

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087533.D
 Acq On : 13 Aug 2025 14:29
 Operator : JC\MD
 Sample : Q2816-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1060-FB080725

Quant Time: Aug 14 04:00:43 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)

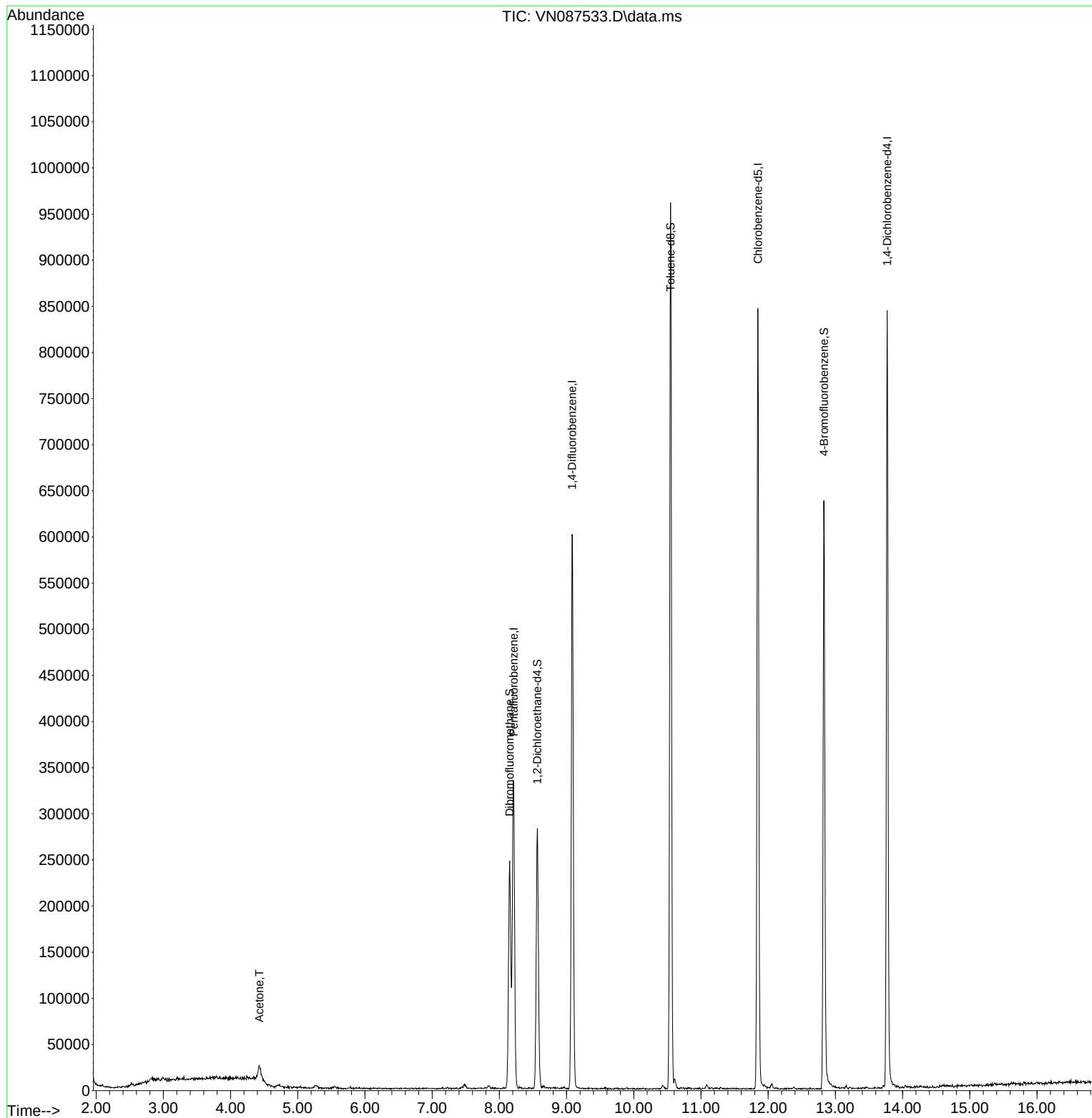
Internal Standards						
1) Pentafluorobenzene	8.212	168	221955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	492245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	450681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	234128	62.167	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	124.340%	
35) Dibromofluoromethane	8.153	113	168497	49.624	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.240%	
50) Toluene-d8	10.547	98	629280	51.954	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.900%	
62) 4-Bromofluorobenzene	12.829	95	225507	50.394	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.780%	
Target Compounds						
16) Acetone	4.430	43	27489	15.567	ug/l	Qvalue 97

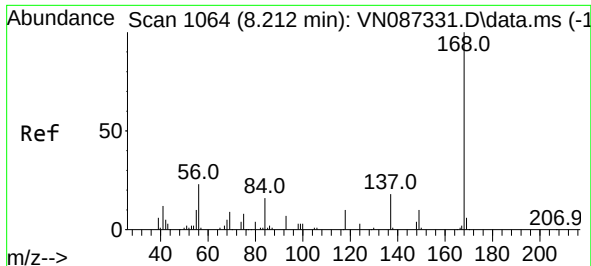
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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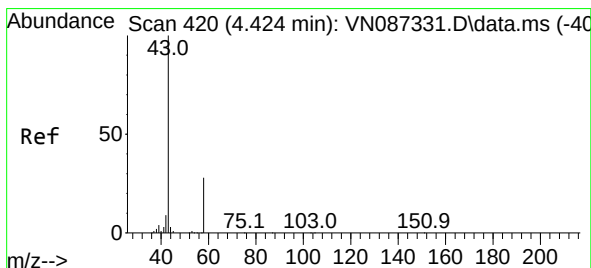
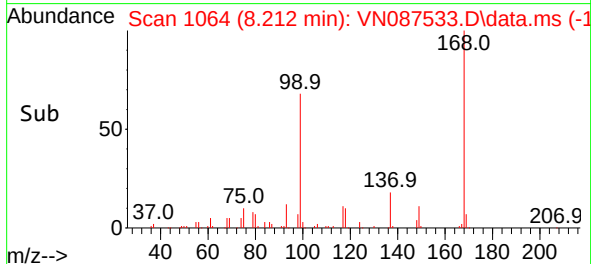
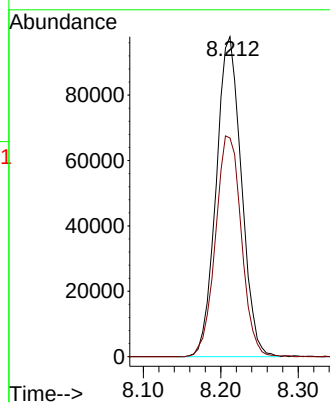
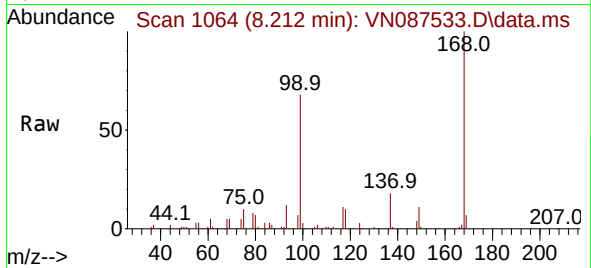




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

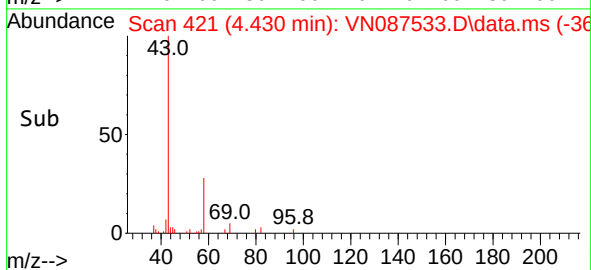
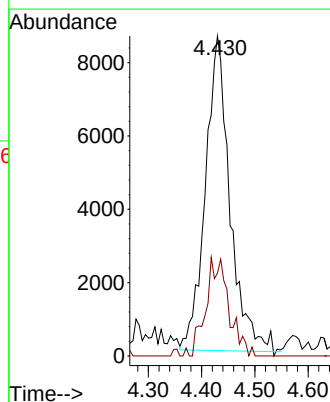
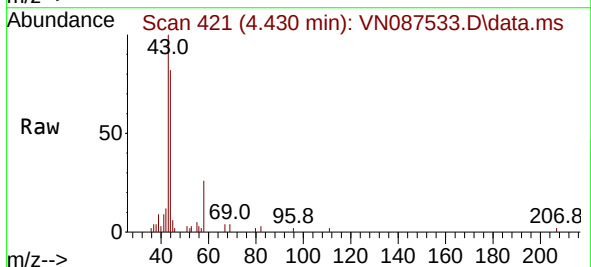
Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

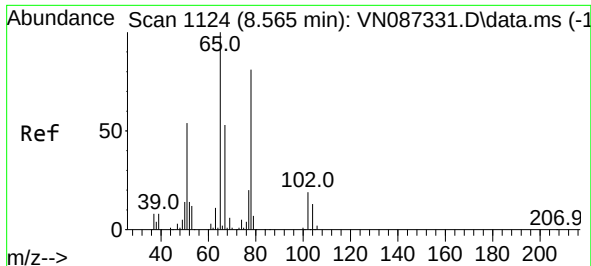
Tgt Ion:168 Resp: 221955
Ion Ratio Lower Upper
168 100
99 68.3 47.9 71.9



#16
Acetone
Concen: 15.567 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Tgt Ion: 43 Resp: 27489
Ion Ratio Lower Upper
43 100
58 26.4 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 62.167 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087533.D

Acq: 13 Aug 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

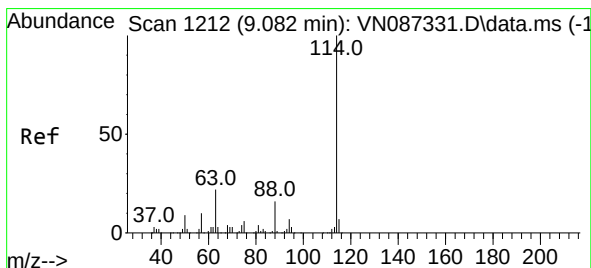
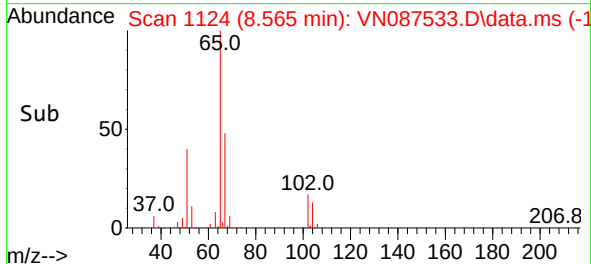
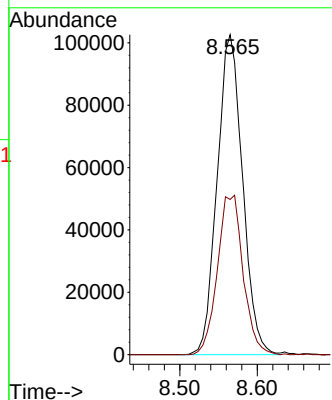
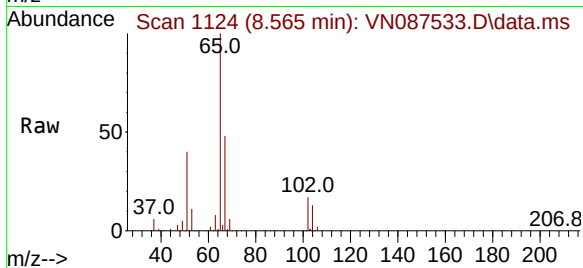
1060-FB080725

Tgt Ion: 65 Resp: 234128

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087533.D

Acq: 13 Aug 2025 14:29

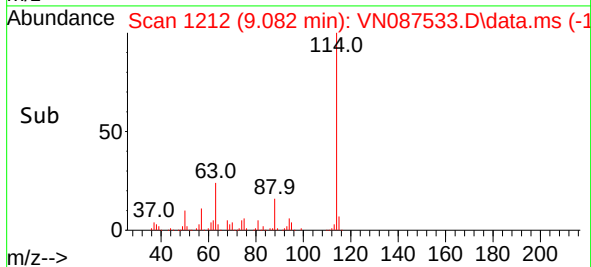
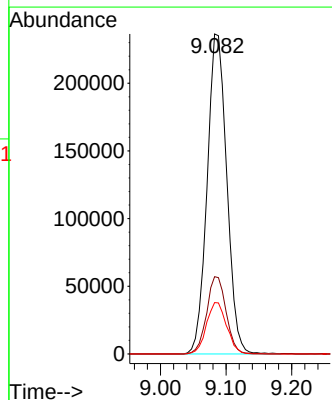
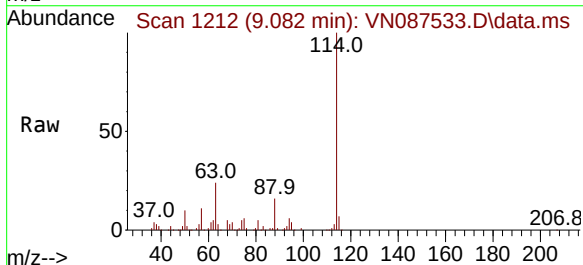
Tgt Ion: 114 Resp: 492245

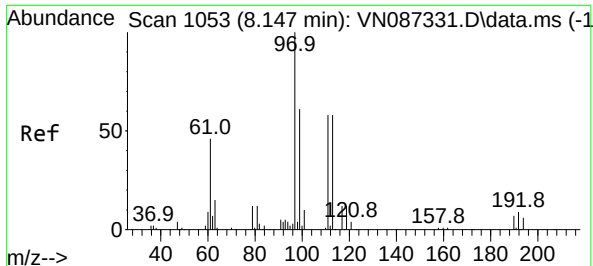
Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.6

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.624 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087533.D

Acq: 13 Aug 2025 14:29

Instrument :

MSVOA_N

ClientSampleId :

1060-FB080725

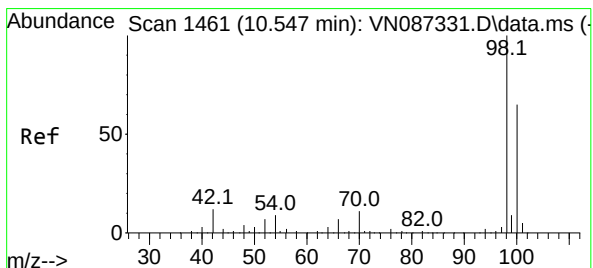
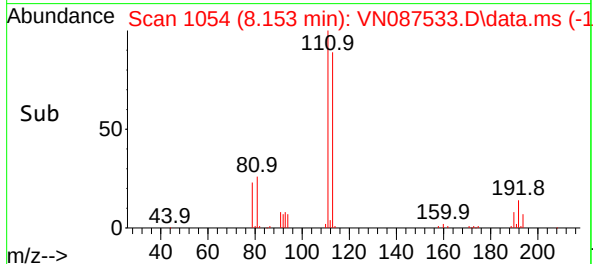
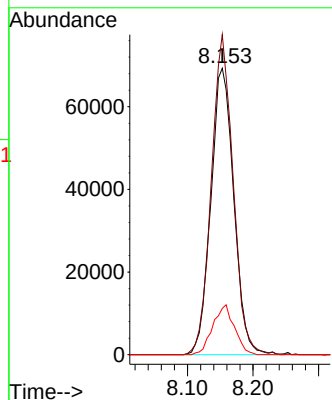
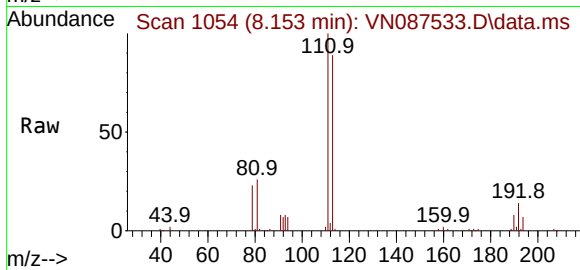
Tgt Ion:113 Resp: 168497

Ion Ratio Lower Upper

113 100

111 105.8 82.5 123.7

192 16.4 13.7 20.5



#50

Toluene-d8

Concen: 51.954 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087533.D

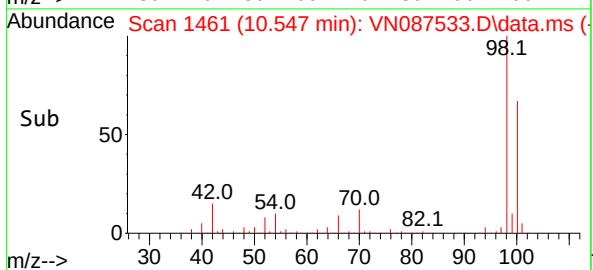
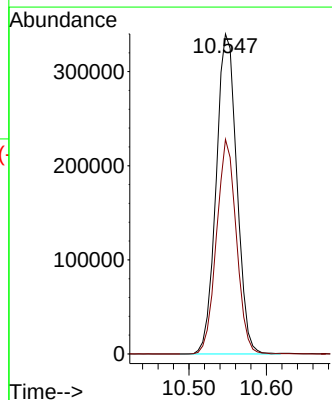
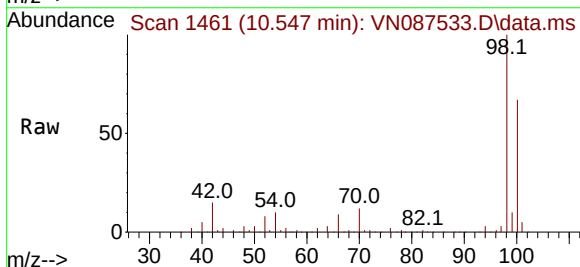
Acq: 13 Aug 2025 14:29

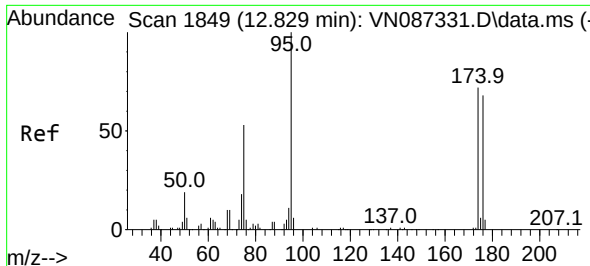
Tgt Ion: 98 Resp: 629280

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

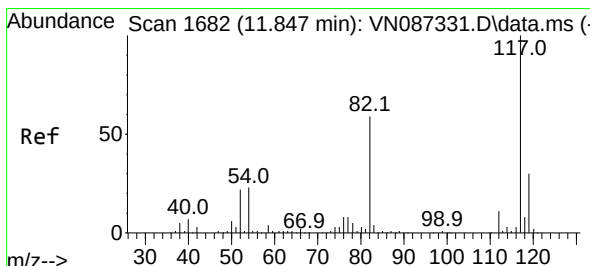
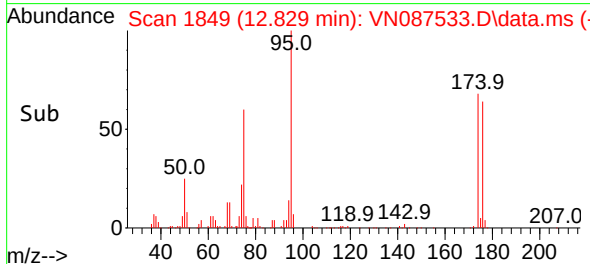
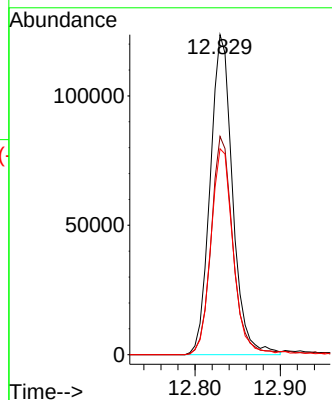
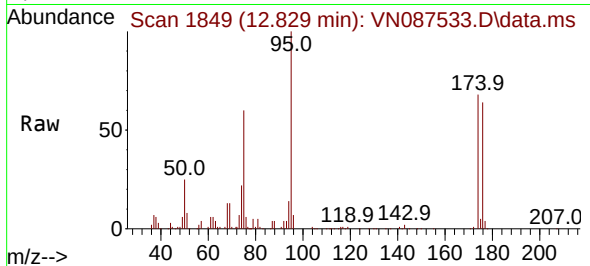




#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

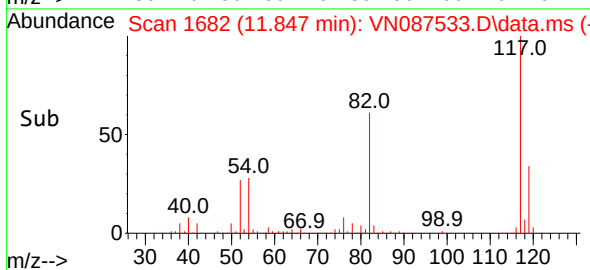
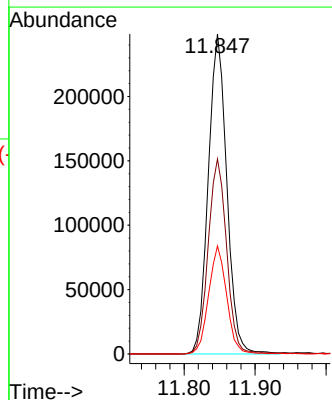
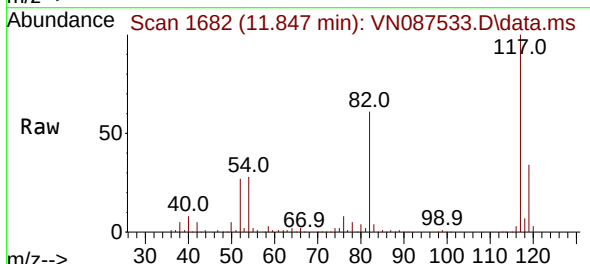
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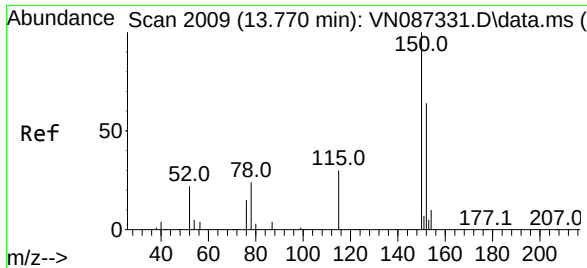
Tgt Ion: 95 Resp: 225507
Ion Ratio Lower Upper
95 100
174 66.9 0.0 149.4
176 64.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

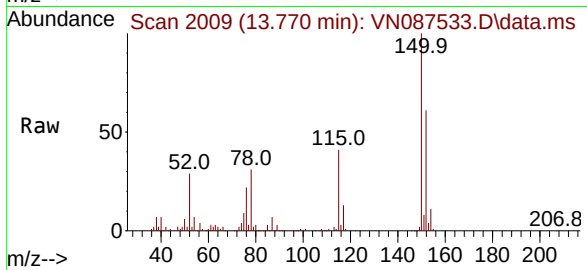
Tgt Ion: 117 Resp: 450681
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 33.7 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087533.D
 Acq: 13 Aug 2025 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 1060-FB080725



Tgt Ion:152 Resp: 210279
 Ion Ratio Lower Upper
 152 100
 115 65.9 31.1 93.5
 150 159.1 0.0 349.0

