

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087033.D
 Acq On : 16 Jun 2025 15:54
 Operator : JC\MD
 Sample : Q2299-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20250610

Quant Time: Jun 17 07:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

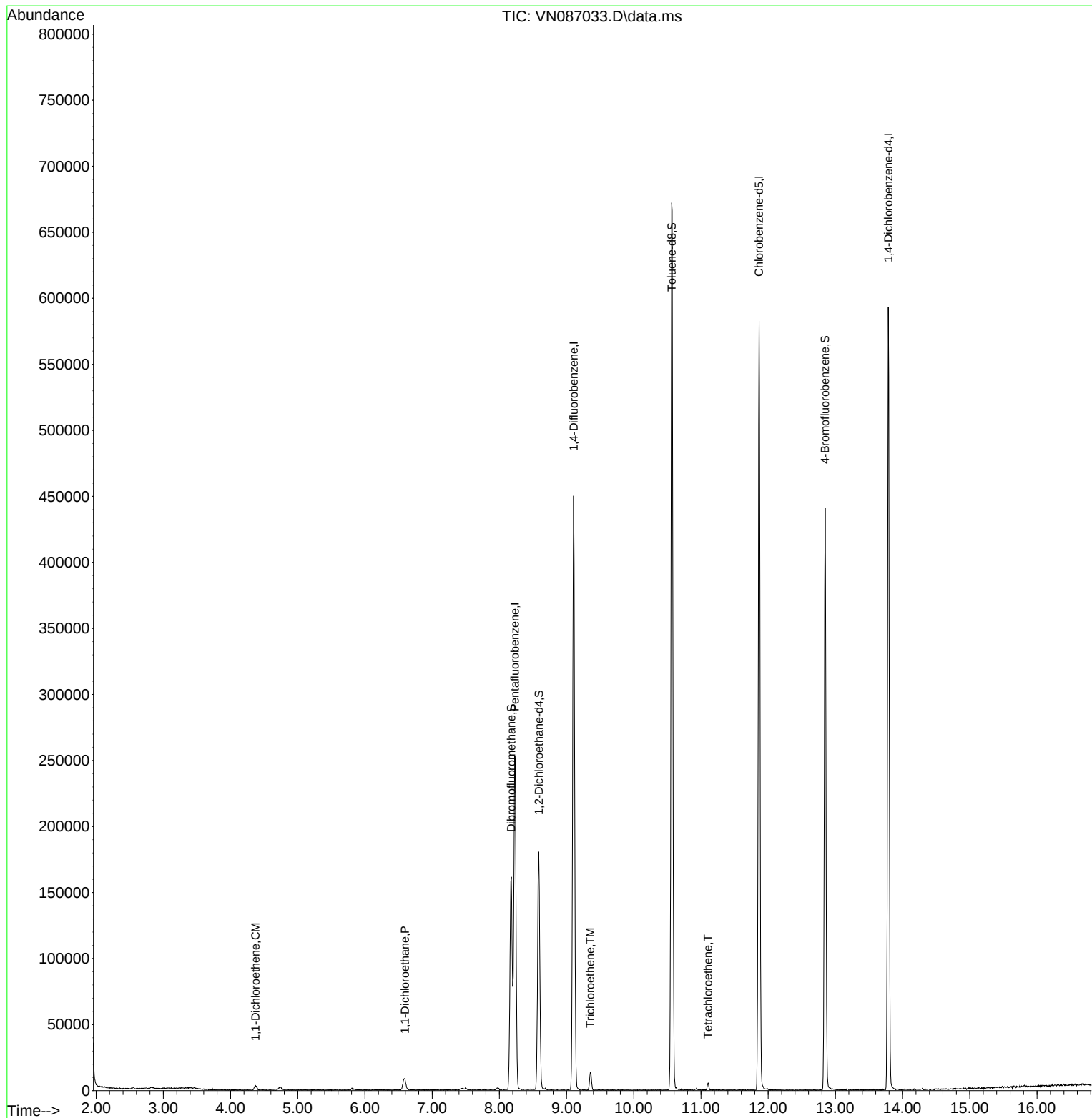
Internal Standards						
1) Pentafluorobenzene	8.230	168	203501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	412992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149110	54.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.177	113	126731	51.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.565	98	506443	52.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.847	95	176642	49.071	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.140%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.371	96	2483	1.096	ug/l	88
24) 1,1-Dichloroethane	6.594	63	14741	3.235	ug/l	97
44) Trichloroethene	9.353	130	5588	1.976	ug/l	93
64) Tetrachloroethene	11.106	164	1386	0.590	ug/l	93

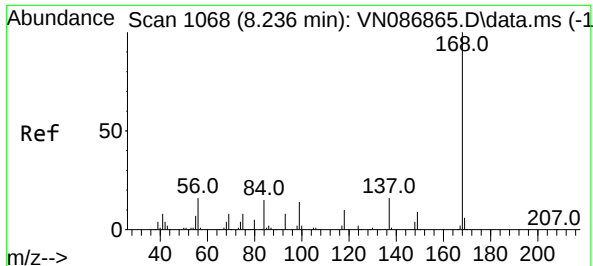
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

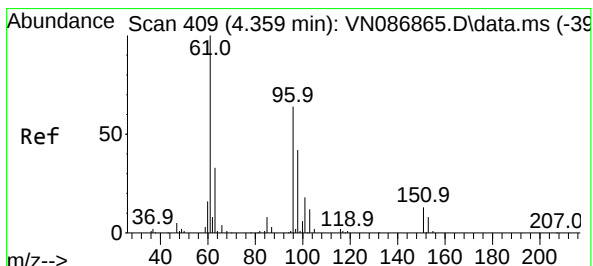
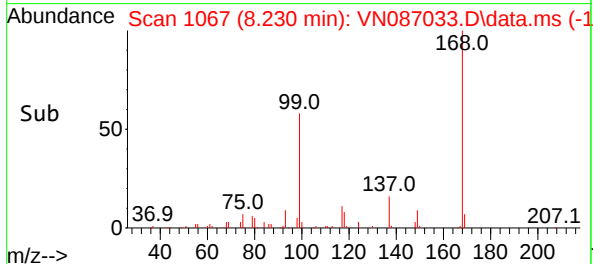
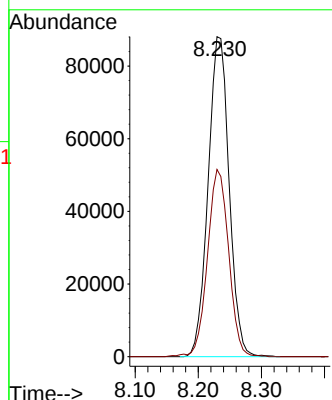
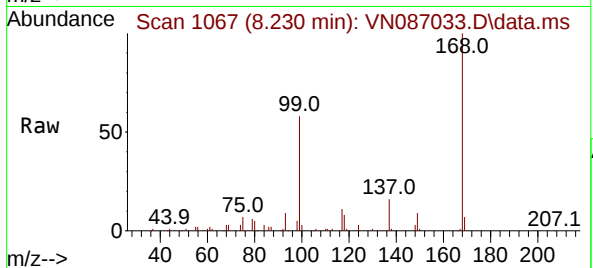




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

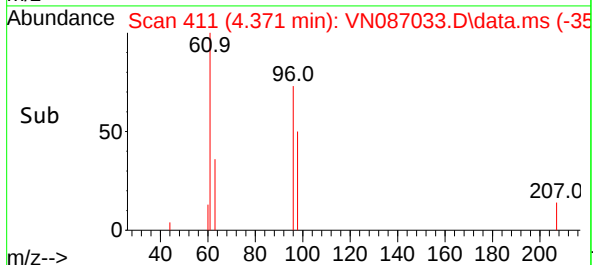
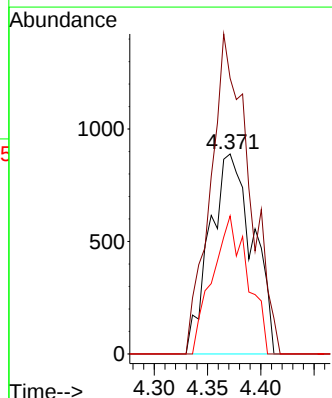
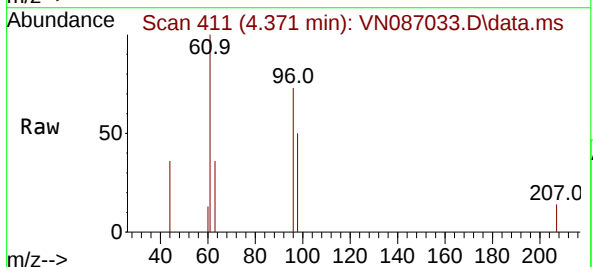
Instrument :
MSVOA_N
ClientSampleId :
TT17411-20250610

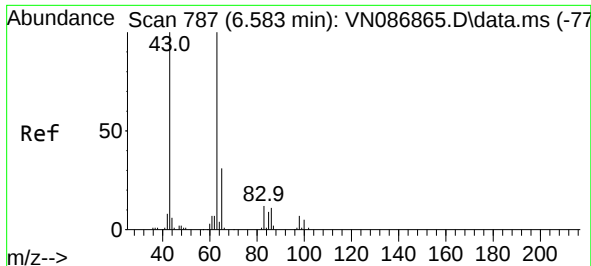
Tgt Ion:168 Resp: 203501
Ion Ratio Lower Upper
168 100
99 58.5 49.1 73.7



#12
1,1-Dichloroethene
Concen: 1.096 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

Tgt Ion: 96 Resp: 2483
Ion Ratio Lower Upper
96 100
61 137.9 125.8 188.6
98 69.1 52.5 78.7

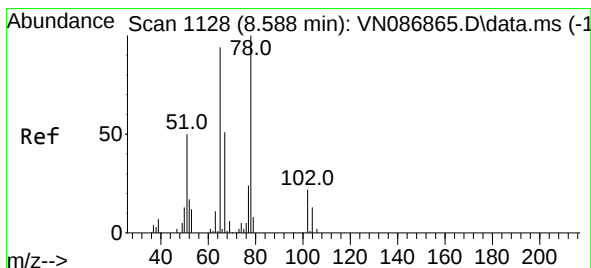
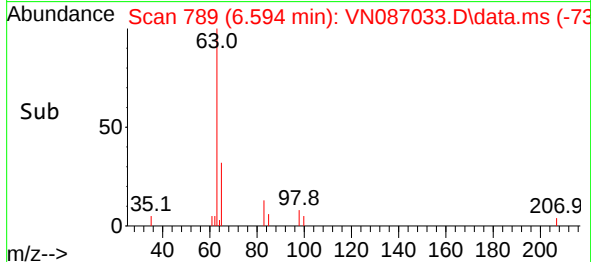
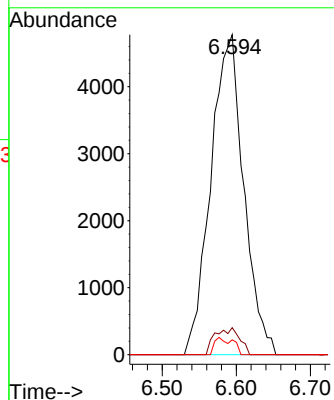
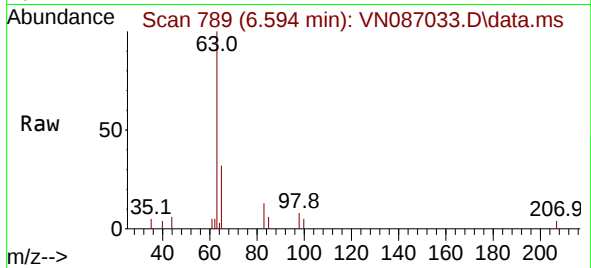




#24
 1,1-Dichloroethane
 Concen: 3.235 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VN087033.D
 Acq: 16 Jun 2025 15:54

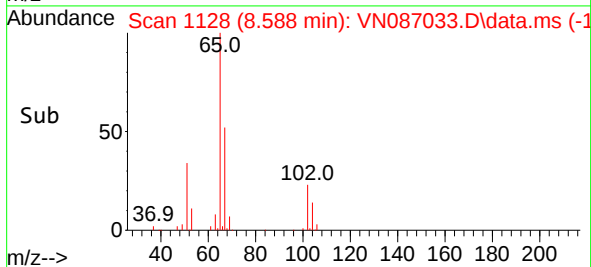
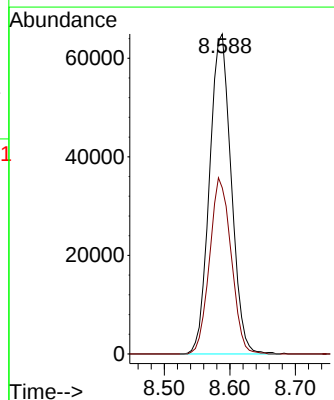
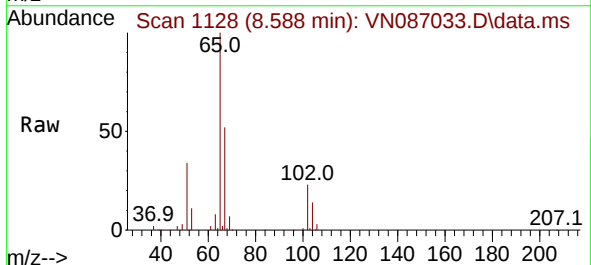
Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20250610

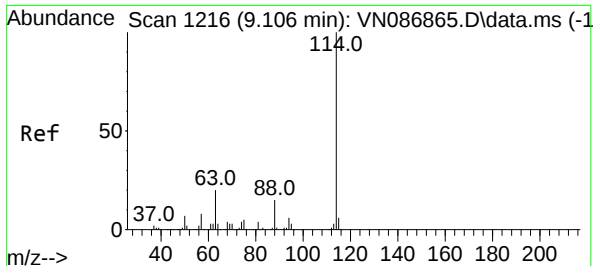
Tgt Ion: 63 Resp: 14741
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 4.6 2.6 7.8



#33
 1,2-Dichloroethane-d4
 Concen: 54.726 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN087033.D
 Acq: 16 Jun 2025 15:54

Tgt Ion: 65 Resp: 149110
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087033.D

Acq: 16 Jun 2025 15:54

Instrument :

MSVOA_N

ClientSampleId :

TT17411-20250610

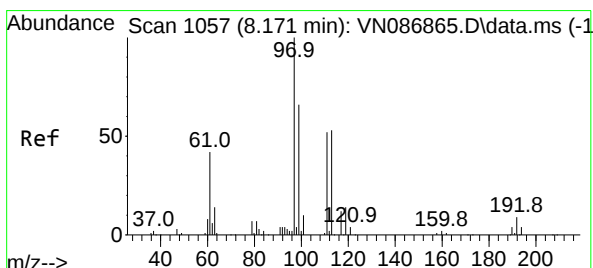
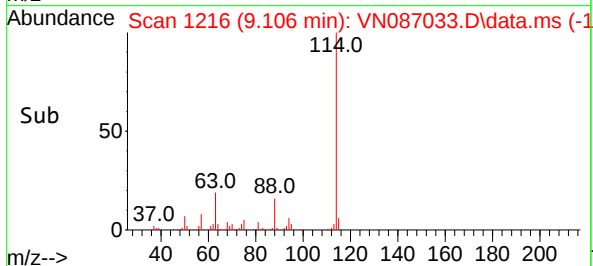
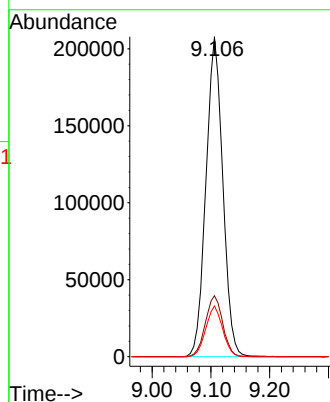
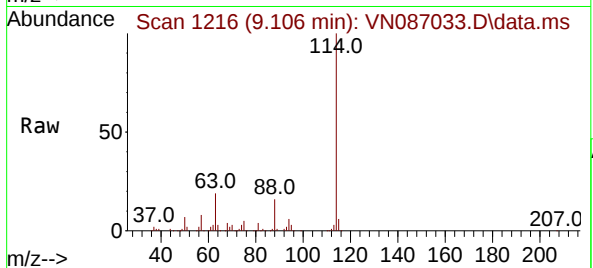
Tgt Ion:114 Resp: 412992

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.780 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087033.D

Acq: 16 Jun 2025 15:54

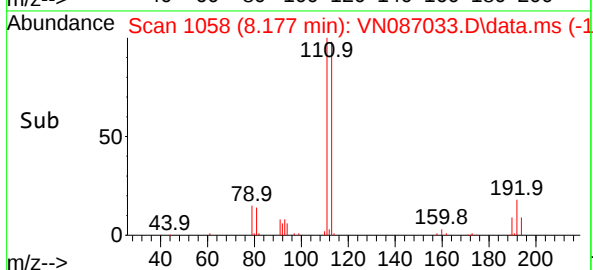
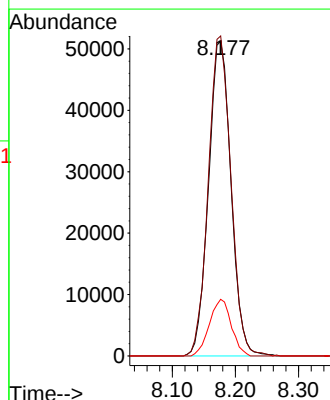
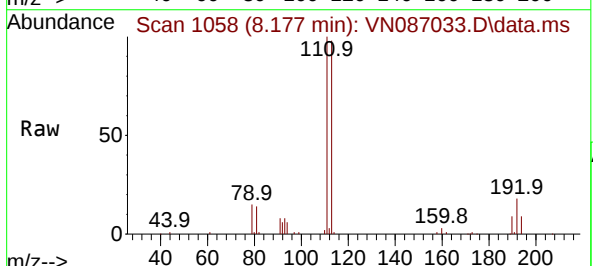
Tgt Ion:113 Resp: 126731

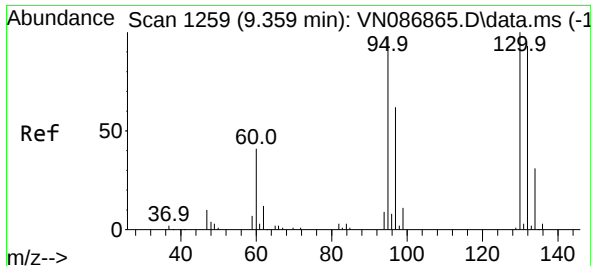
Ion Ratio Lower Upper

113 100

111 102.0 84.2 126.2

192 17.5 14.2 21.4

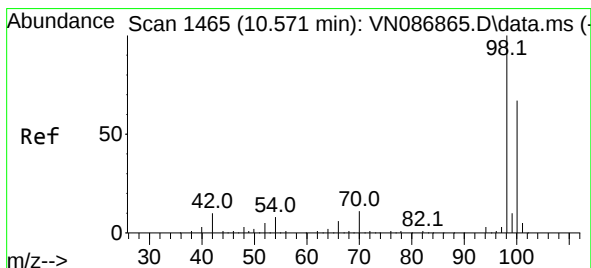
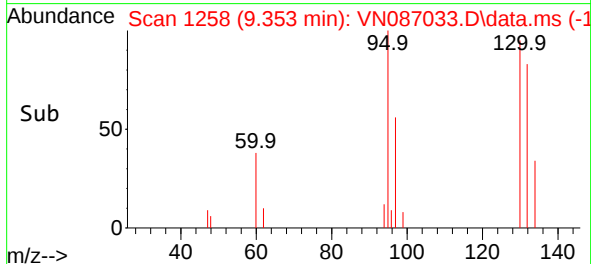
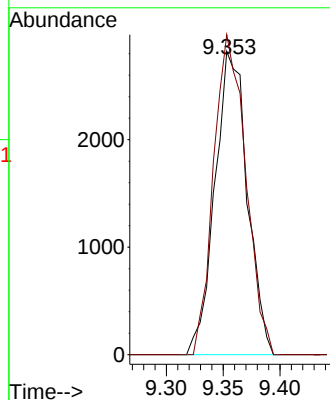
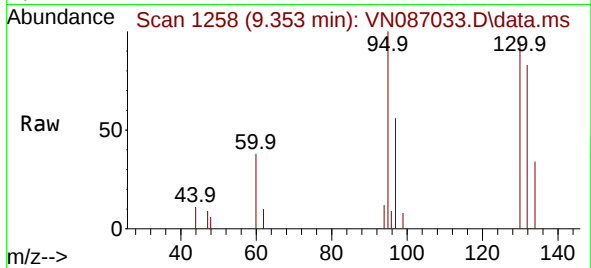




#44
Trichloroethene
Concen: 1.976 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

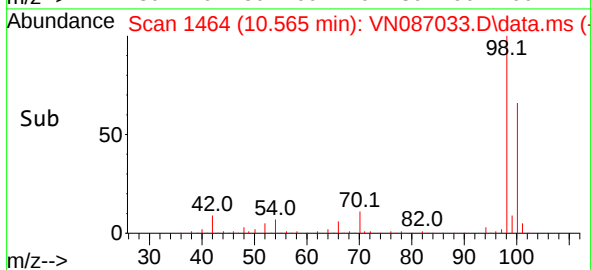
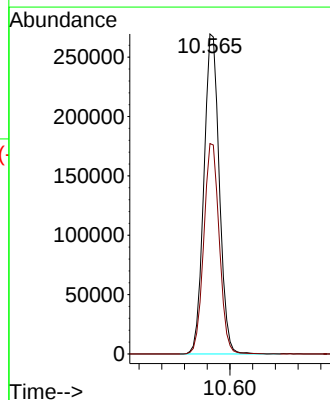
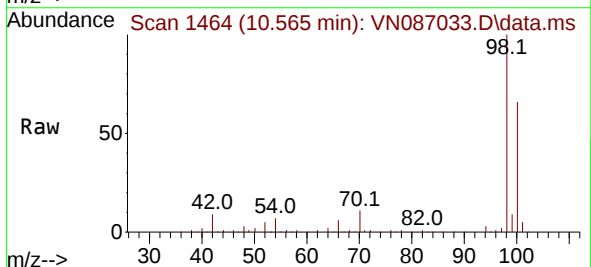
Instrument :
MSVOA_N
ClientSampleId :
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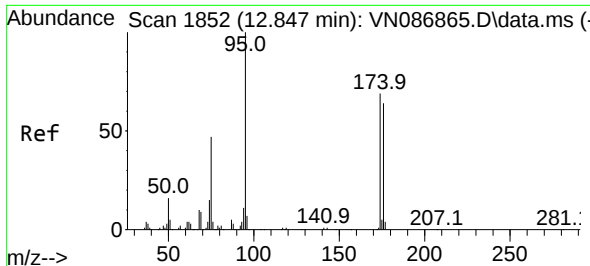
Tgt Ion:130 Resp: 5588
Ion Ratio Lower Upper
130 100
95 105.5 0.0 196.2



#50
Toluene-d8
Concen: 52.270 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

Tgt Ion: 98 Resp: 506443
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0

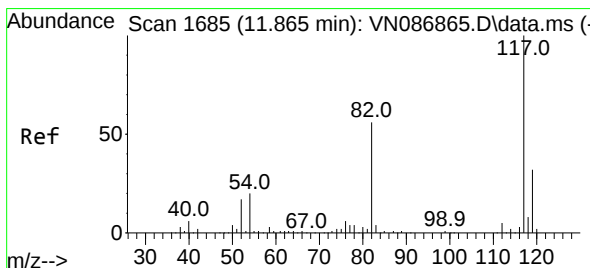
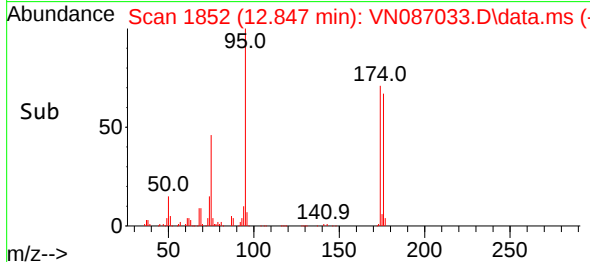
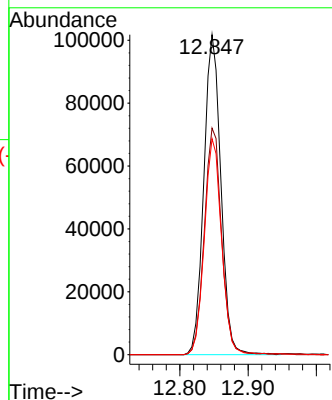
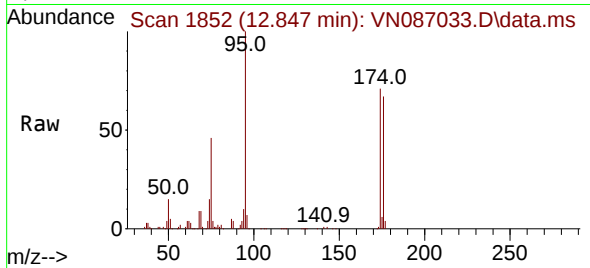




#62
4-Bromofluorobenzene
Concen: 49.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

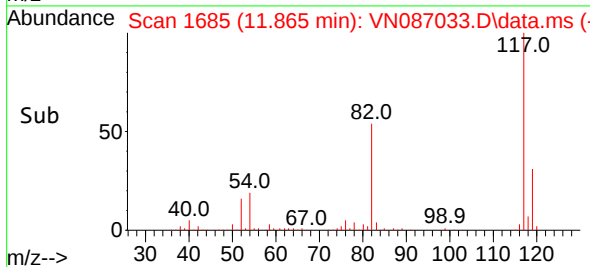
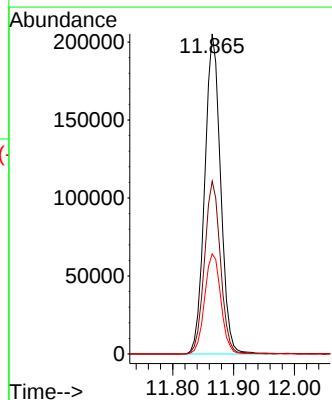
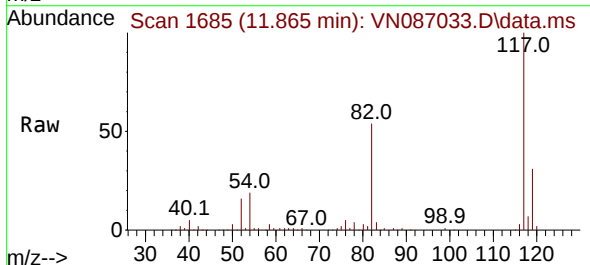
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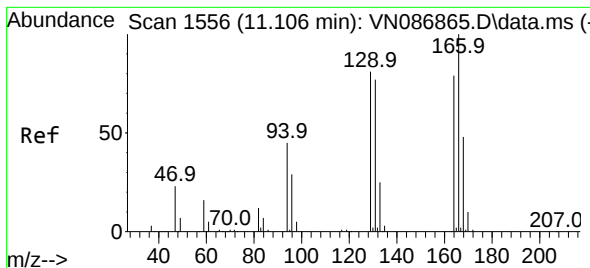
Tgt Ion: 95 Resp: 176642
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087033.D
Acq: 16 Jun 2025 15:54

Tgt Ion: 117 Resp: 371450
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 31.2 25.5 38.3





#64

Tetrachloroethene

Concen: 0.590 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087033.D

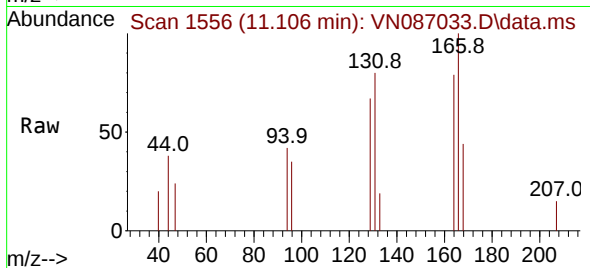
Acq: 16 Jun 2025 15:54

Instrument :

MSVOA_N

ClientSampleId :

TT17411-20250610



Tgt Ion:164 Resp: 1386

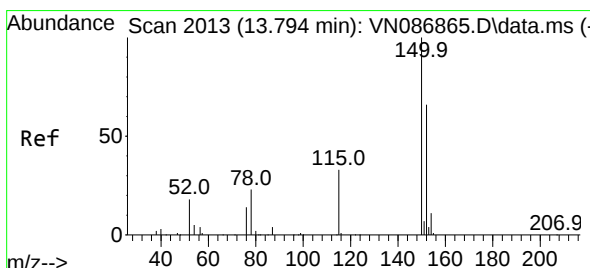
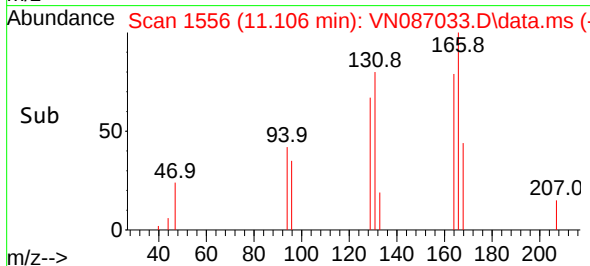
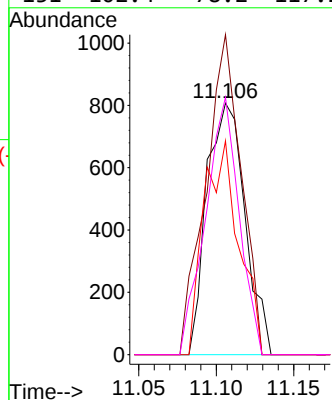
Ion Ratio Lower Upper

164 100

166 127.3 101.8 152.8

129 85.0 83.0 124.4

131 102.4 78.2 117.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087033.D

Acq: 16 Jun 2025 15:54

Tgt Ion:152 Resp: 175583

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 156.1 0.0 345.0

