

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087516.D
 Acq On : 12 Aug 2025 15:51
 Operator : JC\MD
 Sample : Q2816-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1060-FB080725

Quant Time: Aug 13 03:06:36 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)

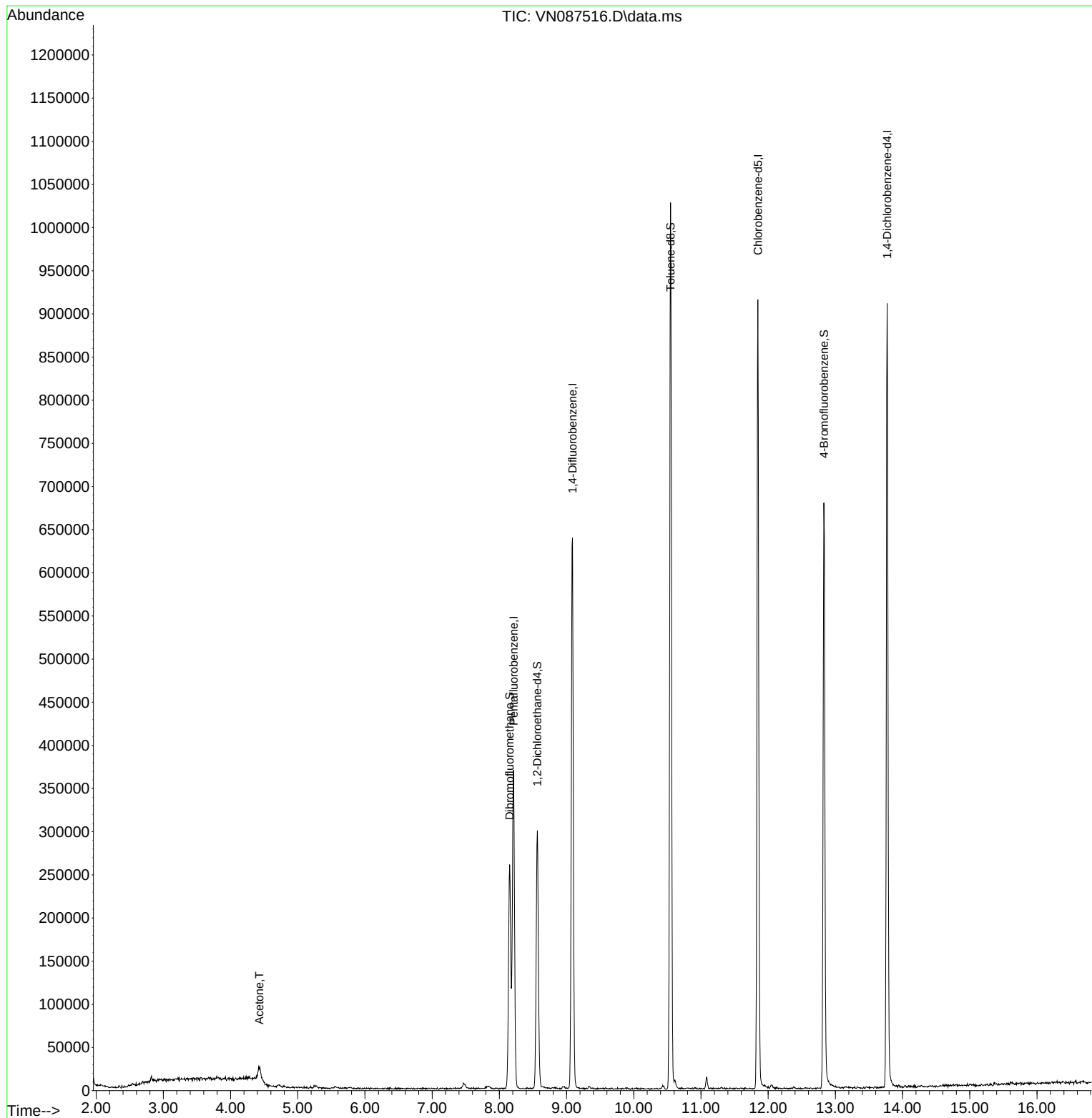
Internal Standards						
1) Pentafluorobenzene	8.212	168	243184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.088	114	520707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	486987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	228881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	251136	60.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.720%	
35) Dibromofluoromethane	8.153	113	183254	51.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	10.547	98	679315	53.020	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.829	95	247204	52.223	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.440%	
Target Compounds						
16) Acetone	4.430	43	28233	14.593	ug/l	Qvalue 95

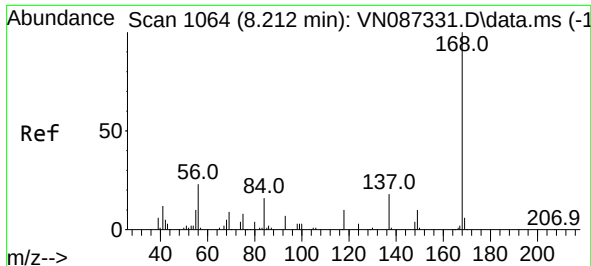
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087516.D
Acq On : 12 Aug 2025 15:51
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Time: Aug 13 03:06:36 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

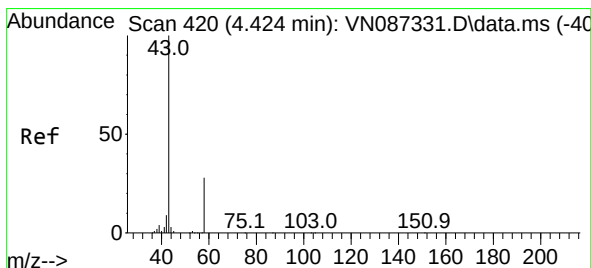
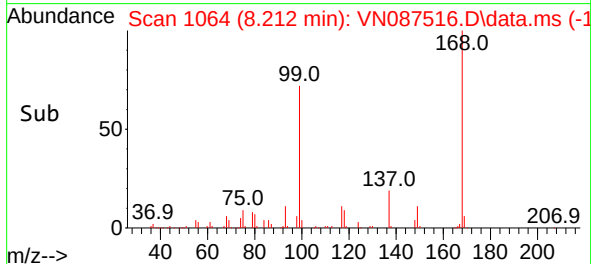
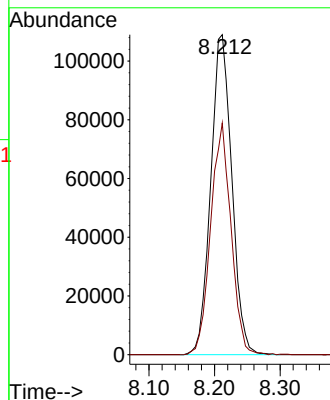
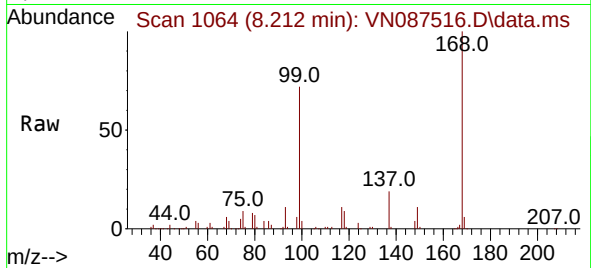




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087516.D
Acq: 12 Aug 2025 15:51

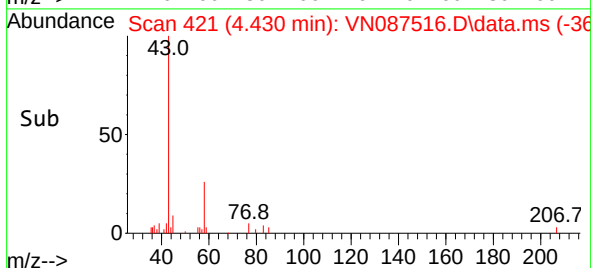
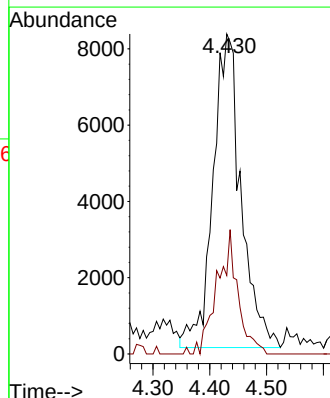
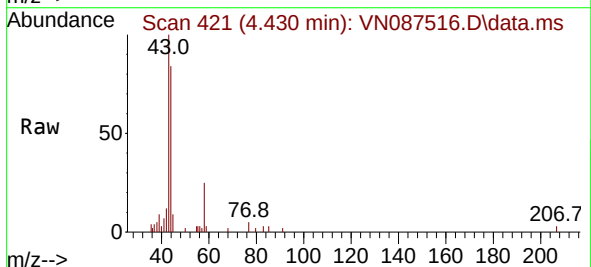
Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

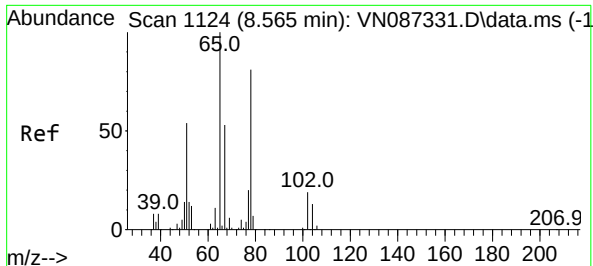
Tgt Ion:168 Resp: 243184
Ion Ratio Lower Upper
168 100
99 72.4 47.9 71.9#



#16
Acetone
Concen: 14.593 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087516.D
Acq: 12 Aug 2025 15:51

Tgt Ion: 43 Resp: 28233
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 60.862 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087516.D

Acq: 12 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

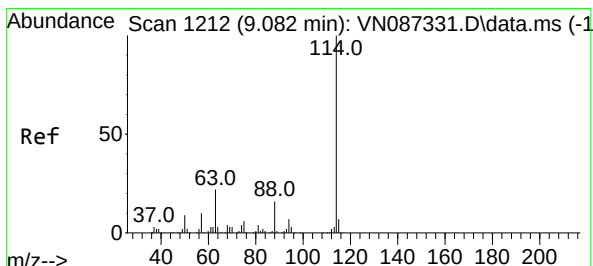
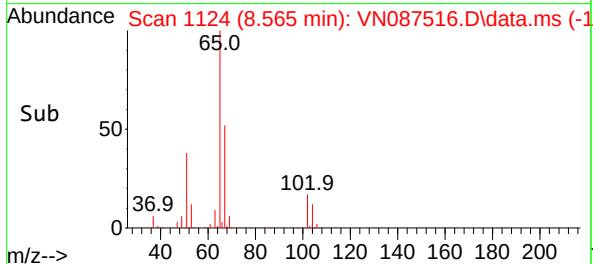
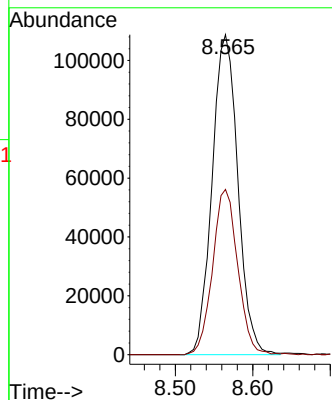
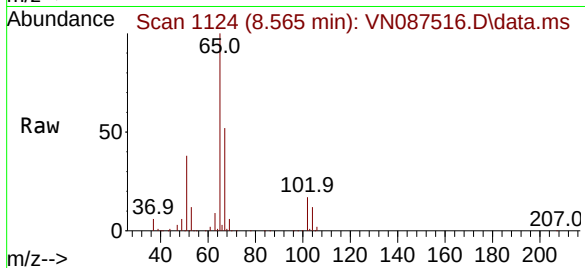
1060-FB080725

Tgt Ion: 65 Resp: 251136

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087516.D

Acq: 12 Aug 2025 15:51

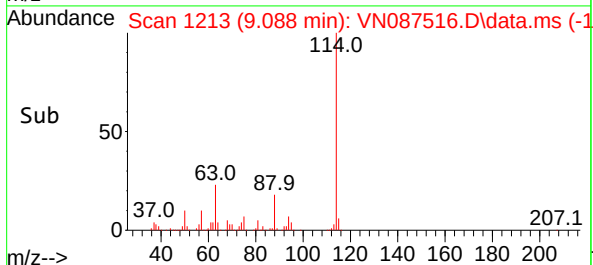
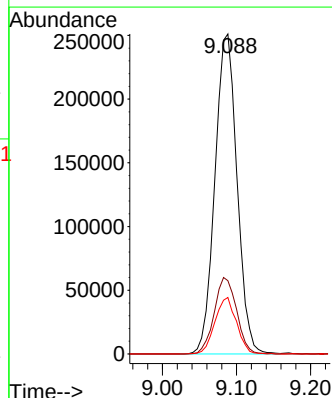
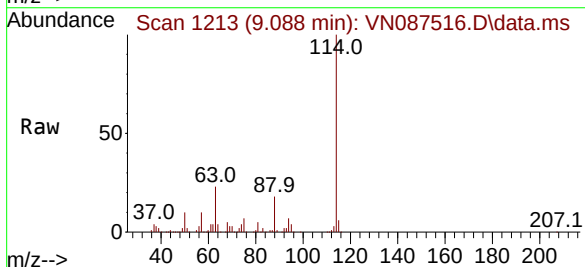
Tgt Ion: 114 Resp: 520707

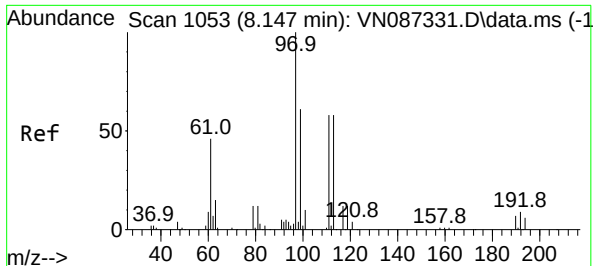
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.020 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087516.D

Acq: 12 Aug 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

1060-FB080725

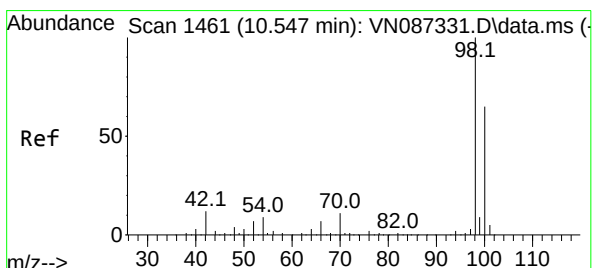
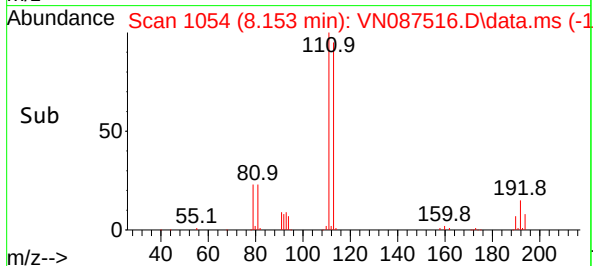
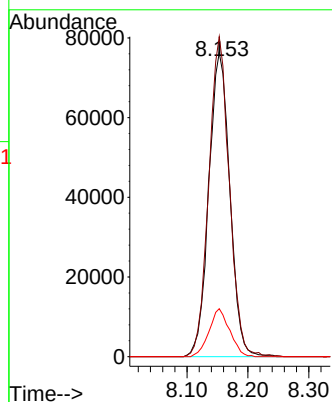
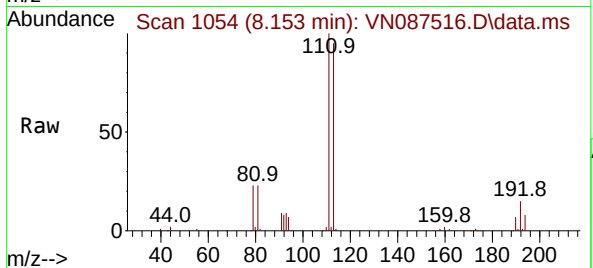
Tgt Ion:113 Resp: 183254

Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 15.5 13.7 20.5



#50

Toluene-d8

Concen: 53.020 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087516.D

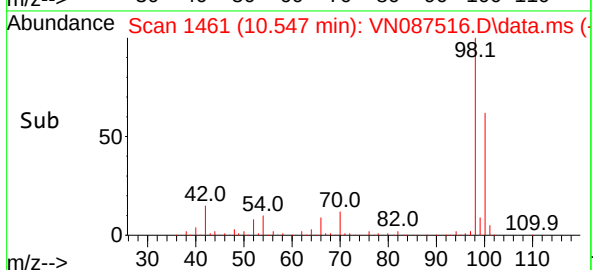
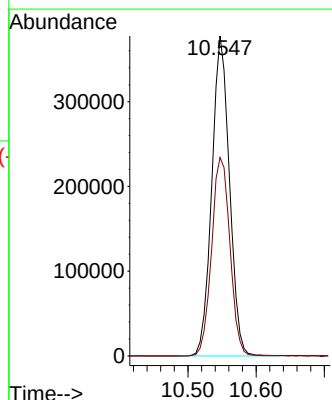
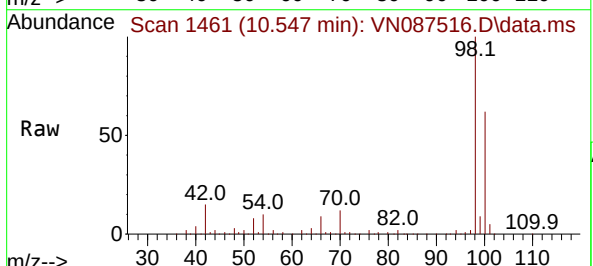
Acq: 12 Aug 2025 15:51

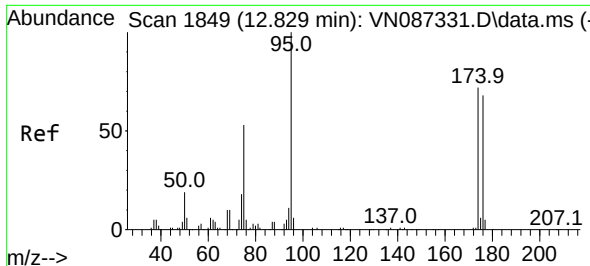
Tgt Ion: 98 Resp: 679315

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

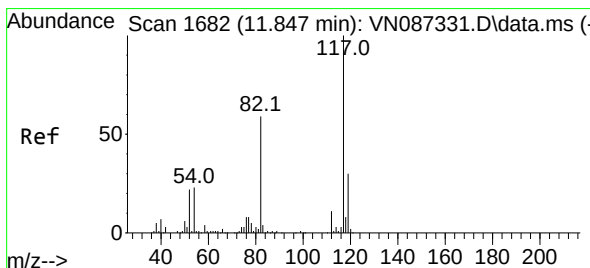
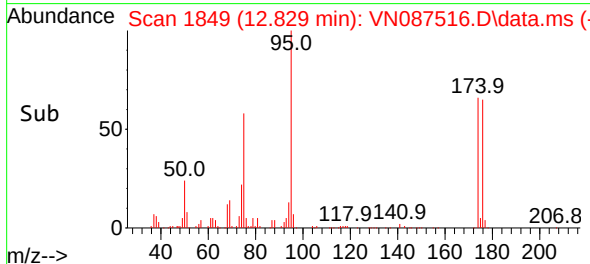
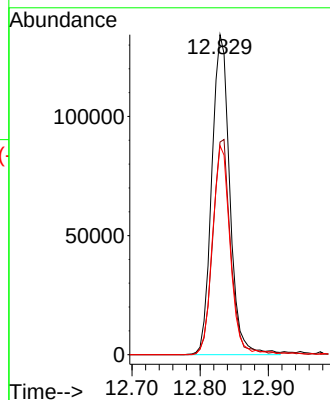
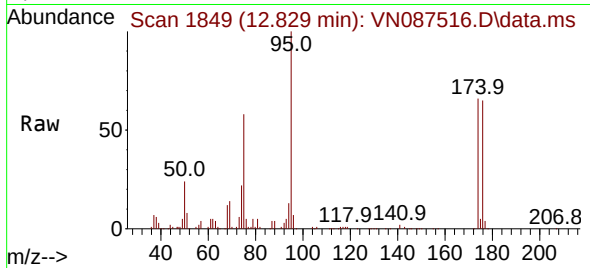




#62
4-Bromofluorobenzene
Concen: 52.223 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087516.D
Acq: 12 Aug 2025 15:51

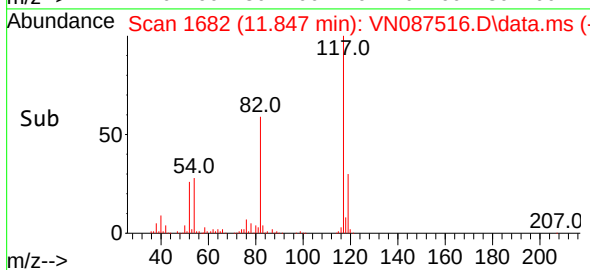
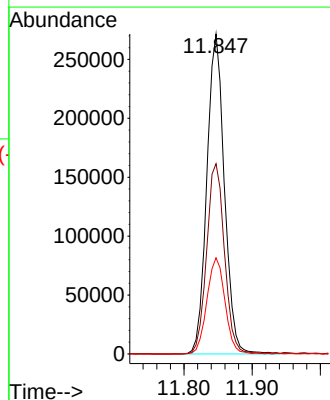
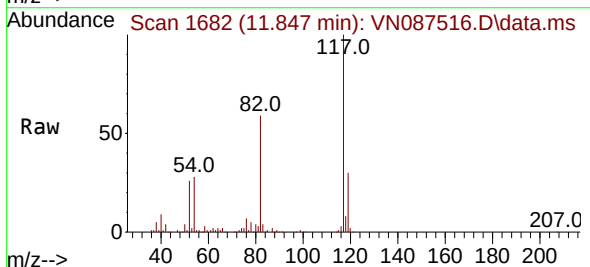
Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

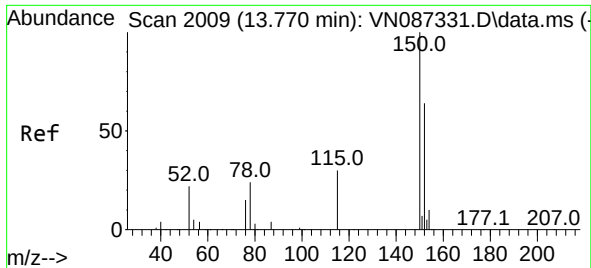
Tgt Ion: 95 Resp: 247204
Ion Ratio Lower Upper
95 100
174 67.1 0.0 149.4
176 64.4 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087516.D
Acq: 12 Aug 2025 15:51

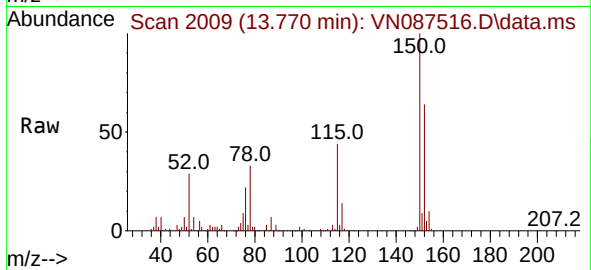
Tgt Ion: 117 Resp: 486987
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 30.1 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087516.D
 Acq: 12 Aug 2025 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 1060-FB080725



Tgt Ion:152 Resp: 228881
 Ion Ratio Lower Upper
 152 100
 115 66.6 31.1 93.5
 150 158.1 0.0 349.0

