

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087839.D
 Acq On : 15 Sep 2025 15:43
 Operator : JC\MD
 Sample : Q3058-01ME
 Misc : 6.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RPXY5ME

Quant Time: Sep 16 01:41:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

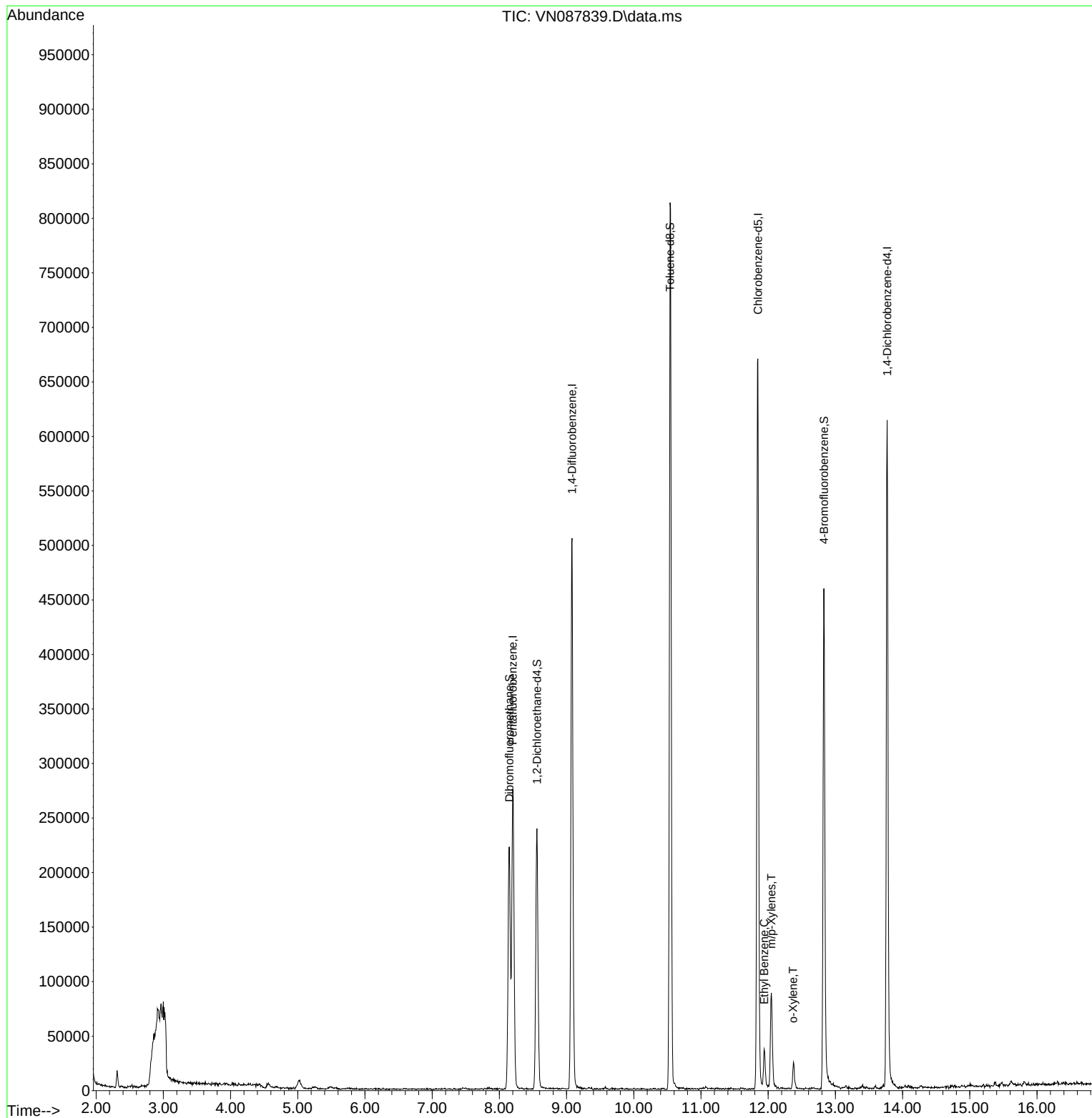
Internal Standards						
1) Pentafluorobenzene	8.200	168	191442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	434787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	170499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	198573	50.625	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.147	113	158865	50.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.220%			
50) Toluene-d8	10.541	98	549825	46.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.600%			
62) 4-Bromofluorobenzene	12.829	95	166435	39.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 79.660%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.941	91	25828	1.551	ug/l	96
68) m/p-Xylenes	12.047	106	28891	4.730	ug/l	94
69) o-Xylene	12.370	106	7729	1.291	ug/l	78

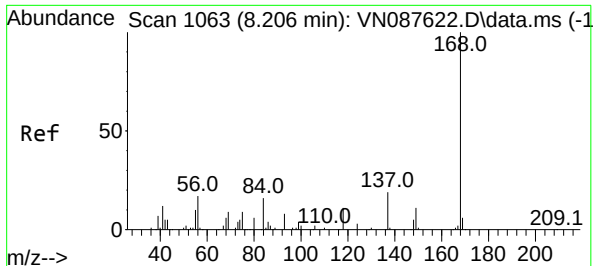
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

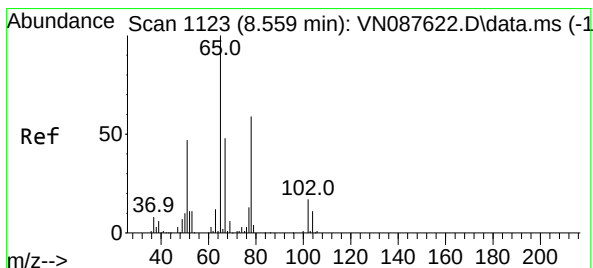
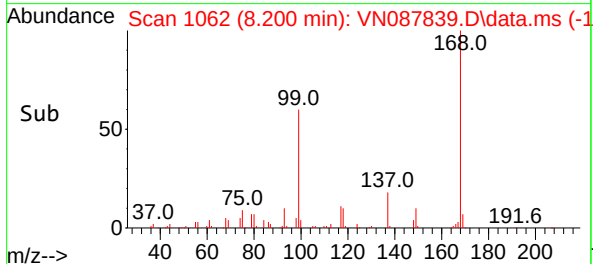
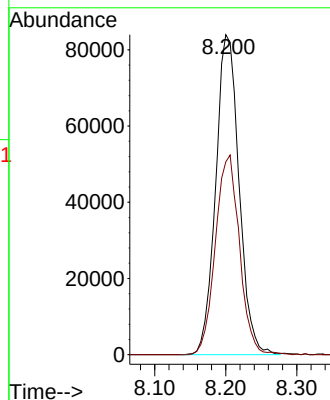
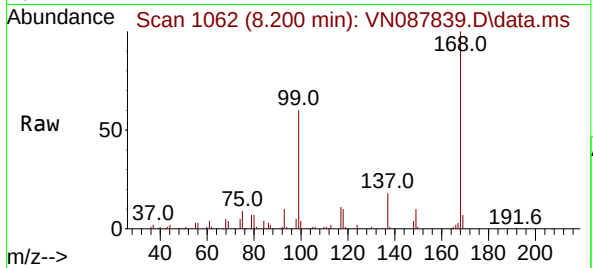




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

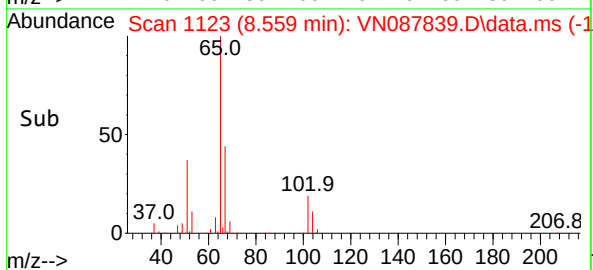
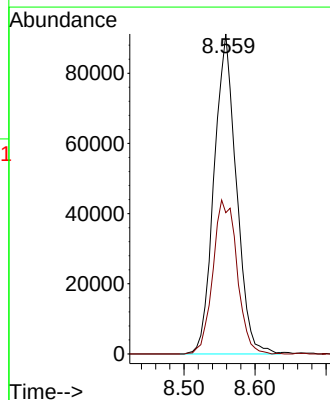
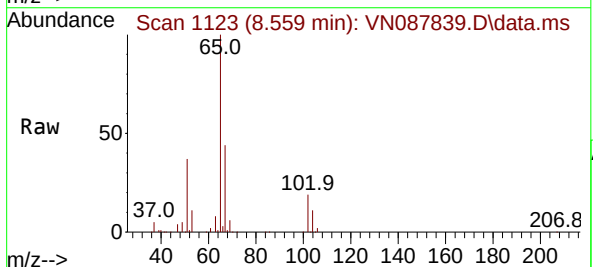
Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

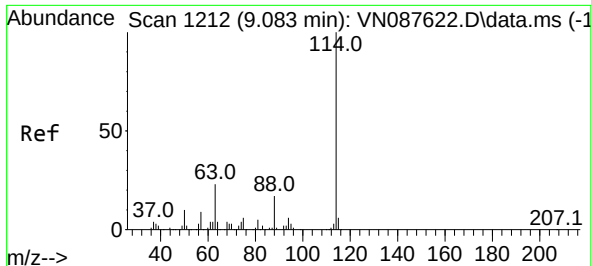
Tgt Ion:168 Resp: 191442
Ion Ratio Lower Upper
168 100
99 60.3 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 50.625 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 65 Resp: 198573
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087839.D

Acq: 15 Sep 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

RPXY5ME

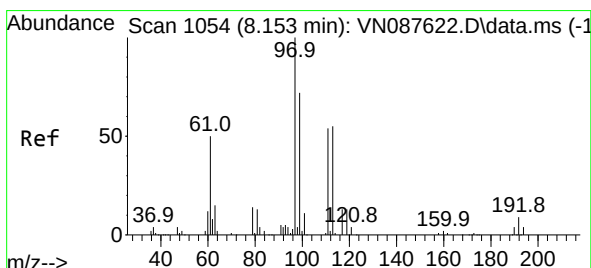
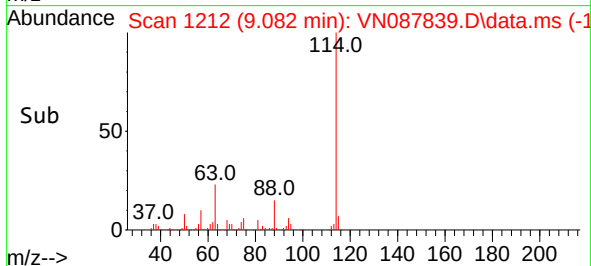
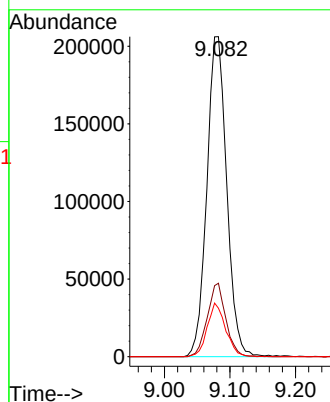
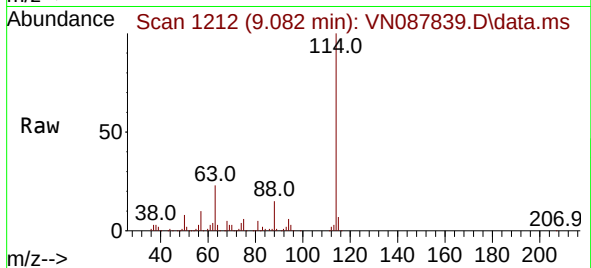
Tgt Ion:114 Resp: 434787

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.608 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087839.D

Acq: 15 Sep 2025 15:43

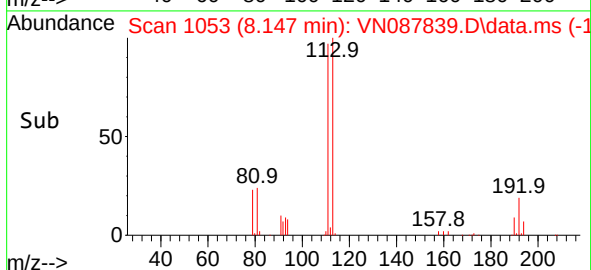
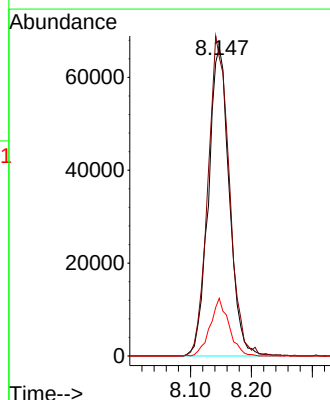
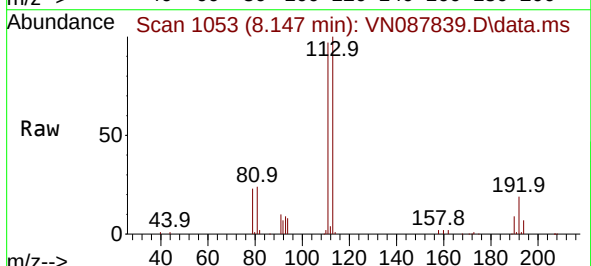
Tgt Ion:113 Resp: 158865

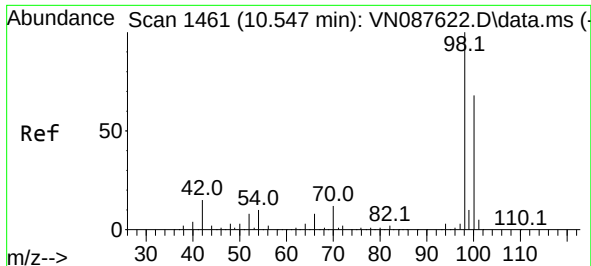
Ion Ratio Lower Upper

113 100

111 105.7 82.8 124.2

192 16.8 12.8 19.2

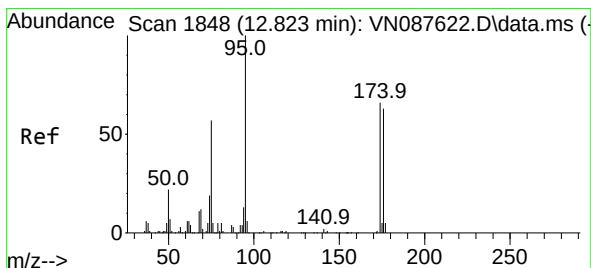
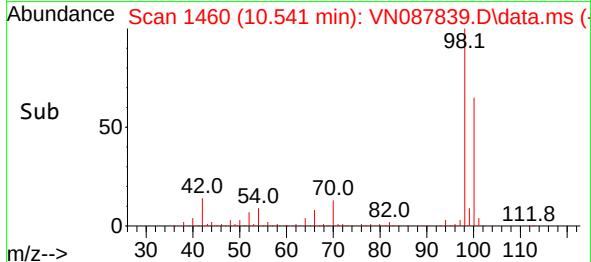
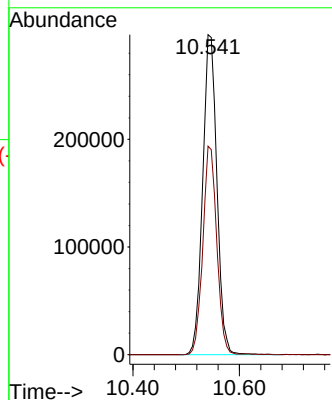
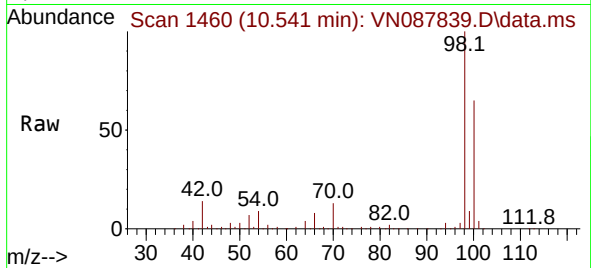




#50
Toluene-d8
Concen: 46.796 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

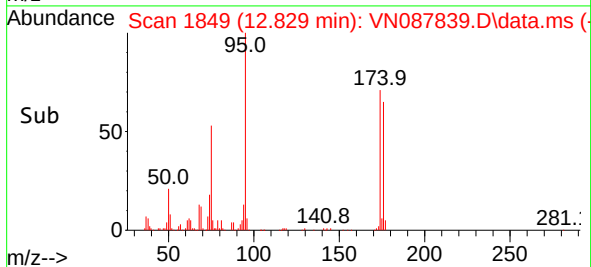
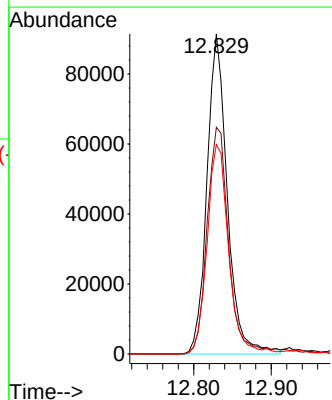
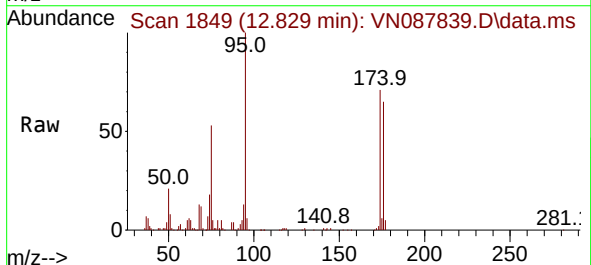
Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

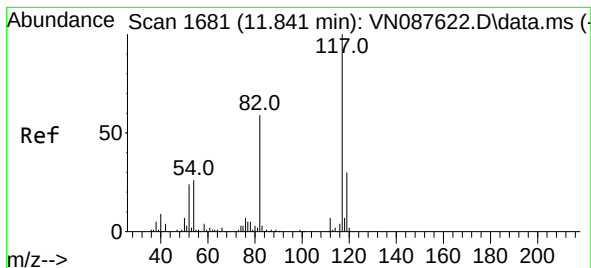
Tgt Ion: 98 Resp: 549825
Ion Ratio Lower Upper
98 100
100 63.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 39.832 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

Tgt Ion: 95 Resp: 166435
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 69.0 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087839.D

Acq: 15 Sep 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

RPXY5ME

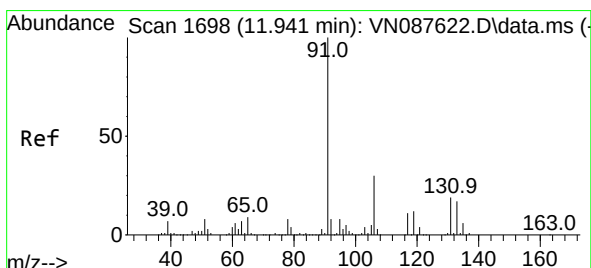
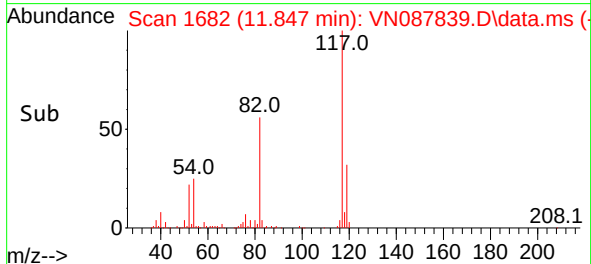
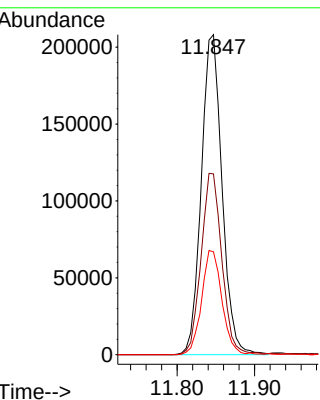
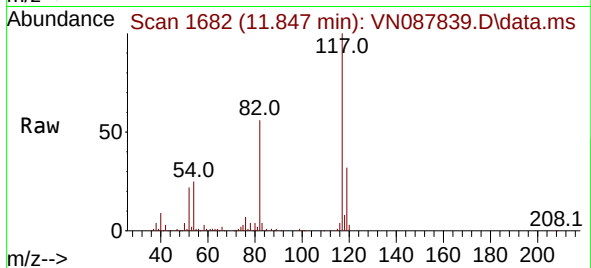
Tgt Ion:117 Resp: 386645

Ion Ratio Lower Upper

117 100

82 56.5 47.4 71.2

119 32.2 24.3 36.5



#67

Ethyl Benzene

Concen: 1.551 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087839.D

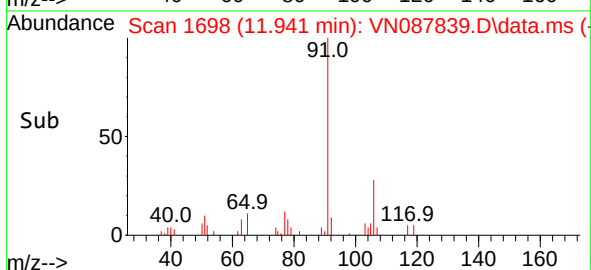
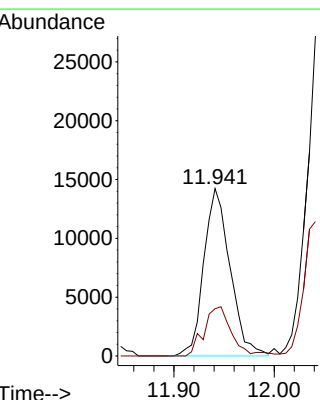
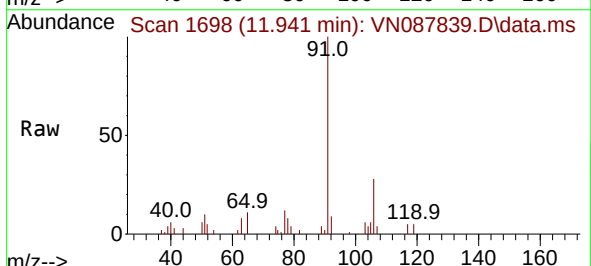
Acq: 15 Sep 2025 15:43

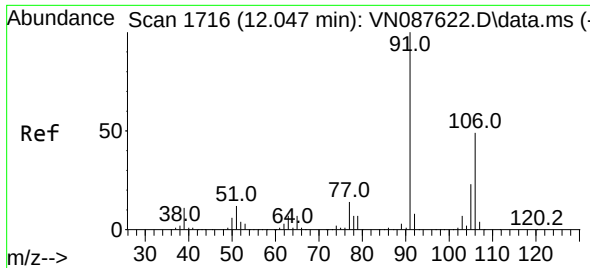
Tgt Ion: 91 Resp: 25828

Ion Ratio Lower Upper

91 100

106 28.2 24.1 36.1

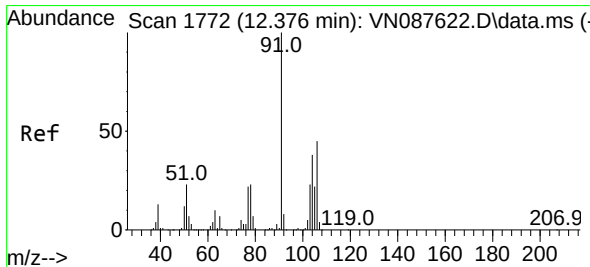
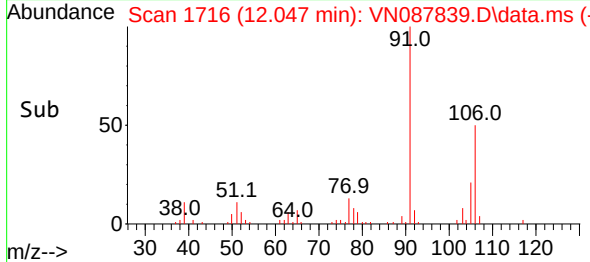
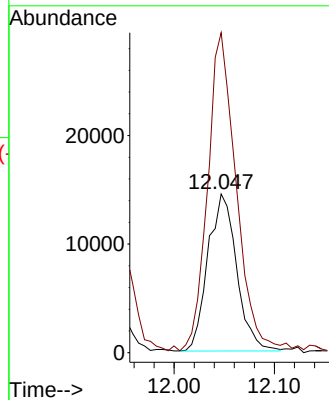
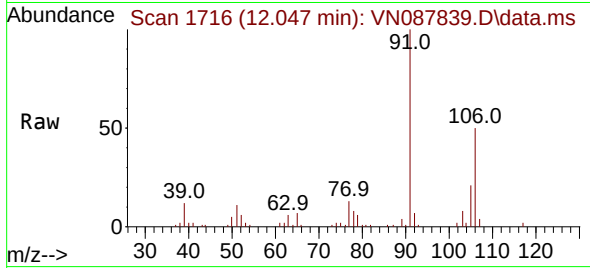




#68
m/p-Xylenes
Concen: 4.730 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

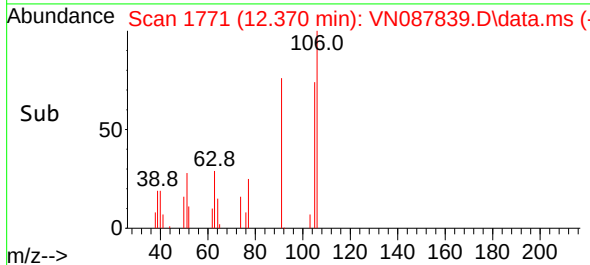
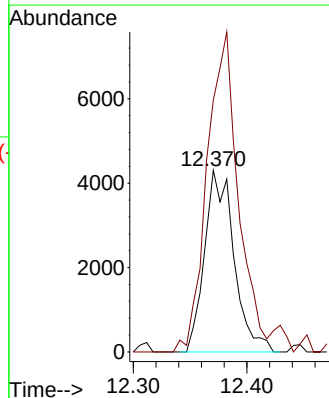
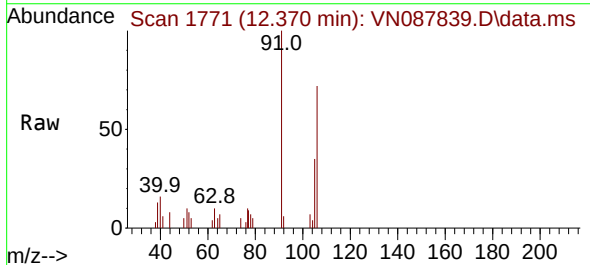
Instrument :
MSVOA_N
ClientSampleId :
RPXY5ME

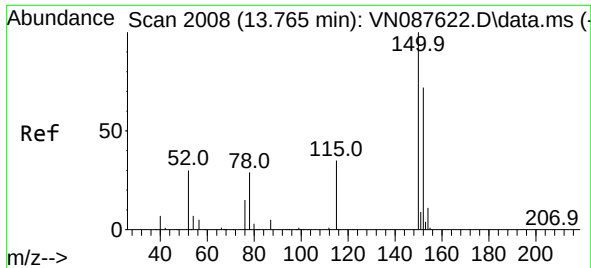
Tgt Ion:106 Resp: 28891
Ion Ratio Lower Upper
106 100
91 201.7 169.3 253.9



#69
o-Xylene
Concen: 1.291 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN087839.D
Acq: 15 Sep 2025 15:43

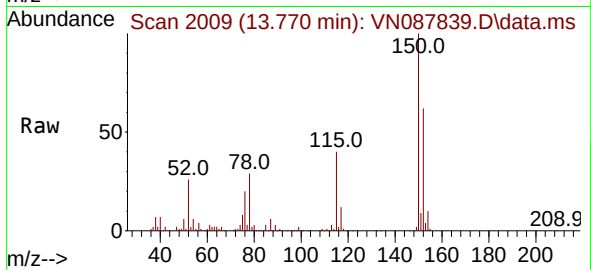
Tgt Ion:106 Resp: 7729
Ion Ratio Lower Upper
106 100
91 186.6 111.4 334.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087839.D
 Acq: 15 Sep 2025 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 RPXY5ME



Tgt Ion:152 Resp: 170499
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 158.1 0.0 351.0

