

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087955.D
 Acq On : 25 Sep 2025 15:24
 Operator : JC\MD
 Sample : Q3177-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS14-02

Quant Time: Sep 26 07:32:34 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)

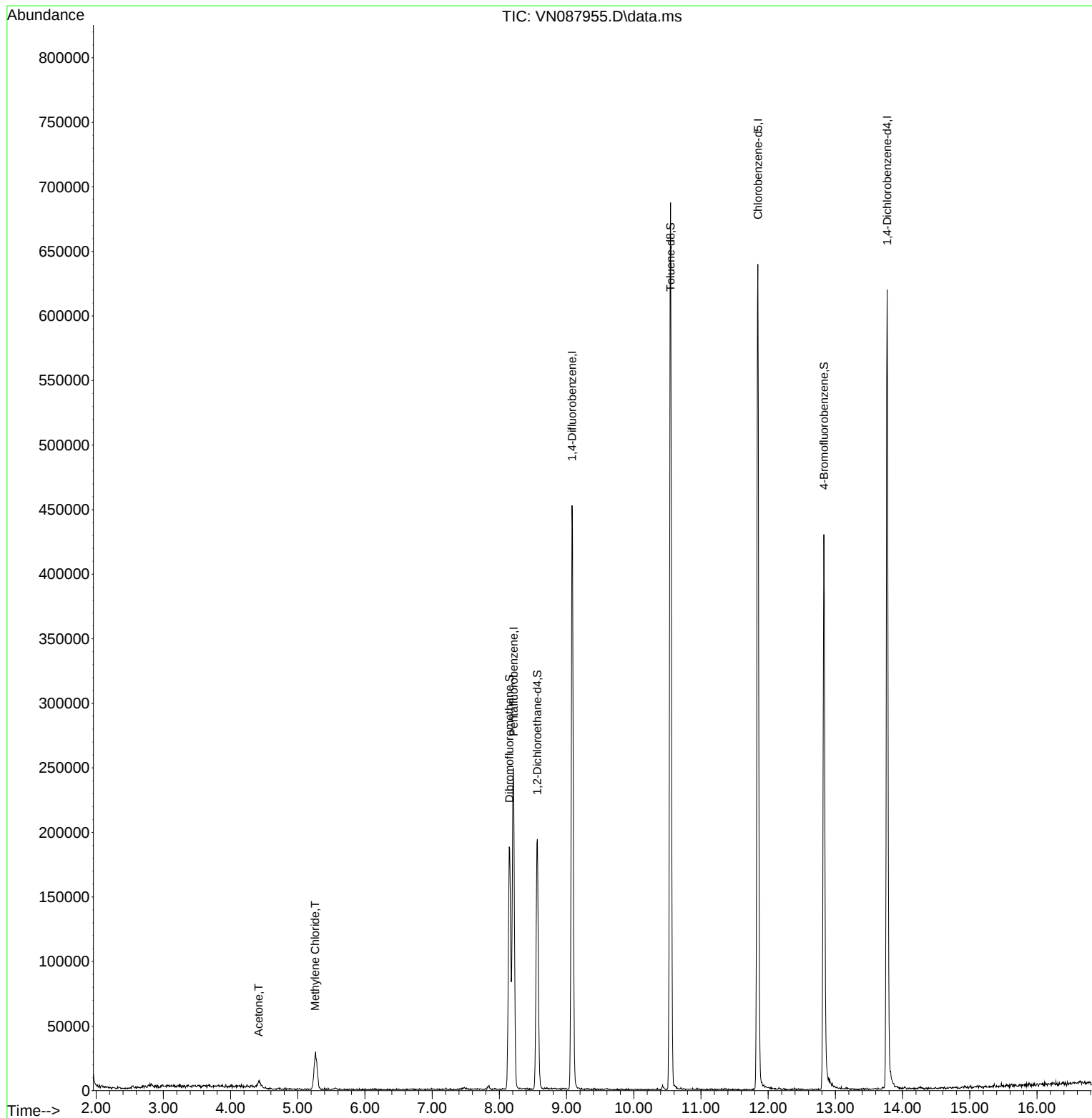
Internal Standards							
1) Pentafluorobenzene		8.212	168	173667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.082	114	381223	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.847	117	364834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.770	152	168811	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.565	65	160415	54.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.780%	
35) Dibromofluoromethane		8.147	113	138977	50.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%	
50) Toluene-d8		10.547	98	461273	47.390	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%	
62) 4-Bromofluorobenzene		12.829	95	153204	44.034	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.060%	
Target Compounds							
16) Acetone		4.418	43	9249	7.691	ug/l #	87
20) Methylene Chloride		5.259	84	22431	9.216	ug/l #	87

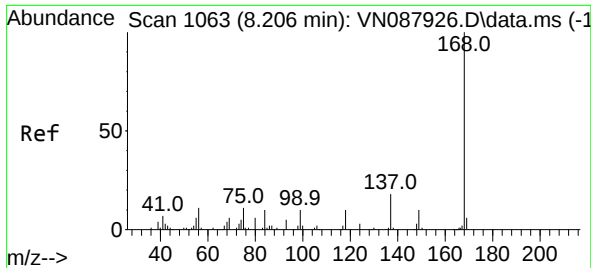
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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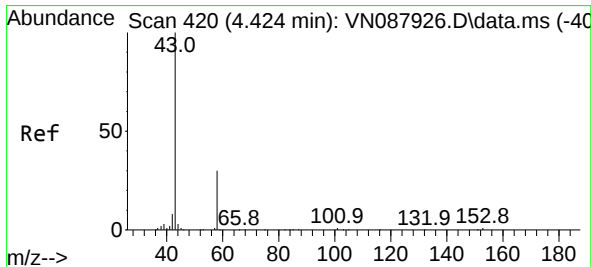
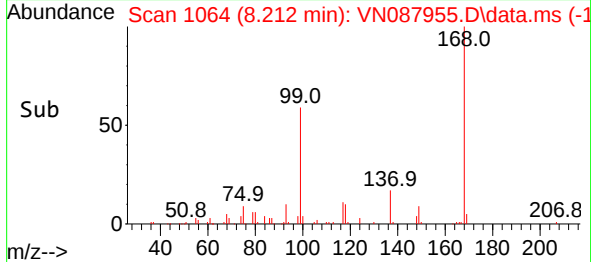
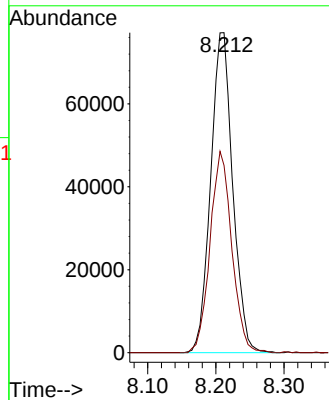
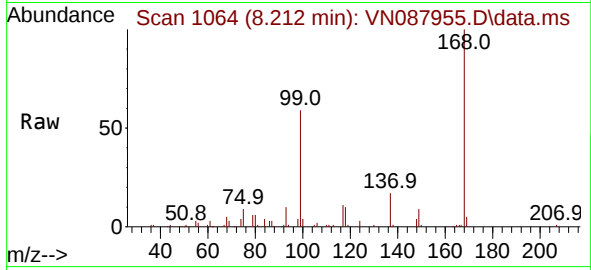




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

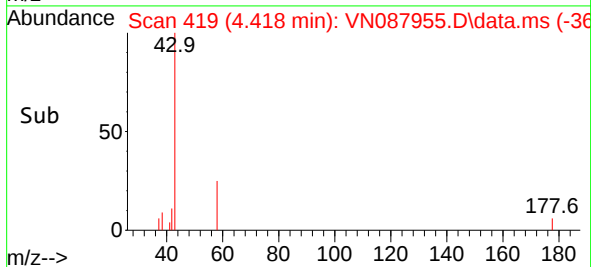
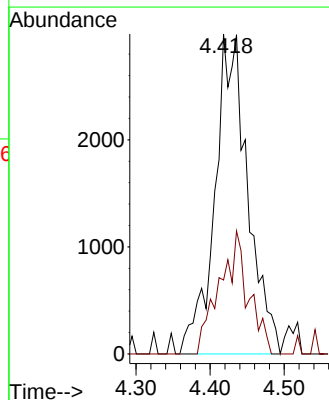
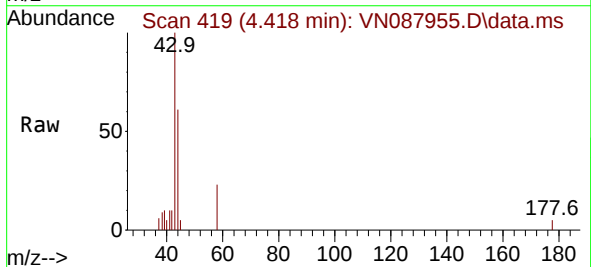
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-02

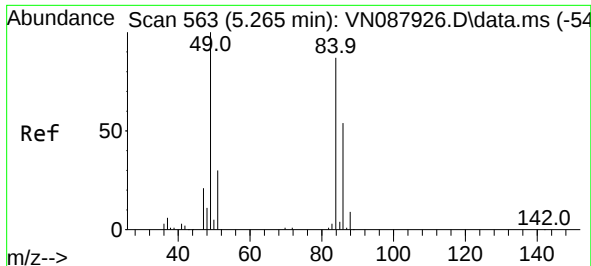
Tgt Ion:168 Resp: 173667
Ion Ratio Lower Upper
168 100
99 58.5 52.2 78.2



#16
Acetone
Concen: 7.691 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 43 Resp: 9249
Ion Ratio Lower Upper
43 100
58 23.1 24.1 36.1#

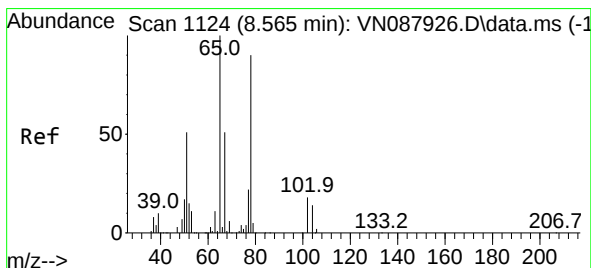
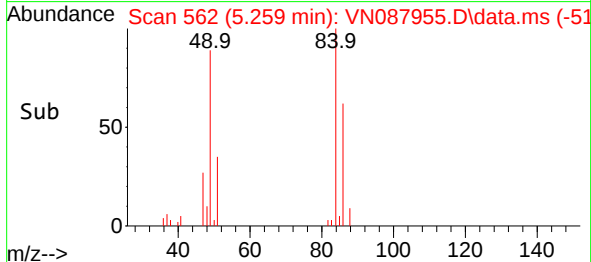
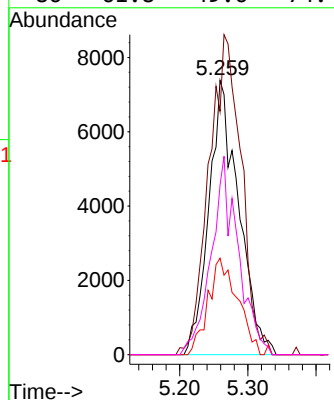
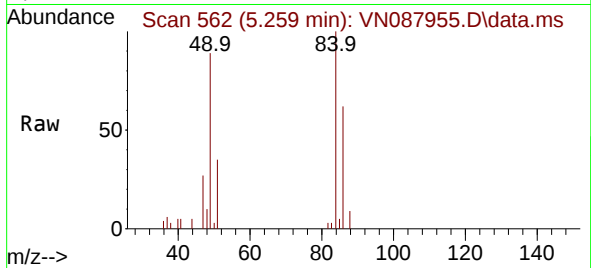




#20
Methylene Chloride
Concen: 9.216 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

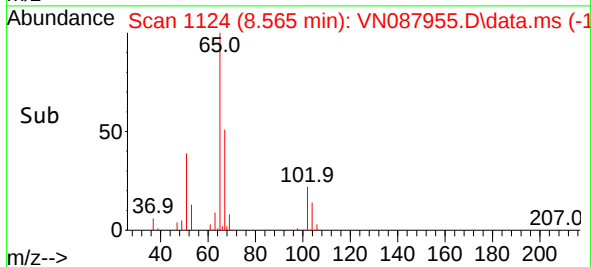
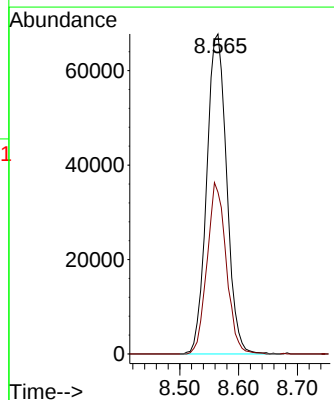
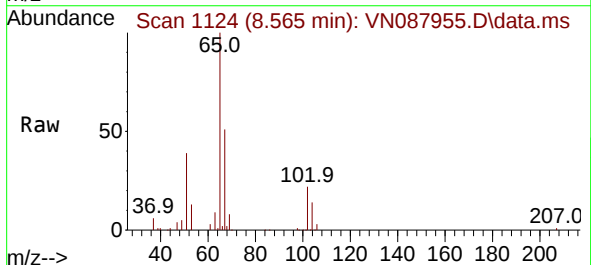
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-02

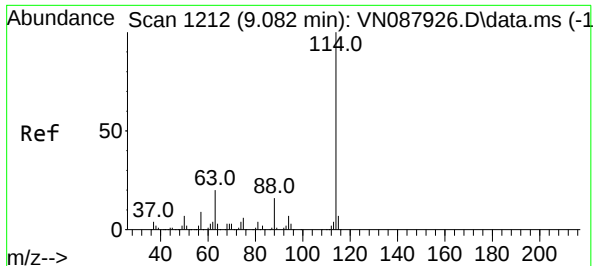
Tgt Ion:	84	Resp:	22431
Ion	Ratio	Lower	Upper
84	100		
49	88.7	92.1	138.1#
51	35.2	27.7	41.5
86	61.8	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 54.886 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

Tgt Ion:	65	Resp:	160415
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.4

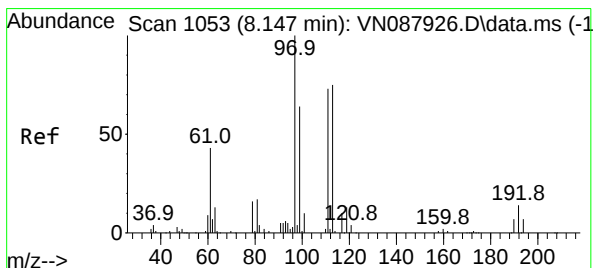
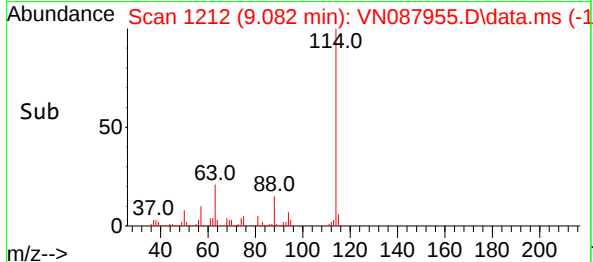
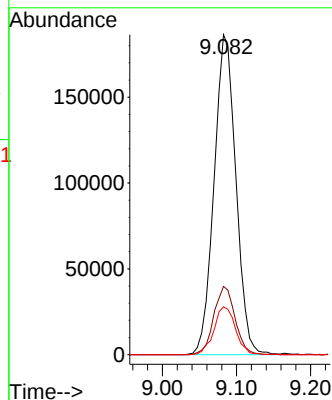
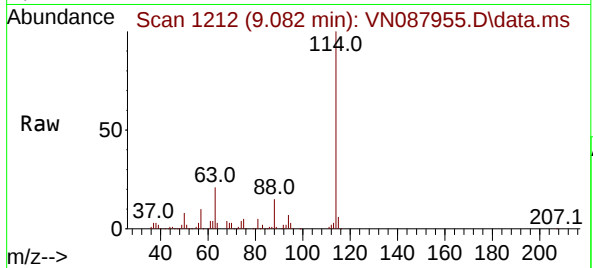




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

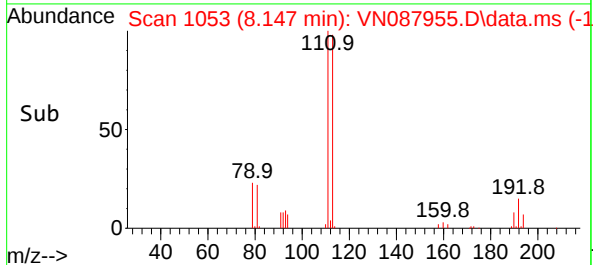
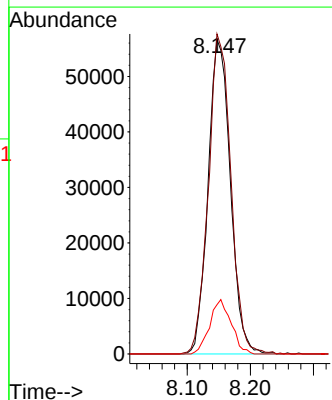
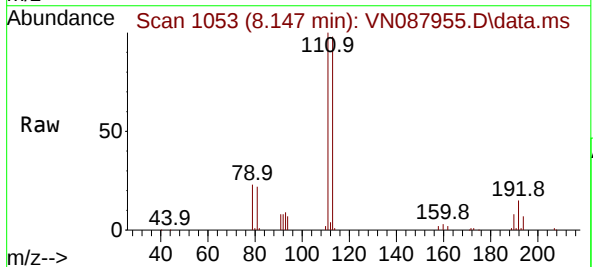
Instrument :
MSVOA_N
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EME-TS14-02

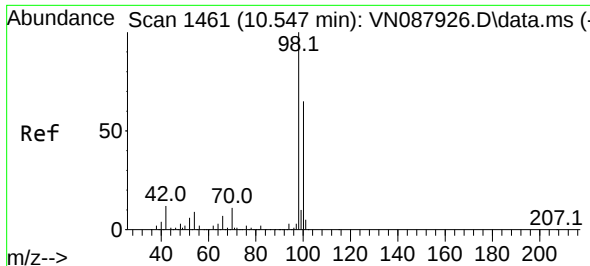
Tgt Ion:114 Resp: 381223
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

Tgt Ion:113 Resp: 138977
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 16.7 14.2 21.2

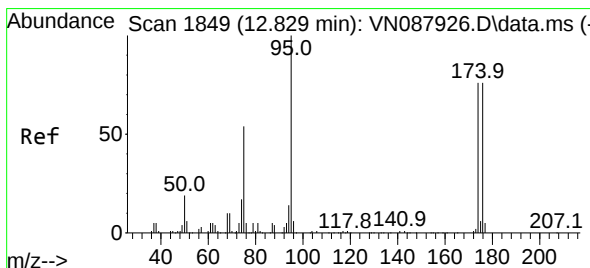
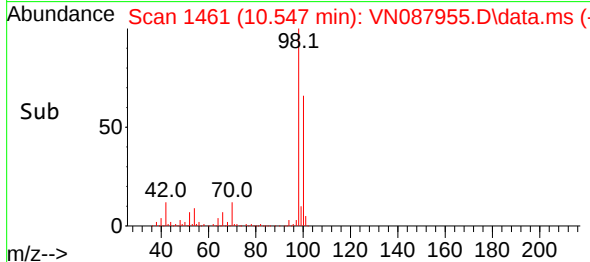
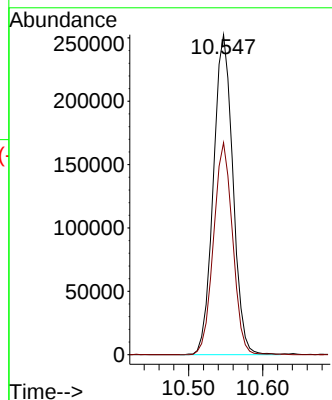
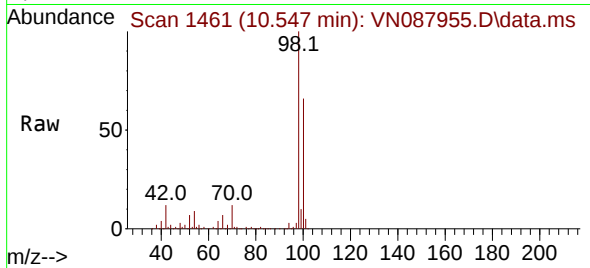




#50
Toluene-d8
Concen: 47.390 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

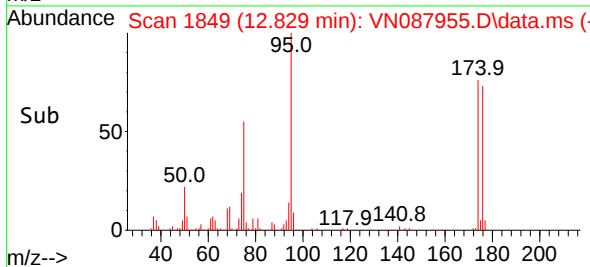
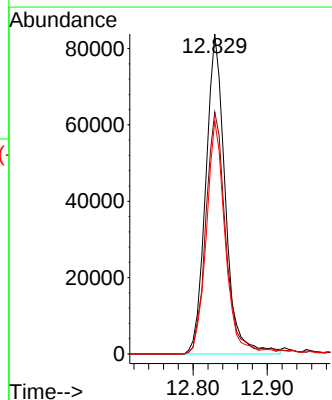
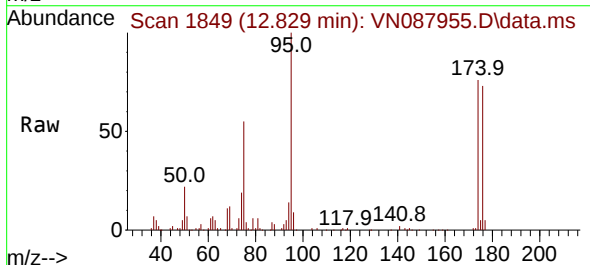
Instrument :
MSVOA_N
ClientSampleId :
EME-TS14-02

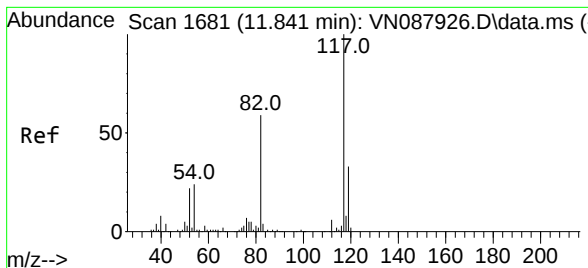
Tgt Ion: 98 Resp: 461273
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.034 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087955.D
Acq: 25 Sep 2025 15:24

Tgt Ion: 95 Resp: 153204
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.2
176 70.8 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087955.D

Acq: 25 Sep 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

EME-TS14-02

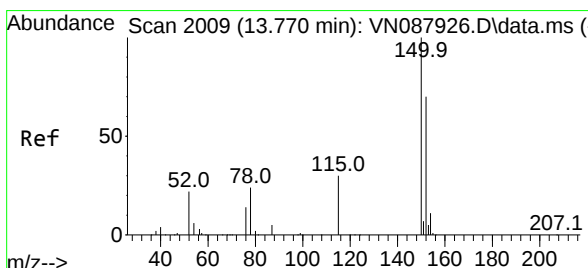
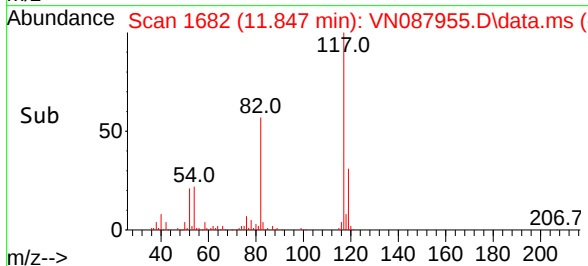
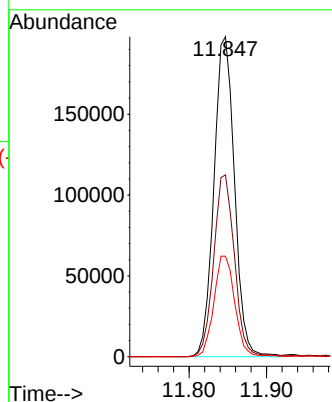
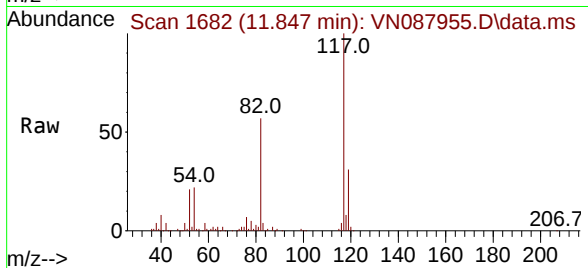
Tgt Ion:117 Resp: 364834

Ion Ratio Lower Upper

117 100

82 56.8 47.0 70.4

119 31.4 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: VN087955.D

Acq: 25 Sep 2025 15:24

Tgt Ion:152 Resp: 168811

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

150 160.5 0.0 335.0

