

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087338.D
 Acq On : 17 Jul 2025 10:35
 Operator : JC\MD
 Sample : VN0717MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

Quant Time: Jul 18 01:20:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	139175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	273326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	227390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	87599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	124760	52.831	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.660%
35) Dibromofluoromethane	8.147	113	96129	50.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	10.547	98	339292	50.449	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.829	95	94771	38.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	76.280%#

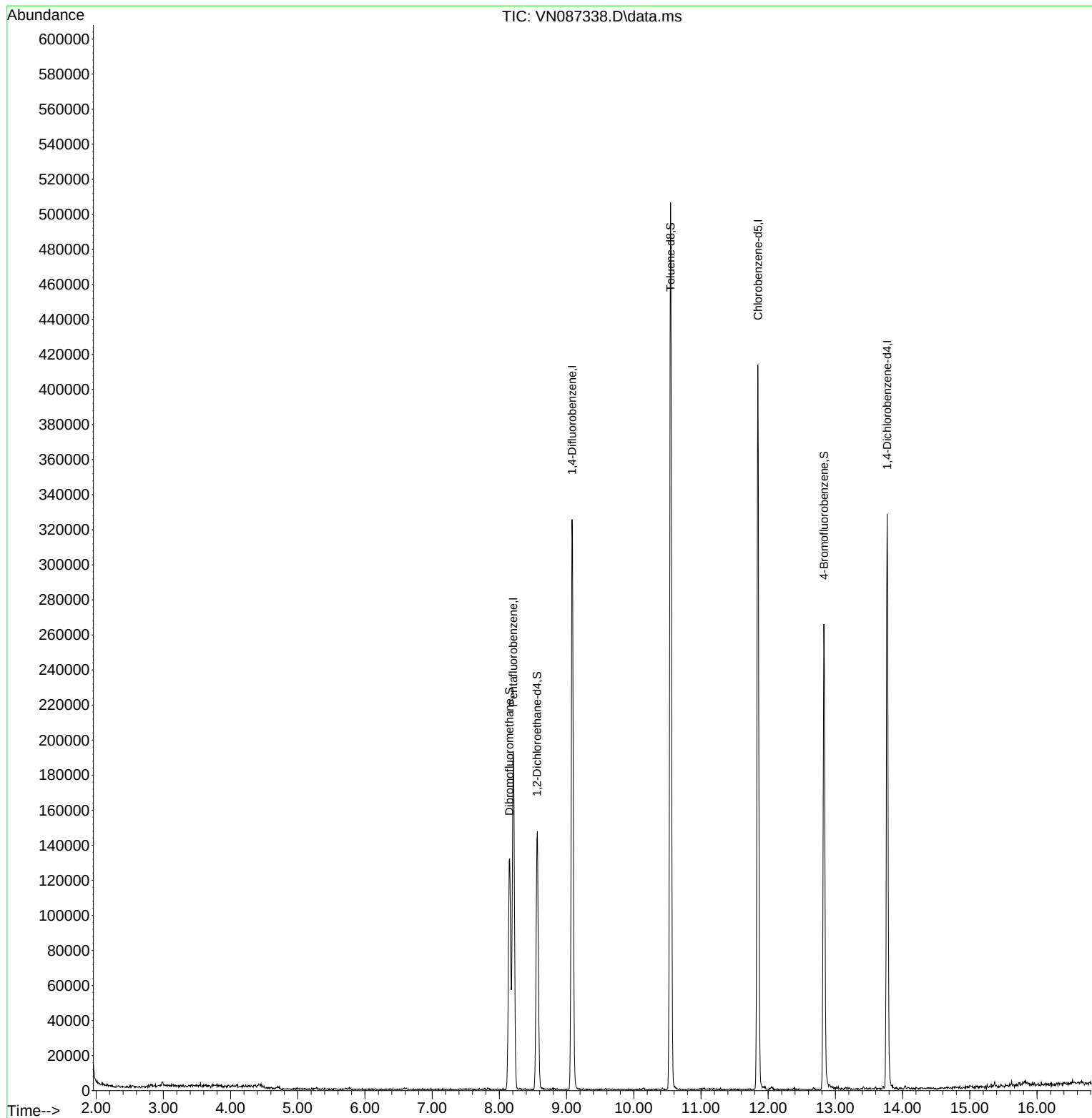
Target Compounds	Qvalue

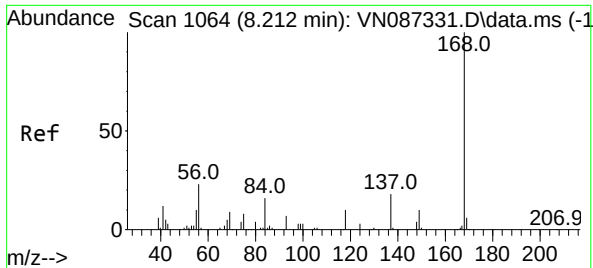
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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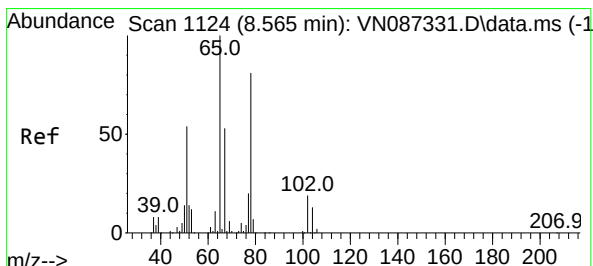
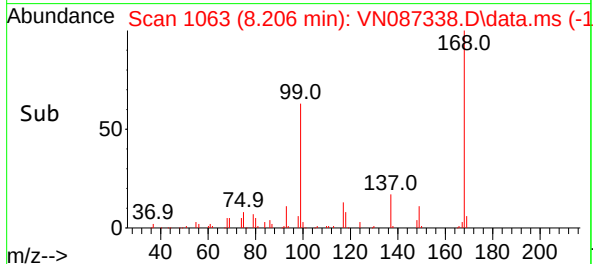
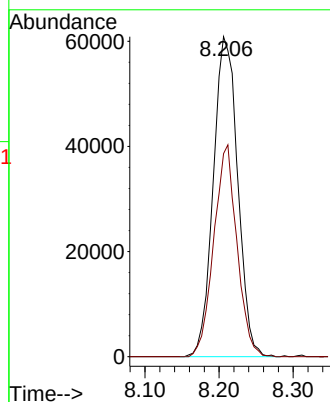
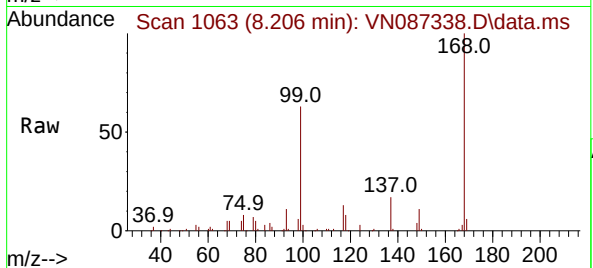




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

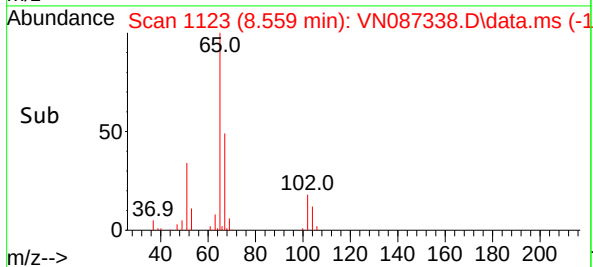
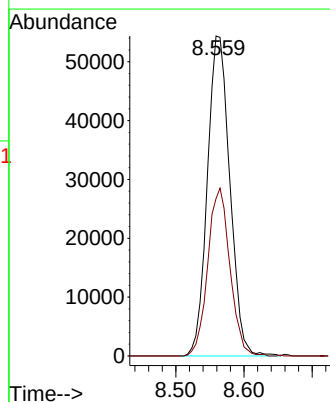
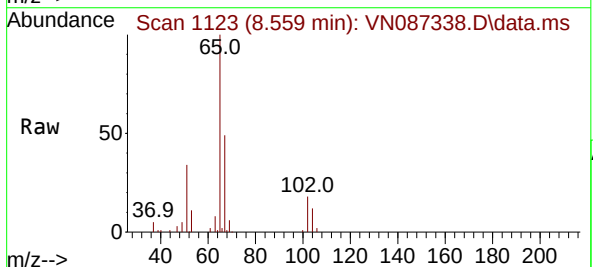
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

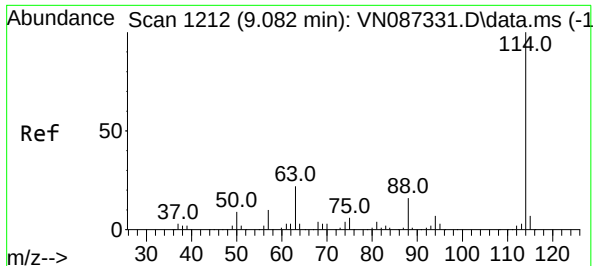
Tgt Ion:168 Resp: 139175
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 52.831 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

Tgt Ion: 65 Resp: 124760
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

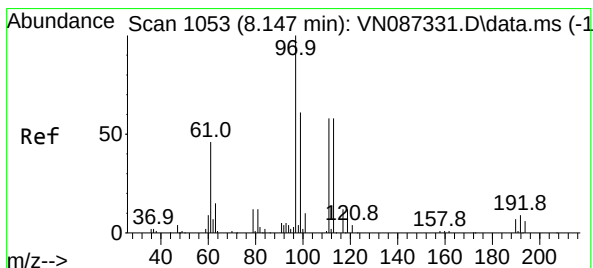
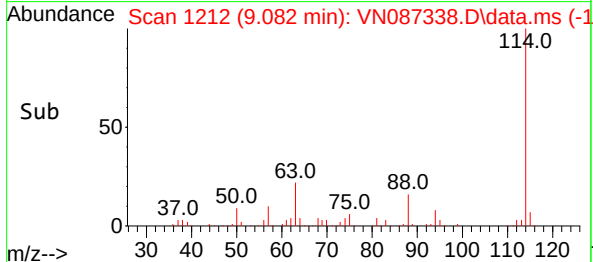
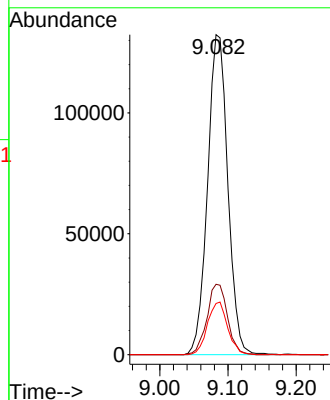
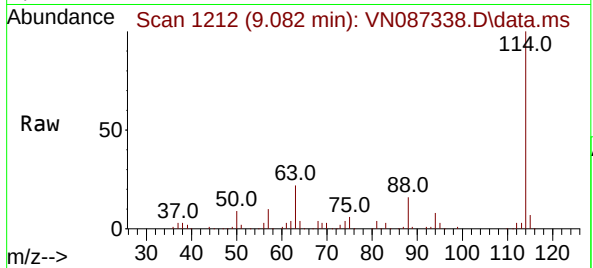




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

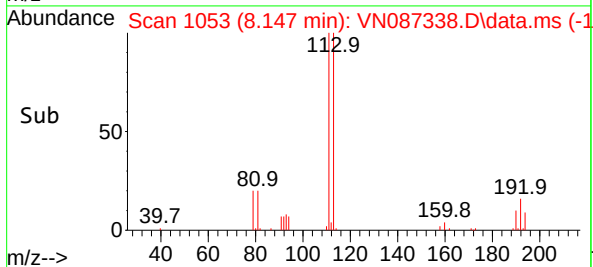
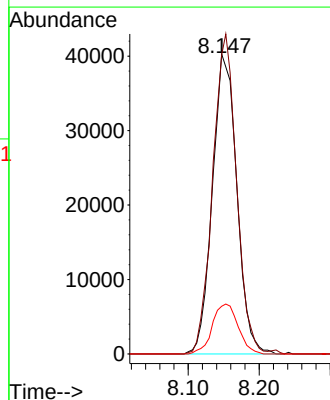
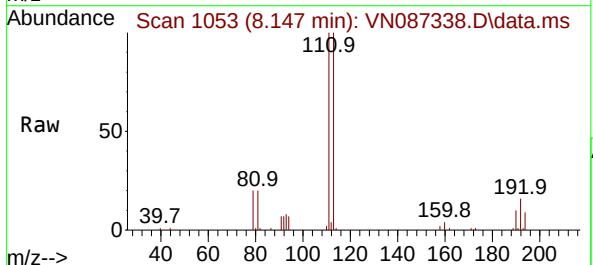
Instrument :
MSVOA_N
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VN0717MBL01

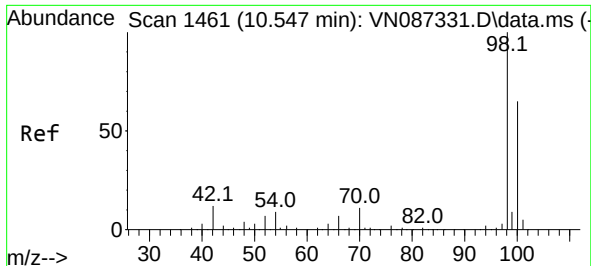
Tgt Ion:114 Resp: 273326
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.6
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.986 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

Tgt Ion:113 Resp: 96129
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 17.6 13.7 20.5

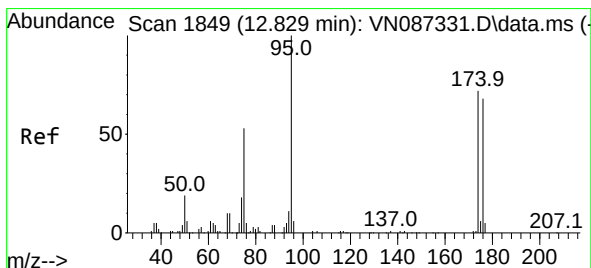
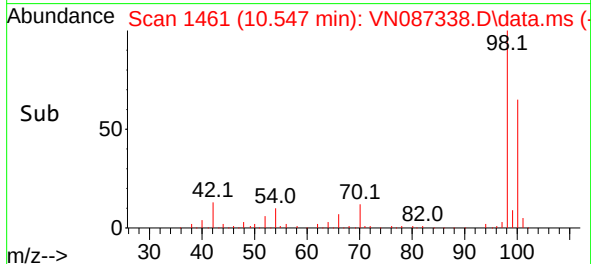
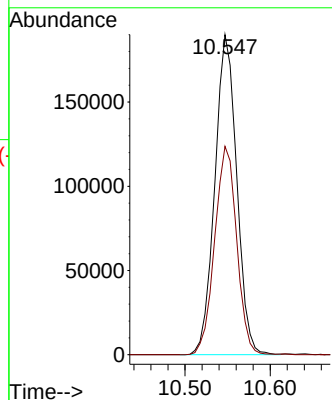
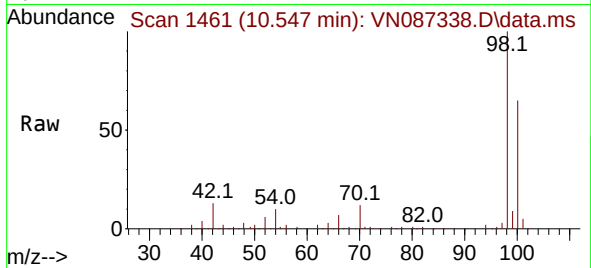




#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

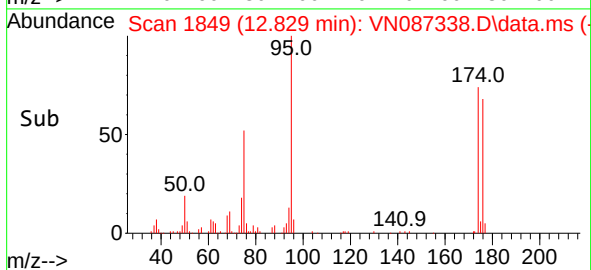
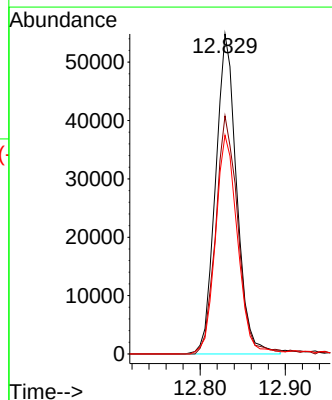
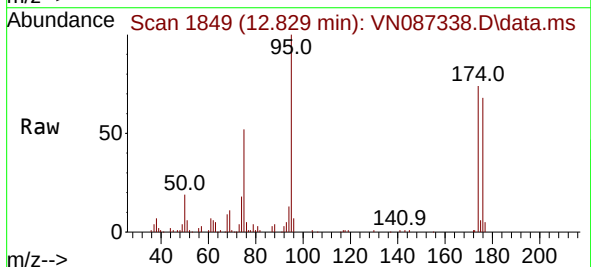
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

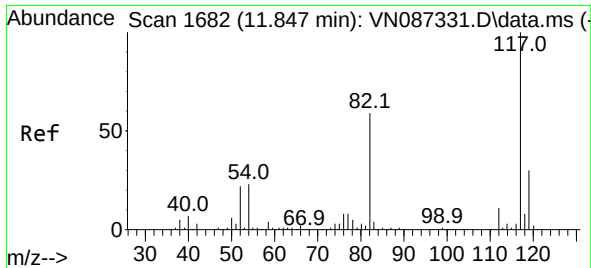
Tgt Ion: 98 Resp: 339292
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.141 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

Tgt Ion: 95 Resp: 94771
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.4
176 71.0 0.0 141.2

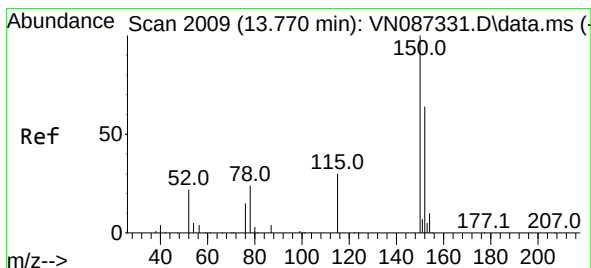
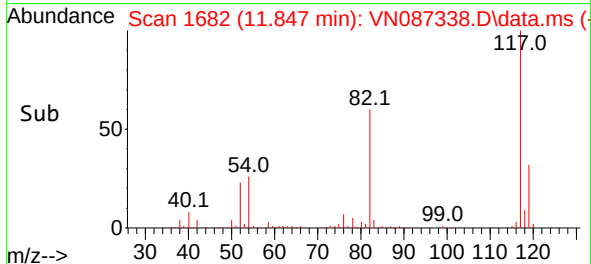
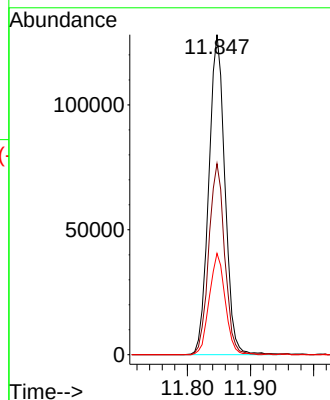
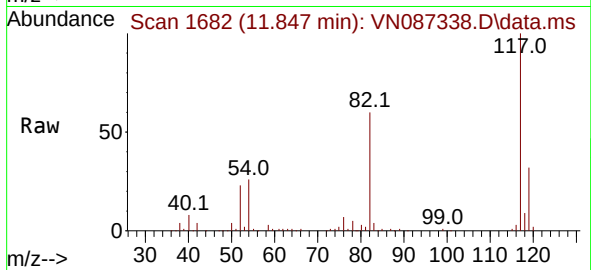




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

Tgt Ion:117 Resp: 227390
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.6 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087338.D
Acq: 17 Jul 2025 10:35

Tgt Ion:152 Resp: 87599
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.5
150 158.9 0.0 349.0

