

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087566.D
 Acq On : 14 Aug 2025 15:20
 Operator : JC\MD
 Sample : Q2842-01 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-90.4-081225

Quant Time: Aug 14 15:39:17 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)

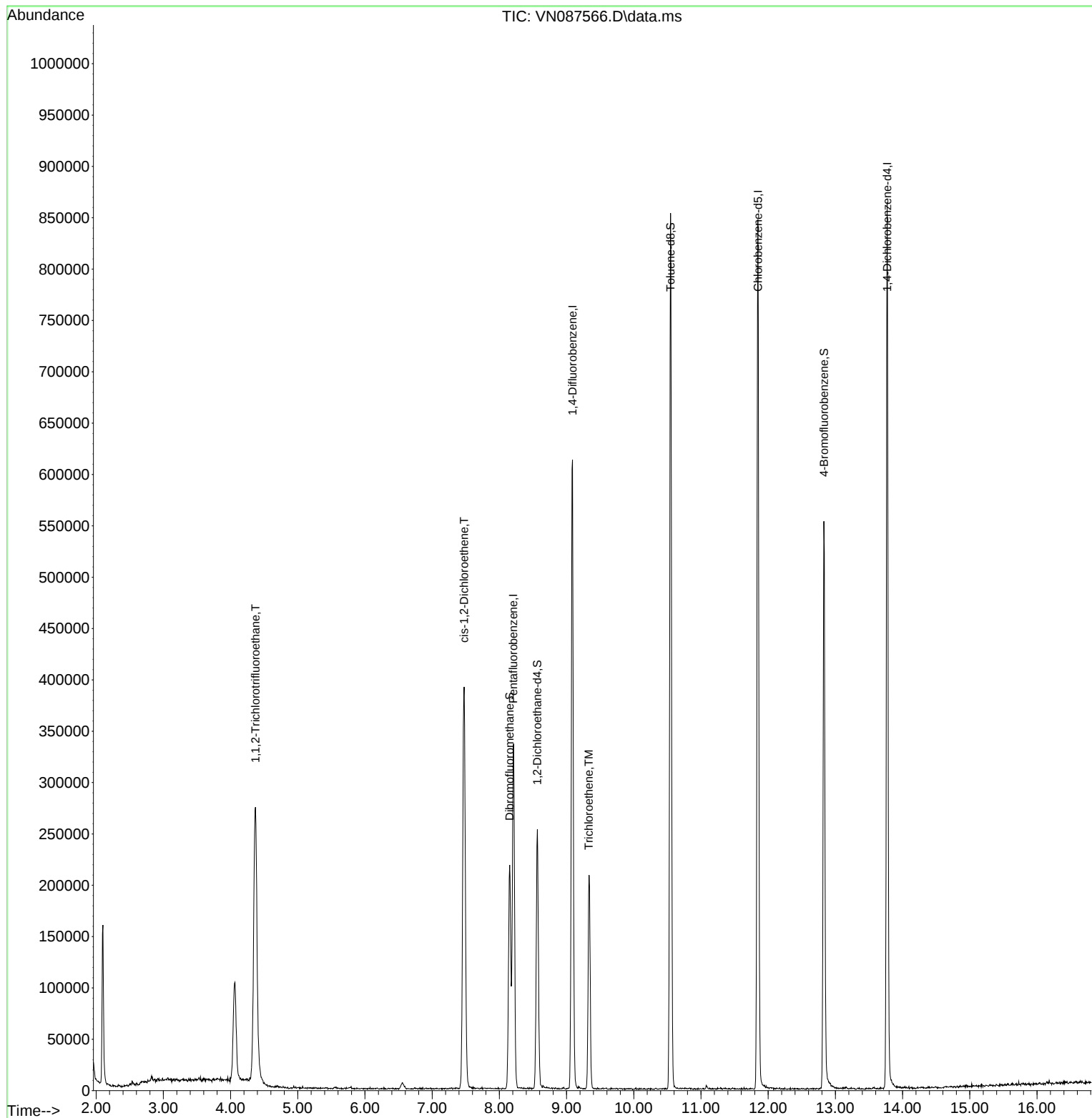
Internal Standards						
1) Pentafluorobenzene	8.206	168	225616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	494400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	459245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	205410	53.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.320%	
35) Dibromofluoromethane	8.153	113	155257	45.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.040%	
50) Toluene-d8	10.547	98	555821	45.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.380%	
62) 4-Bromofluorobenzene	12.829	95	197243	43.886	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.780%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.371	101	188722	83.020	ug/l	95
27) cis-1,2-Dichloroethene	7.477	96	234562	70.144	ug/l	91
44) Trichloroethene	9.329	130	69531	20.207	ug/l	99

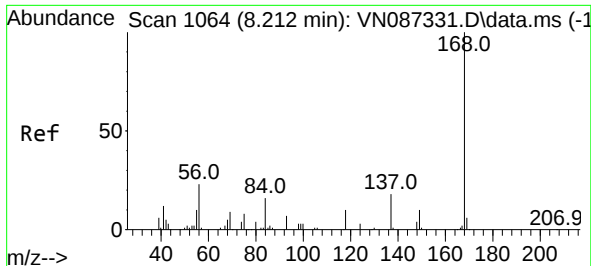
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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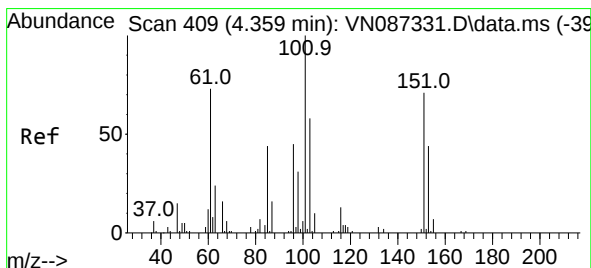
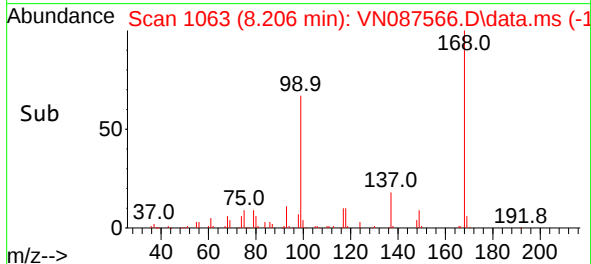
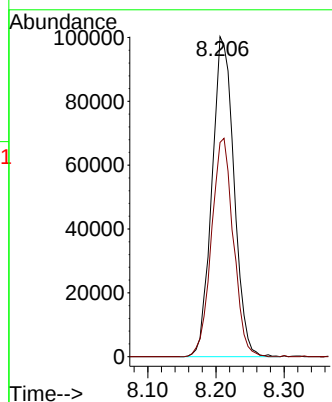
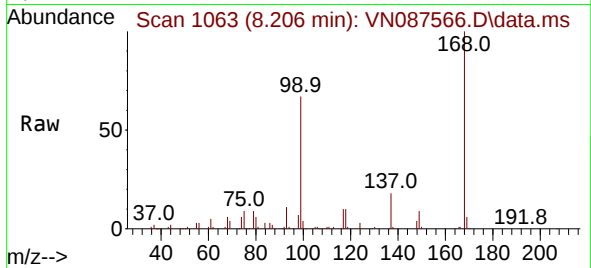




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

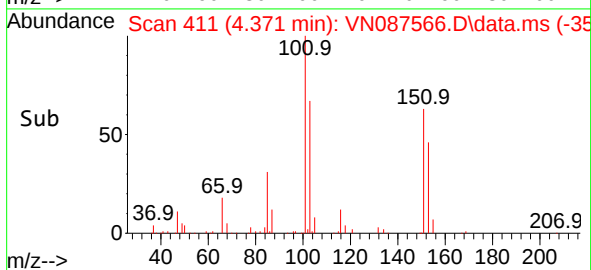
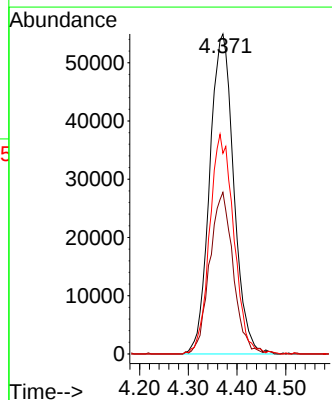
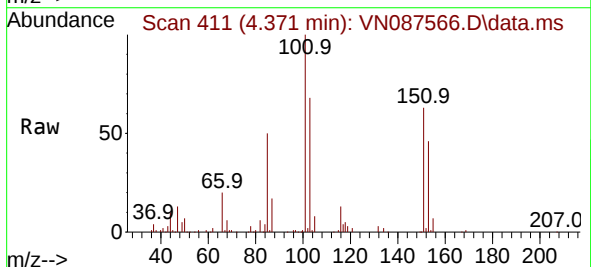
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-90.4-081225

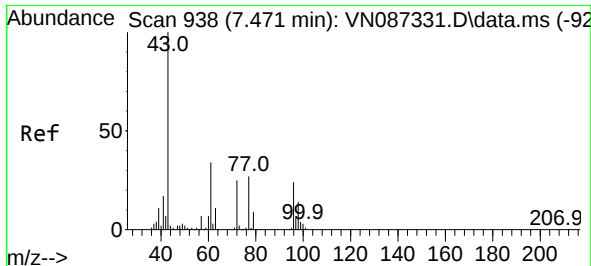
Tgt Ion:168 Resp: 225616
Ion Ratio Lower Upper
168 100
99 66.9 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 83.020 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

Tgt Ion:101 Resp: 188722
Ion Ratio Lower Upper
101 100
85 49.1 37.3 55.9
151 68.6 58.9 88.3

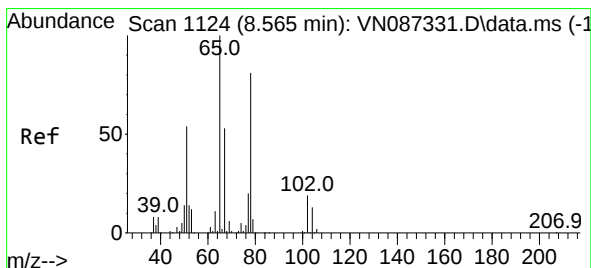
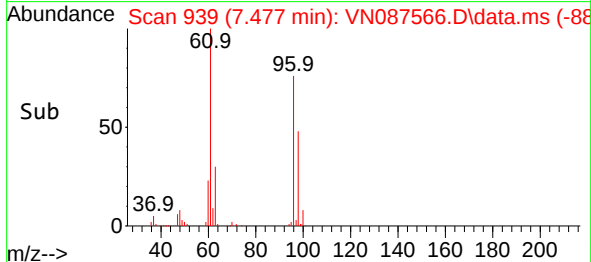
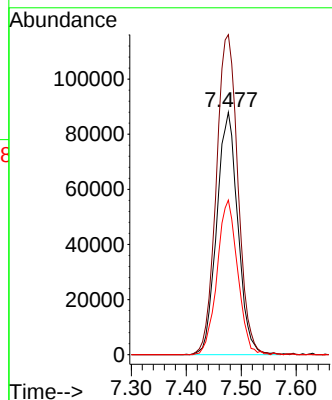
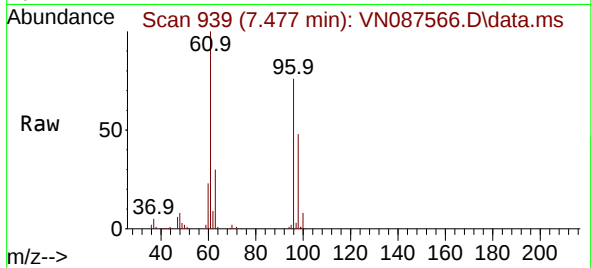




#27
 cis-1,2-Dichloroethene
 Concen: 70.144 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087566.D
 Acq: 14 Aug 2025 15:20

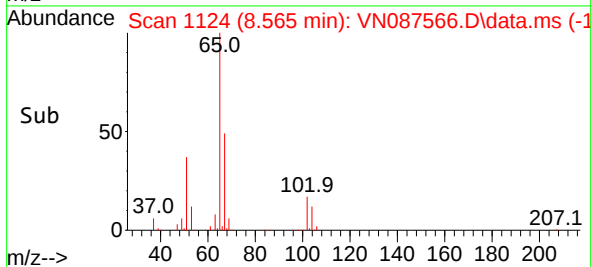
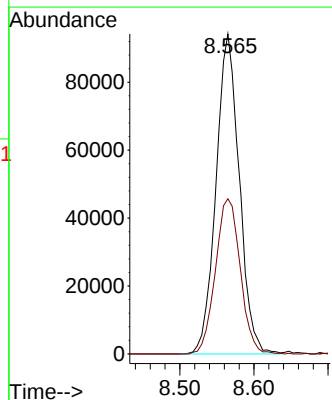
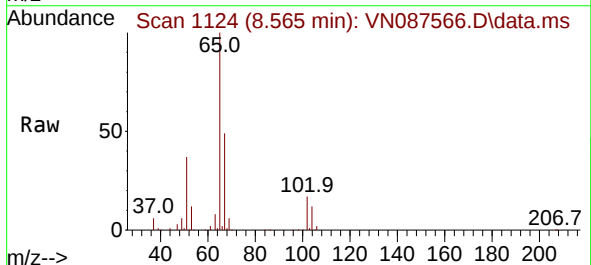
Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-90.4-081225

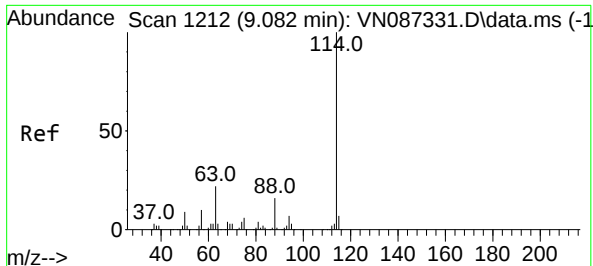
Tgt Ion: 96 Resp: 234562
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 297.8
 98 62.2 0.0 132.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.657 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087566.D
 Acq: 14 Aug 2025 15:20

Tgt Ion: 65 Resp: 205410
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087566.D

Acq: 14 Aug 2025 15:20

Instrument :

MSVOA_N

ClientSampleId :

RMW-03B-90.4-081225

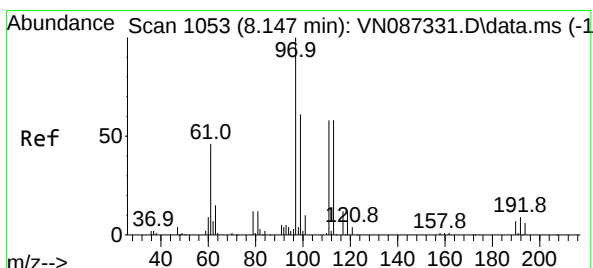
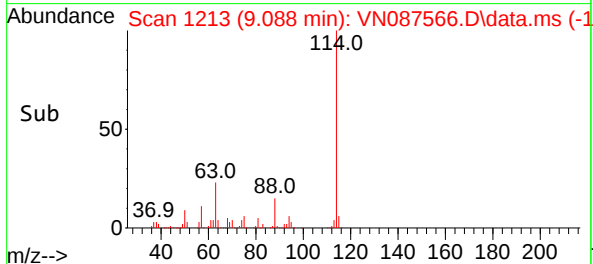
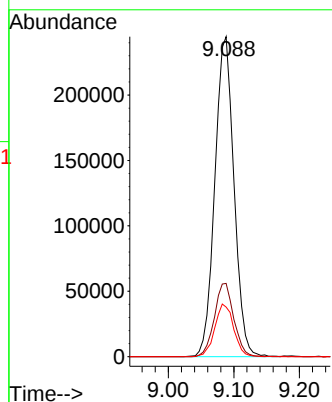
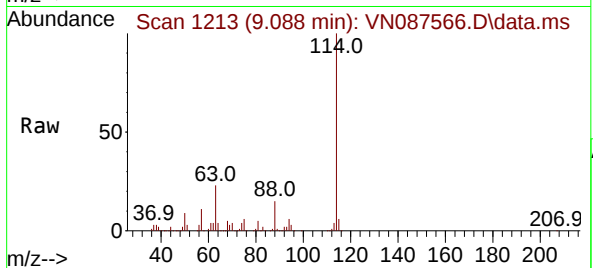
Tgt Ion:114 Resp: 494400

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.525 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087566.D

Acq: 14 Aug 2025 15:20

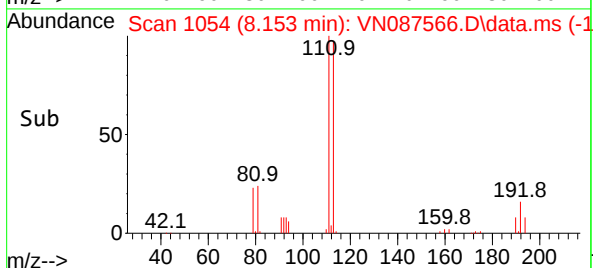
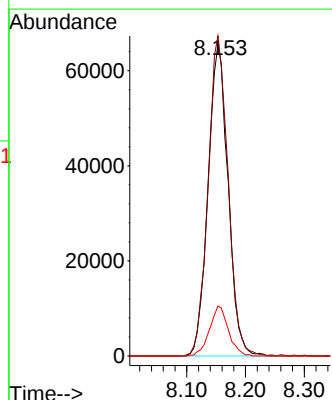
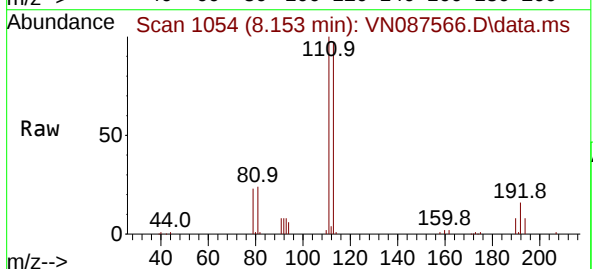
Tgt Ion:113 Resp: 155257

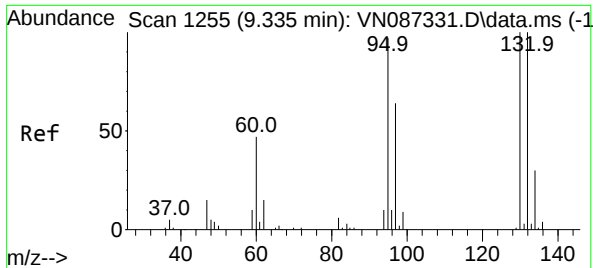
Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 15.1 13.7 20.5

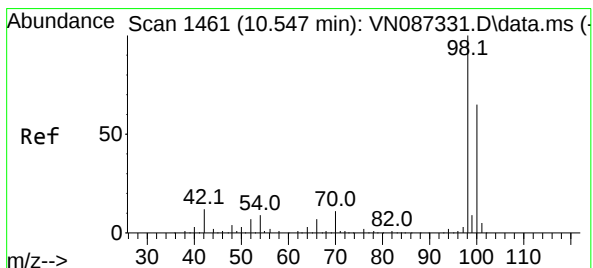
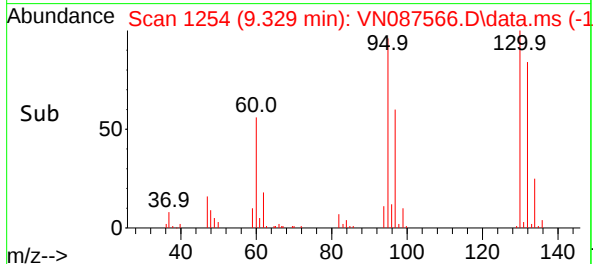
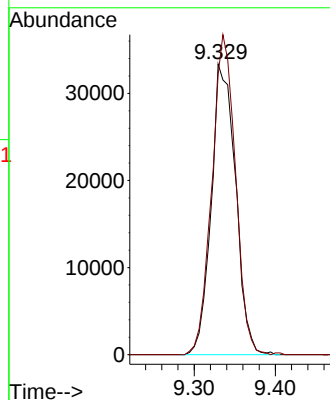
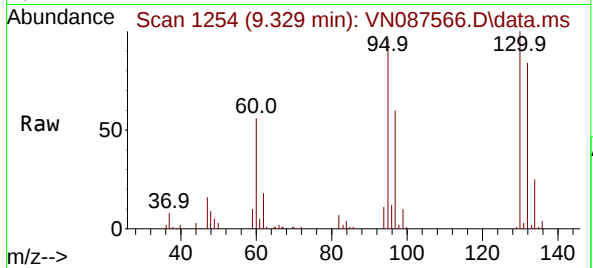




#44
Trichloroethene
Concen: 20.207 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

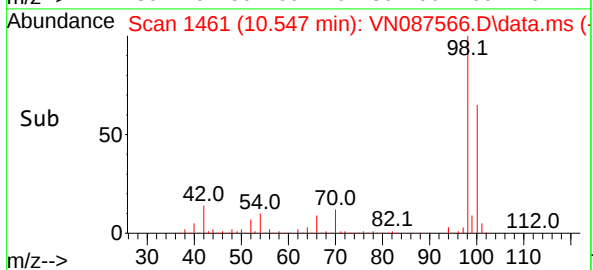
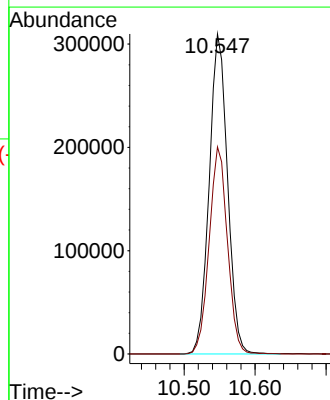
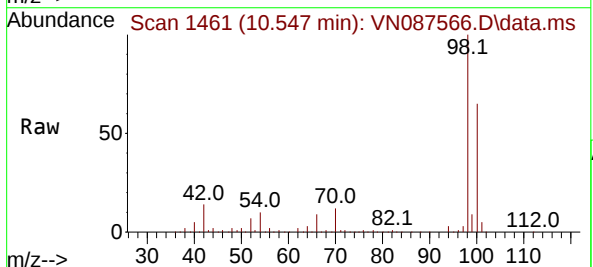
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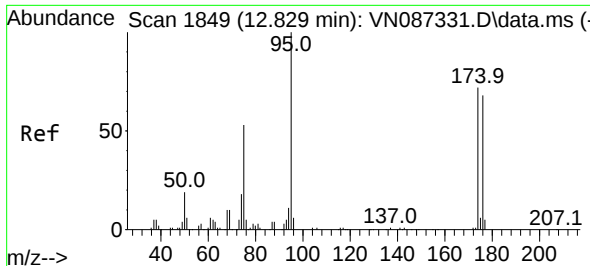
Tgt Ion:130 Resp: 69531
Ion Ratio Lower Upper
130 100
95 96.4 0.0 195.2



#50
Toluene-d8
Concen: 45.689 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

Tgt Ion: 98 Resp: 555821
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

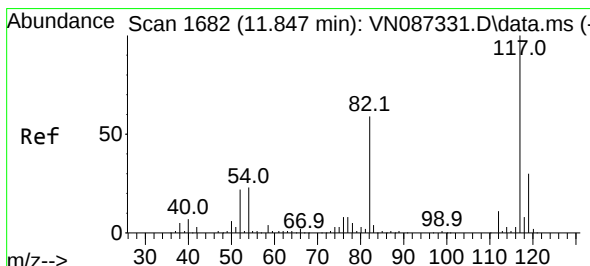
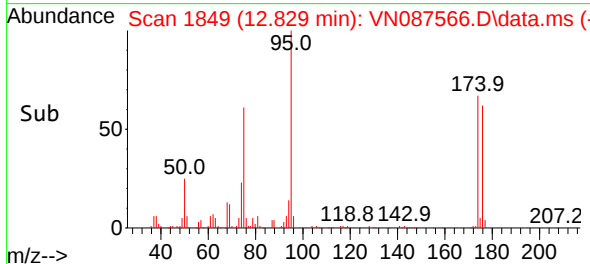
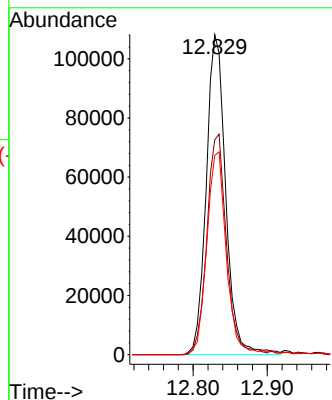
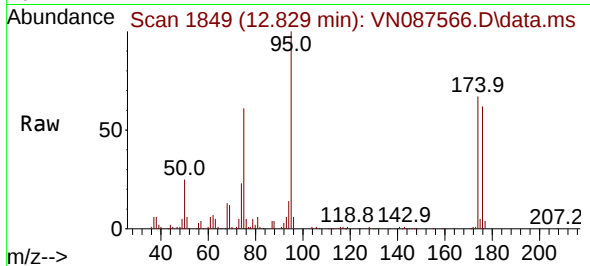




#62
4-Bromofluorobenzene
Concen: 43.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

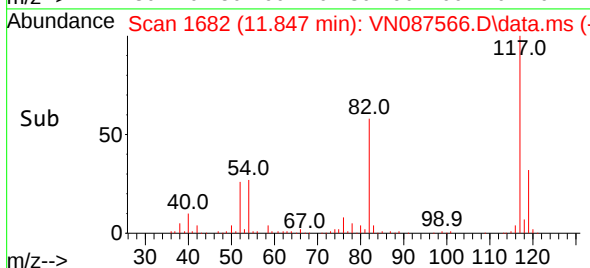
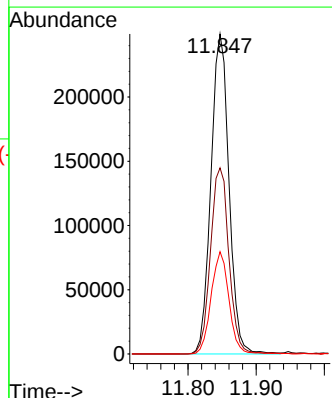
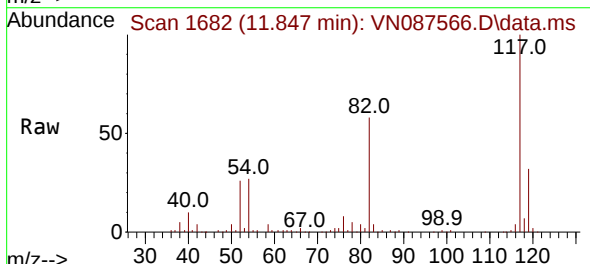
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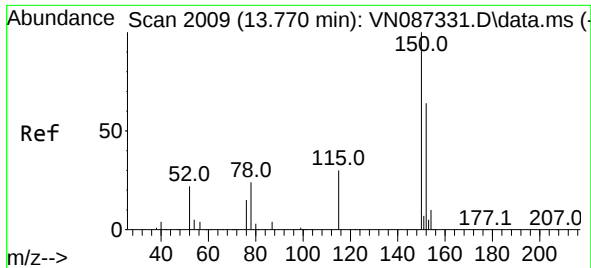
Tgt Ion:	95	Resp:	197243
Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	149.4
176	64.4	0.0	141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087566.D
Acq: 14 Aug 2025 15:20

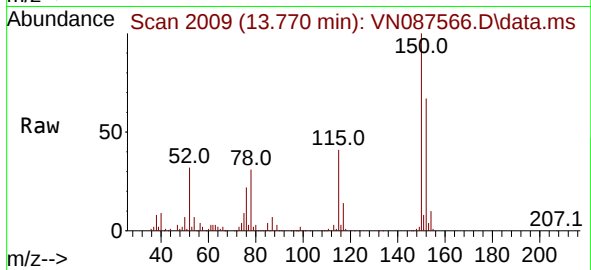
Tgt Ion:	117	Resp:	459245
Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	32.0	23.8	35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087566.D
 Acq: 14 Aug 2025 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-90.4-081225



Tgt Ion:152 Resp: 213548
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.1 93.5
 150 154.0 0.0 349.0

