

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087039.D
 Acq On : 16 Jun 2025 18:02
 Operator : JC\MD
 Sample : Q2299-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20250611

Quant Time: Jun 17 07:27:29 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)

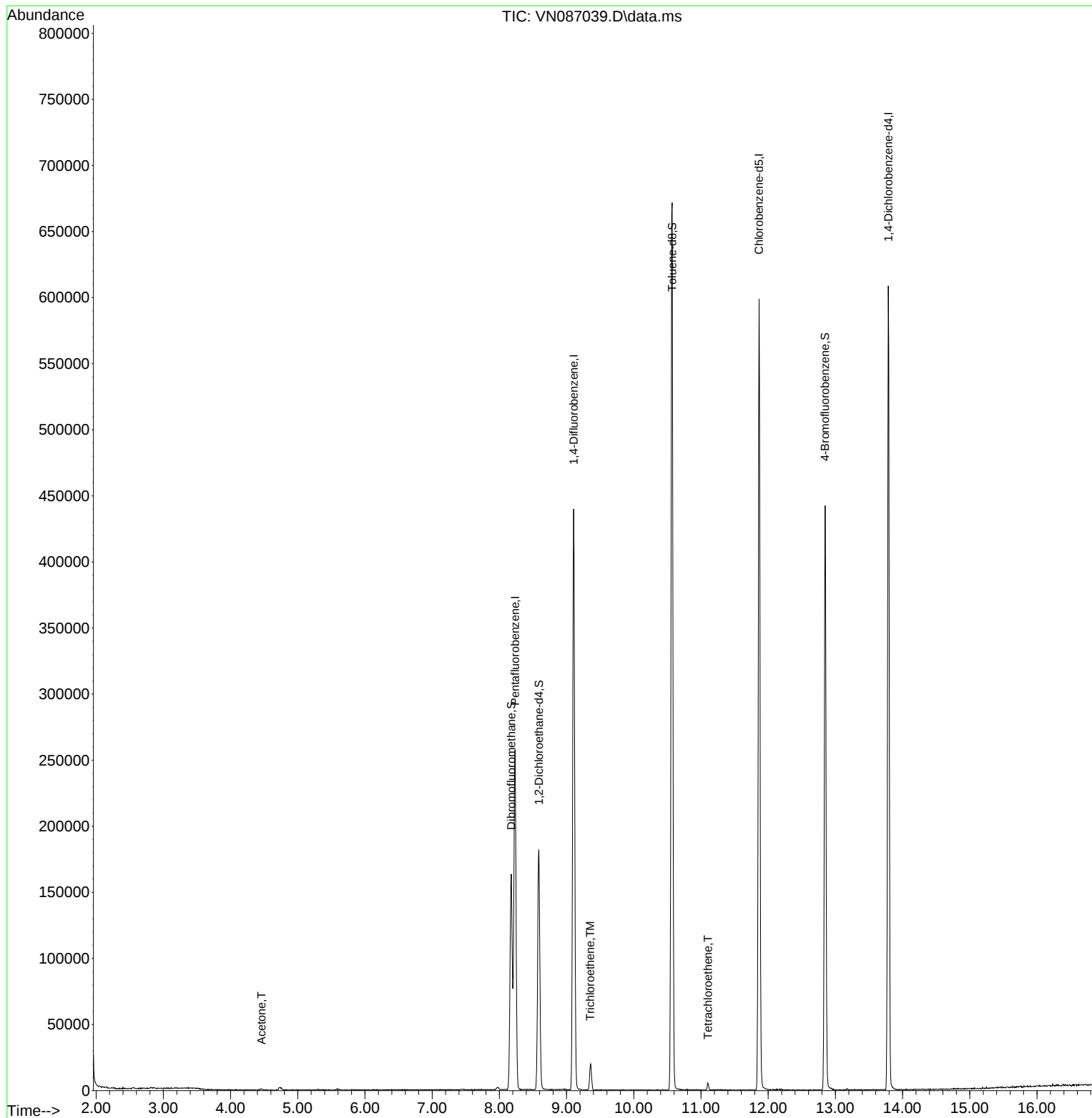
Internal Standards						
1) Pentafluorobenzene	8.235	168	205063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	411667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	147287	53.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.300%
35) Dibromofluoromethane	8.177	113	126902	52.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.040%
50) Toluene-d8	10.571	98	506312	52.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.847	95	178049	49.621	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.240%
Target Compounds						
						Qvalue
16) Acetone	4.459	43	1846	1.268	ug/l #	80
44) Trichloroethene	9.353	130	7823	2.775	ug/l	90
64) Tetrachloroethene	11.106	164	1026	0.437	ug/l	88

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

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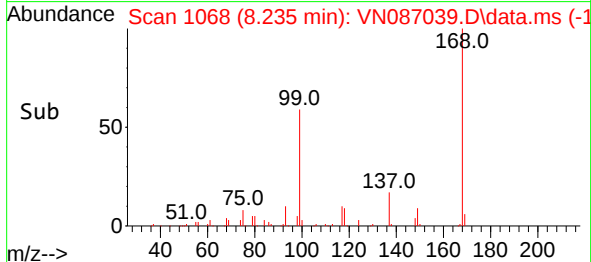
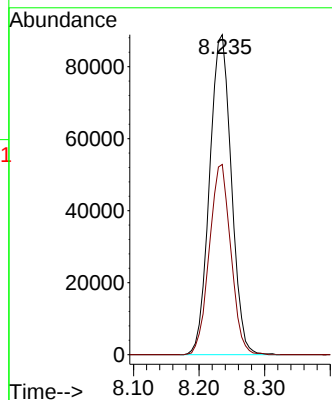
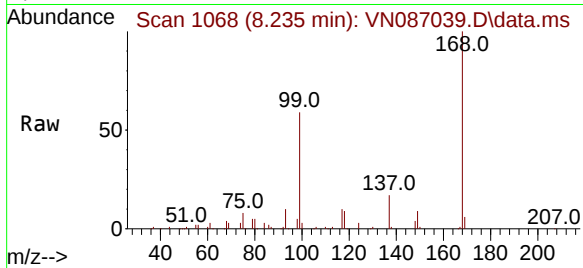




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087039.D
Acq: 16 Jun 2025 18:02

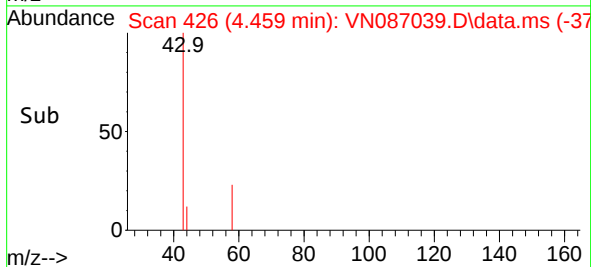
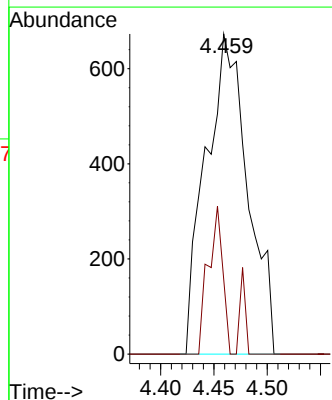
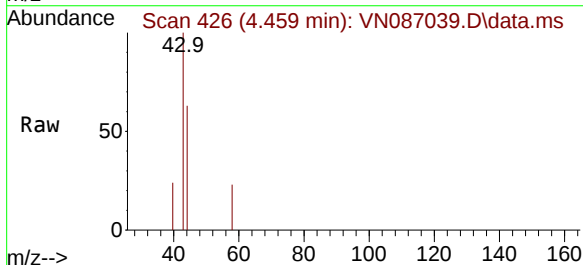
Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20250611

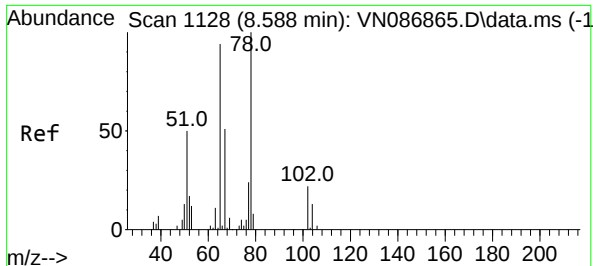
Tgt Ion:168 Resp: 205063
Ion Ratio Lower Upper
168 100
99 59.5 49.1 73.7



#16
Acetone
Concen: 1.268 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087039.D
Acq: 16 Jun 2025 18:02

Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 53.645 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087039.D

Acq: 16 Jun 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

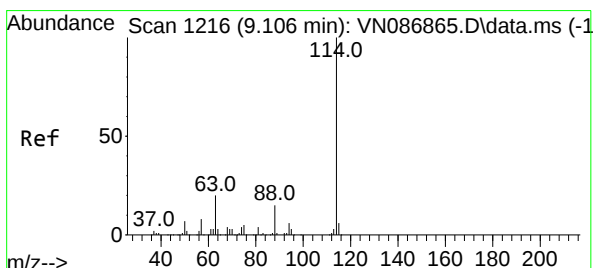
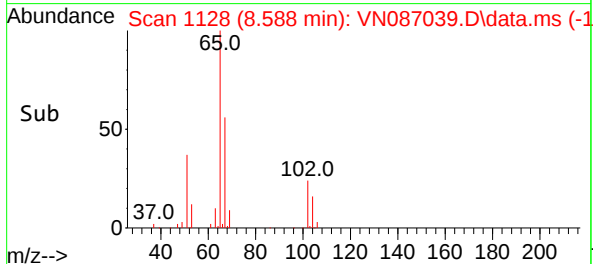
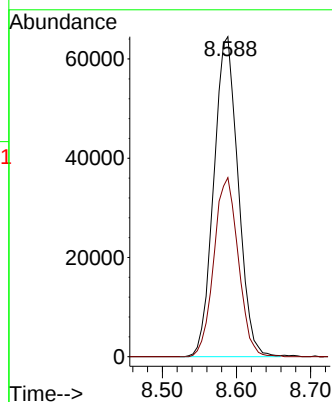
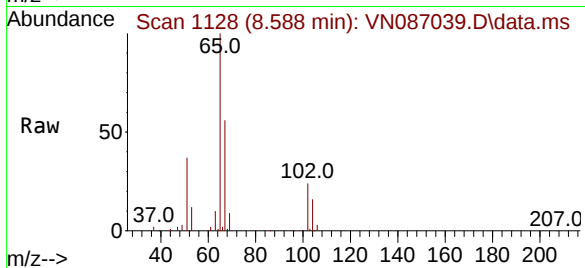
RE134D1-20250611

Tgt Ion: 65 Resp: 147287

Ion Ratio Lower Upper

65 100

67 56.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087039.D

Acq: 16 Jun 2025 18:02

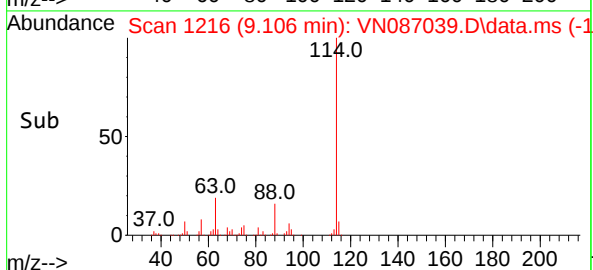
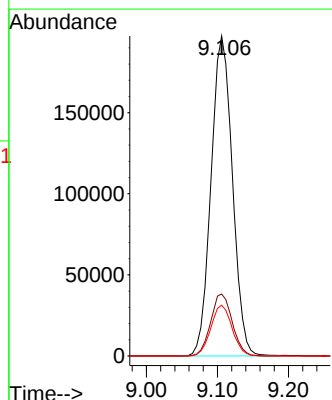
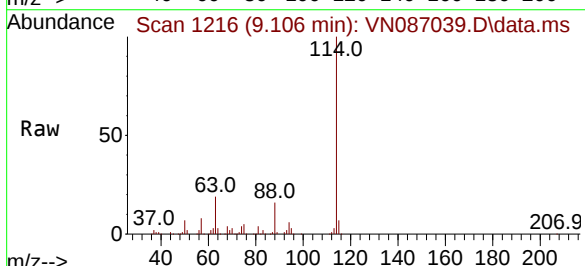
Tgt Ion: 114 Resp: 411667

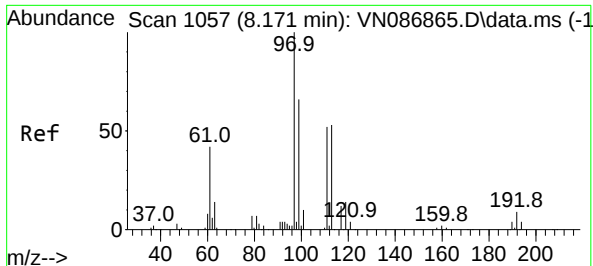
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.017 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087039.D

Acq: 16 Jun 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20250611

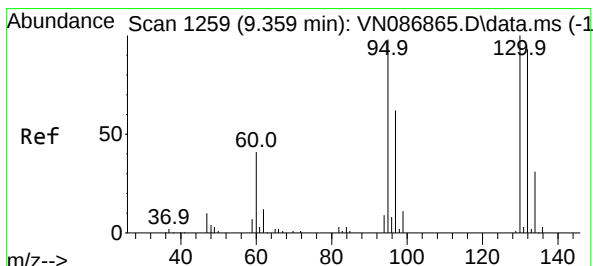
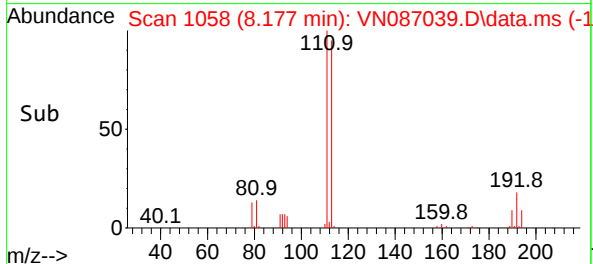
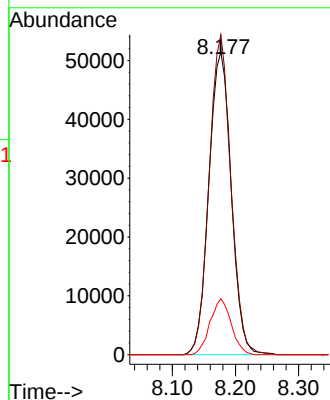
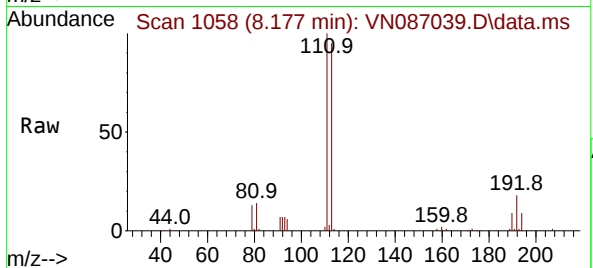
Tgt Ion:113 Resp: 126902

Ion Ratio Lower Upper

113 100

111 102.4 84.2 126.2

192 17.4 14.2 21.4



#44

Trichloroethene

Concen: 2.775 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN087039.D

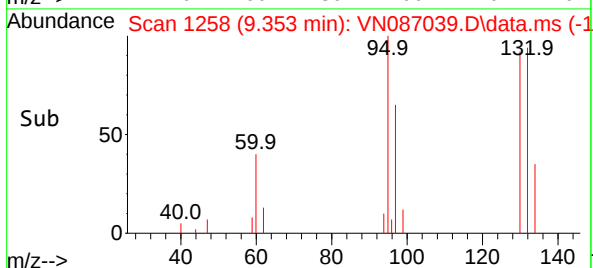
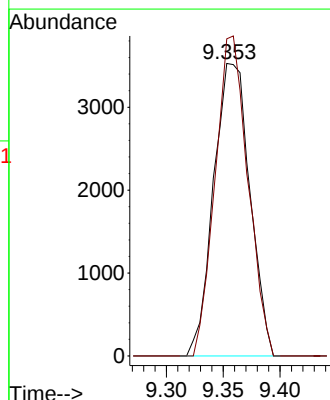
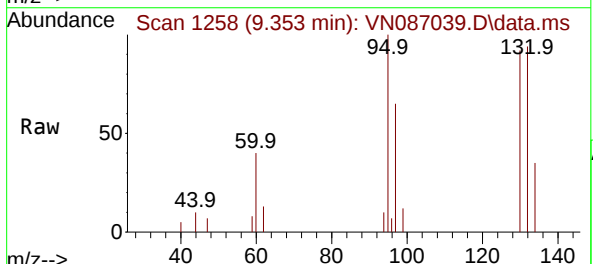
Acq: 16 Jun 2025 18:02

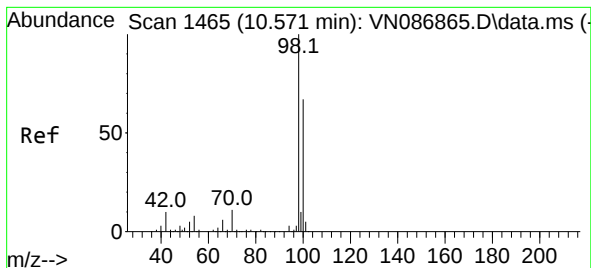
Tgt Ion:130 Resp: 7823

Ion Ratio Lower Upper

130 100

95 108.4 0.0 196.2





#50

Toluene-d8

Concen: 52.425 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087039.D

Acq: 16 Jun 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

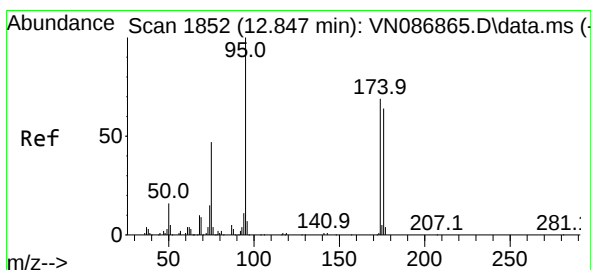
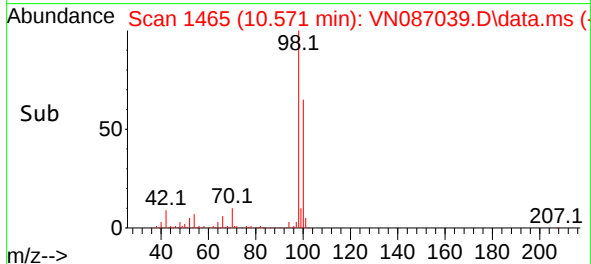
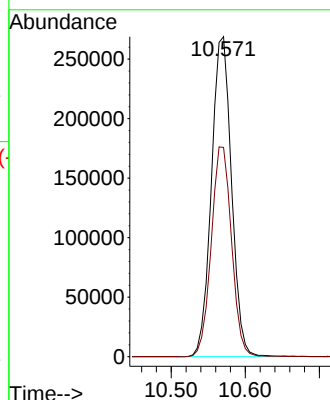
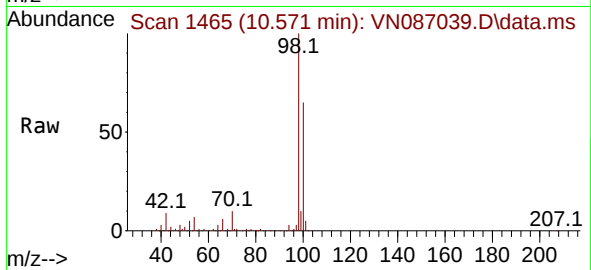
RE134D1-20250611

Tgt Ion: 98 Resp: 506312

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.621 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN087039.D

Acq: 16 Jun 2025 18:02

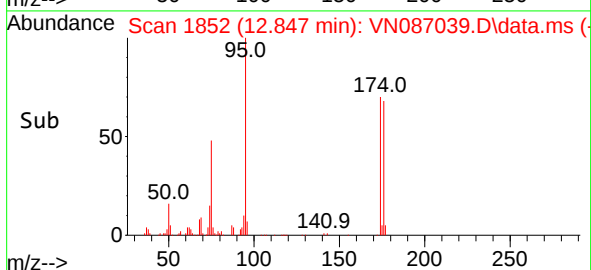
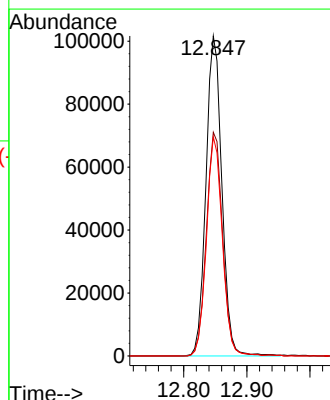
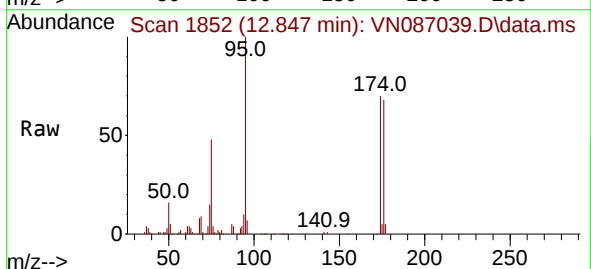
Tgt Ion: 95 Resp: 178049

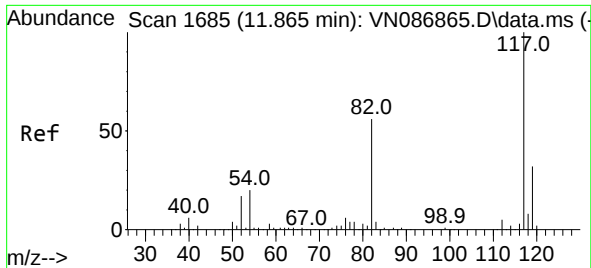
Ion Ratio Lower Upper

95 100

174 71.7 0.0 141.8

176 68.4 0.0 132.6

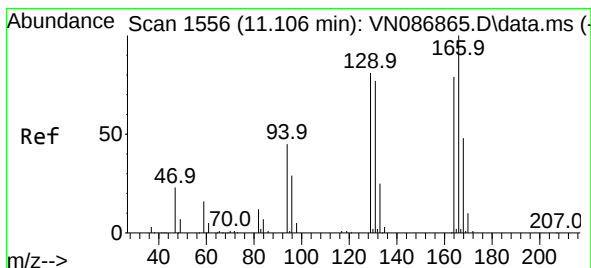
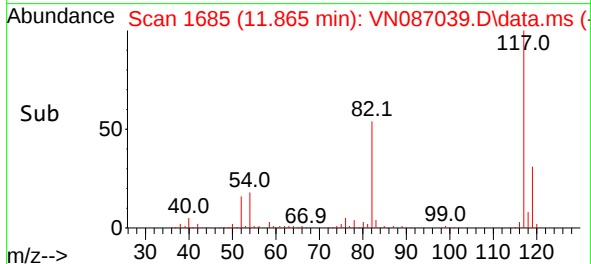
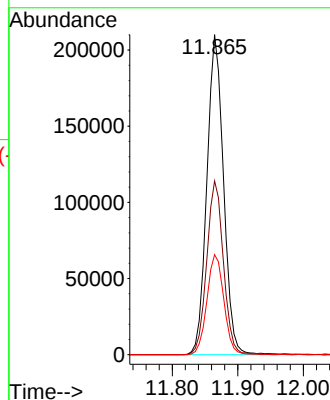
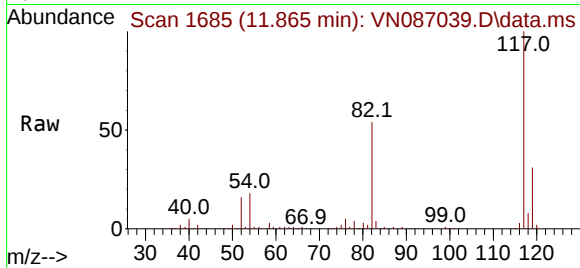




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087039.D
Acq: 16 Jun 2025 18:02

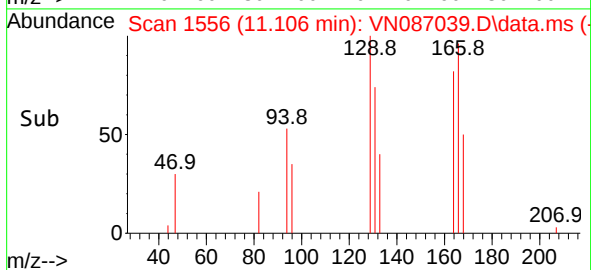
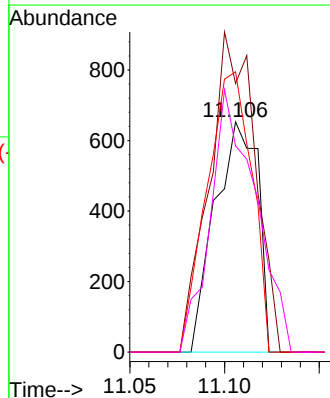
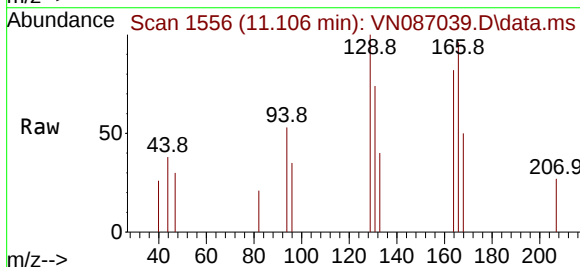
Instrument :
MSVOA_N
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RE134D1-20250611

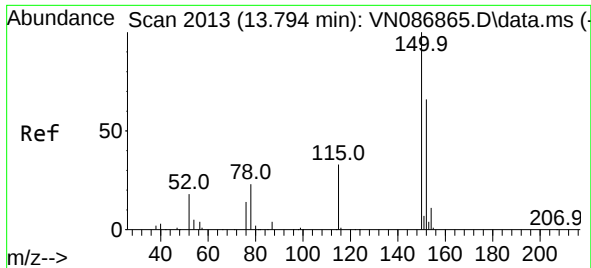
Tgt Ion:117 Resp: 371283
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.437 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087039.D
Acq: 16 Jun 2025 18:02

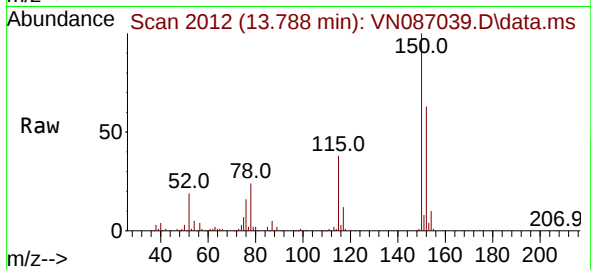
Tgt Ion:164 Resp: 1026
Ion Ratio Lower Upper
164 100
166 116.7 101.8 152.8
129 121.7 83.0 124.4
131 89.6 78.2 117.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087039.D
Acq: 16 Jun 2025 18:02

Instrument :
MSVOA_N
ClientSampleId :
RE134D1-20250611



Tgt Ion:152 Resp: 176304
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 158.2 0.0 345.0

