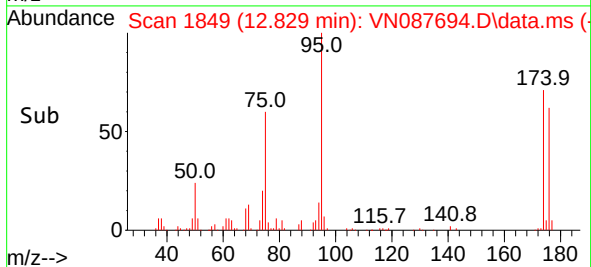
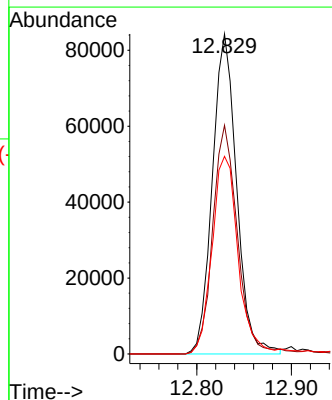
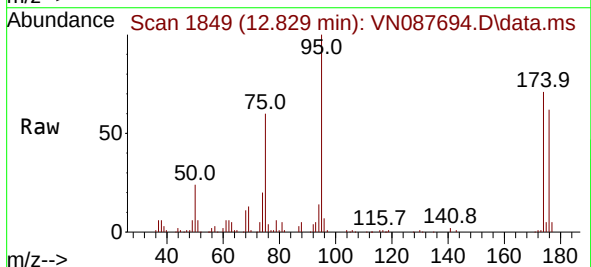
Instrument :
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VN0829MBL01

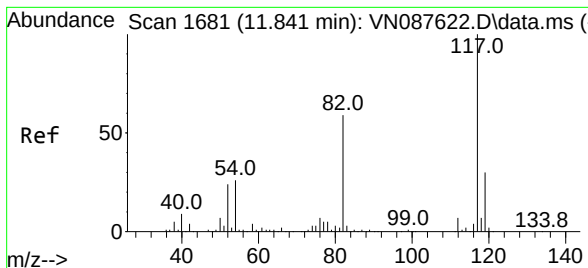
Tgt Ion: 98 Resp: 461268
Ion Ratio Lower Upper
98 100
100 63.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.917 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

Tgt Ion: 95 Resp: 149763
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 66.0 0.0 132.6

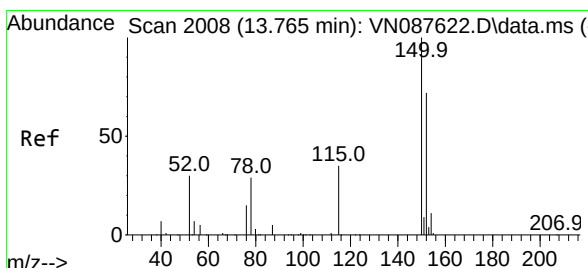
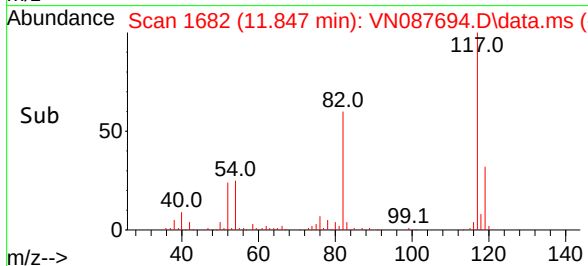
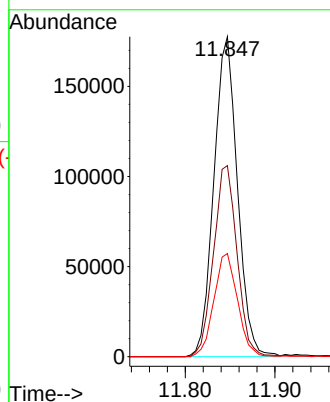
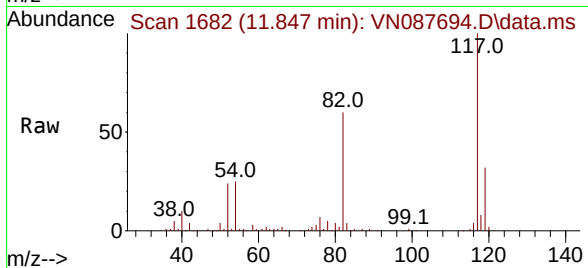




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0829MBL01

Tgt Ion:117 Resp: 324171
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.2 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087694.D
Acq: 29 Aug 2025 12:42

Tgt Ion:152 Resp: 144779
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 161.3 0.0 351.0

