

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087995.D
 Acq On : 30 Sep 2025 12:10
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 01 04:41:02 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	8.206	168	164627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	365791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	354797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	169934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	162501	58.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.300%
35) Dibromofluoromethane	8.147	113	136814	51.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.547	98	469087	50.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.829	95	161878	48.490	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.980%

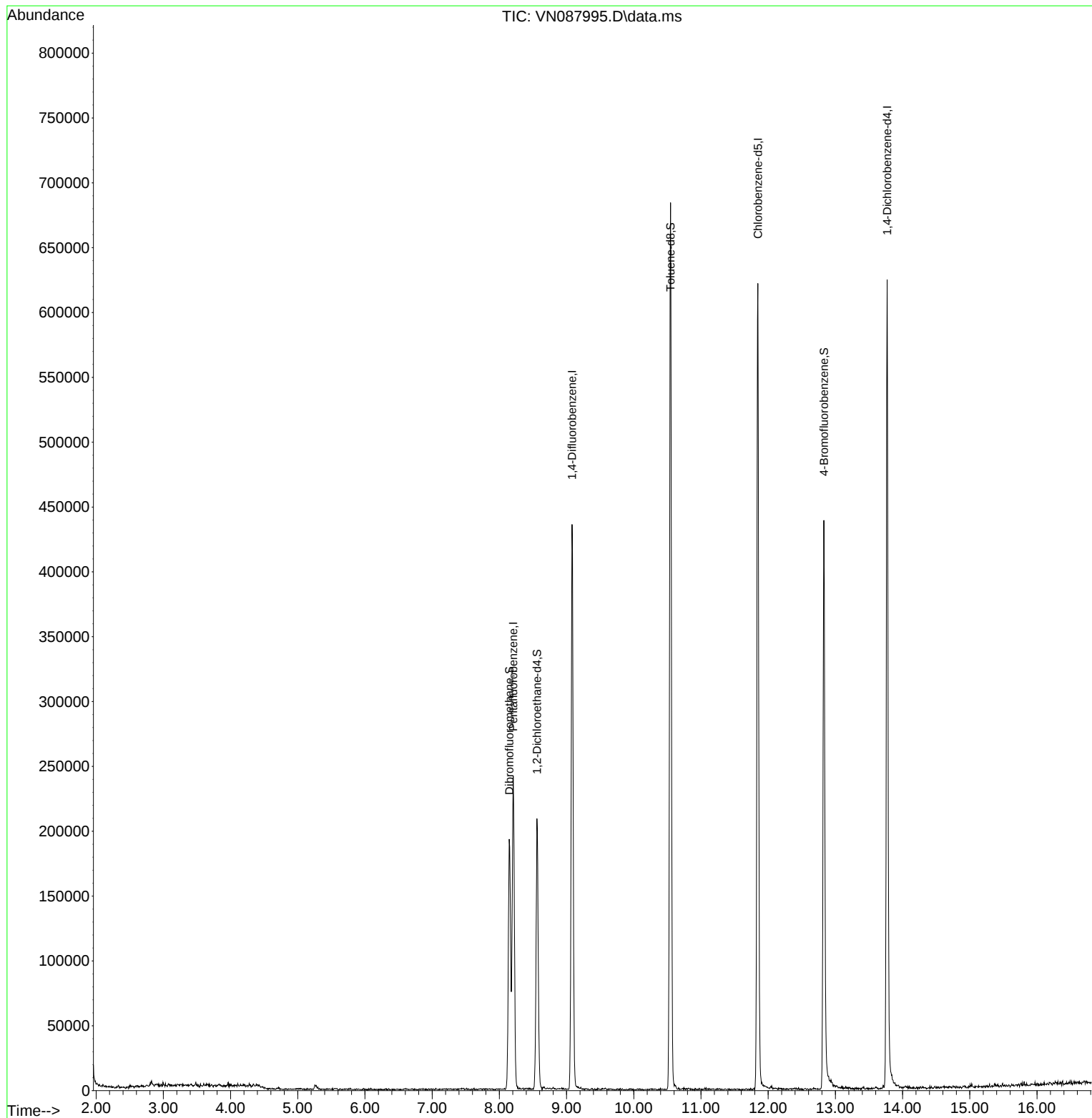
Target Compounds	Qvalue

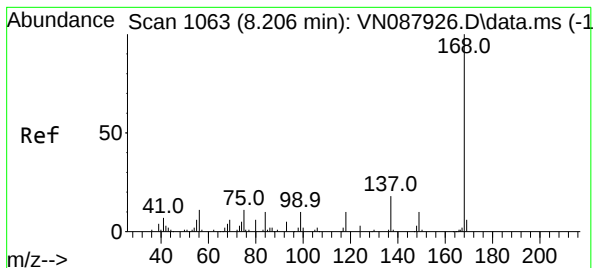
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
Data File : VN087995.D
Acq On : 30 Sep 2025 12:10
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 01 04:41:02 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087995.D

Acq: 30 Sep 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

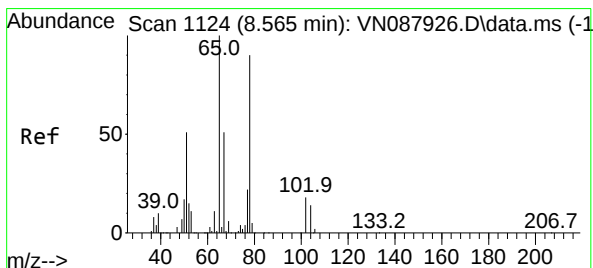
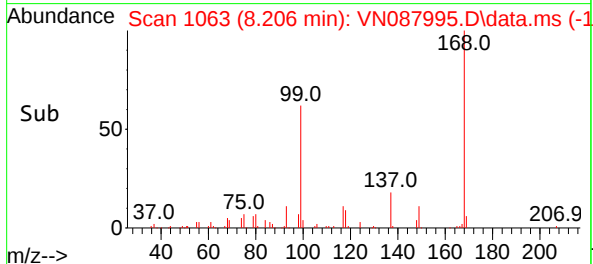
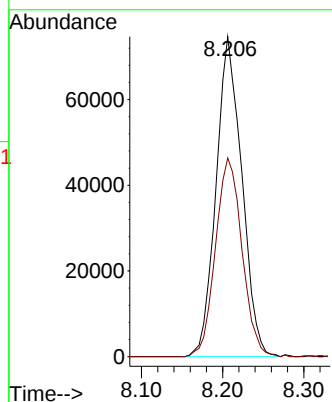
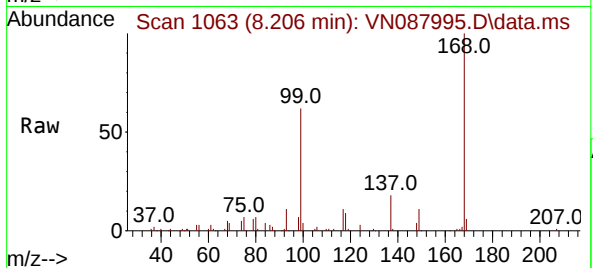
IBLK

Tgt Ion:168 Resp: 164627

Ion Ratio Lower Upper

168 100

99 62.1 52.2 78.2



#33

1,2-Dichloroethane-d4

Concen: 58.653 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087995.D

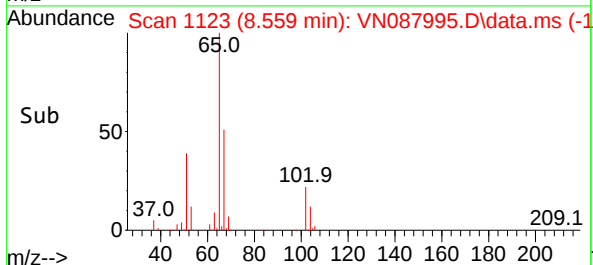
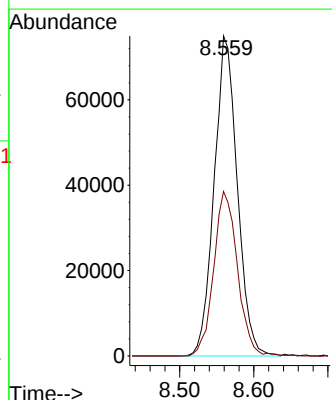
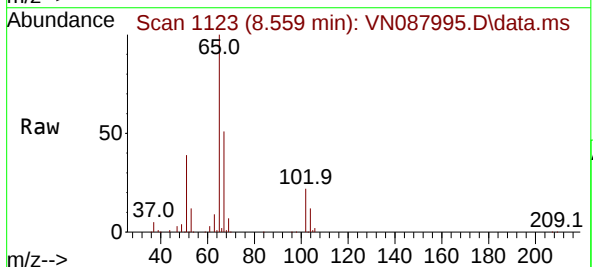
Acq: 30 Sep 2025 12:10

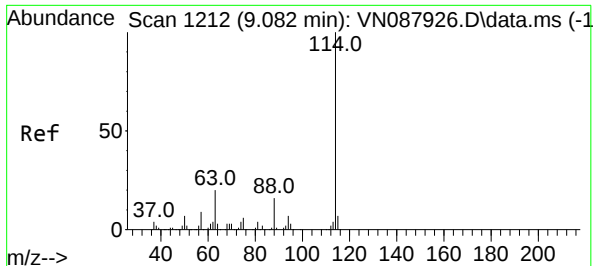
Tgt Ion: 65 Resp: 162501

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087995.D

Acq: 30 Sep 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

IBLK

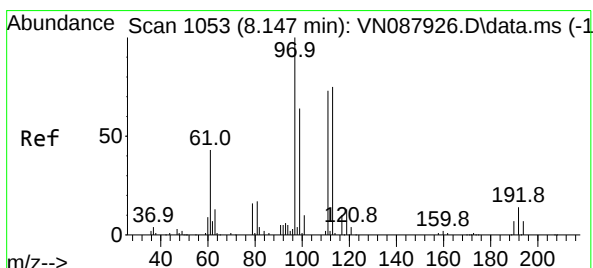
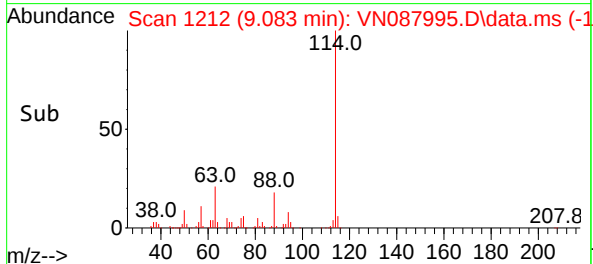
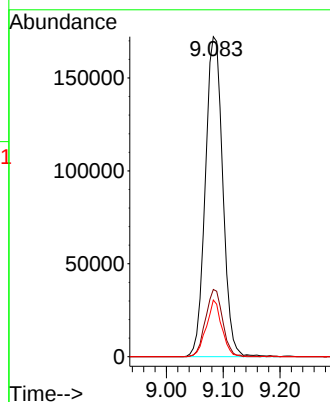
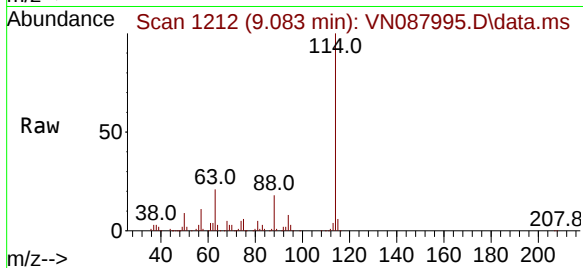
Tgt Ion:114 Resp: 365791

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 17.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.514 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087995.D

Acq: 30 Sep 2025 12:10

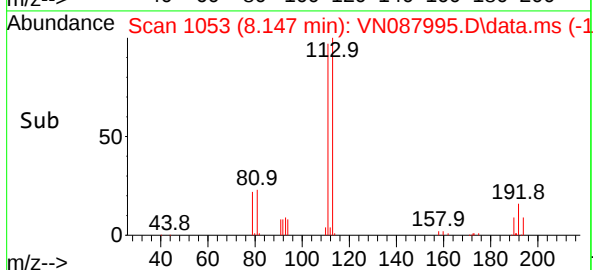
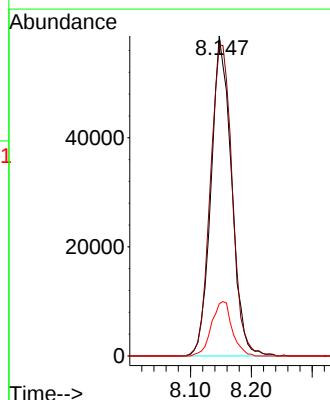
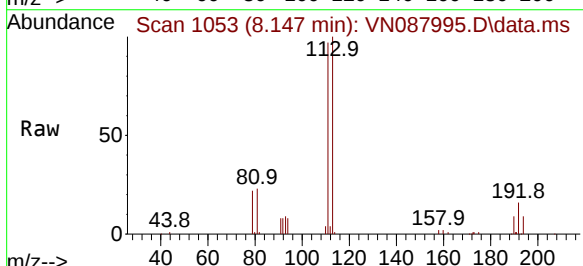
Tgt Ion:113 Resp: 136814

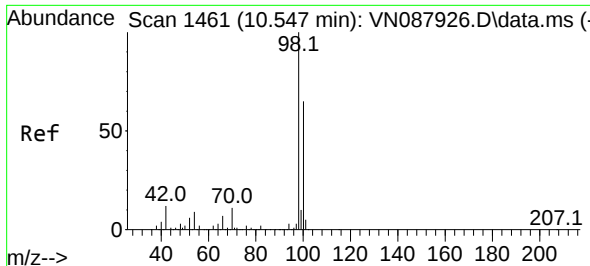
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 17.1 14.2 21.2

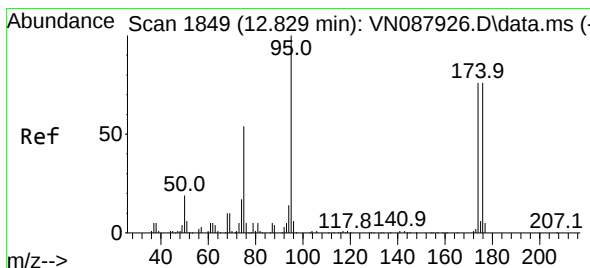
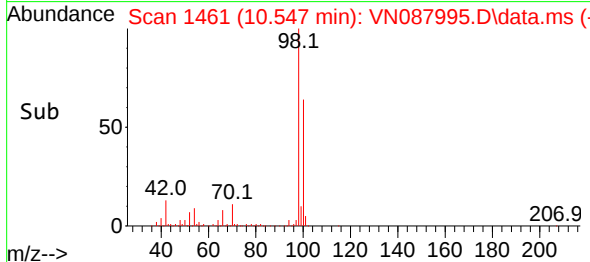
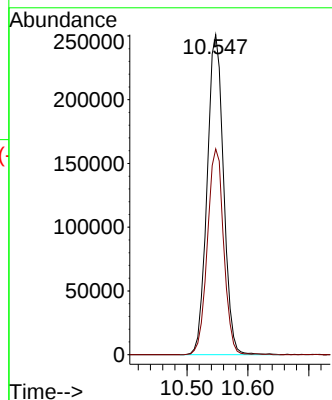
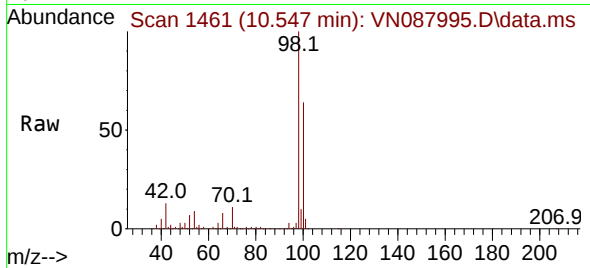




#50
Toluene-d8
Concen: 50.226 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087995.D
Acq: 30 Sep 2025 12:10

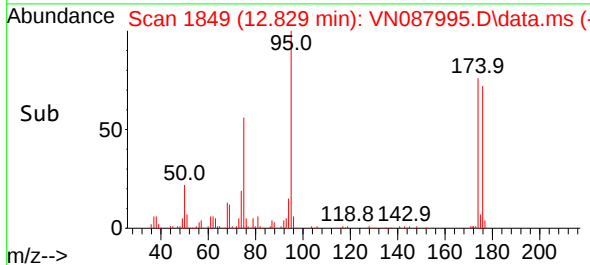
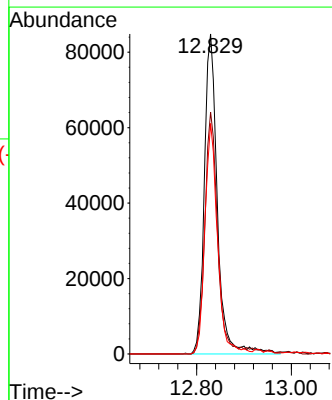
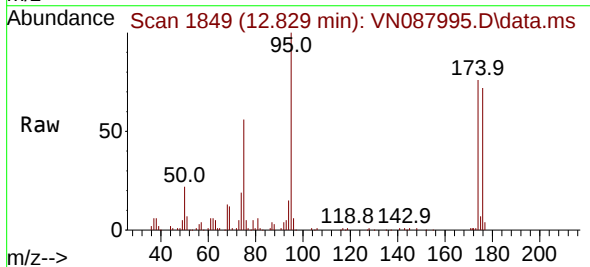
Instrument :
MSVOA_N
ClientSampleId :
IBLK

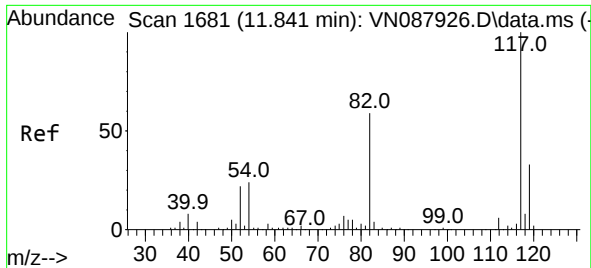
Tgt Ion: 98 Resp: 469087
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.490 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087995.D
Acq: 30 Sep 2025 12:10

Tgt Ion: 95 Resp: 161878
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.2
176 70.3 0.0 152.6

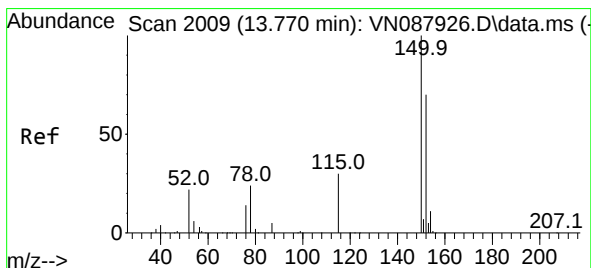
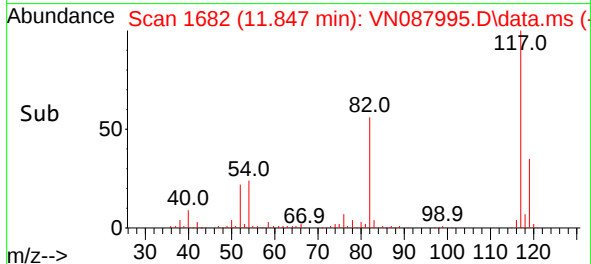
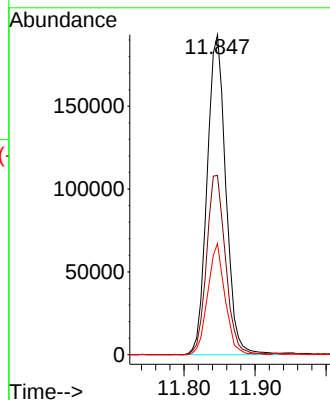
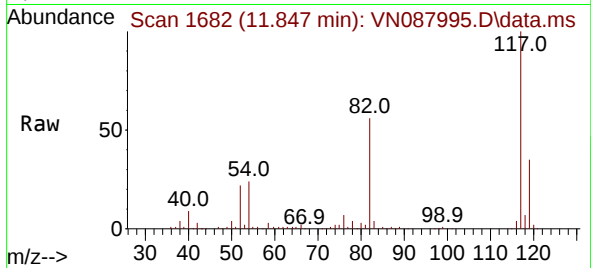




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087995.D
Acq: 30 Sep 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 354797
Ion Ratio Lower Upper
117 100
82 56.0 47.0 70.4
119 34.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087995.D
Acq: 30 Sep 2025 12:10

Tgt Ion:152 Resp: 169934
Ion Ratio Lower Upper
152 100
115 61.7 29.9 89.7
150 158.1 0.0 335.0

