

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085460.D
 Acq On : 15 Jan 2025 14:37
 Operator : JC\MD
 Sample : Q1069-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW7B-CARBON-20250109

Quant Time: Jan 16 00:59:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

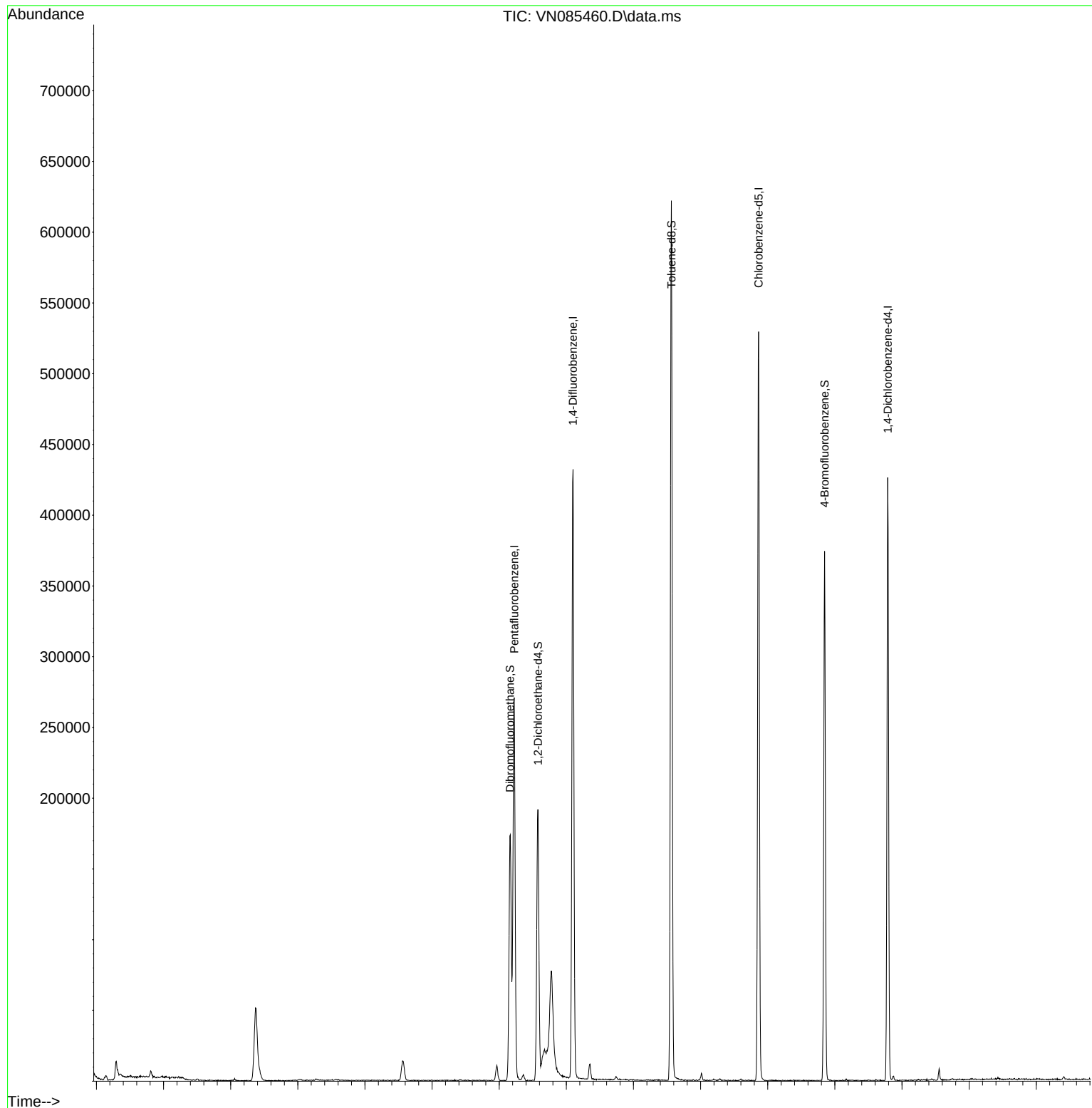
Internal Standards						
1) Pentafluorobenzene	8.224	168	181061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162792	55.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.400%			
35) Dibromofluoromethane	8.159	113	122198	49.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	10.565	98	413472	47.371	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.740%			
62) 4-Bromofluorobenzene	12.847	95	122853	41.146	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.300%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.371	101	36336	16.665	ug/l	99
16) Acetone	4.430	43	13082	13.853	ug/l	100
24) 1,1-Dichloroethane	6.565	63	21243	4.978	ug/l	98
30) Chloroform	7.965	83	9663	2.191	ug/l	99
42) 1,2-Dichloroethane	8.677	62	4024	1.031	ug/l	86
44) Trichloroethene	9.353	130	3555	1.474	ug/l	86

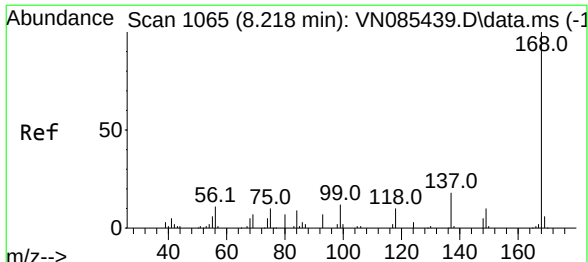
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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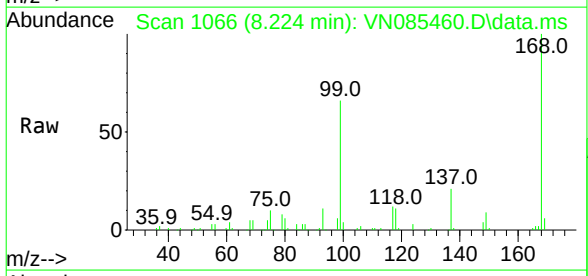
Quant Time: Jan 16 00:59:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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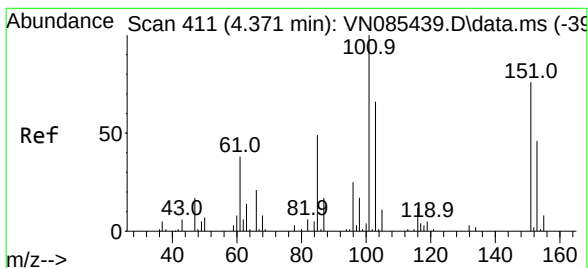
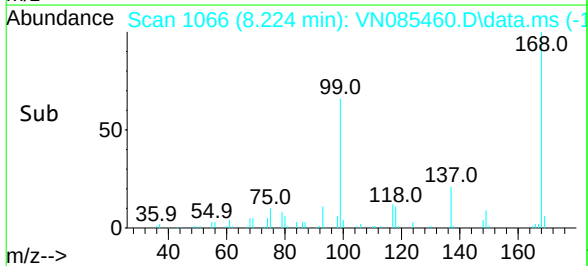
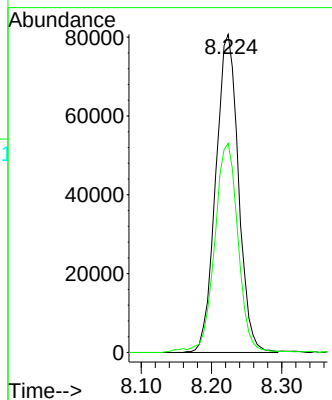


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

Instrument : MSVOA_N
 ClientSampleId : RW7B-CARBON-20250109

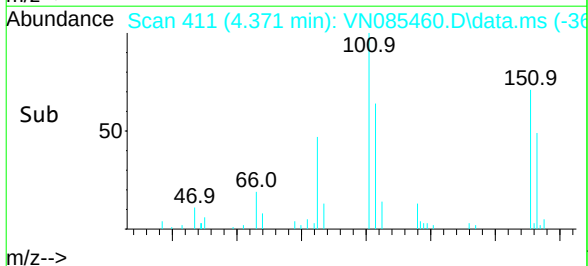
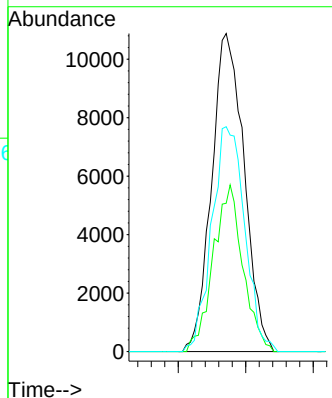
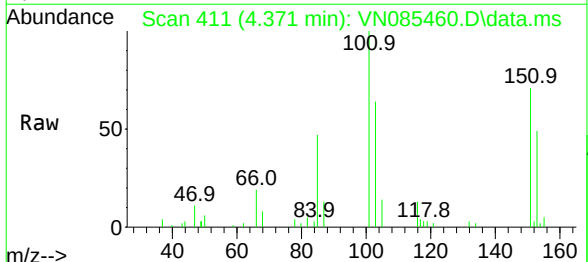


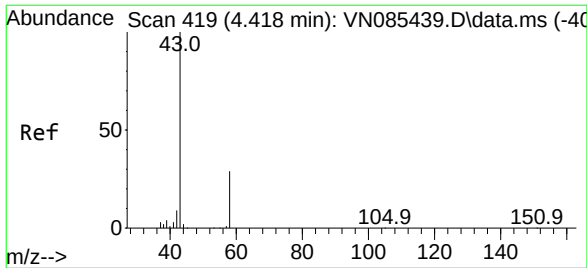
Tgt Ion:168 Resp: 181061
 Ion Ratio Lower Upper
 168 100
 99 65.4 53.6 80.4



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.665 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

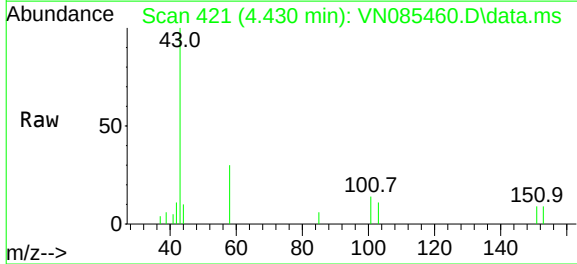
Tgt Ion:101 Resp: 36336
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.8 56.8
 151 71.8 58.8 88.2



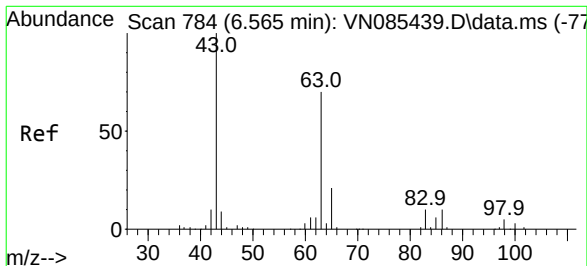
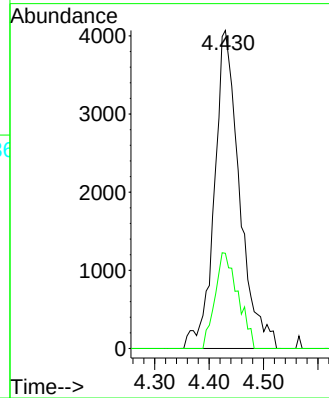
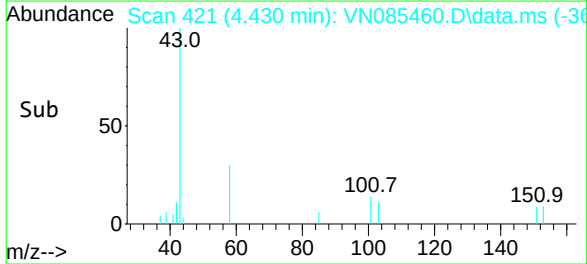


#16
Acetone
Concen: 13.853 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Instrument :
MSVOA_N
ClientSampleId :
RW7B-CARBON-20250109

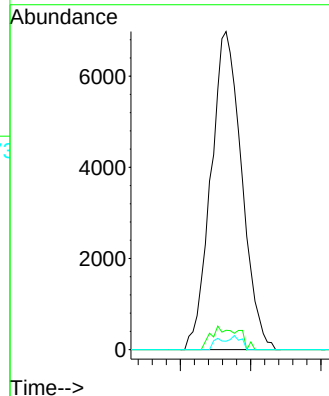
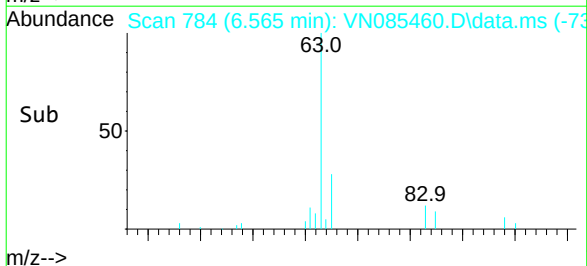
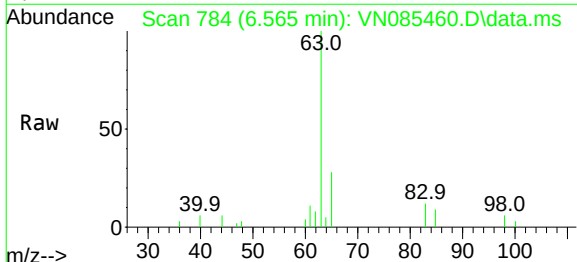


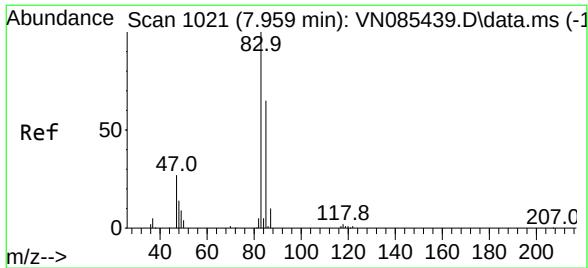
Tgt Ion: 43 Resp: 13082
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6



#24
1,1-Dichloroethane
Concen: 4.978 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 63 Resp: 21243
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.8
100 2.6 2.0 6.0

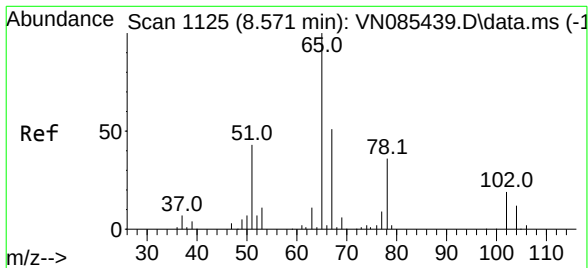
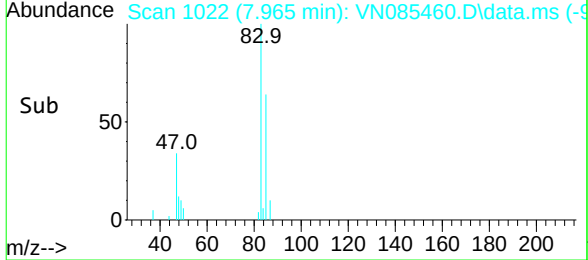
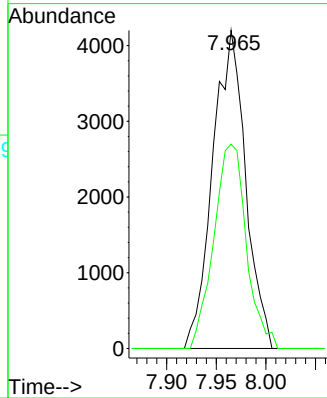
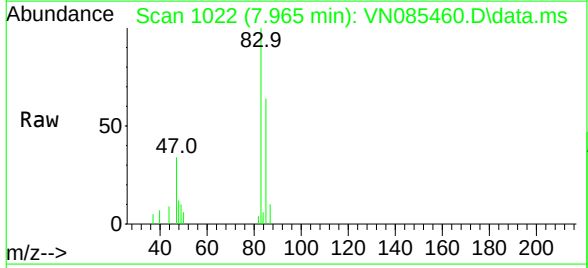




#30
Chloroform
Concen: 2.191 ug/l
RT: 7.965 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

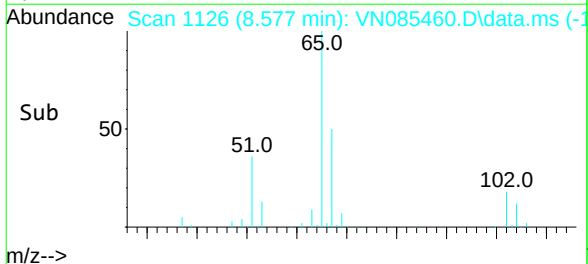
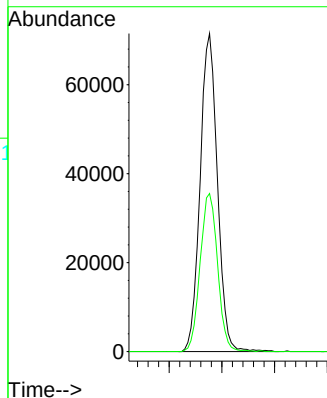
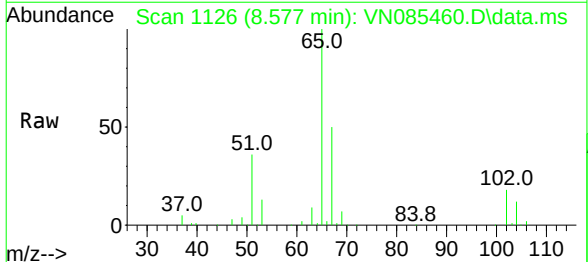
Instrument :
MSVOA_N
ClientSampleId :
RW7B-CARBON-20250109

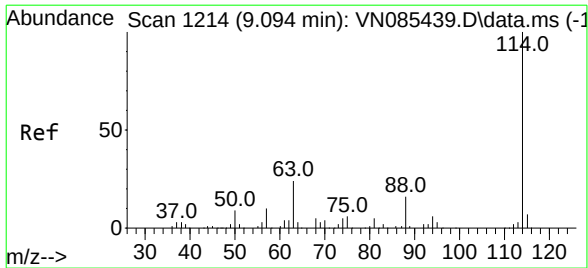
Tgt Ion: 83 Resp: 9663
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.699 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 65 Resp: 162792
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

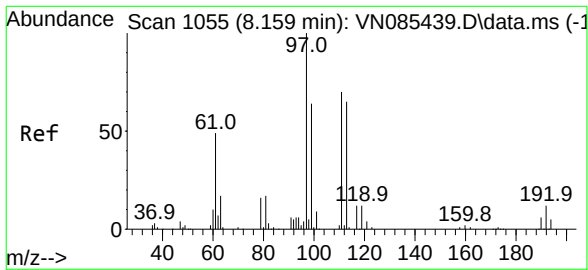
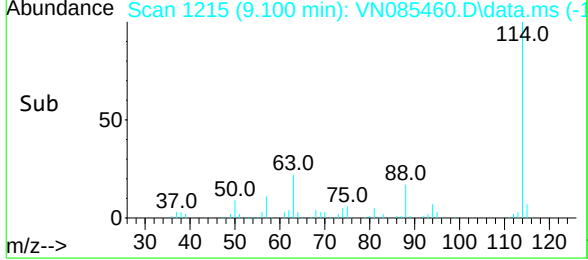
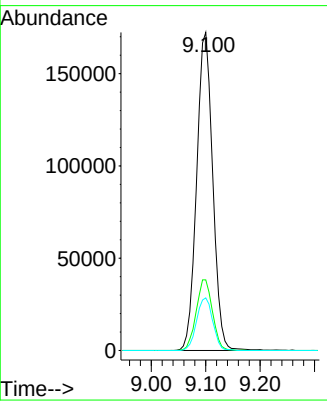
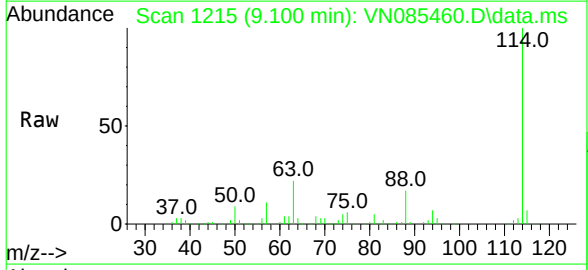




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

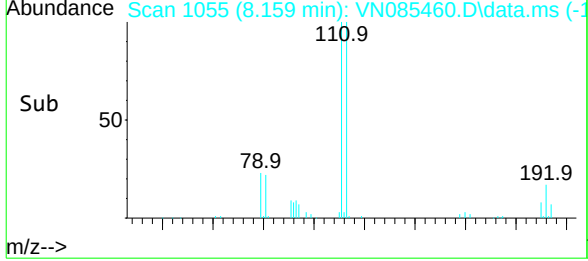
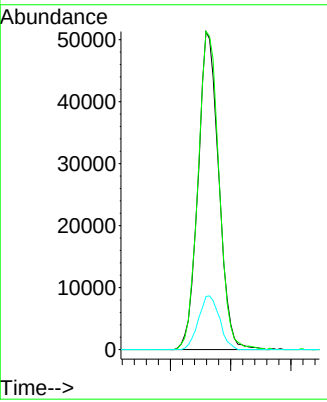
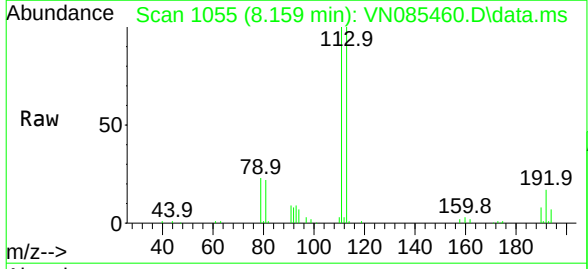
Instrument :
 MSVOA_N
 ClientSampleId :
 RW7B-CARBON-20250109

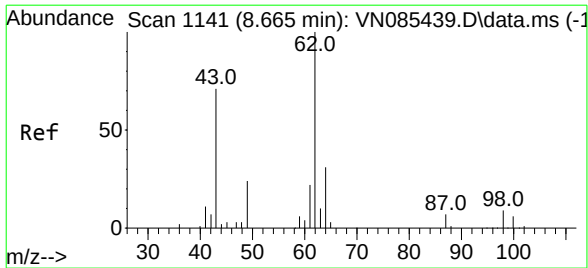
Tgt Ion:	114	Resp:	354107
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.742 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085460.D
 Acq: 15 Jan 2025 14:37

Tgt Ion:	113	Resp:	122198
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.7	124.1
192	17.1	14.3	21.5

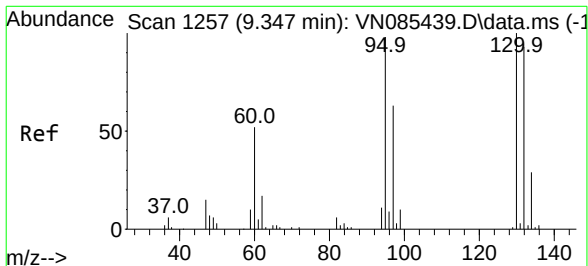
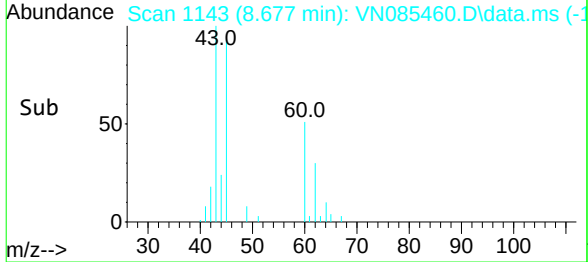
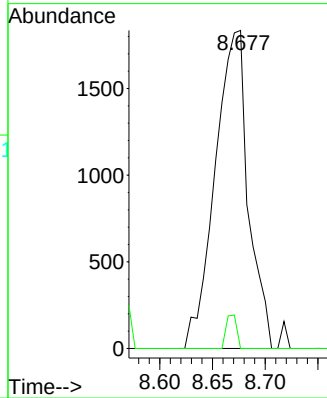
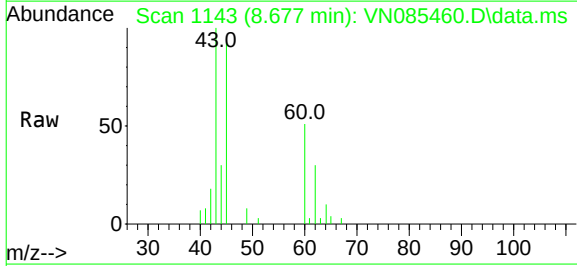




#42
1,2-Dichloroethane
Concen: 1.031 ug/l
RT: 8.677 min Scan# 1141
Delta R.T. 0.012 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

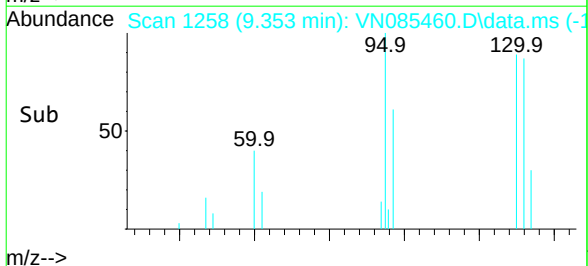
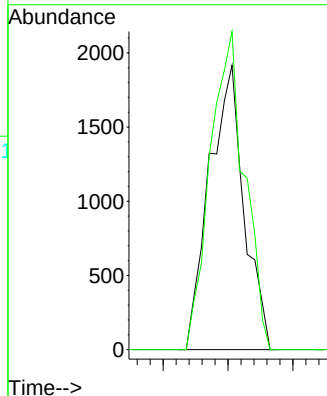
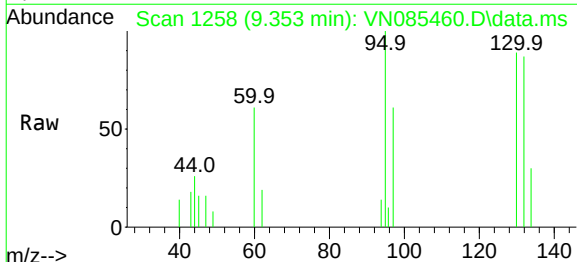
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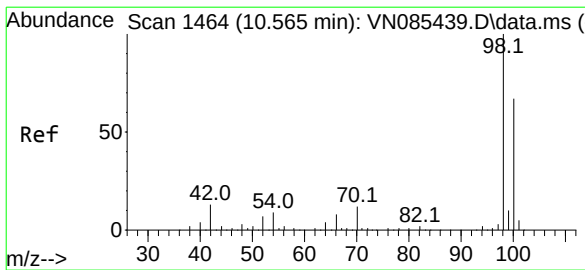
Tgt Ion: 62 Resp: 4024
Ion Ratio Lower Upper
62 100
98 3.3 0.0 17.0



#44
Trichloroethene
Concen: 1.474 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085460.D
Acq: 15 Jan 2025 14:37

Tgt Ion: 130 Resp: 3555
Ion Ratio Lower Upper
130 100
95 111.9 0.0 195.8





#50

Toluene-d8

Concen: 47.371 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085460.D

Acq: 15 Jan 2025 14:37

Instrument :

MSVOA_N

ClientSampleId :

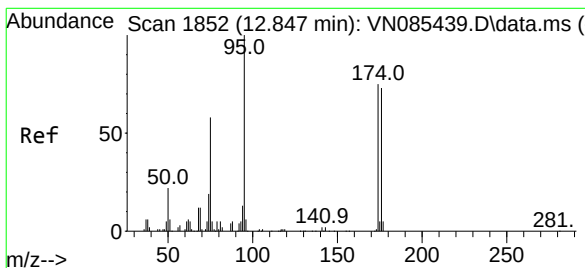
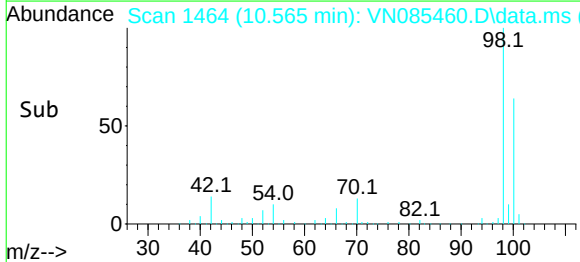
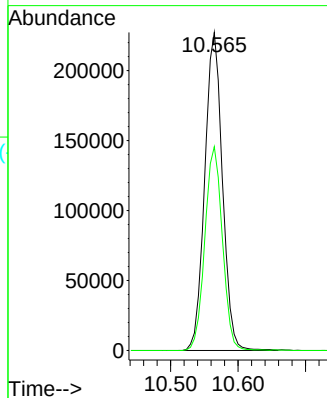
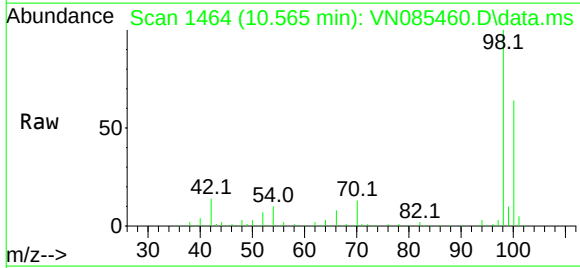
RW7B-CARBON-20250109

Tgt Ion: 98 Resp: 413472

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 41.146 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085460.D

Acq: 15 Jan 2025 14:37

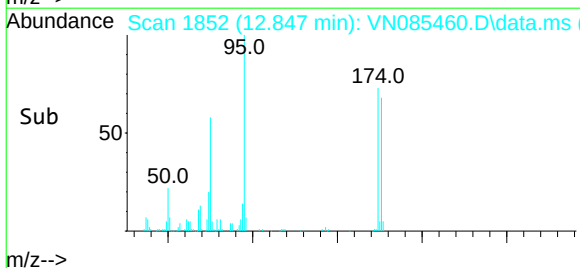
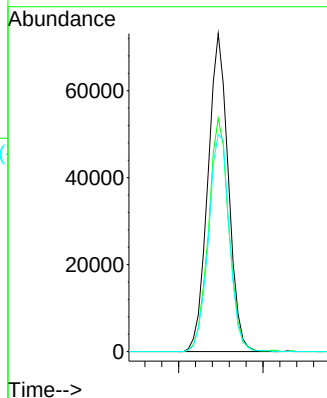
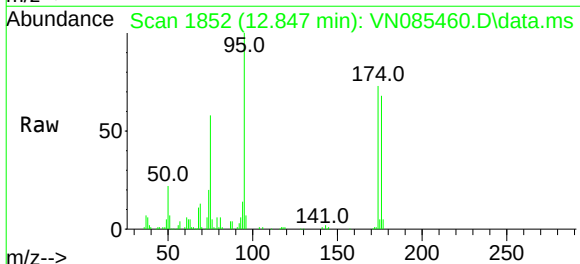
Tgt Ion: 95 Resp: 122853

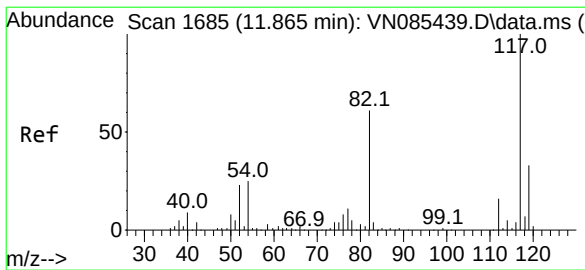
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 70.2 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN085460.D

Acq: 15 Jan 2025 14:37

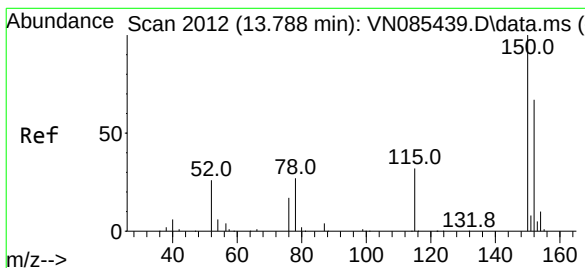
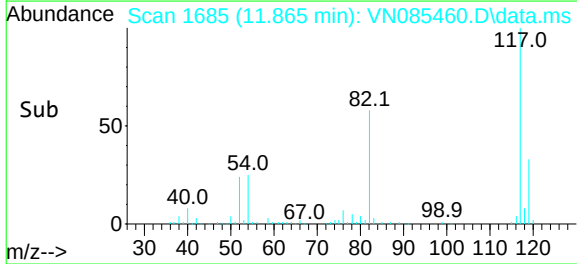
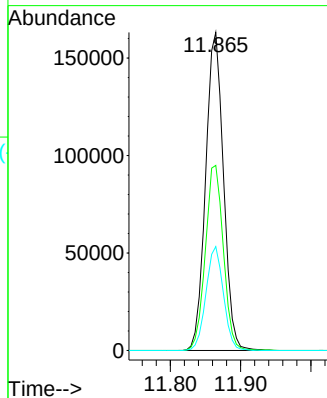
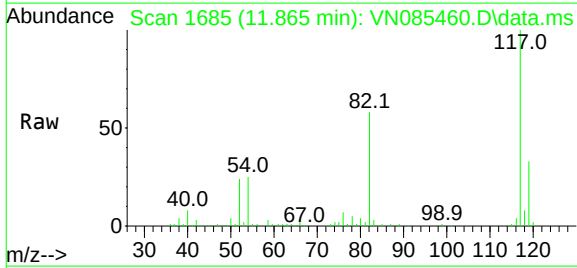
Instrument :

MSVOA_N

ClientSampleId :

RW7B-CARBON-20250109

Tgt Ion:	117	Resp:	288035
Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.6	72.8
119	32.7	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085460.D

Acq: 15 Jan 2025 14:37

Tgt Ion:	152	Resp:	108344
Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.1	93.3
150	159.7	0.0	343.6

