

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087639.D
 Acq On : 22 Aug 2025 14:22
 Operator : JC\MD
 Sample : Q2936-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-082125

Quant Time: Aug 25 01:20:50 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)

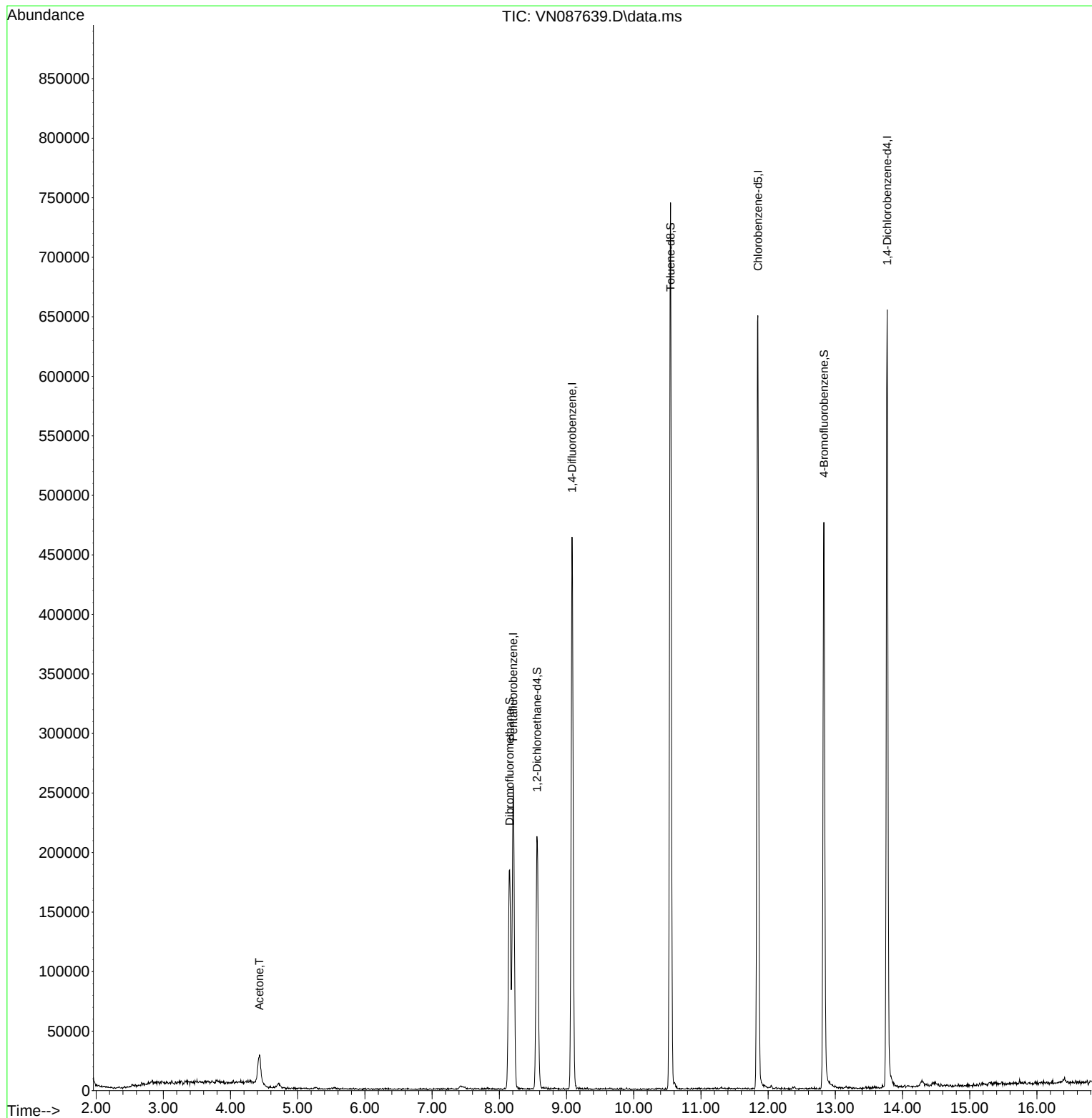
Internal Standards						
1) Pentafluorobenzene	8.206	168	164863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	376501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	351165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	166374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	178808	52.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.880%
35) Dibromofluoromethane	8.153	113	132417	48.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	10.547	98	488826	48.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.829	95	171278	47.337	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.680%
Target Compounds						
16) Acetone	4.430	43	46542	25.311	ug/l	Qvalue 99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087639.D
Acq On : 22 Aug 2025 14:22
Operator : JC\MD
Sample : Q2936-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

Quant Time: Aug 25 01:20:50 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

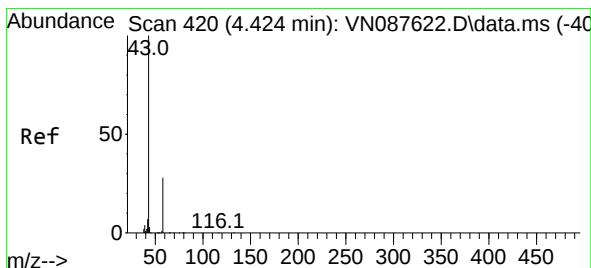
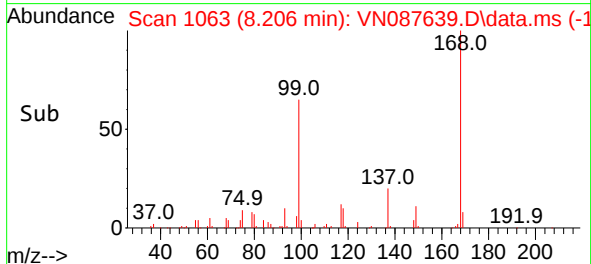
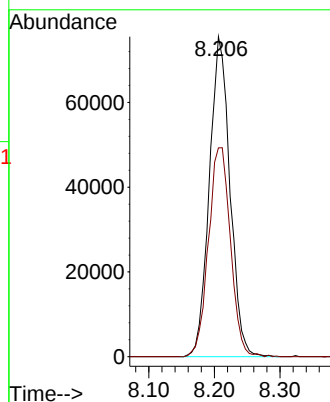
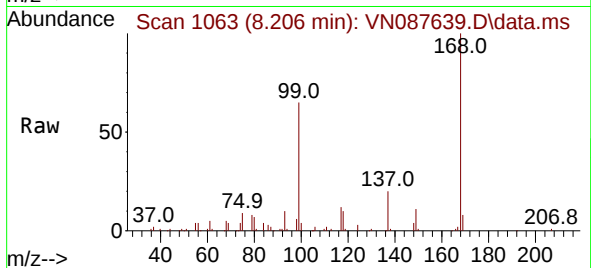




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

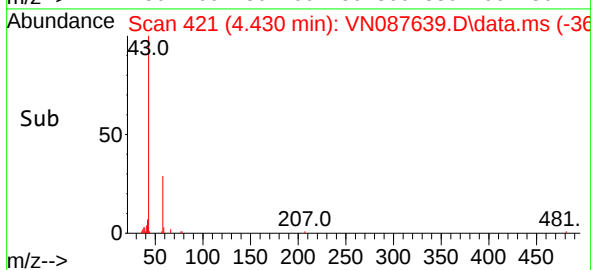
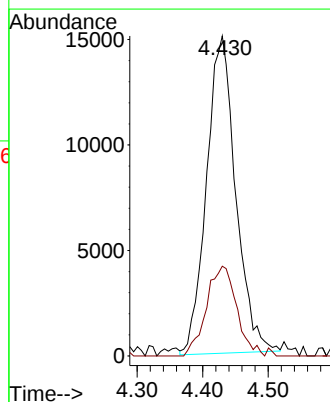
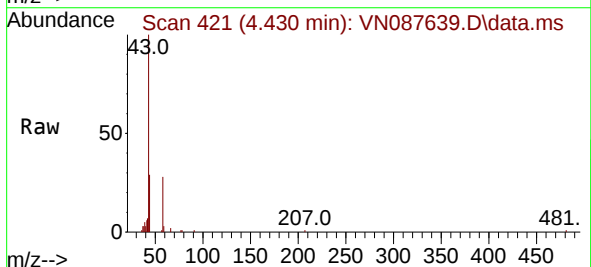
Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

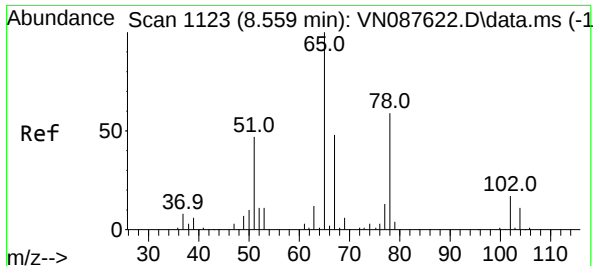
Tgt Ion:168 Resp: 164863
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#16
Acetone
Concen: 25.311 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 43 Resp: 46542
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 52.935 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087639.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

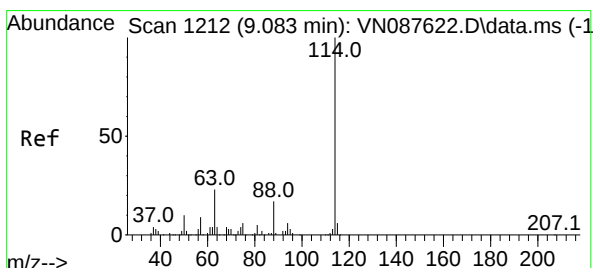
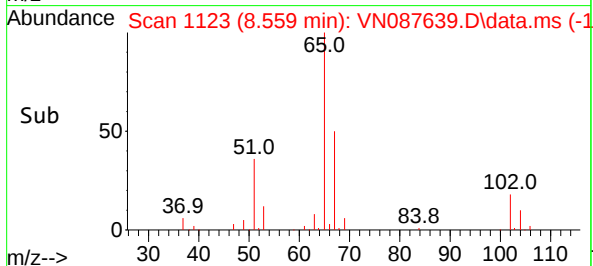
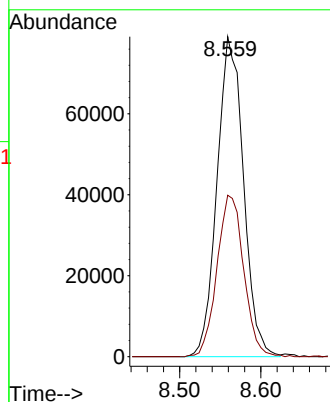
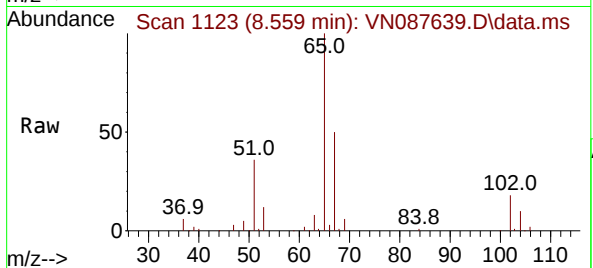
FB-02-082125

Tgt Ion: 65 Resp: 178808

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087639.D

Acq: 22 Aug 2025 14:22

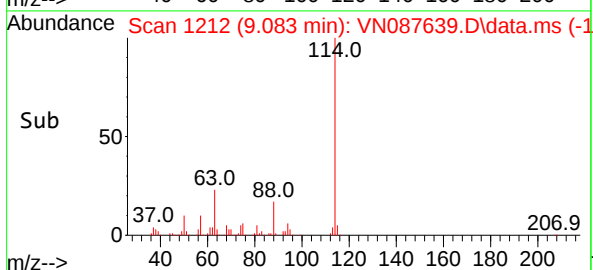
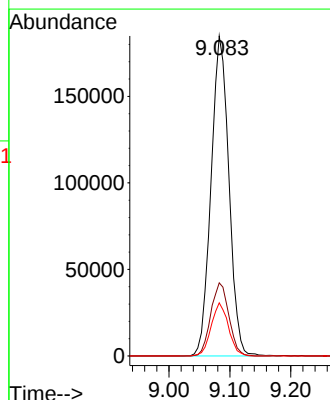
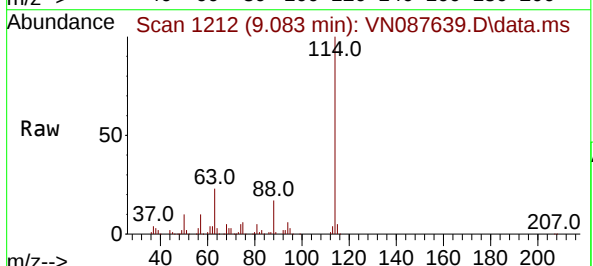
Tgt Ion: 114 Resp: 376501

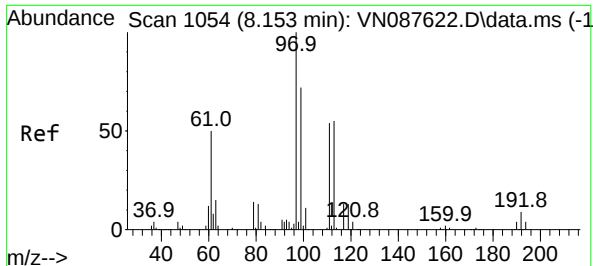
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

88 16.6 0.0 33.4

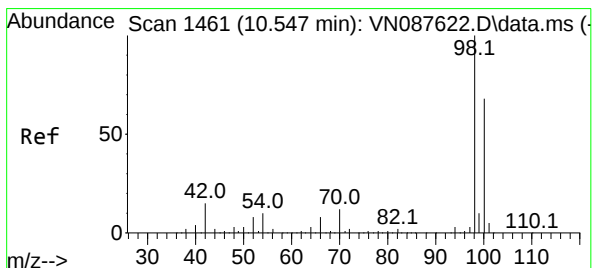
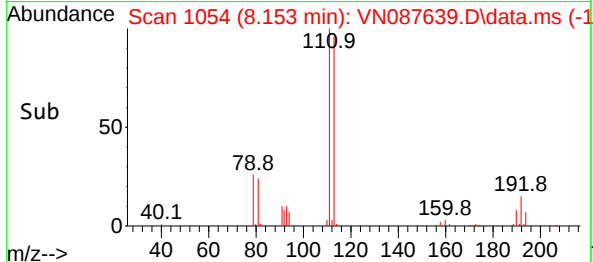
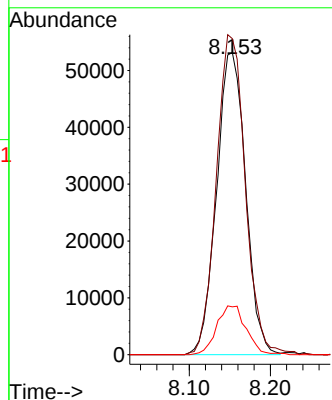
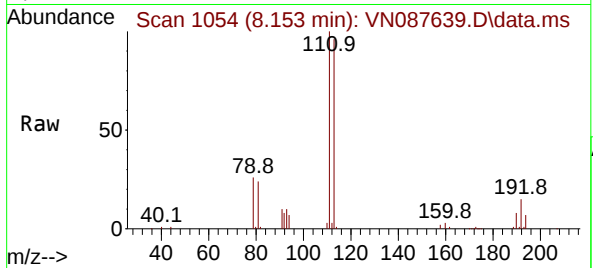




#35
Dibromofluoromethane
Concen: 48.713 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

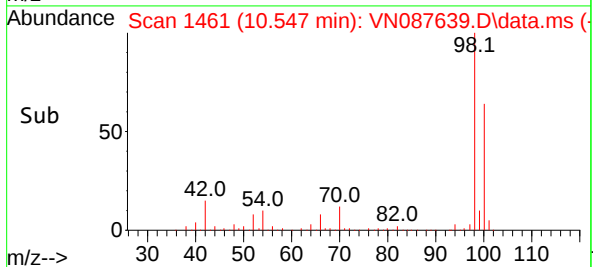
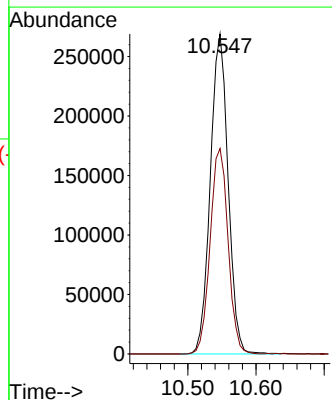
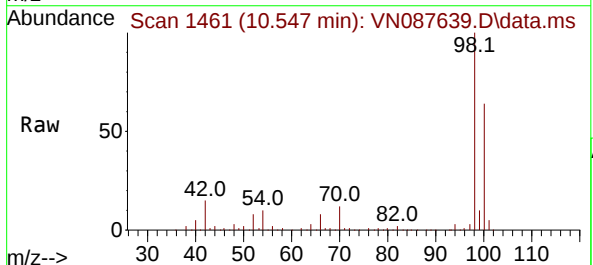
Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

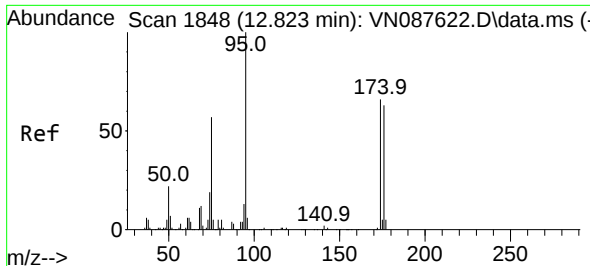
Tgt Ion:113 Resp: 132417
Ion Ratio Lower Upper
113 100
111 105.4 82.8 124.2
192 16.4 12.8 19.2



#50
Toluene-d8
Concen: 48.046 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 98 Resp: 488826
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

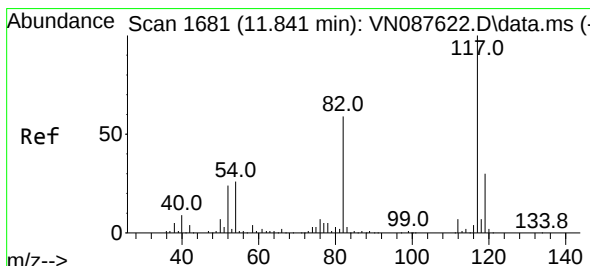
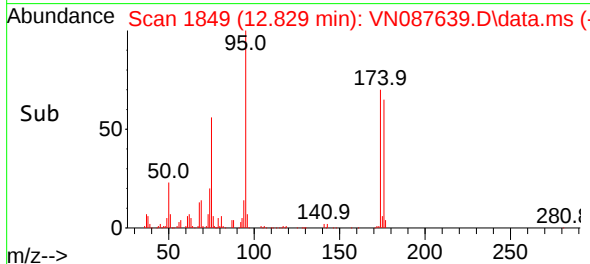
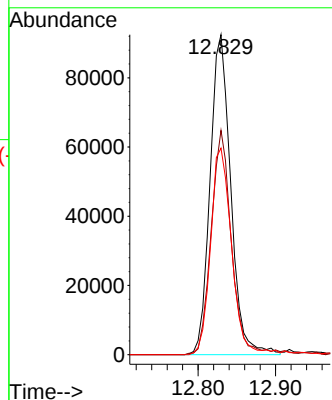
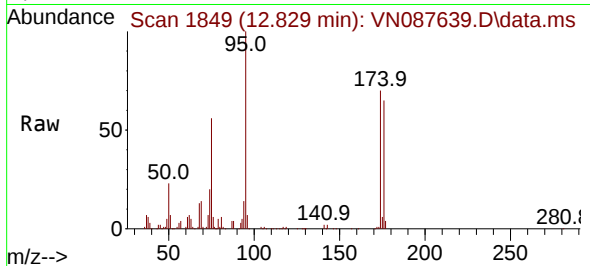




#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

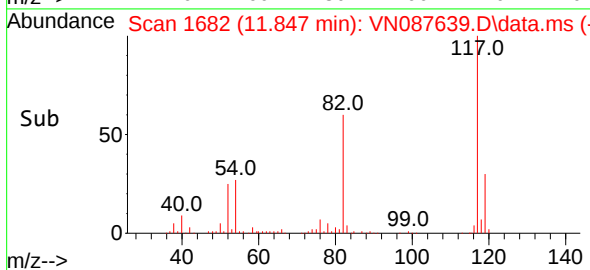
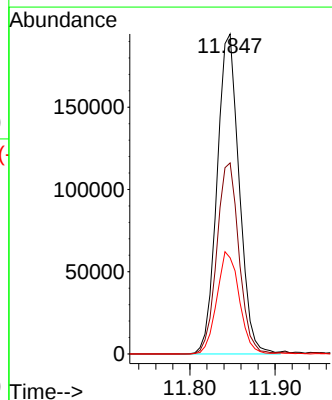
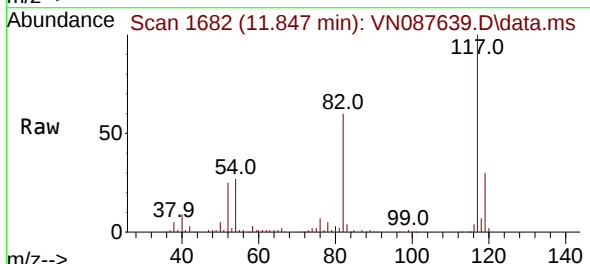
Instrument :
MSVOA_N
ClientSampleId :
FB-02-082125

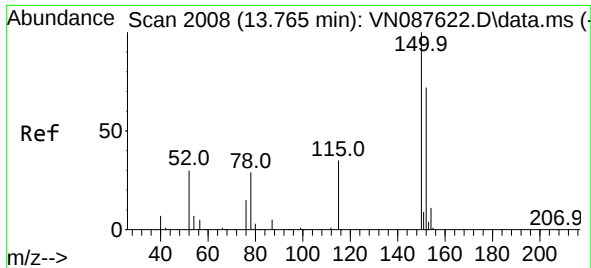
Tgt Ion: 95 Resp: 171278
Ion Ratio Lower Upper
95 100
174 69.2 0.0 138.4
176 66.1 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087639.D
Acq: 22 Aug 2025 14:22

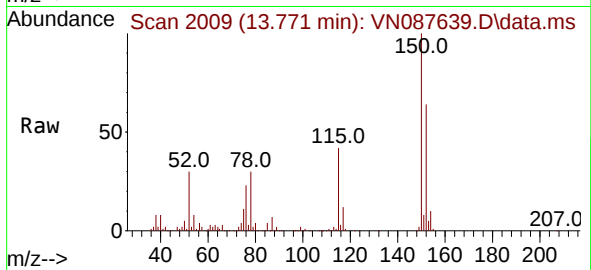
Tgt Ion: 117 Resp: 351165
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.1 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087639.D
 Acq: 22 Aug 2025 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-082125



Tgt Ion:152 Resp: 166374
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 156.6 0.0 351.0

