

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087956.D
 Acq On : 25 Sep 2025 15:45
 Operator : JC\MD
 Sample : Q3179-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-01

Quant Time: Sep 26 07:32:58 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)

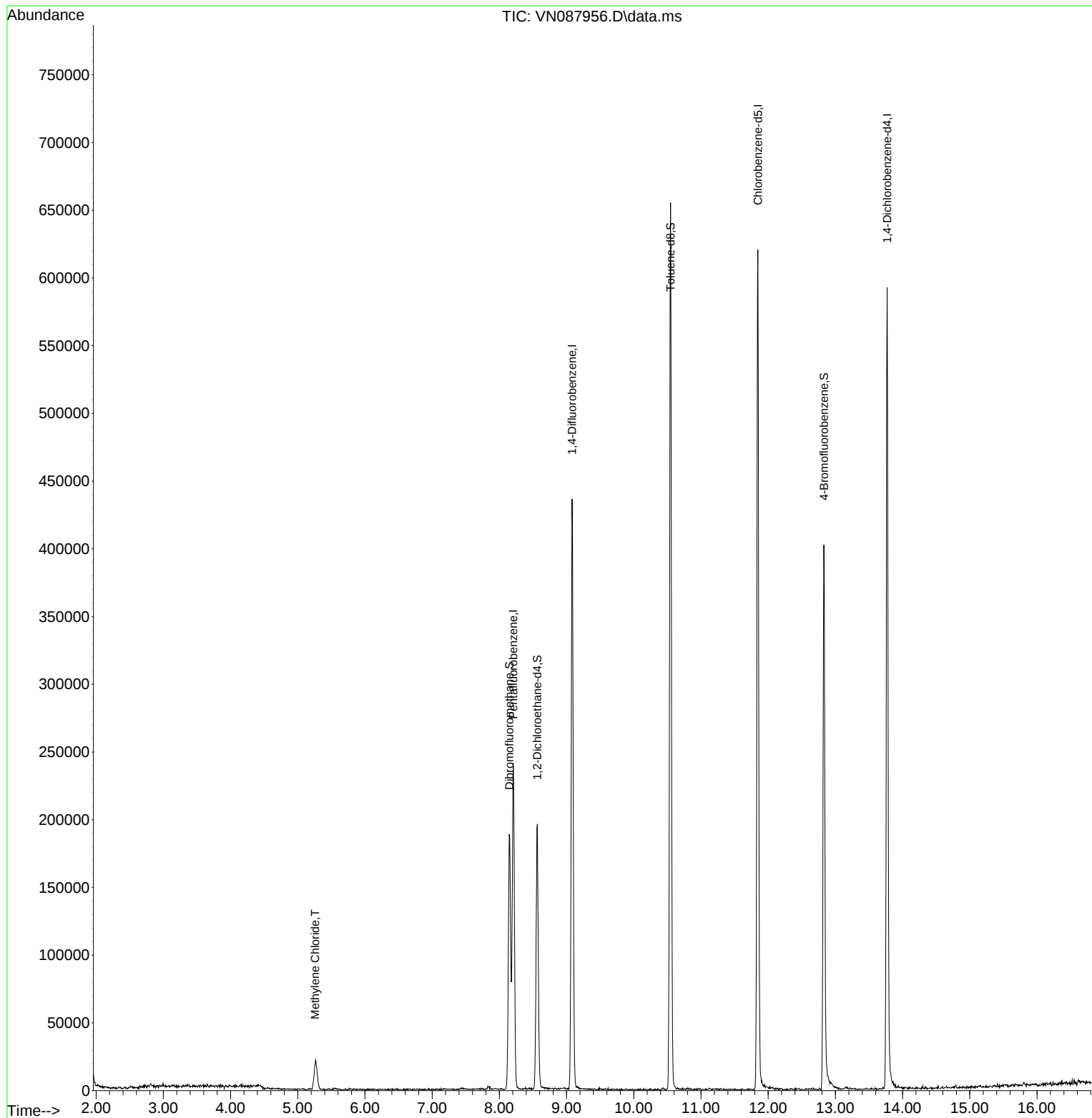
Internal Standards						
1) Pentafluorobenzene	8.206	168	165132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	364672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	356852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	166506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	155058	55.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	8.147	113	134371	50.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	10.547	98	443603	47.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.829	95	144724	43.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.960%
Target Compounds						
20) Methylene Chloride	5.259	84	17513	7.567	ug/l	Qvalue 86

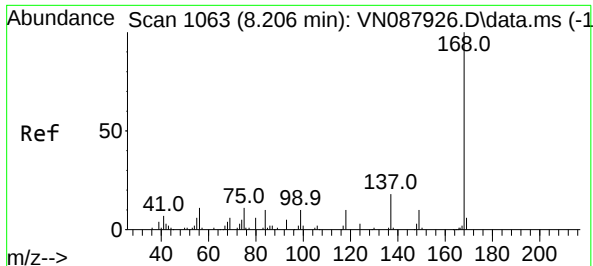
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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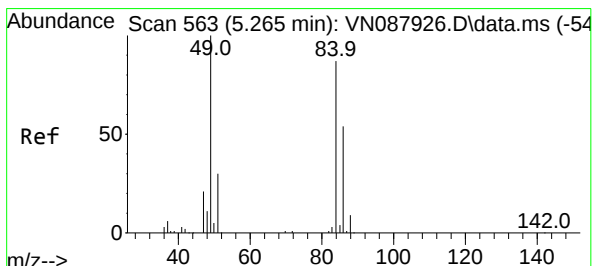
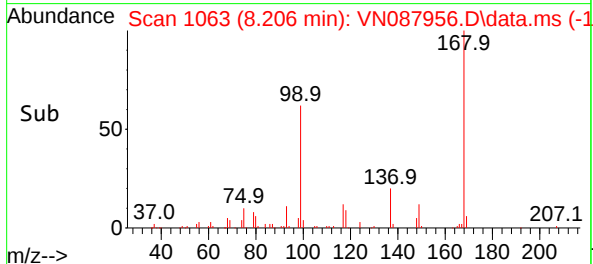
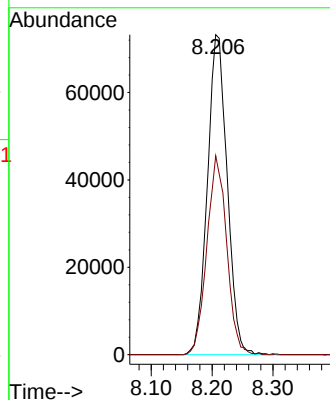
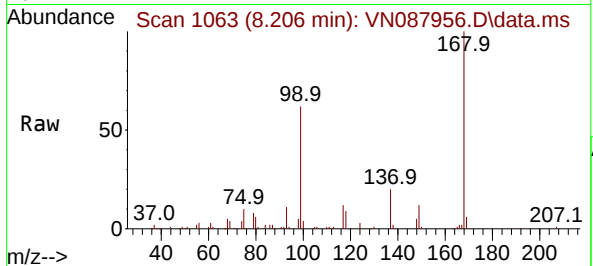




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087956.D
Acq: 25 Sep 2025 15:45

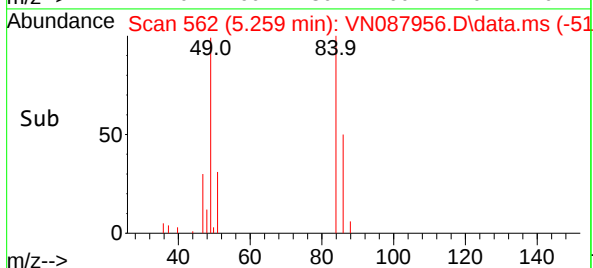
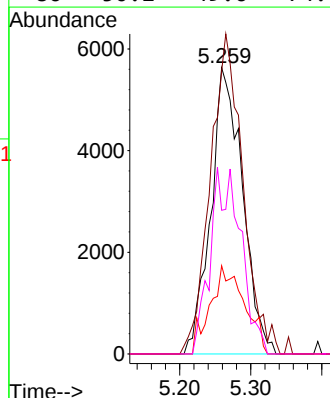
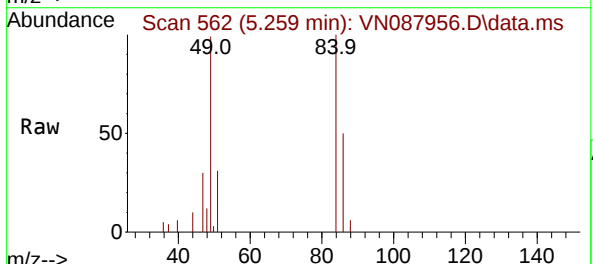
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01

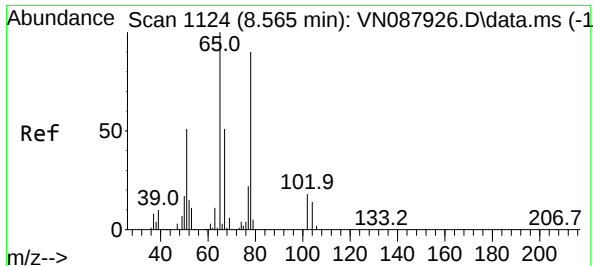
Tgt Ion:168 Resp: 165132
Ion Ratio Lower Upper
168 100
99 62.2 52.2 78.2



#20
Methylene Chloride
Concen: 7.567 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087956.D
Acq: 25 Sep 2025 15:45

Tgt Ion: 84 Resp: 17513
Ion Ratio Lower Upper
84 100
49 98.8 92.1 138.1
51 30.8 27.7 41.5
86 50.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 55.795 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087956.D

Acq: 25 Sep 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

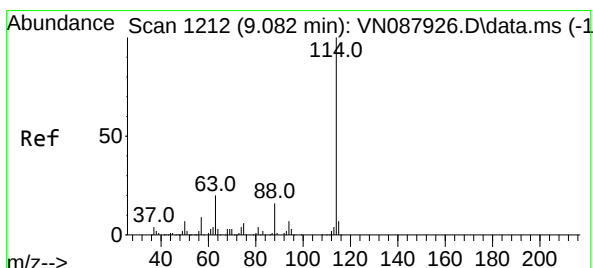
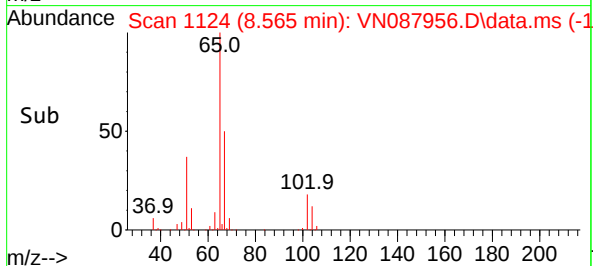
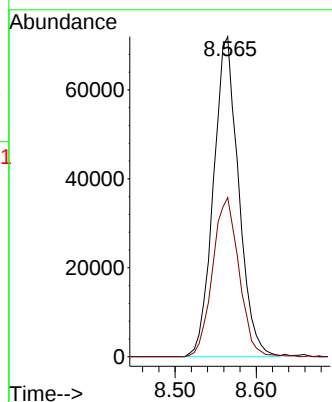
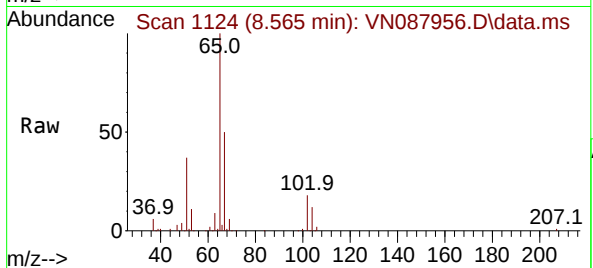
EME-TS14-01

Tgt Ion: 65 Resp: 155058

Ion Ratio Lower Upper

65 100

67 52.2 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: VN087956.D

Acq: 25 Sep 2025 15:45

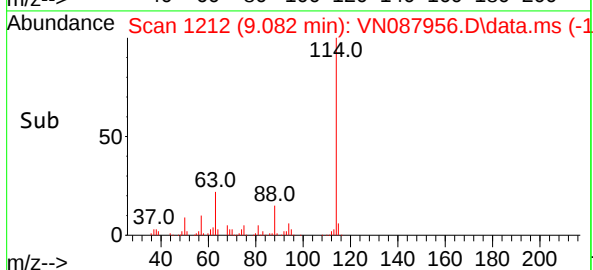
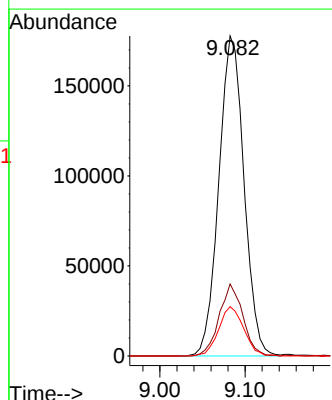
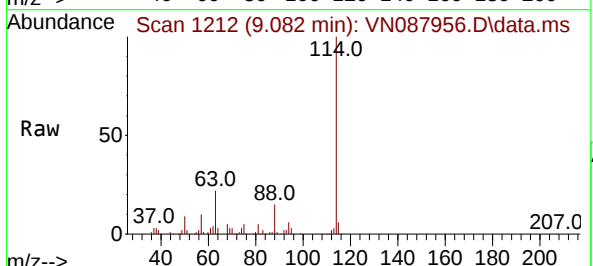
Tgt Ion: 114 Resp: 364672

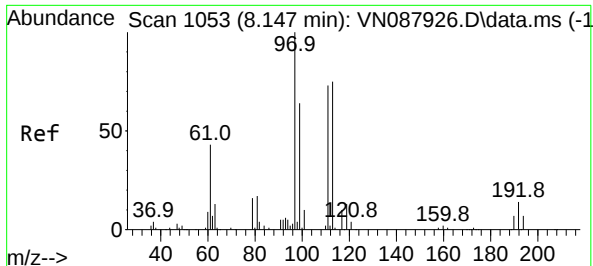
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.750 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087956.D

Acq: 25 Sep 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-01

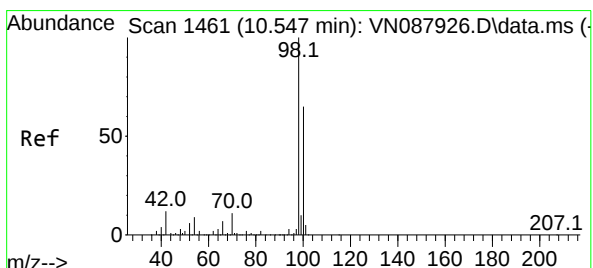
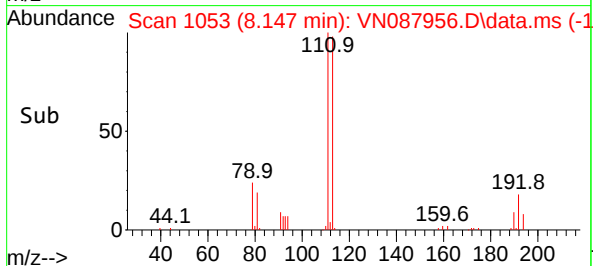
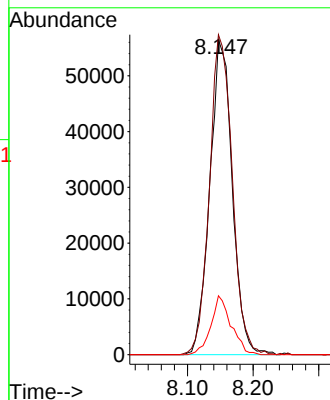
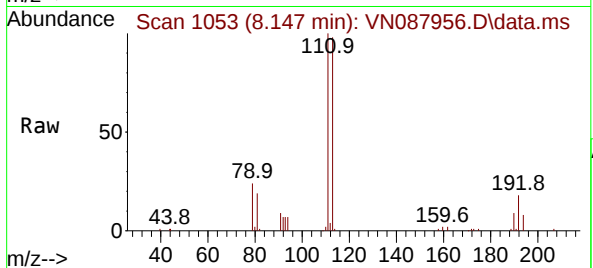
Tgt Ion:113 Resp: 134371

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 16.9 14.2 21.2



#50

Toluene-d8

Concen: 47.643 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087956.D

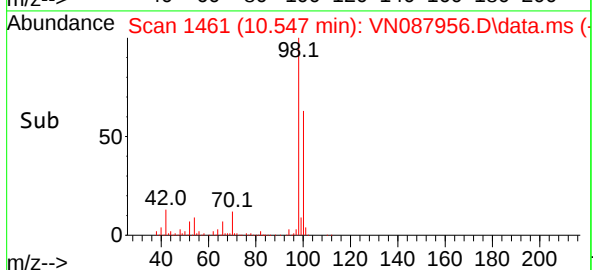
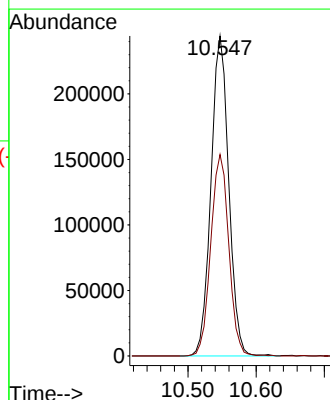
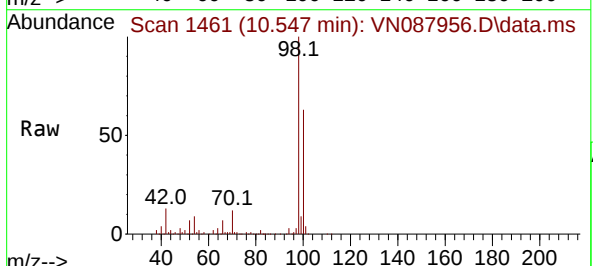
Acq: 25 Sep 2025 15:45

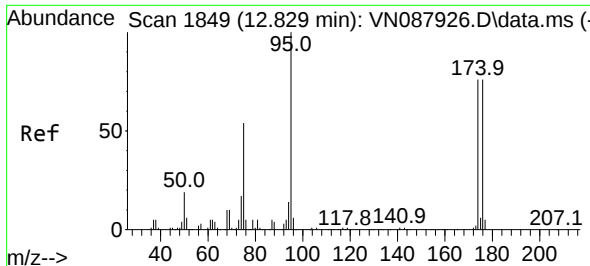
Tgt Ion: 98 Resp: 443603

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5

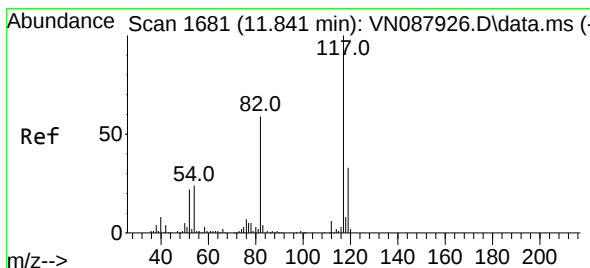
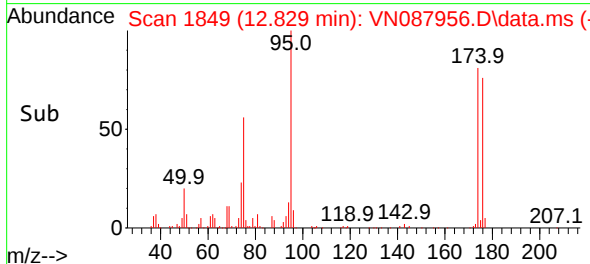
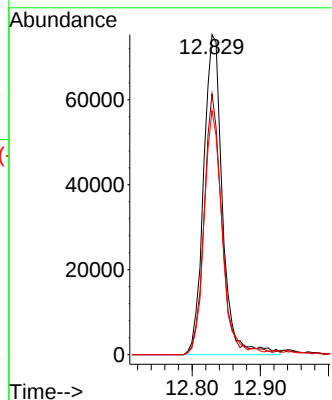
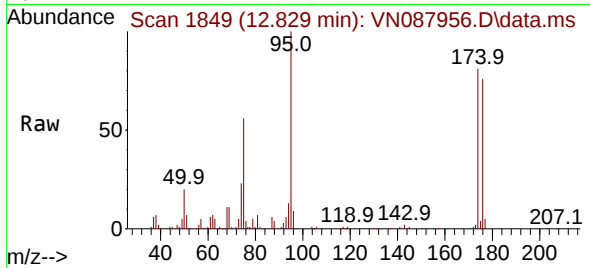




#62
4-Bromofluorobenzene
Concen: 43.484 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087956.D
Acq: 25 Sep 2025 15:45

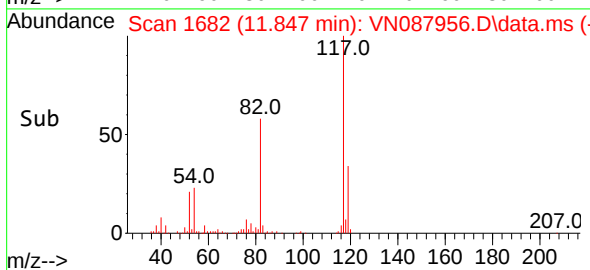
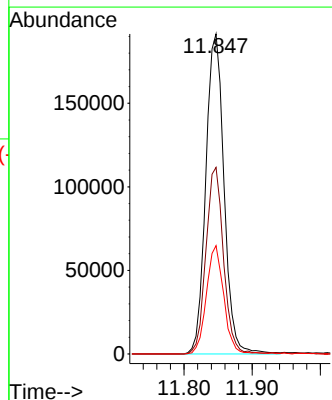
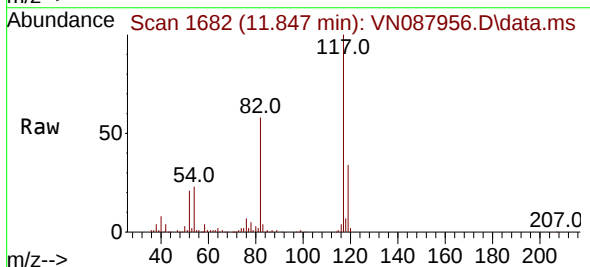
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MSVOA_N
ClientSampleId :
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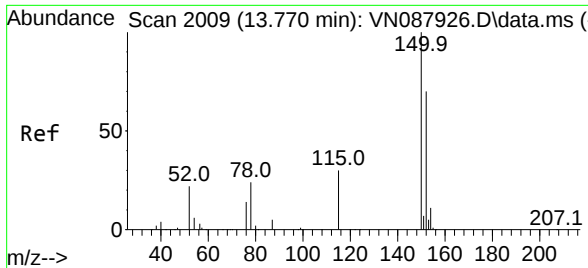
Tgt Ion: 95 Resp: 144724
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.2
176 73.4 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087956.D
Acq: 25 Sep 2025 15:45

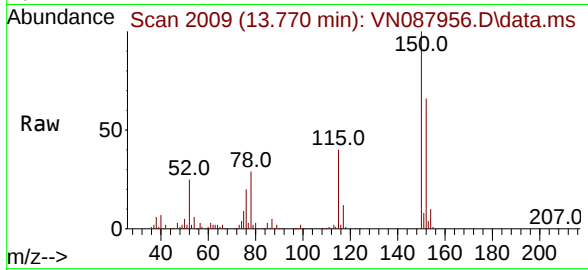
Tgt Ion: 117 Resp: 356852
Ion Ratio Lower Upper
117 100
82 58.3 47.0 70.4
119 33.9 26.1 39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087956.D
Acq: 25 Sep 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-01



Tgt Ion:152 Resp: 166506
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 152.4 0.0 335.0

