

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087377.D
 Acq On : 21 Jul 2025 14:16
 Operator : JC\MD
 Sample : Q2645-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW5B-CARBON-20250716

Quant Time: Jul 22 03:07:55 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)

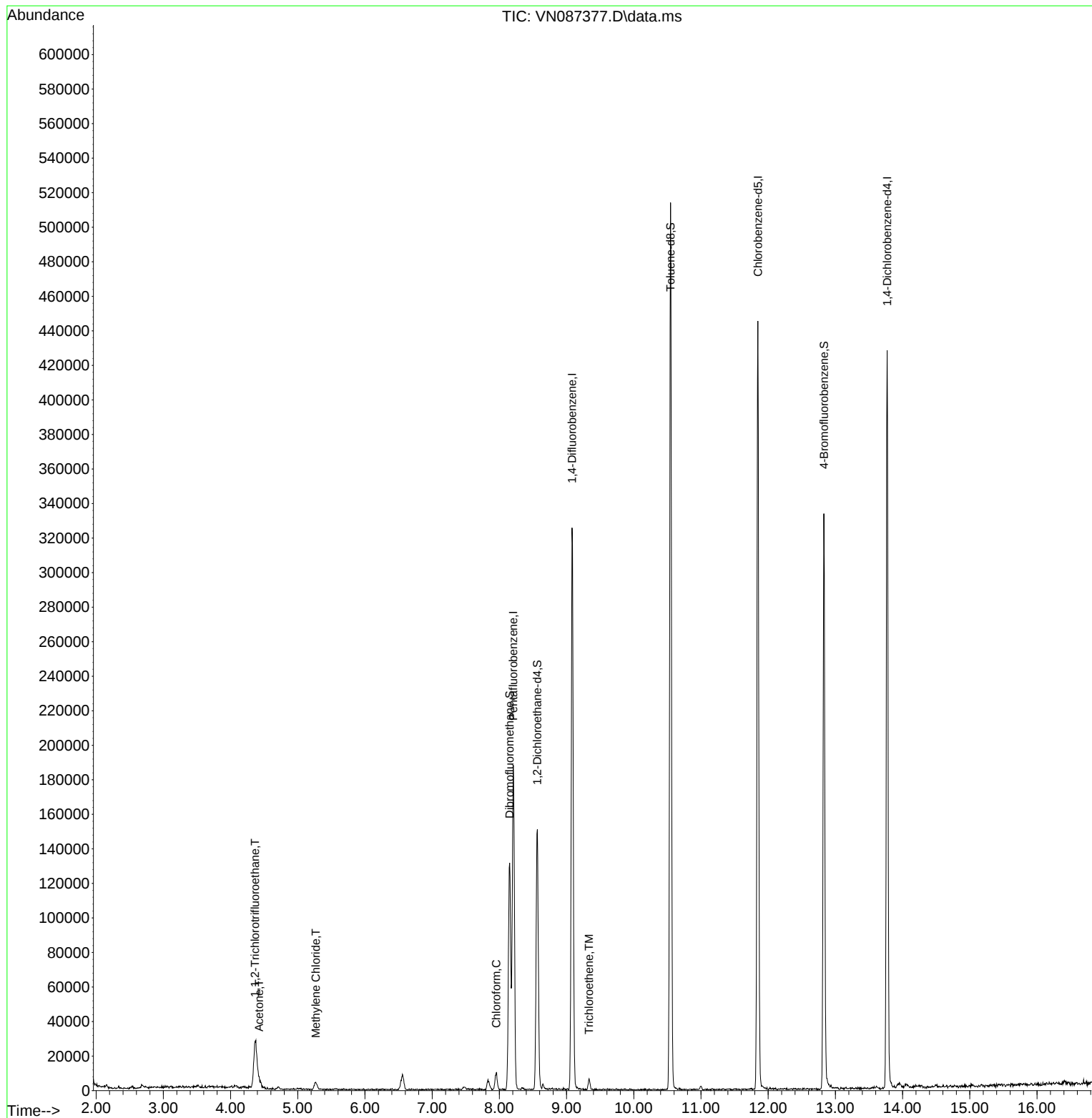
Internal Standards						
1) Pentafluorobenzene	8.206	168	134547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	274518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	249654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	117578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	128607	56.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.660%	
35) Dibromofluoromethane	8.153	113	98527	52.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	10.547	98	344439	50.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.829	95	115311	46.206	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.365	101	20216	14.913	ug/l	96
16) Acetone	4.424	43	9553	8.925	ug/l #	83
20) Methylene Chloride	5.271	84	3190	1.137	ug/l #	70
30) Chloroform	7.953	83	10238	3.040	ug/l	89
44) Trichloroethene	9.335	130	2139	1.120	ug/l	99

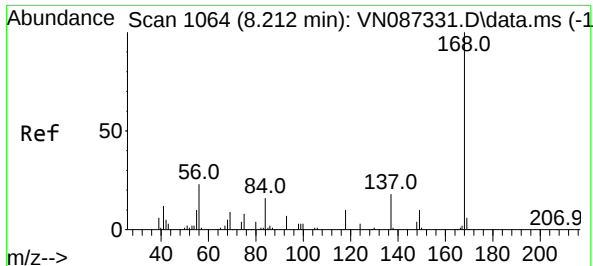
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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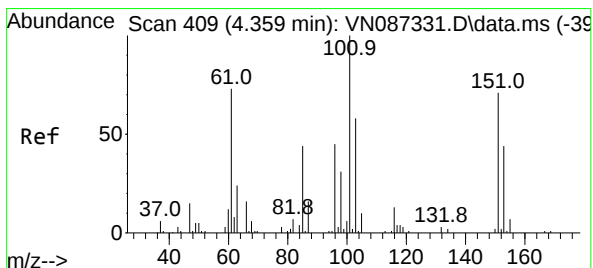
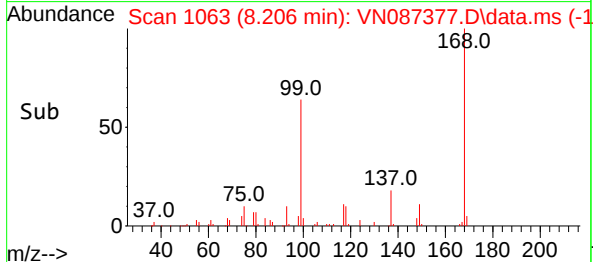
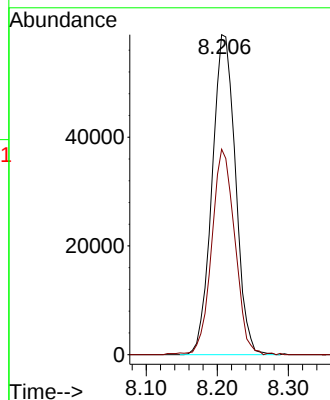
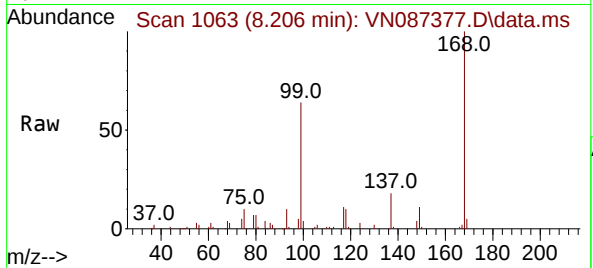




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

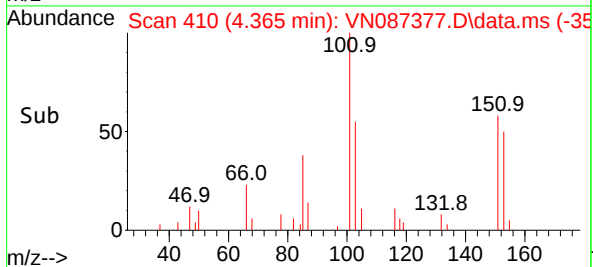
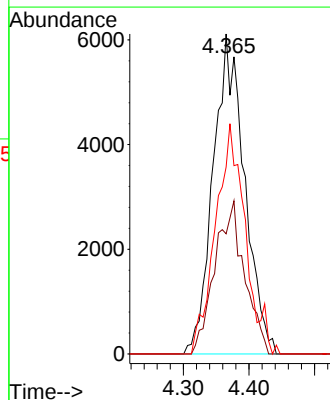
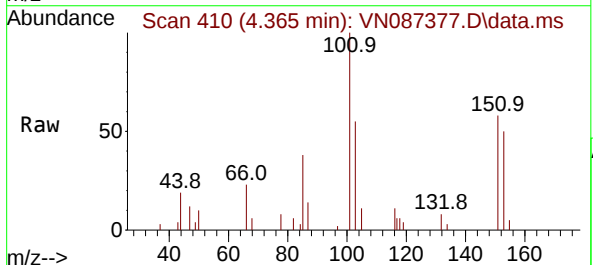
Instrument :
MSVOA_N
ClientSampleId :
RW5B-CARBON-20250716

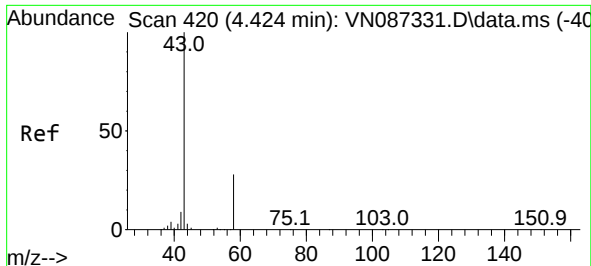
Tgt Ion:168 Resp: 134547
Ion Ratio Lower Upper
168 100
99 63.8 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.913 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

Tgt Ion:101 Resp: 20216
Ion Ratio Lower Upper
101 100
85 45.6 37.3 55.9
151 68.4 58.9 88.3

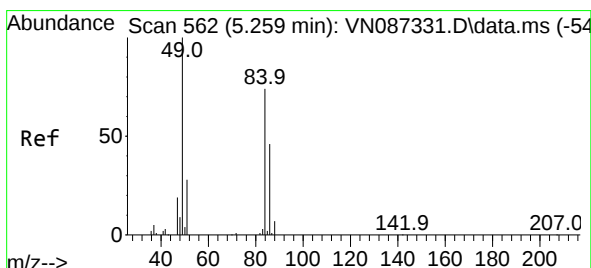
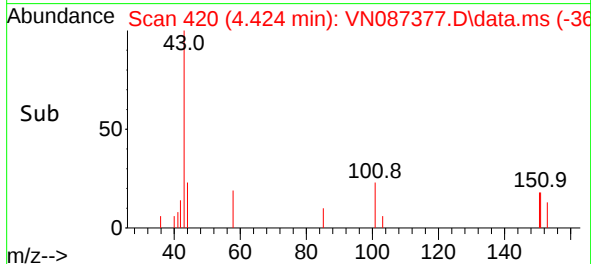
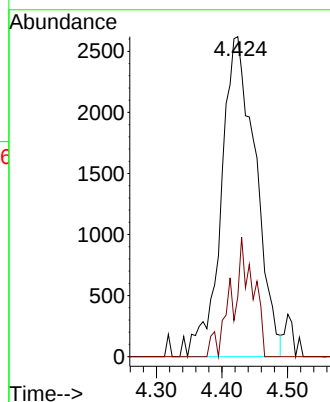
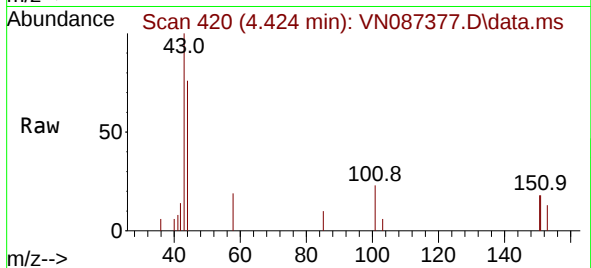




#16
Acetone
Concen: 8.925 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

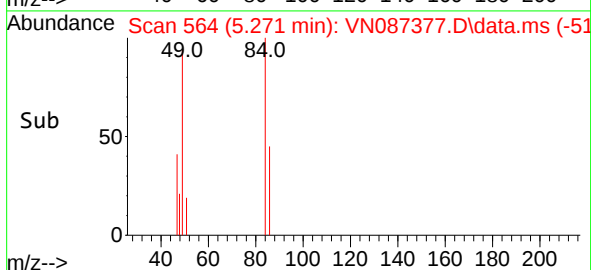
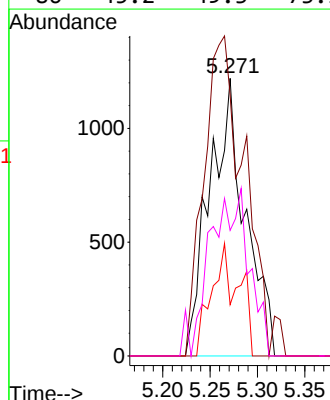
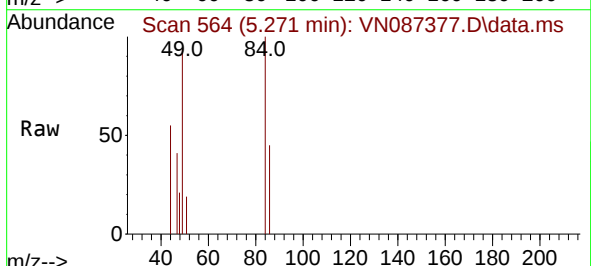
Instrument :
MSVOA_N
ClientSampleId :
RW5B-CARBON-20250716

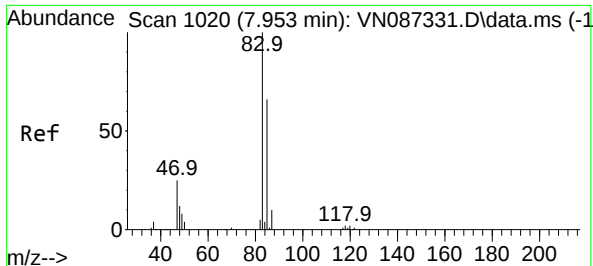
Tgt Ion: 43 Resp: 9553
Ion Ratio Lower Upper
43 100
58 18.7 22.3 33.5#



#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

Tgt Ion: 84 Resp: 3190
Ion Ratio Lower Upper
84 100
49 94.1 107.5 161.3#
51 18.5 30.2 45.2#
86 45.2 49.3 73.9#





#30

Chloroform

Concen: 3.040 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VN087377.D

Acq: 21 Jul 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

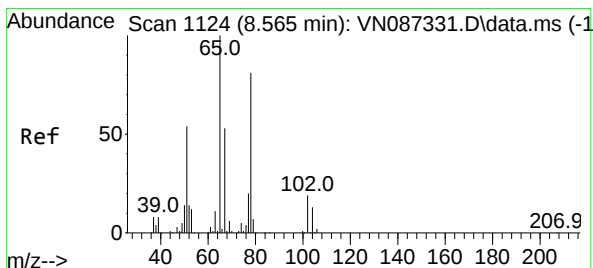
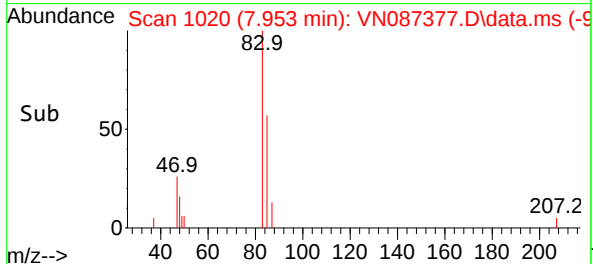
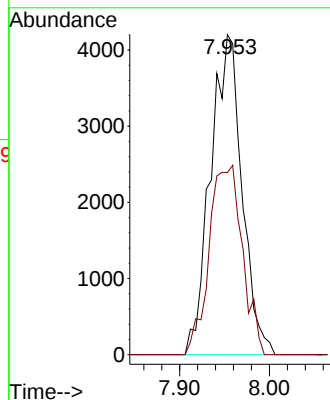
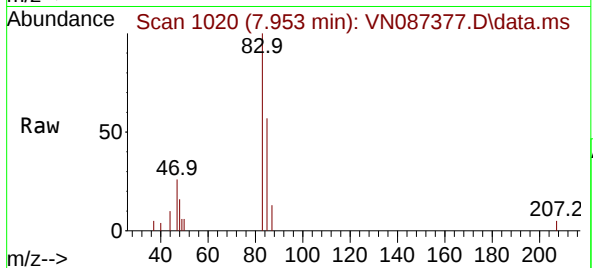
RW5B-CARBON-20250716

Tgt Ion: 83 Resp: 10238

Ion Ratio Lower Upper

83 100

85 56.9 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 56.333 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087377.D

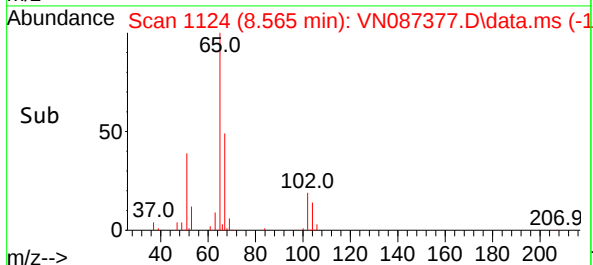
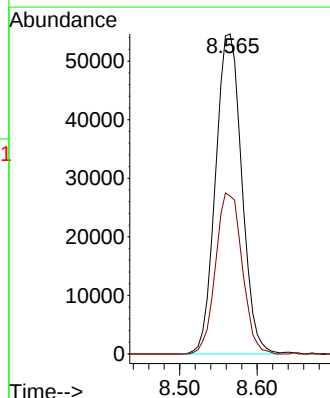
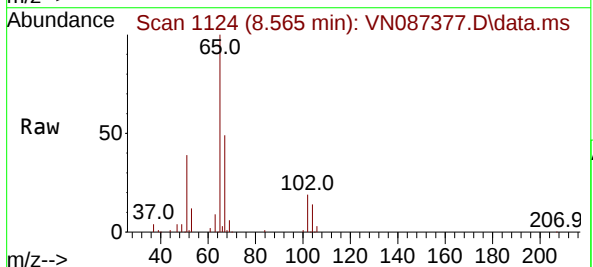
Acq: 21 Jul 2025 14:16

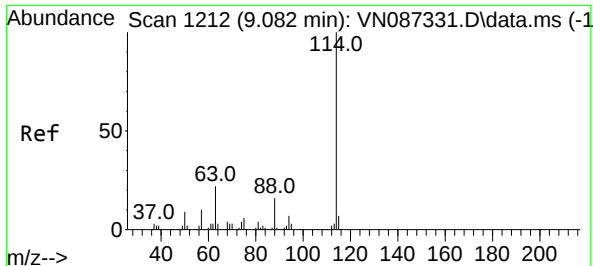
Tgt Ion: 65 Resp: 128607

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN087377.D

Acq: 21 Jul 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

RW5B-CARBON-20250716

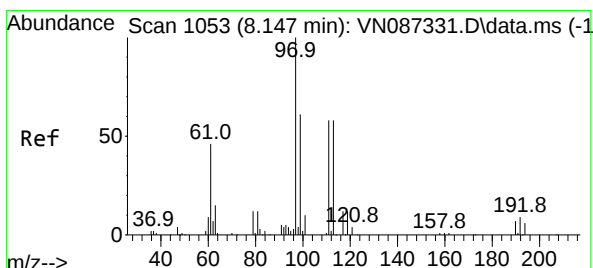
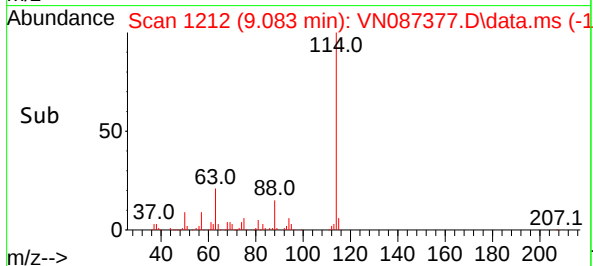
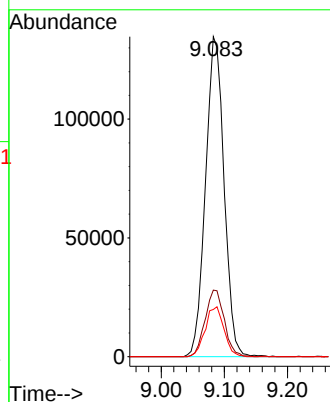
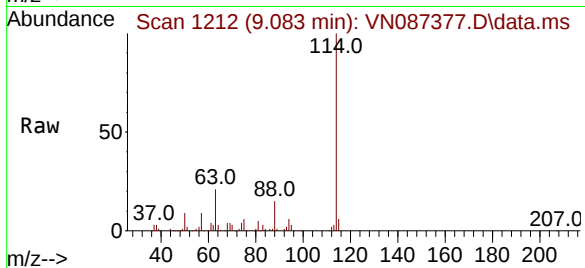
Tgt Ion:114 Resp: 274518

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 14.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.031 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087377.D

Acq: 21 Jul 2025 14:16

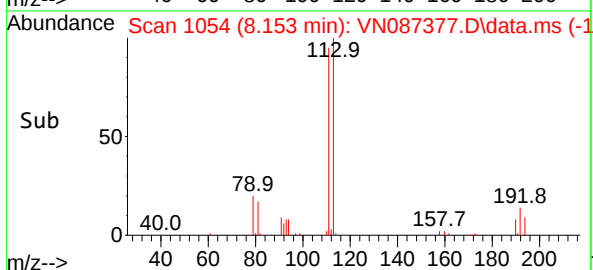
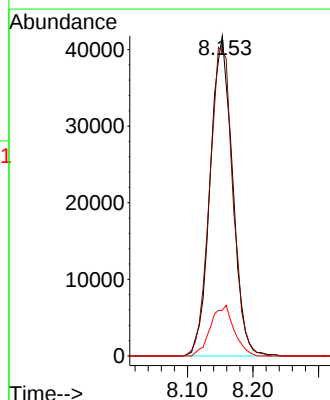
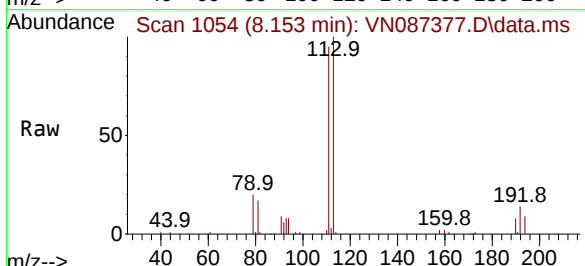
Tgt Ion:113 Resp: 98527

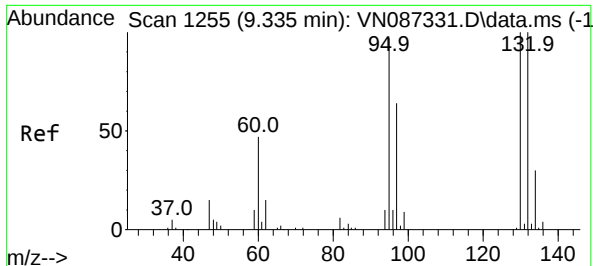
Ion Ratio Lower Upper

113 100

111 100.4 82.5 123.7

192 16.7 13.7 20.5

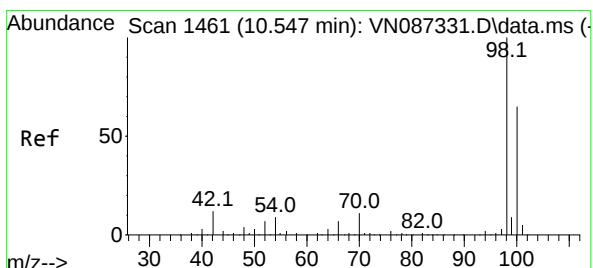
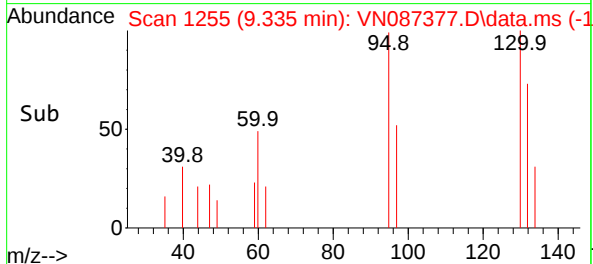
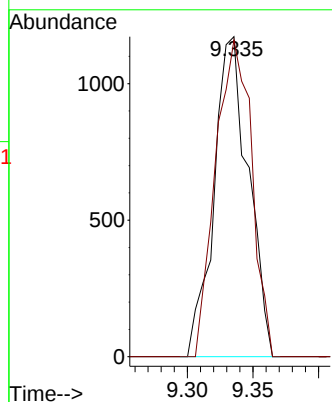
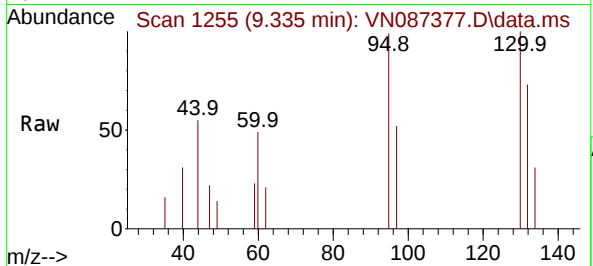




#44
Trichloroethene
Concen: 1.120 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

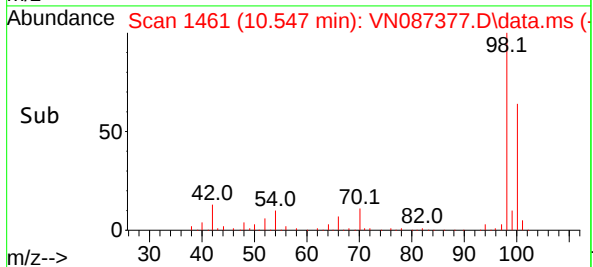
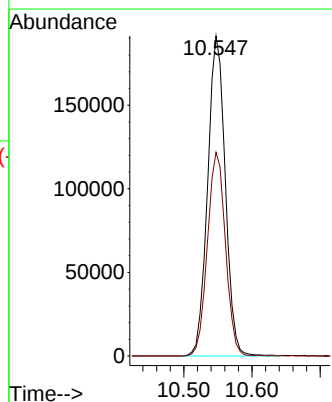
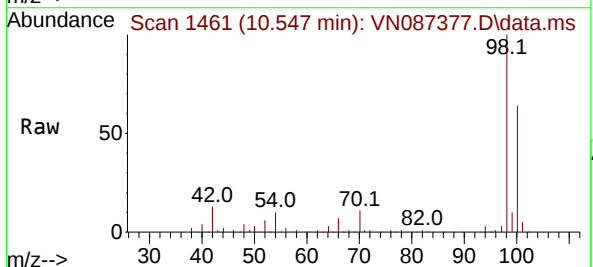
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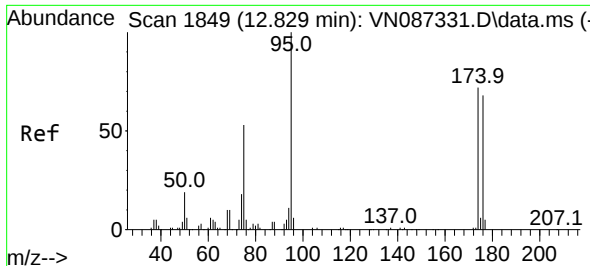
Tgt Ion:130 Resp: 2139
Ion Ratio Lower Upper
130 100
95 98.9 0.0 195.2



#50
Toluene-d8
Concen: 50.992 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

Tgt Ion: 98 Resp: 344439
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

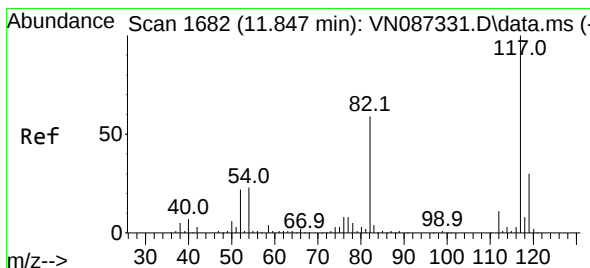
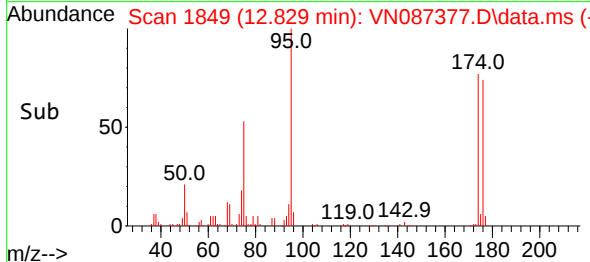
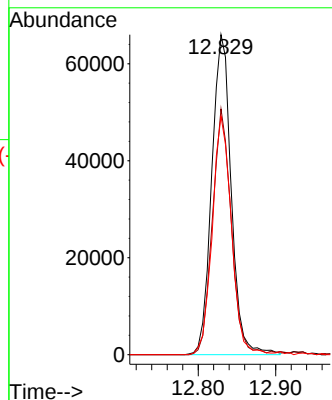
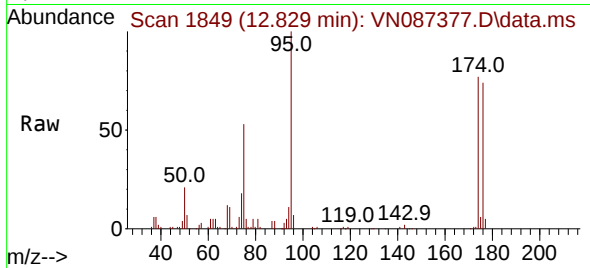




#62
4-Bromofluorobenzene
Concen: 46.206 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

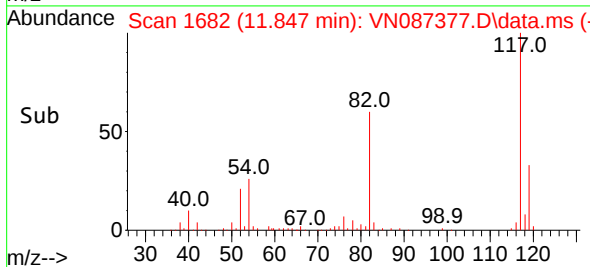
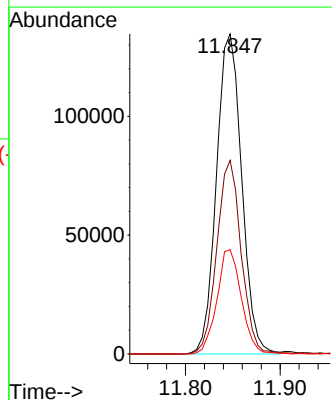
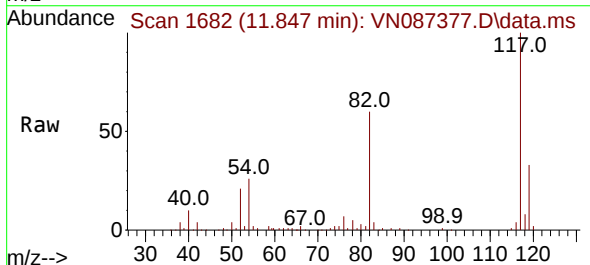
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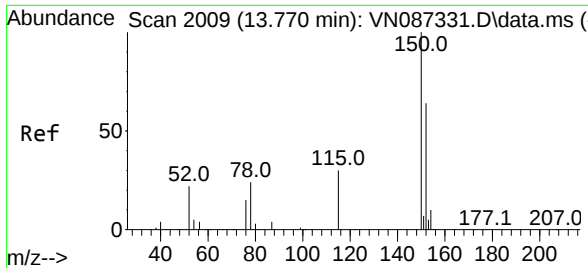
Tgt Ion: 95 Resp: 115311
Ion Ratio Lower Upper
95 100
174 74.2 0.0 149.4
176 73.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087377.D
Acq: 21 Jul 2025 14:16

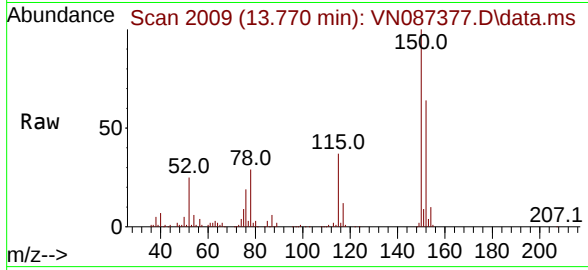
Tgt Ion: 117 Resp: 249654
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.6 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087377.D
 Acq: 21 Jul 2025 14:16

Instrument :
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Tgt Ion:	152	Resp:	117578
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.1	93.5
150	158.2	0.0	349.0

