

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087035.D
 Acq On : 16 Jun 2025 16:37
 Operator : JC\MD
 Sample : Q2299-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20250610

Quant Time: Jun 17 07:25:50 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)

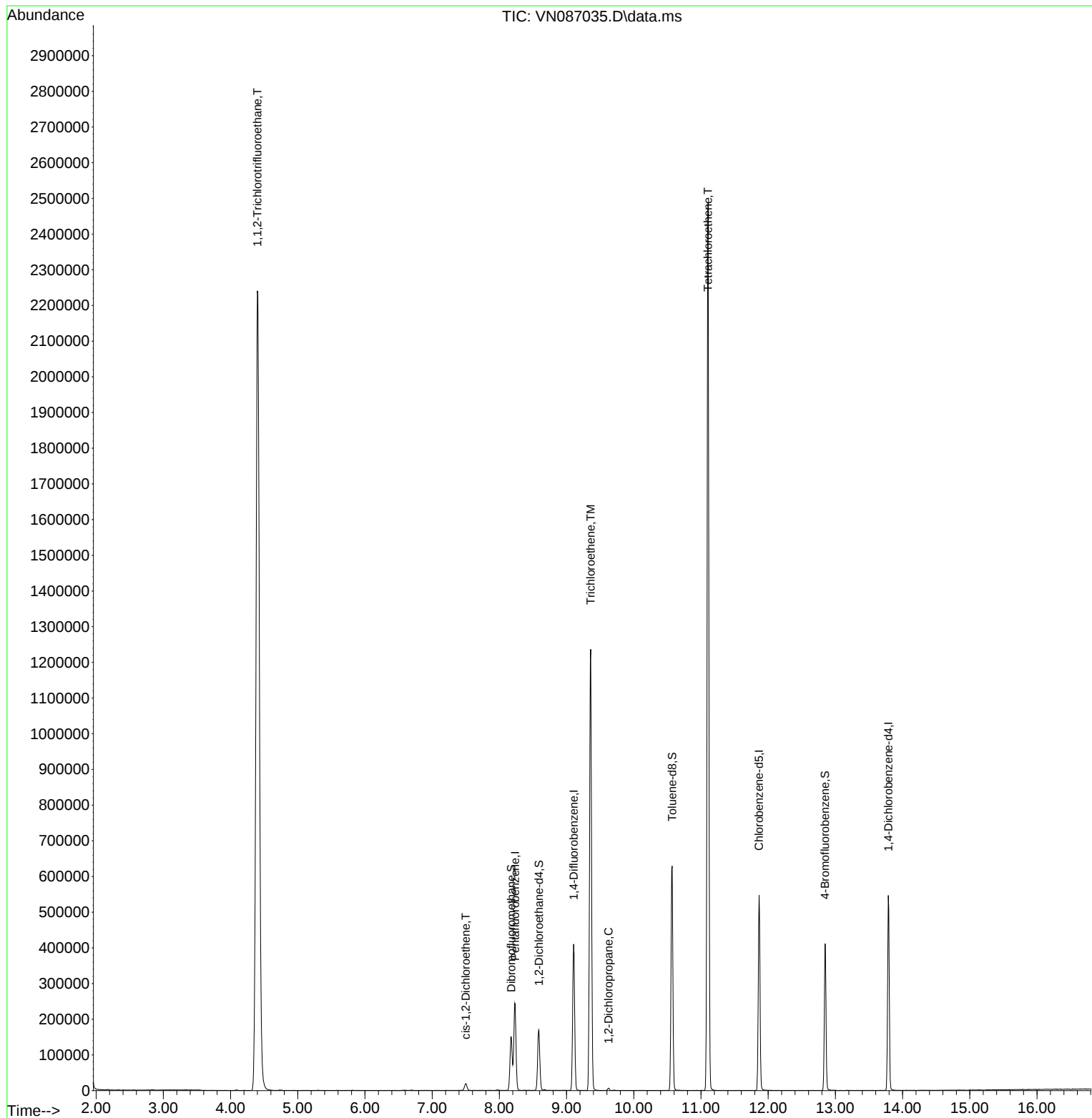
Internal Standards						
1) Pentafluorobenzene	8.236	168	194213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	382353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	139461	53.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.260%	
35) Dibromofluoromethane	8.177	113	117345	51.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	10.571	98	470679	52.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.847	95	164461	49.348	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.400	101	1794131	847.348	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	12801	4.451	ug/l	89
44) Trichloroethene	9.359	130	491001	187.546	ug/l	97
45) 1,2-Dichloropropane	9.624	63	3139	1.169	ug/l	98
64) Tetrachloroethene	11.106	164	616337	282.918	ug/l	97

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

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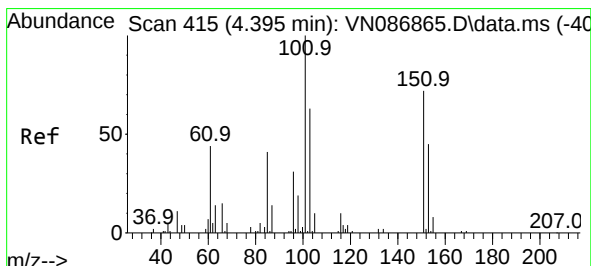
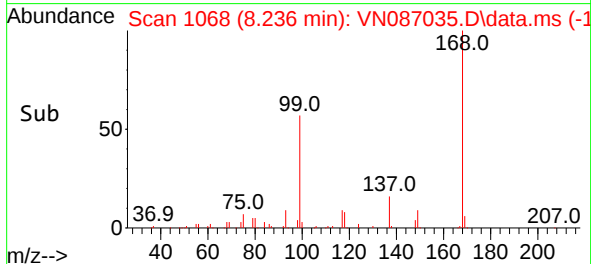
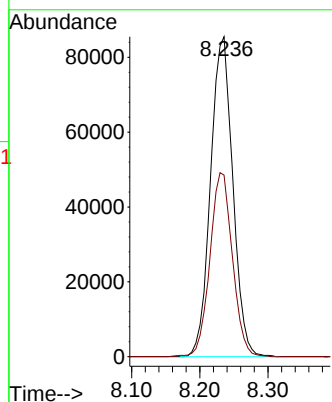
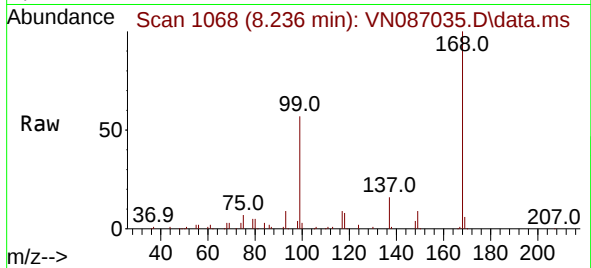




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

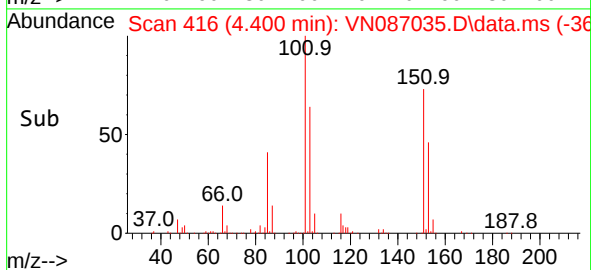
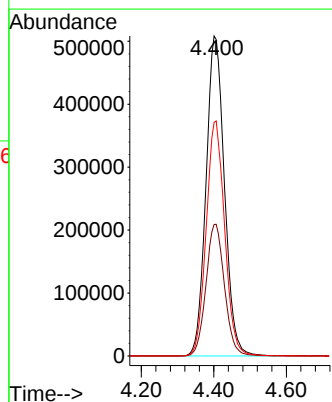
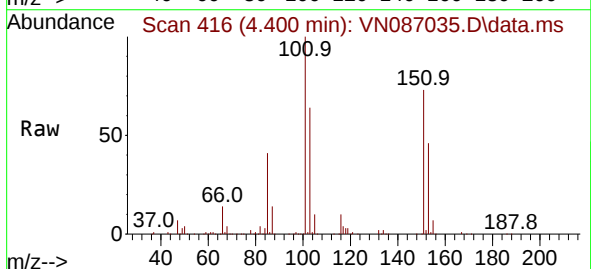
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20250610

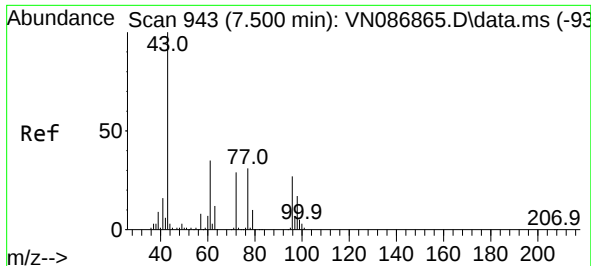
Tgt Ion:168 Resp: 194213
Ion Ratio Lower Upper
168 100
99 56.7 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 847.348 ug/l
RT: 4.400 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

Tgt Ion:101 Resp: 1794131
Ion Ratio Lower Upper
101 100
85 41.3 33.8 50.8
151 73.5 58.7 88.1

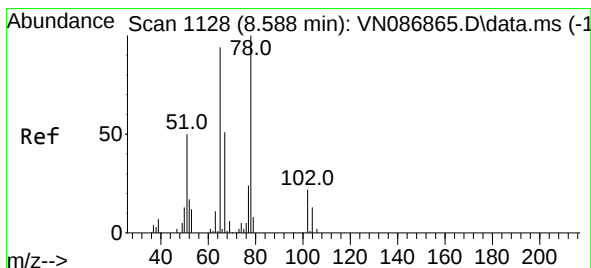
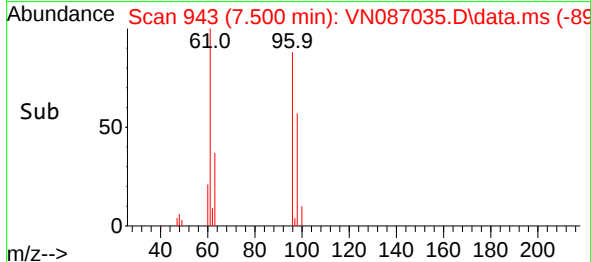
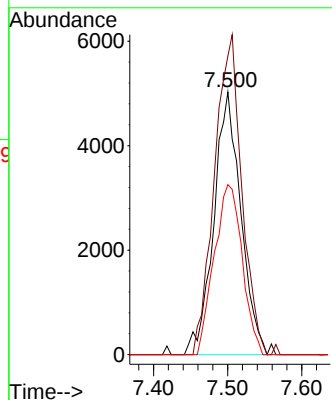
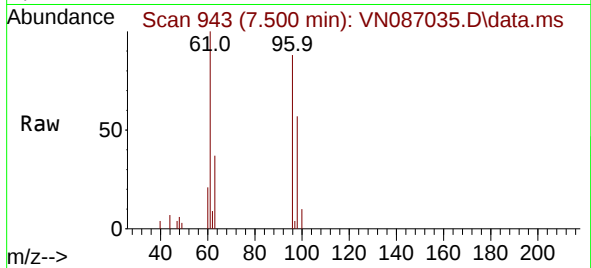




#27
 cis-1,2-Dichloroethene
 Concen: 4.451 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087035.D
 Acq: 16 Jun 2025 16:37

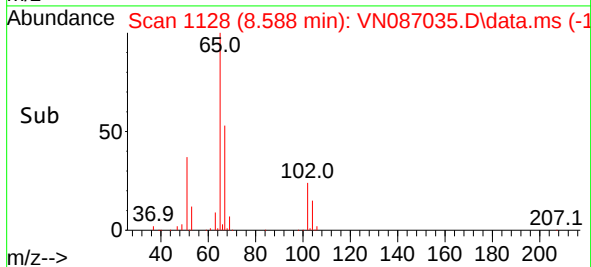
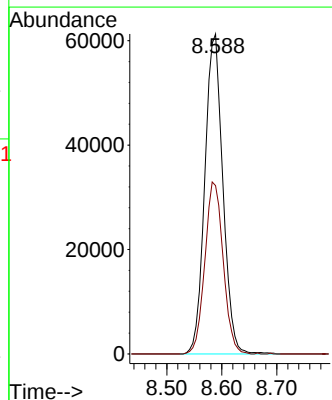
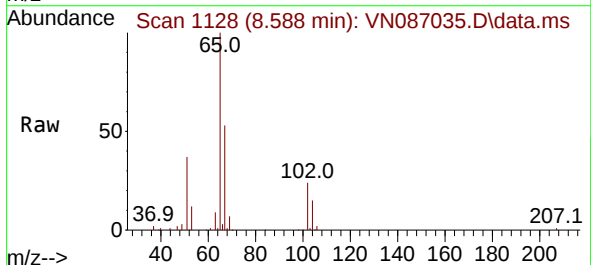
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20250610

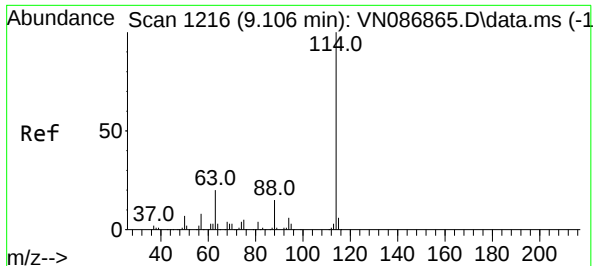
Tgt Ion: 96 Resp: 12801
 Ion Ratio Lower Upper
 96 100
 61 122.2 0.0 278.0
 98 66.6 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 53.633 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN087035.D
 Acq: 16 Jun 2025 16:37

Tgt Ion: 65 Resp: 139461
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087035.D

Acq: 16 Jun 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20250610

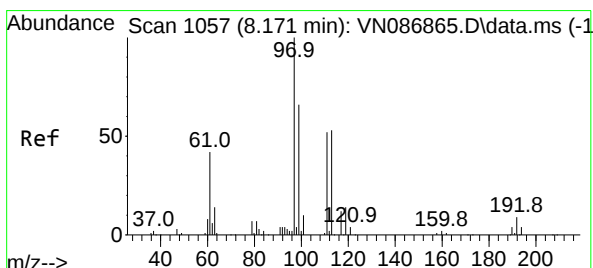
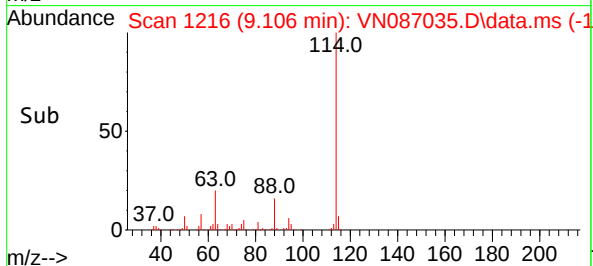
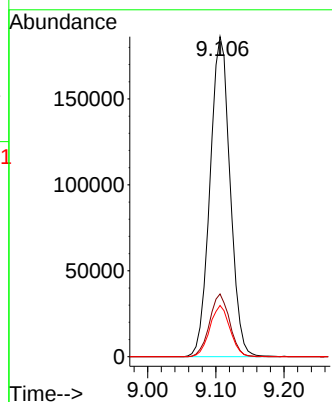
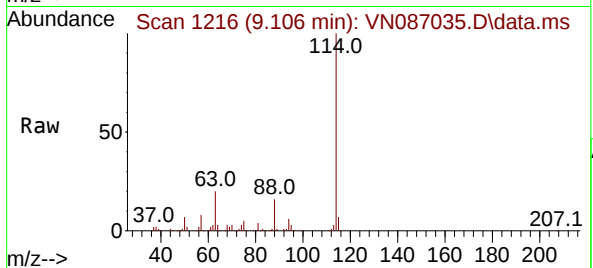
Tgt Ion:114 Resp: 382353

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.787 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087035.D

Acq: 16 Jun 2025 16:37

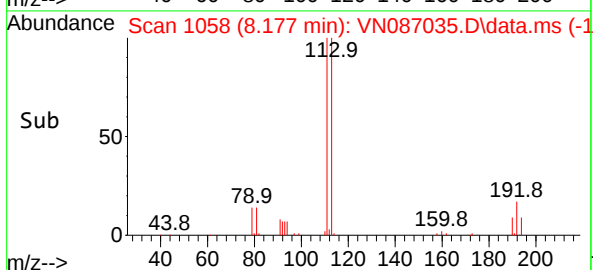
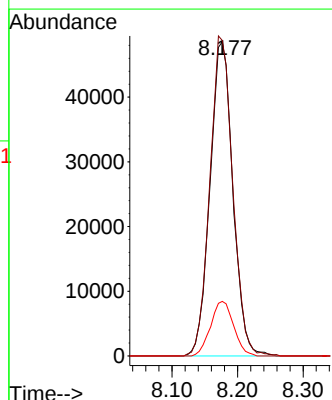
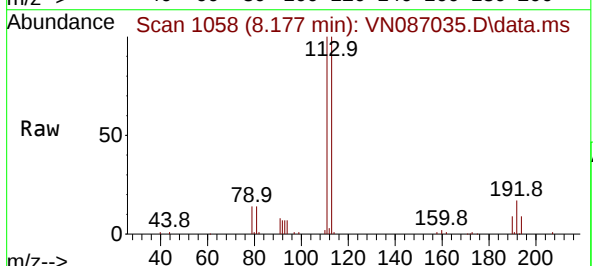
Tgt Ion:113 Resp: 117345

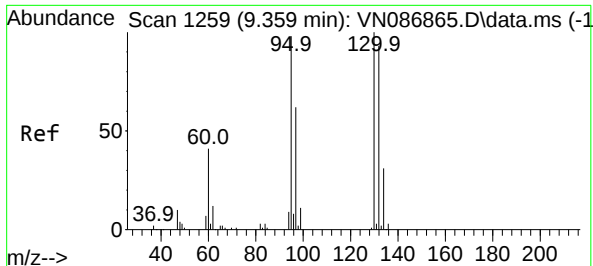
Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.2

192 17.5 14.2 21.4

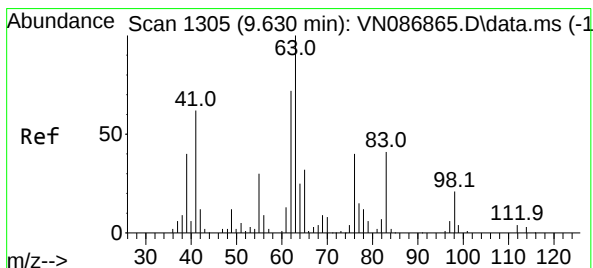
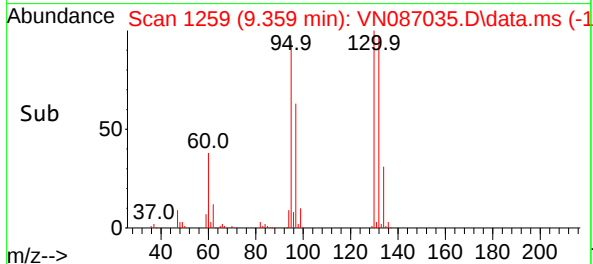
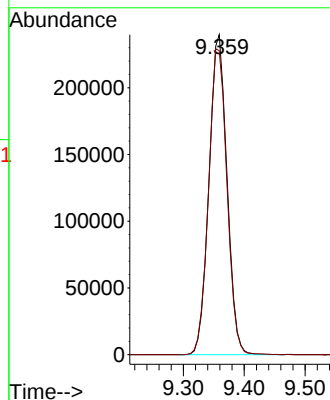
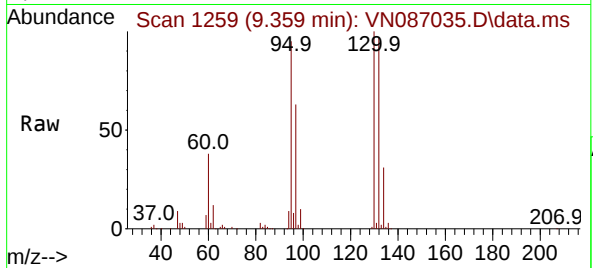




#44
Trichloroethene
Concen: 187.546 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

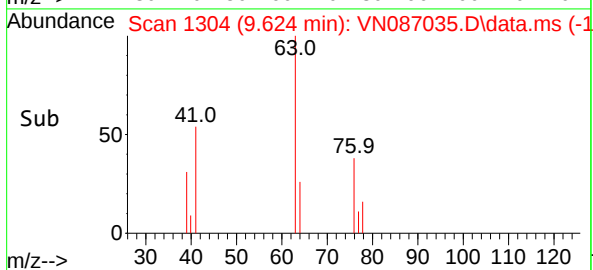
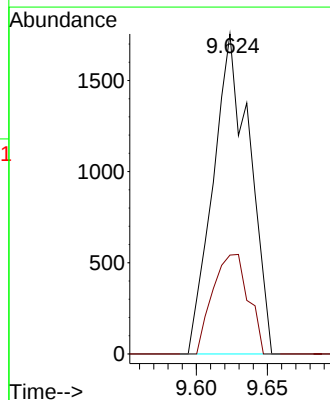
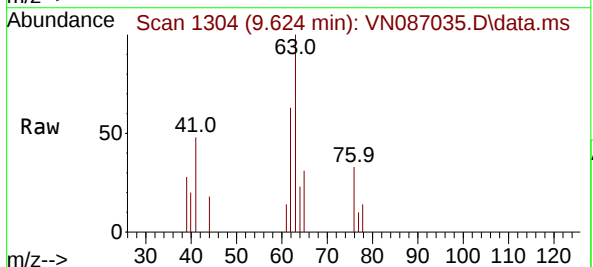
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20250610

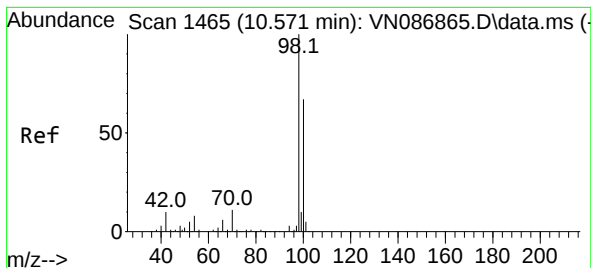
Tgt Ion:130 Resp: 491001
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.2



#45
1,2-Dichloropropane
Concen: 1.169 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

Tgt Ion: 63 Resp: 3139
Ion Ratio Lower Upper
63 100
65 30.9 25.5 38.3





#50

Toluene-d8

Concen: 52.472 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087035.D

Acq: 16 Jun 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

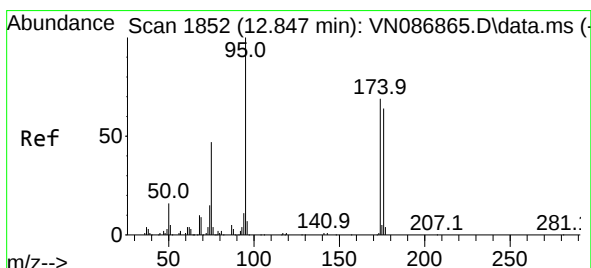
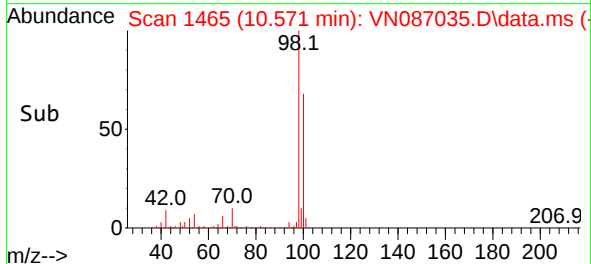
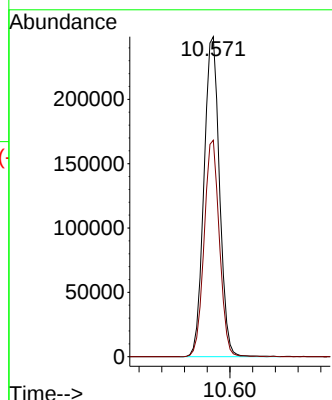
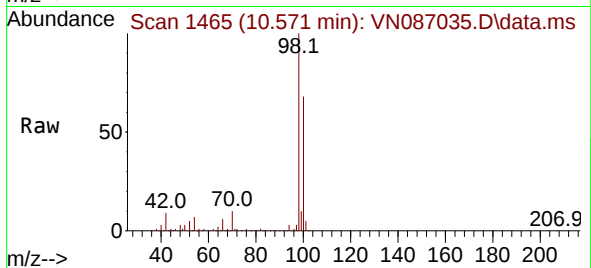
RE134D3-20250610

Tgt Ion: 98 Resp: 470679

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.348 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN087035.D

Acq: 16 Jun 2025 16:37

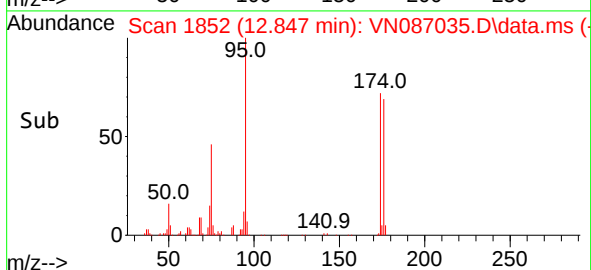
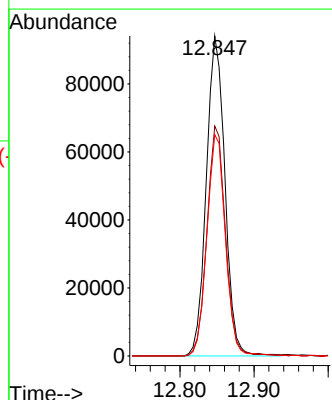
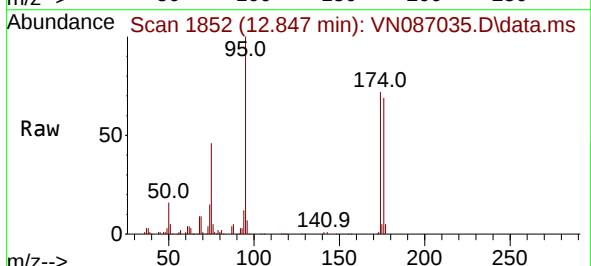
Tgt Ion: 95 Resp: 164461

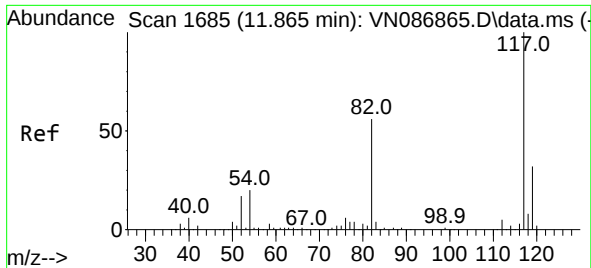
Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.8

176 69.0 0.0 132.6

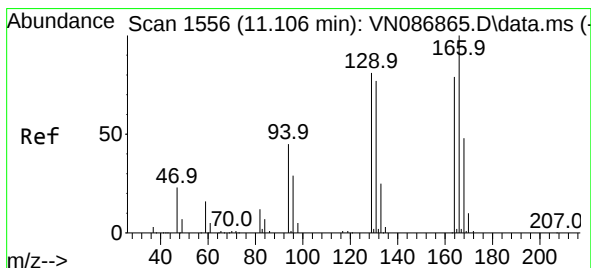
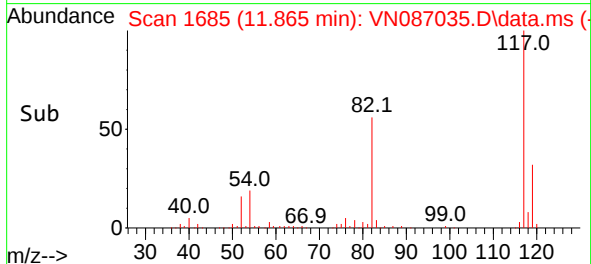
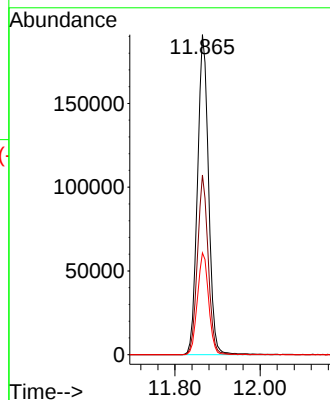
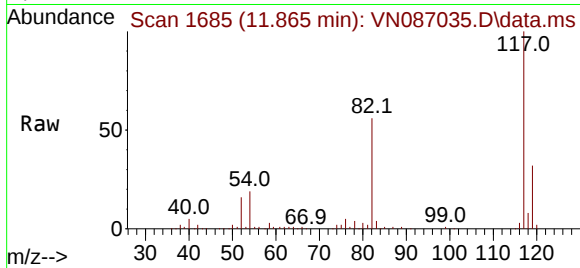




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

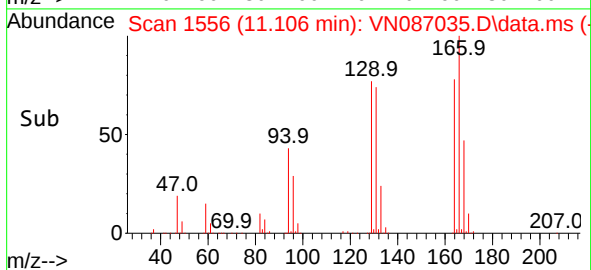
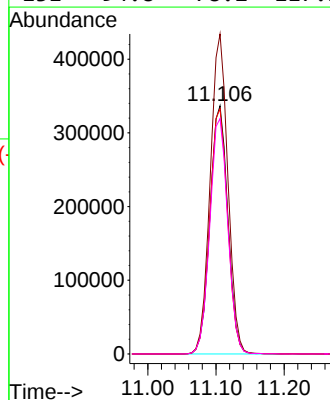
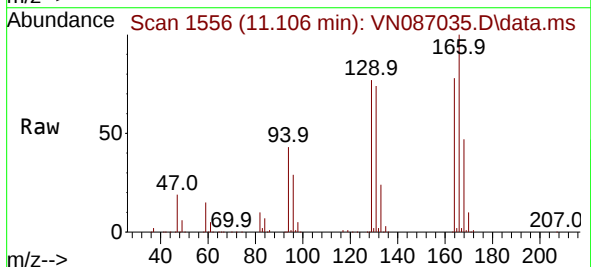
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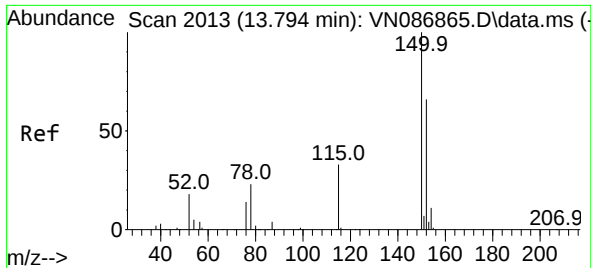
Tgt Ion:117 Resp: 344228
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 282.918 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

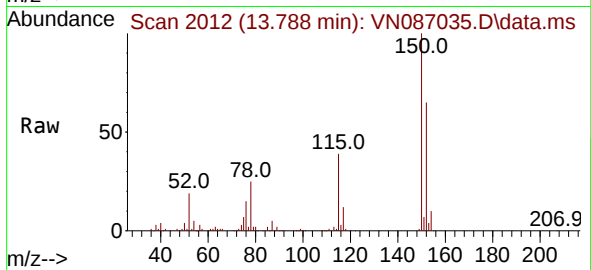
Tgt Ion:164 Resp: 616337
Ion Ratio Lower Upper
164 100
166 128.9 101.8 152.8
129 98.8 83.0 124.4
131 94.8 78.2 117.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087035.D
Acq: 16 Jun 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 162344
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.5
150 156.2 0.0 345.0

