

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087997.D
 Acq On : 30 Sep 2025 12:53
 Operator : JC\MD
 Sample : Q3241-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 92625

Quant Time: Oct 01 04:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

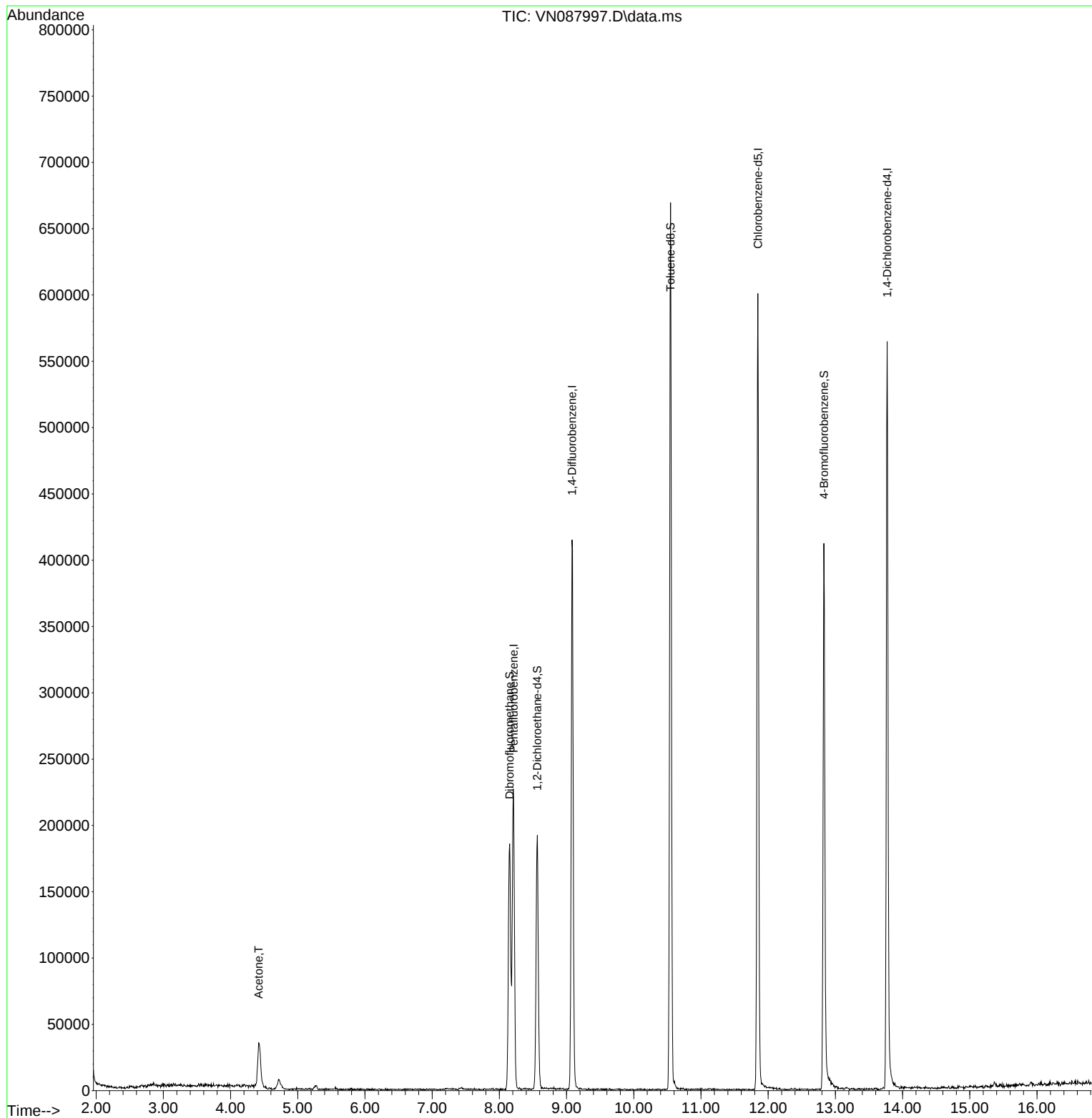
Internal Standards						
1) Pentafluorobenzene	8.212	168	156388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	345490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	340247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	156977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	159407	60.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.140%
35) Dibromofluoromethane	8.153	113	134039	53.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.860%
50) Toluene-d8	10.547	98	438013	49.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.829	95	150303	47.668	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.340%
Target Compounds						
16) Acetone	4.418	43	65293	60.296	ug/l	Qvalue # 86

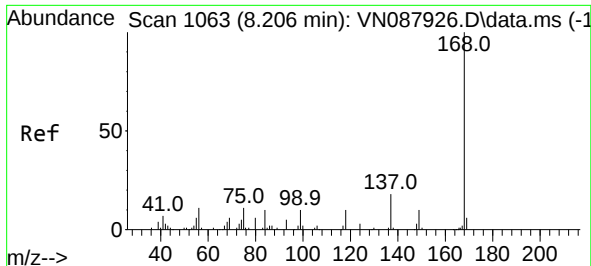
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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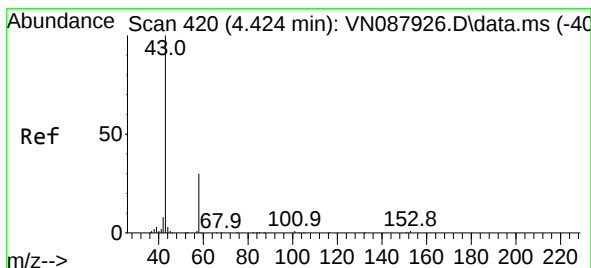
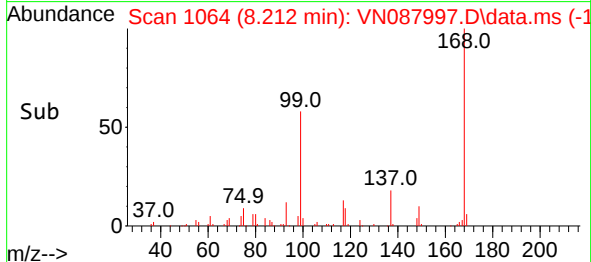
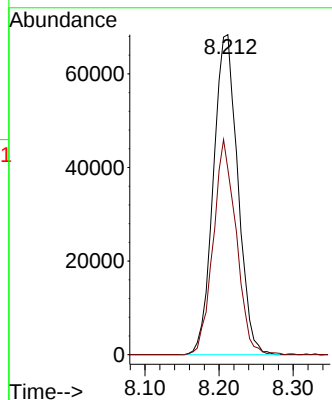
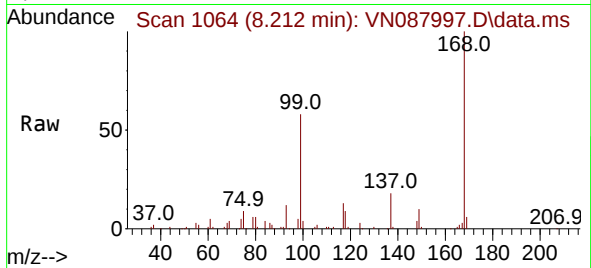




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

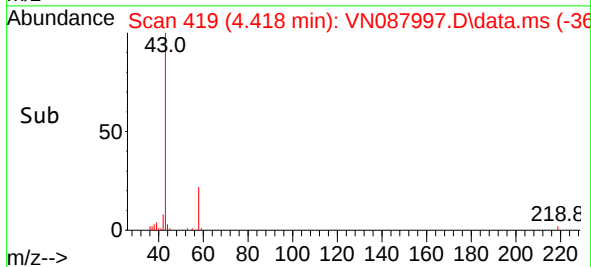
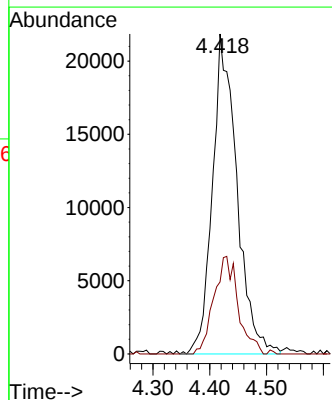
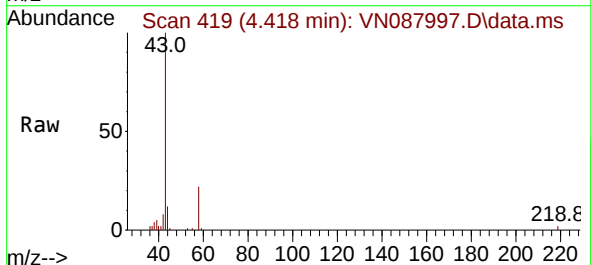
Instrument :
MSVOA_N
ClientSampleId :
92625

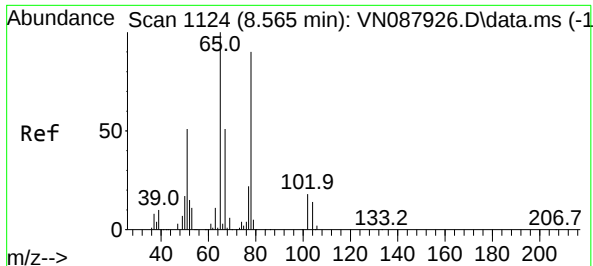
Tgt Ion:168 Resp: 156388
Ion Ratio Lower Upper
168 100
99 57.9 52.2 78.2



#16
Acetone
Concen: 60.296 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion: 43 Resp: 65293
Ion Ratio Lower Upper
43 100
58 22.5 24.1 36.1#





#33

1,2-Dichloroethane-d4

Concen: 60.567 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

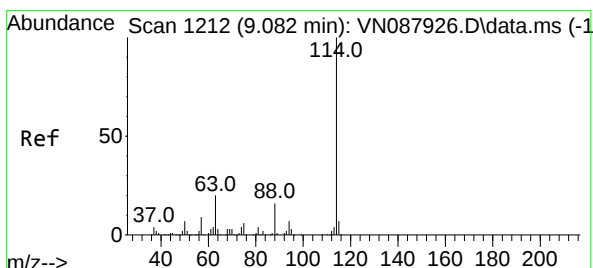
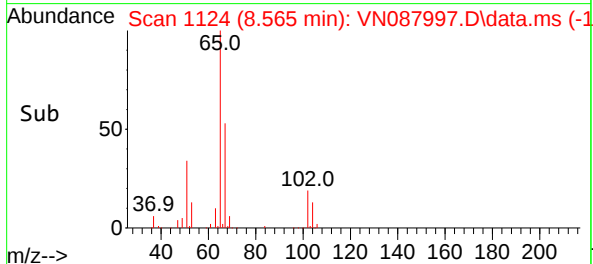
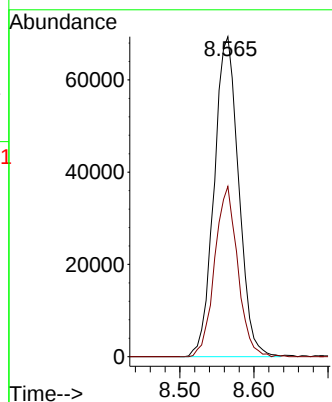
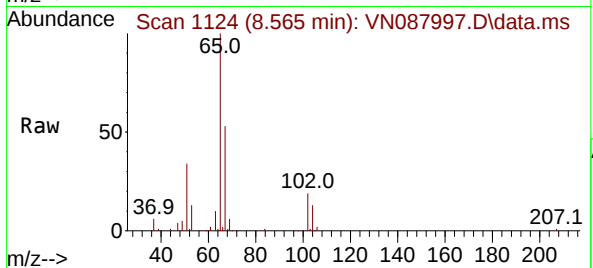
92625

Tgt Ion: 65 Resp: 159407

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

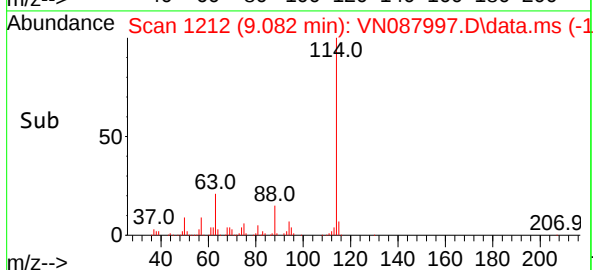
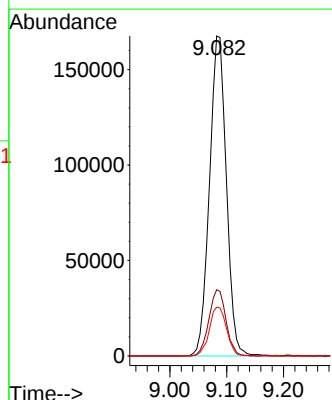
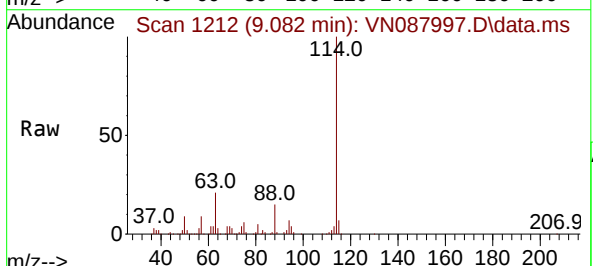
Tgt Ion: 114 Resp: 345490

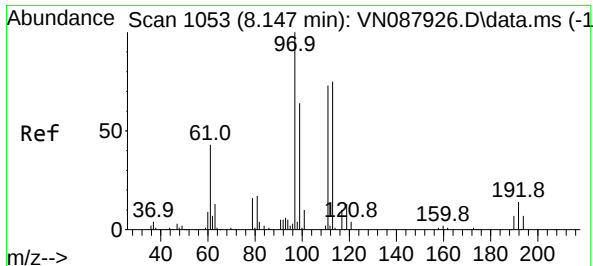
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.435 ug/l

RT: 8.153 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

92625

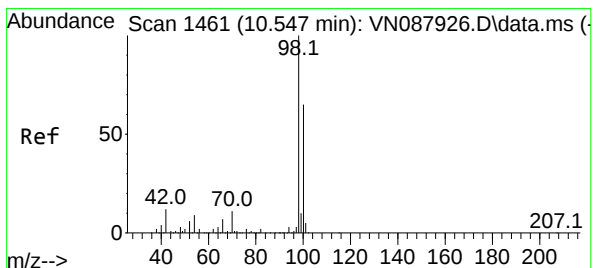
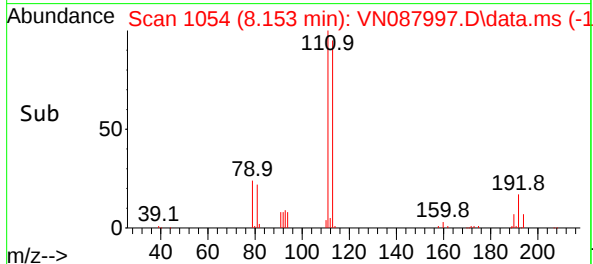
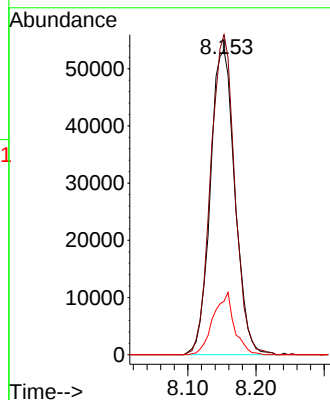
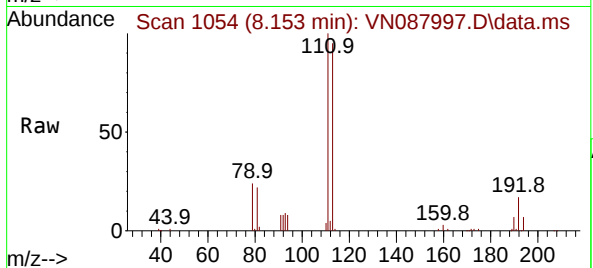
Tgt Ion:113 Resp: 134039

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 17.4 14.2 21.2



#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087997.D

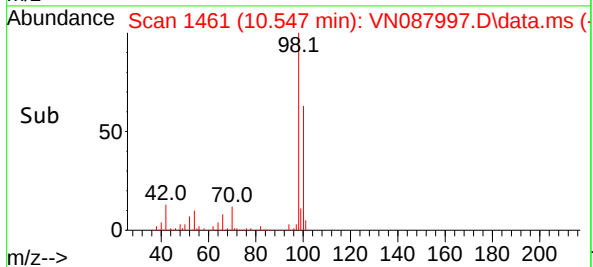
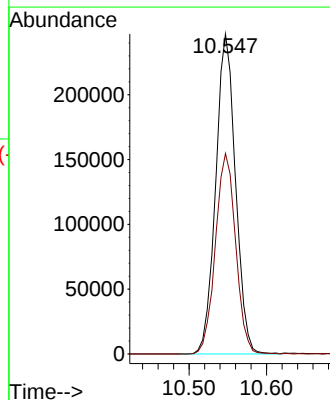
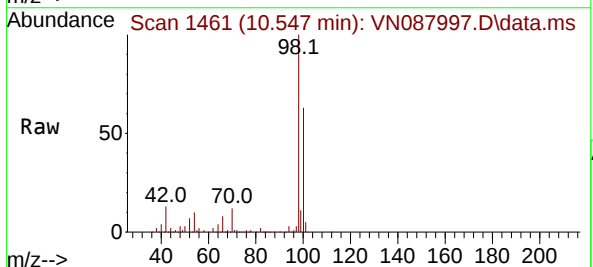
Acq: 30 Sep 2025 12:53

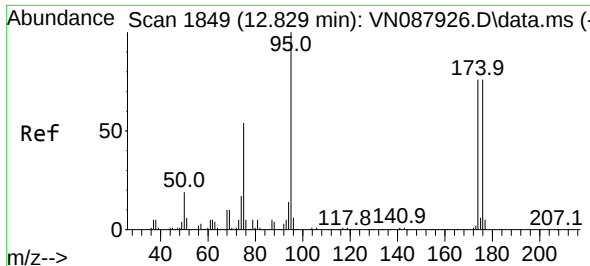
Tgt Ion: 98 Resp: 438013

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

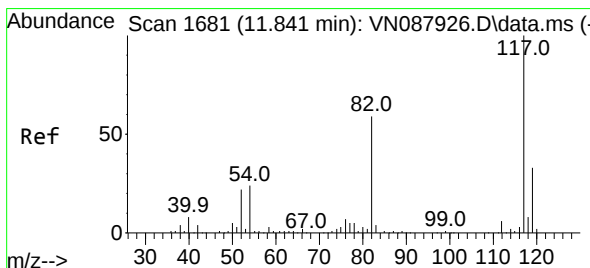
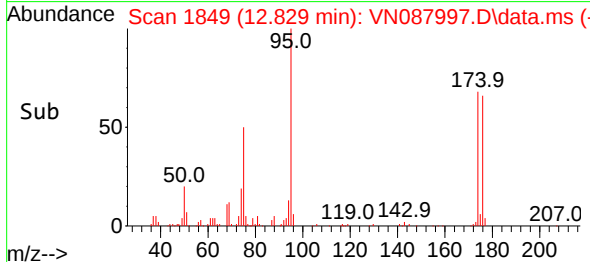
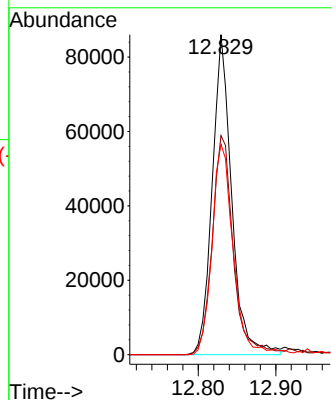
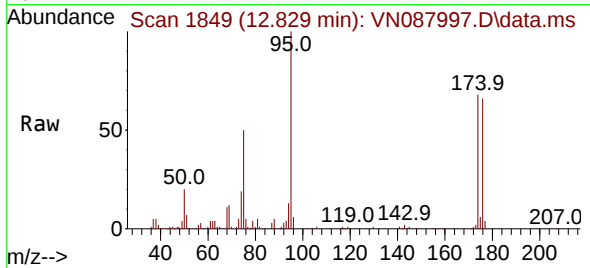




#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

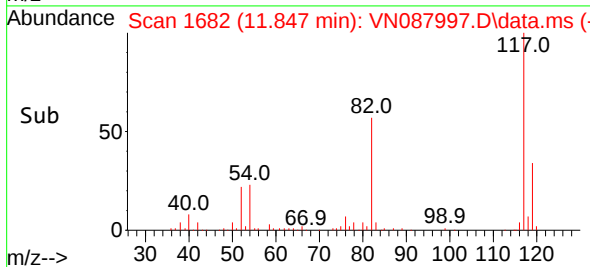
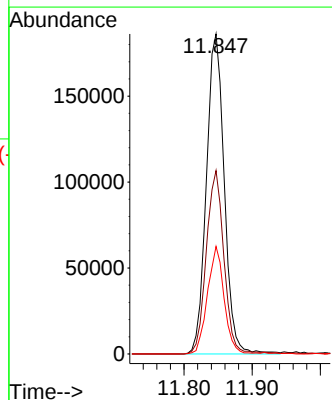
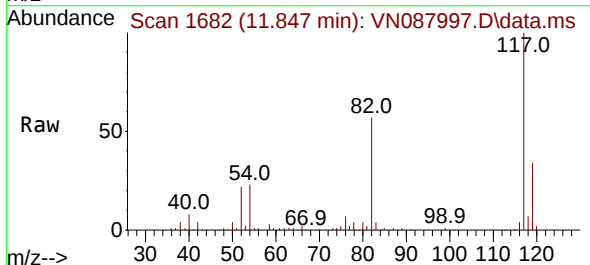
Instrument :
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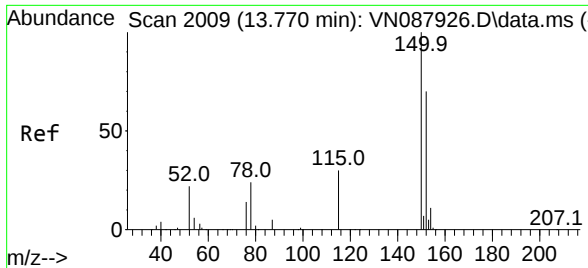
Tgt Ion: 95 Resp: 150303
Ion Ratio Lower Upper
95 100
174 73.6 0.0 159.2
176 71.7 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

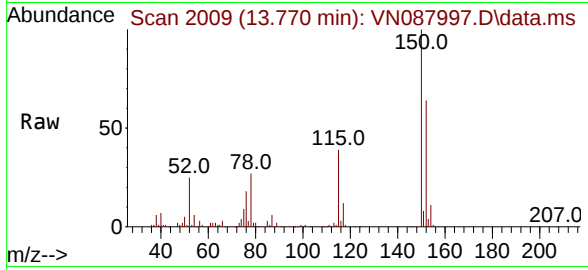
Tgt Ion: 117 Resp: 340247
Ion Ratio Lower Upper
117 100
82 57.3 47.0 70.4
119 33.6 26.1 39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Instrument :
MSVOA_N
ClientSampleId :
92625



Tgt Ion:	152	Resp:	156977
Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.9	89.7
150	160.3	0.0	335.0

