

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087654.D
 Acq On : 25 Aug 2025 13:58
 Operator : JC\MD
 Sample : Q2936-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-082125

Quant Time: Aug 26 01:34:58 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)

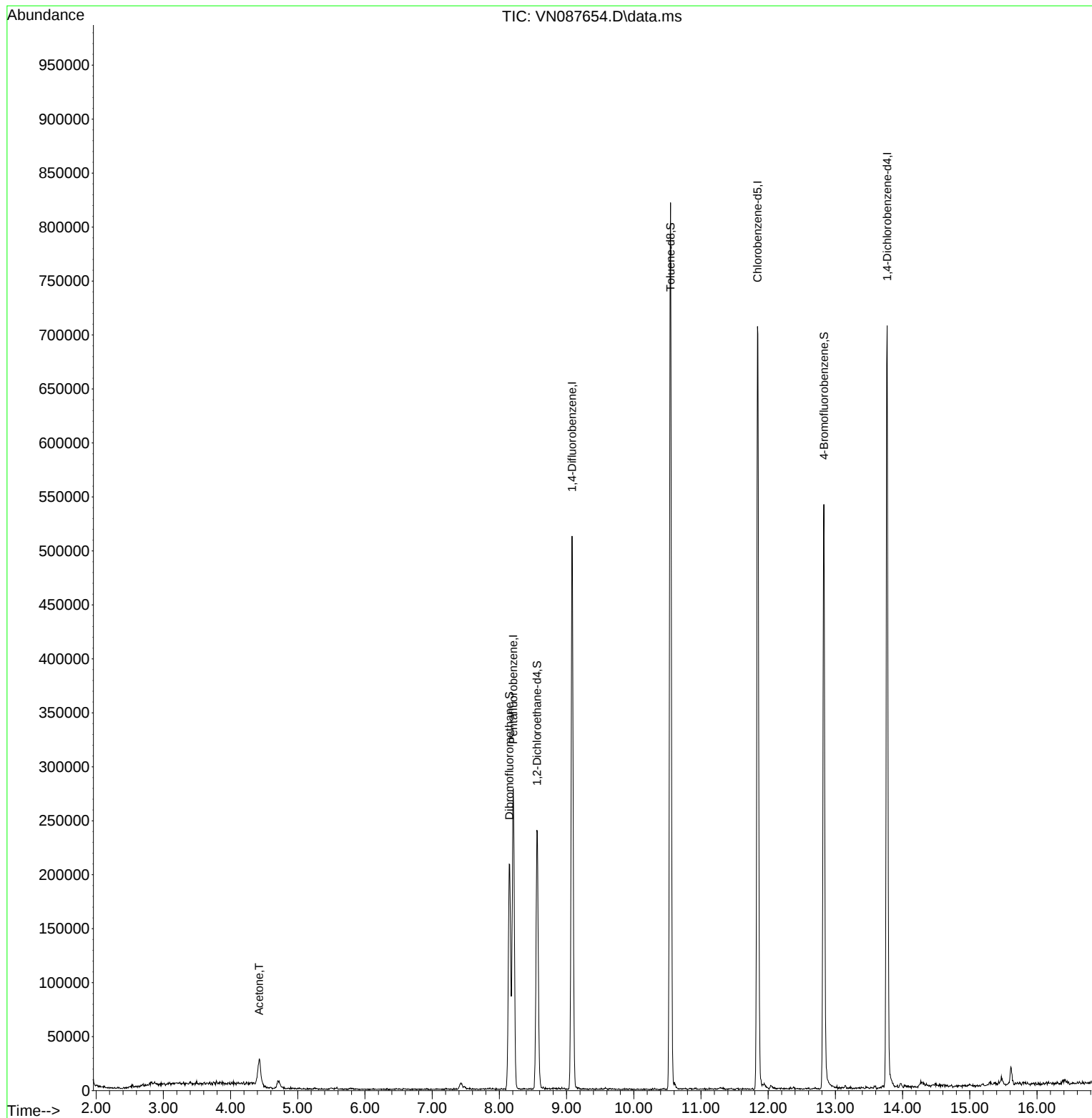
Internal Standards						
1) Pentafluorobenzene	8.206	168	185558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	422409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	393280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200291	52.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.360%
35) Dibromofluoromethane	8.147	113	152457	49.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.547	98	543875	47.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.829	95	190374	46.896	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.800%
Target Compounds						
16) Acetone	4.424	43	44511	21.507	ug/l	Qvalue 99

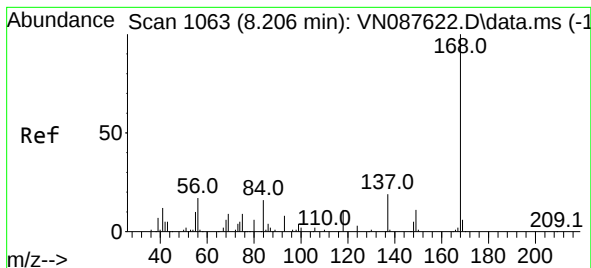
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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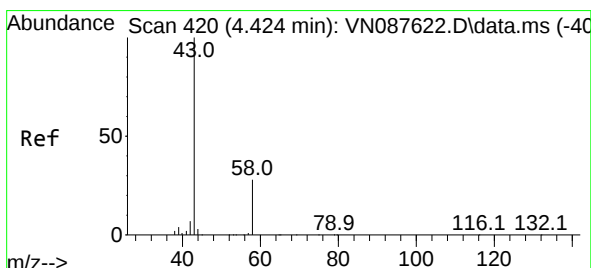
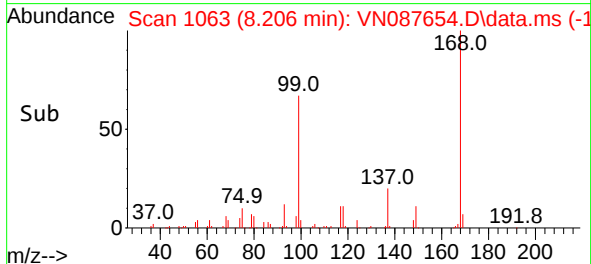
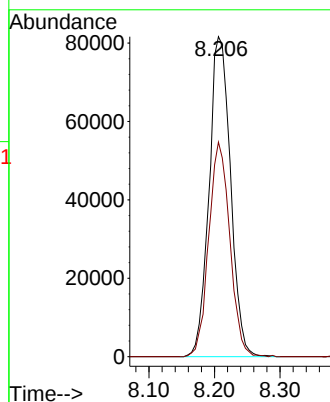
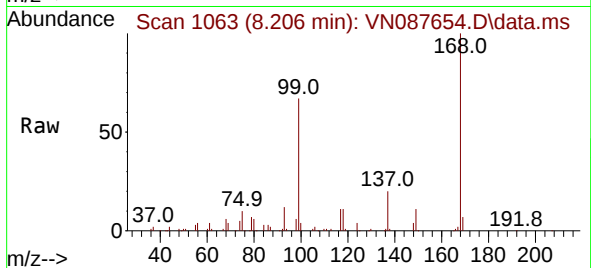




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

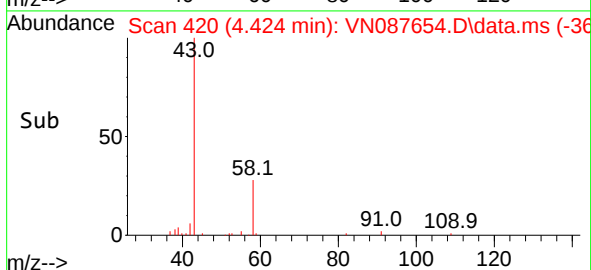
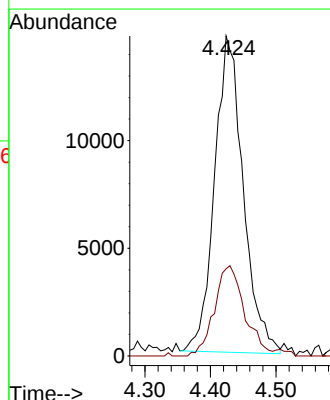
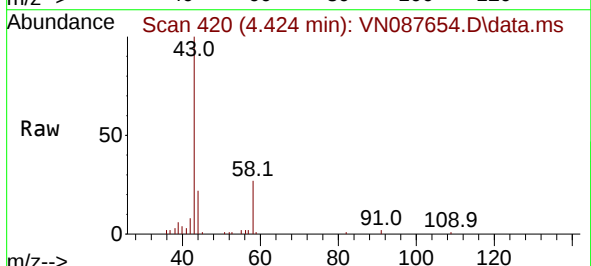
Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

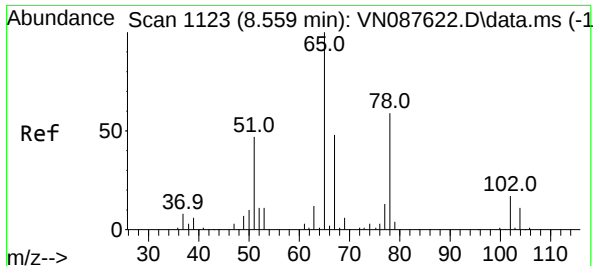
Tgt Ion:168 Resp: 185558
Ion Ratio Lower Upper
168 100
99 67.0 57.2 85.8



#16
Acetone
Concen: 21.507 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

Tgt Ion: 43 Resp: 44511
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 52.682 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087654.D

Acq: 25 Aug 2025 13:58

Instrument :

MSVOA_N

ClientSampleId :

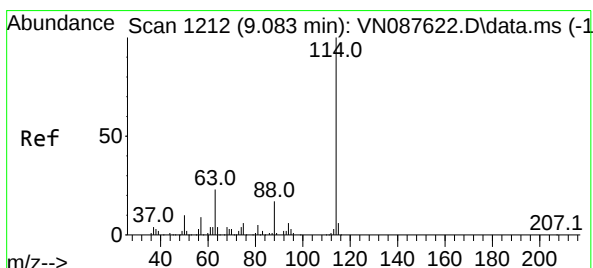
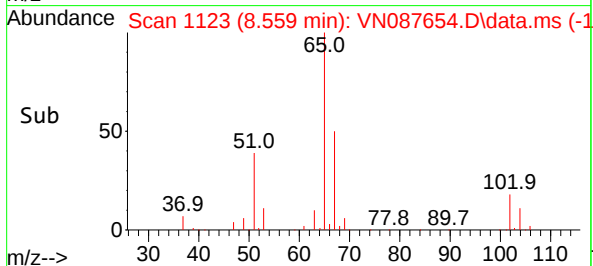
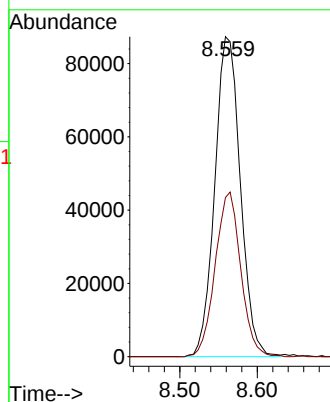
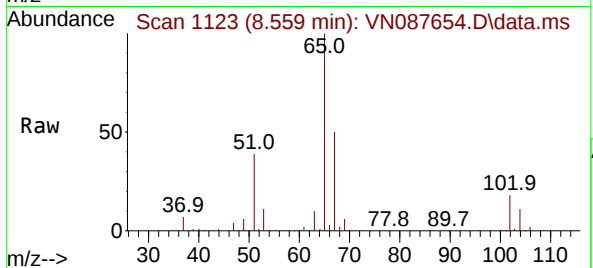
FB-02-082125

Tgt Ion: 65 Resp: 200291

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087654.D

Acq: 25 Aug 2025 13:58

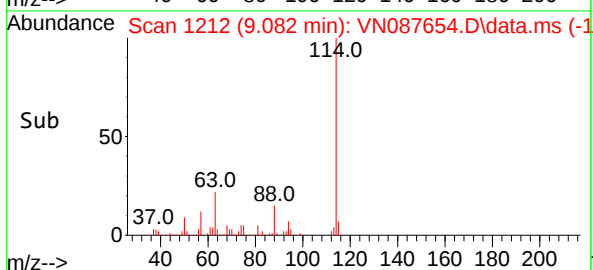
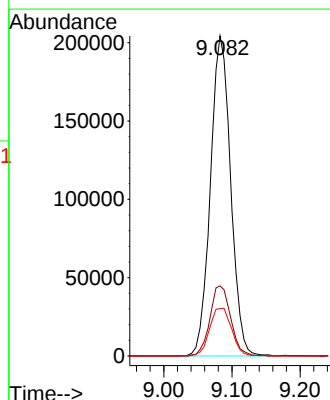
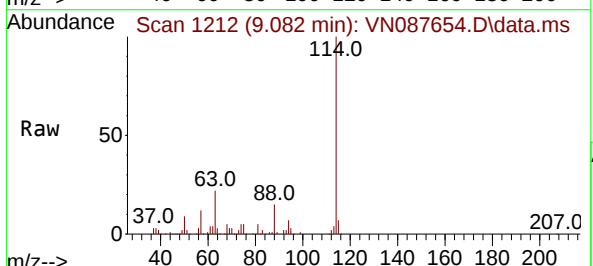
Tgt Ion: 114 Resp: 422409

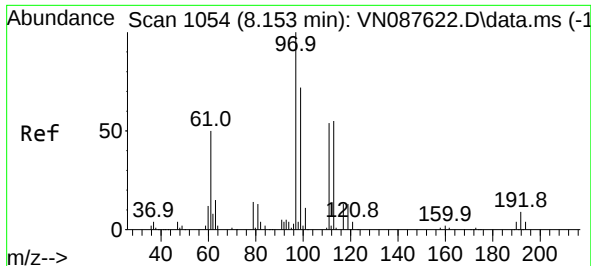
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

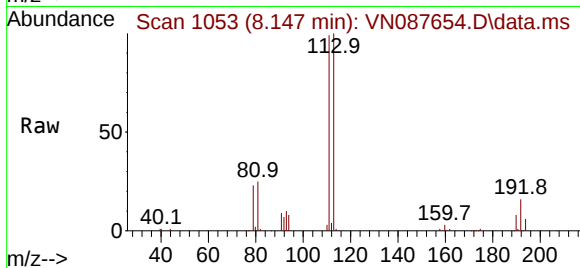
88 14.8 0.0 33.4



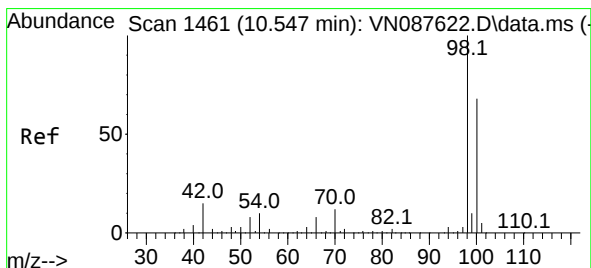
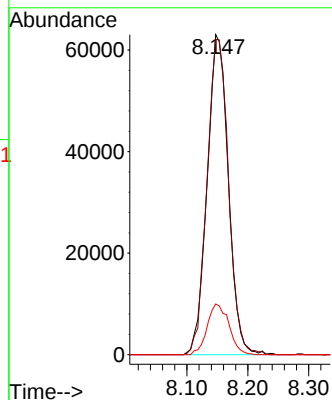
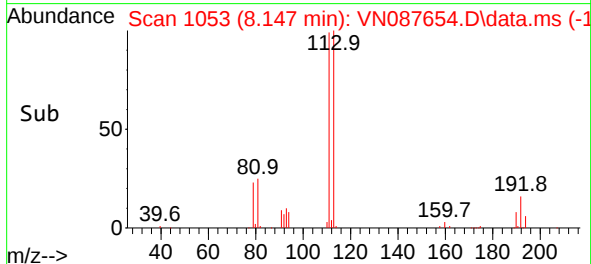


#35
Dibromofluoromethane
Concen: 49.989 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

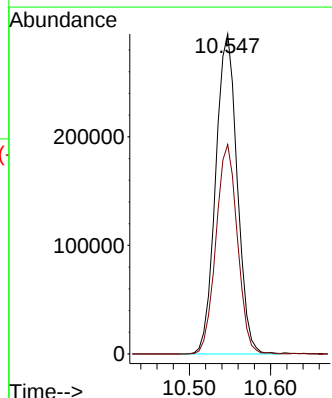
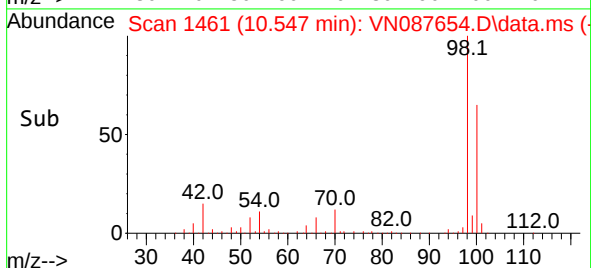
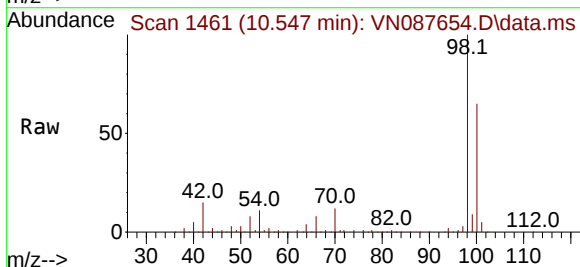


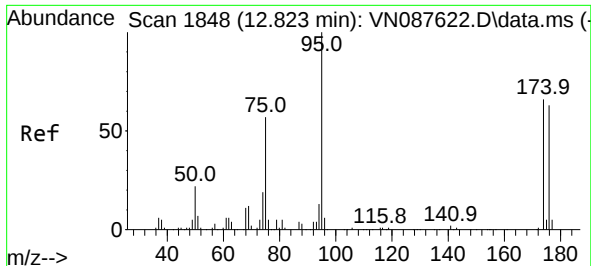
Tgt Ion:113 Resp: 152457
Ion Ratio Lower Upper
113 100
111 100.5 82.8 124.2
192 16.3 12.8 19.2



#50
Toluene-d8
Concen: 47.647 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

Tgt Ion: 98 Resp: 543875
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2

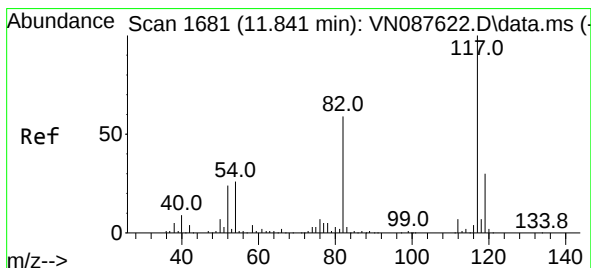
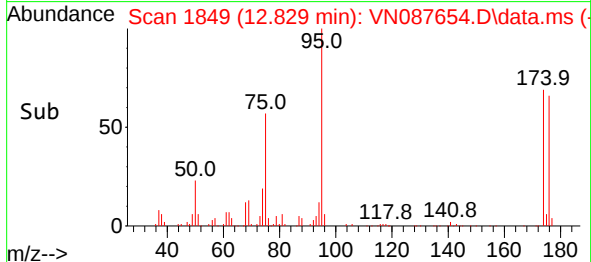
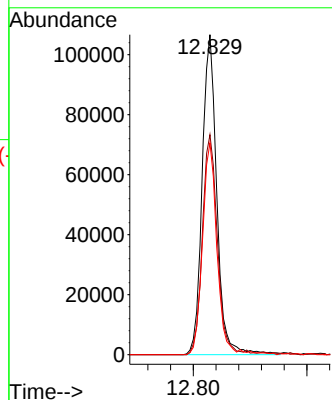
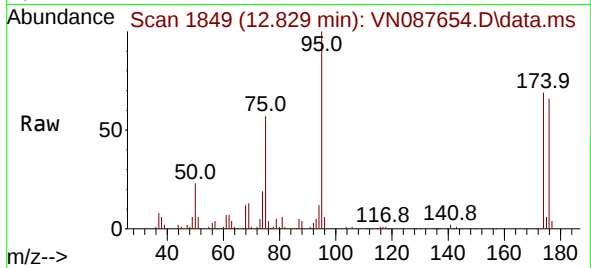




#62
4-Bromofluorobenzene
Concen: 46.896 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

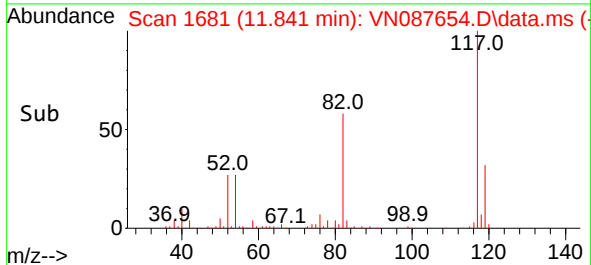
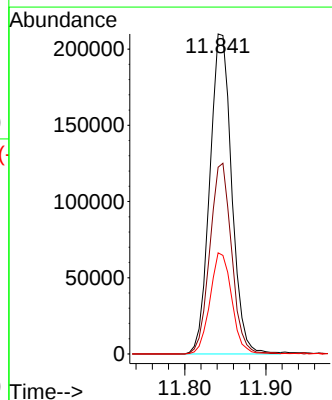
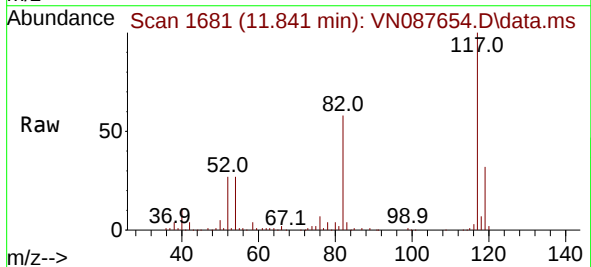
Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

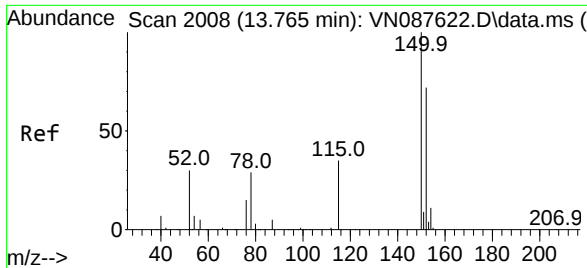
Tgt Ion: 95 Resp: 190374
Ion Ratio Lower Upper
95 100
174 70.2 0.0 138.4
176 66.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

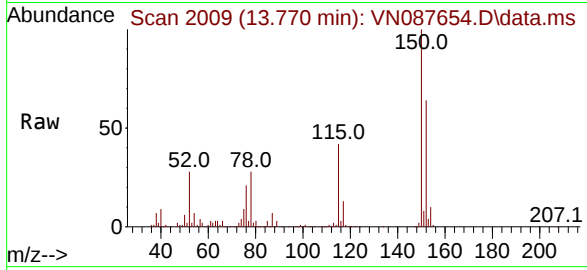
Tgt Ion: 117 Resp: 393280
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.6 24.3 36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087654.D
Acq: 25 Aug 2025 13:58

Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125



Tgt Ion:152 Resp: 182948
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 155.7 0.0 351.0

