

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085562.D
 Acq On : 29 Jan 2025 17:05
 Operator : JC\MD
 Sample : Q1209-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Jan 30 00:38:36 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)

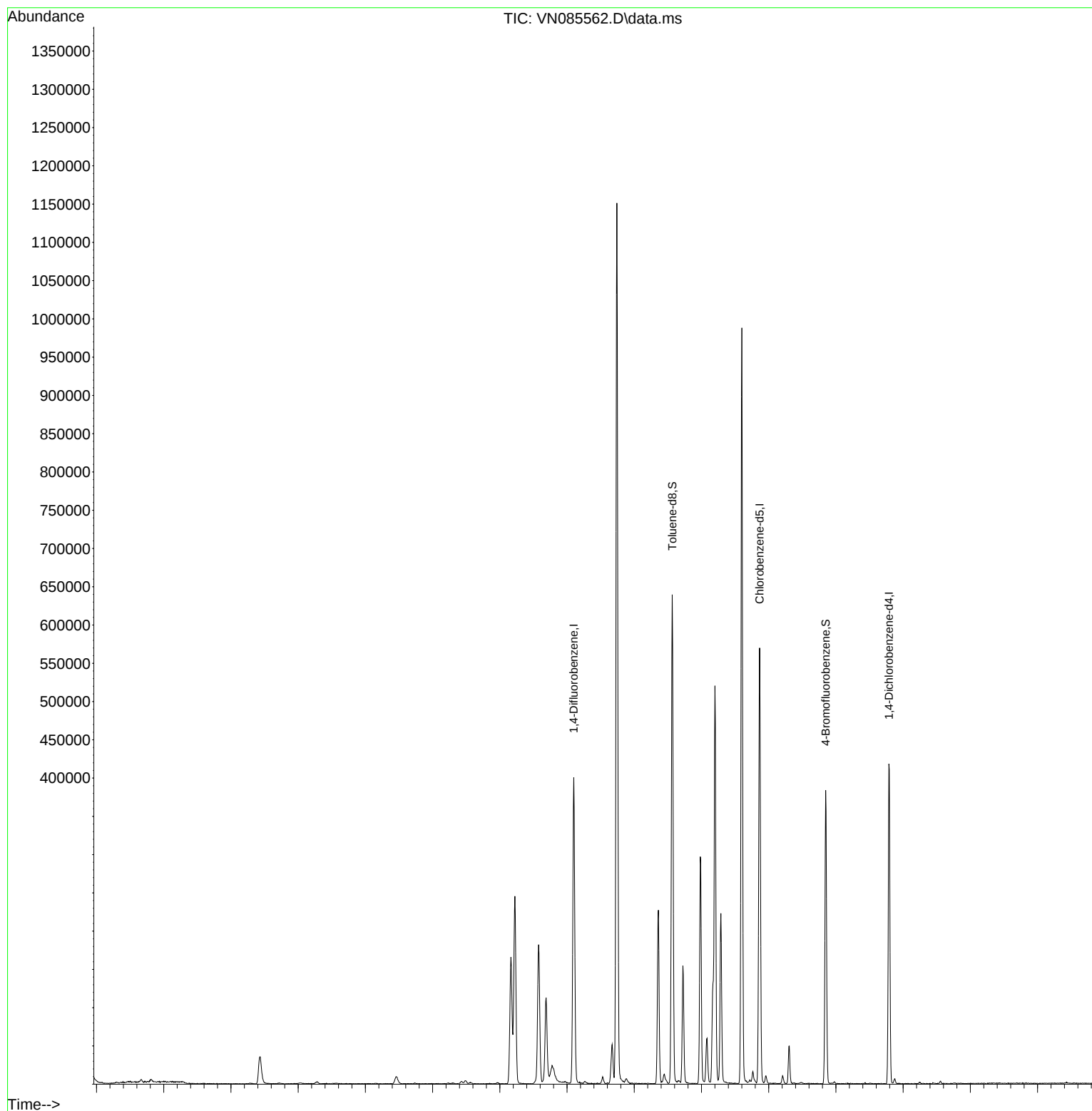
Internal Standards						
1) Pentafluorobenzene	8.224	168	164620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152478	57.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.760%
35) Dibromofluoromethane	8.165	113	113204	50.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.565	98	422385	53.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.847	95	121611	44.868	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.740%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	73157	85.205	ug/l	93
25) 2-Butanone	7.489	43	7124	5.638	ug/l	100
43) Isopropyl Acetate	8.688	43	125912	24.874	ug/l #	87

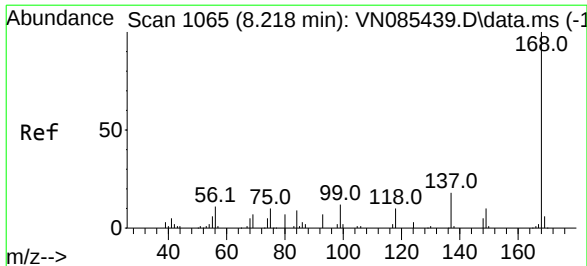
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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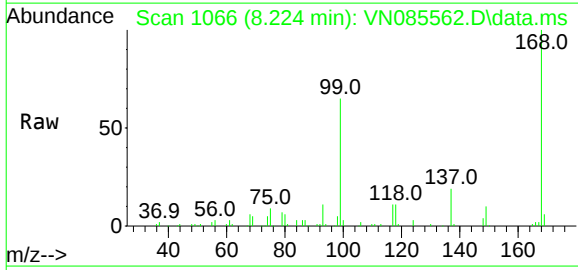
Quant Time: Jan 30 00:38:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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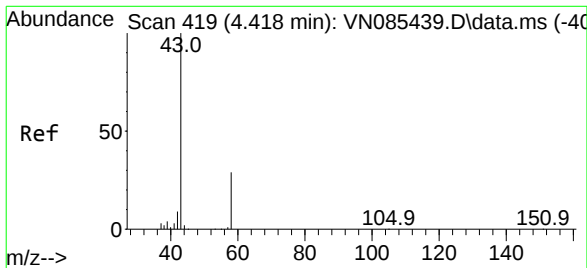
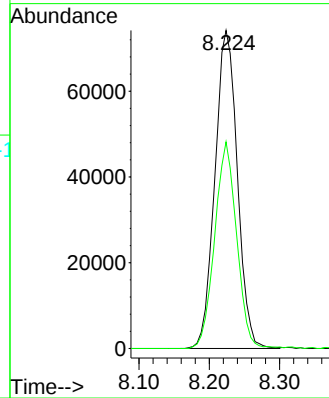
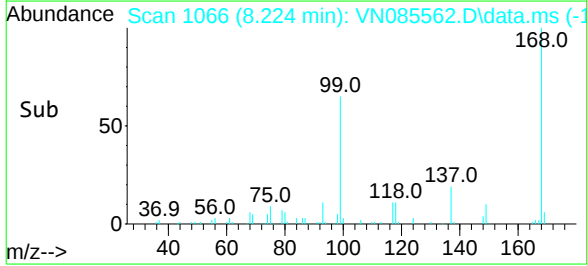


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

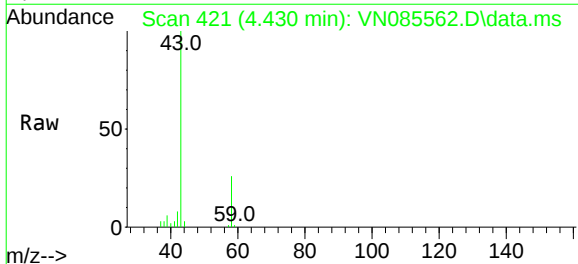
Instrument :
MSVOA_N
ClientSampleId :
WC-4



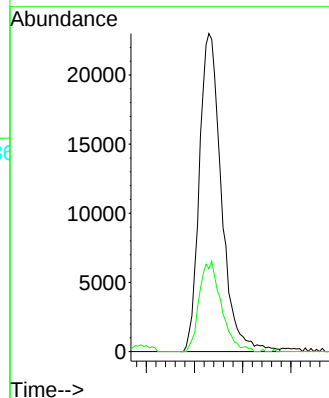
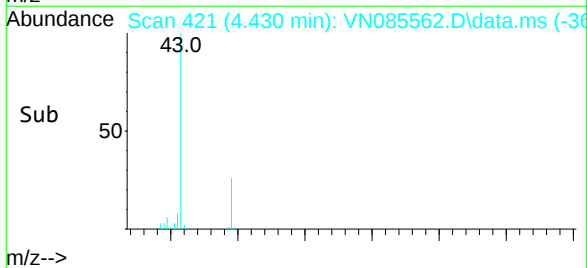
Tgt Ion:168 Resp: 164620
Ion Ratio Lower Upper
168 100
99 65.0 53.6 80.4

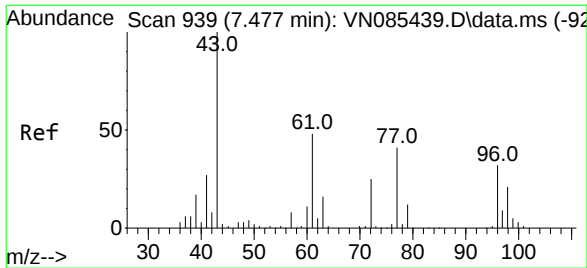


#16
Acetone
Concen: 85.205 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05



Tgt Ion: 43 Resp: 73157
Ion Ratio Lower Upper
43 100
58 26.1 23.8 35.6

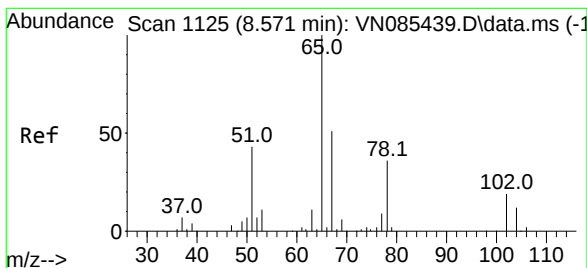
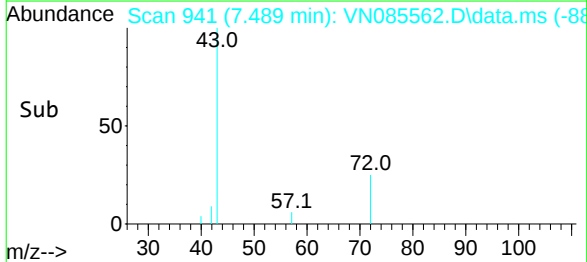
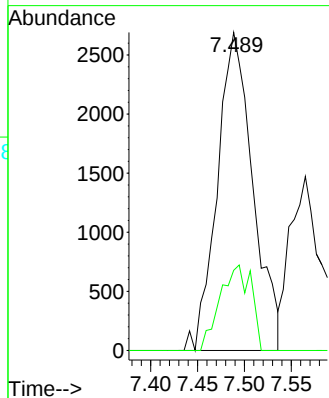
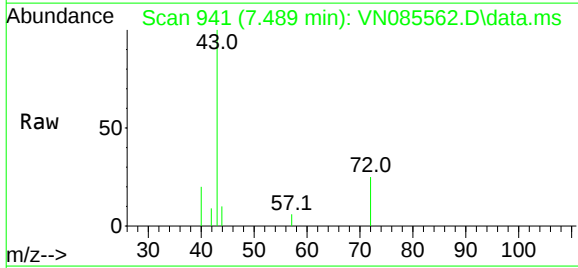




#25
2-Butanone
Concen: 5.638 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

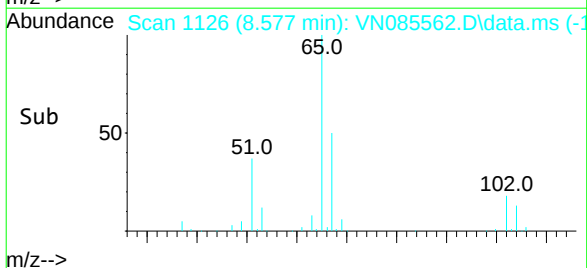
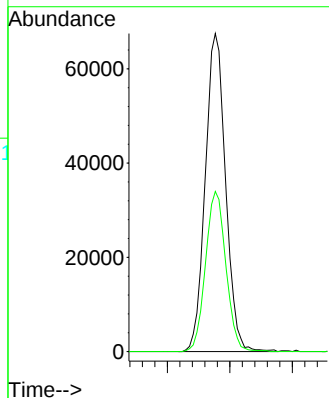
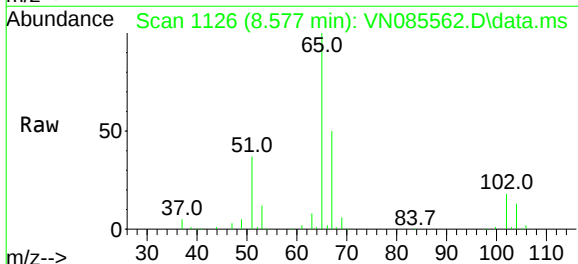
Instrument :
MSVOA_N
ClientSampleId :
WC-4

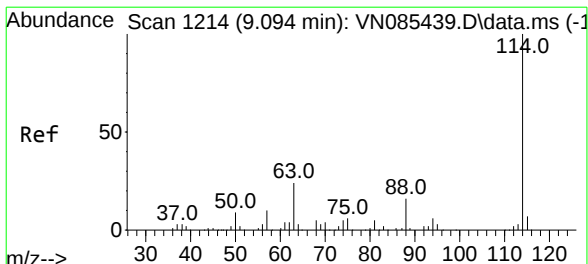
Tgt Ion: 43 Resp: 7124
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 57.381 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 65 Resp: 152478
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

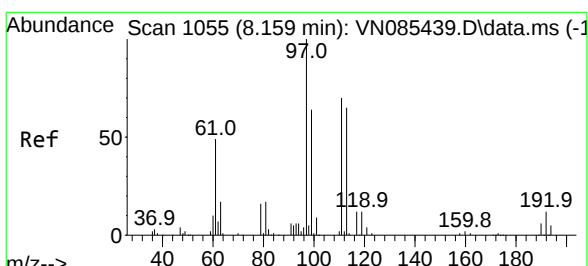
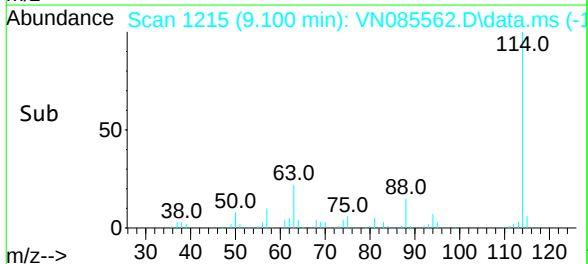
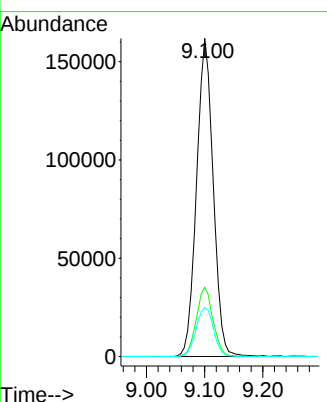
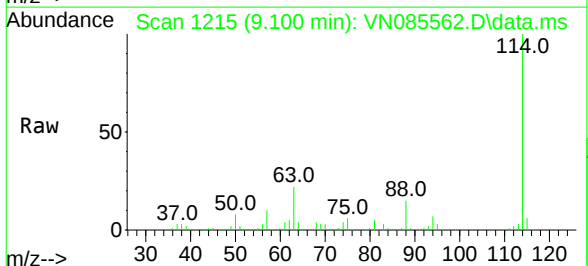




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085562.D
 Acq: 29 Jan 2025 17:05

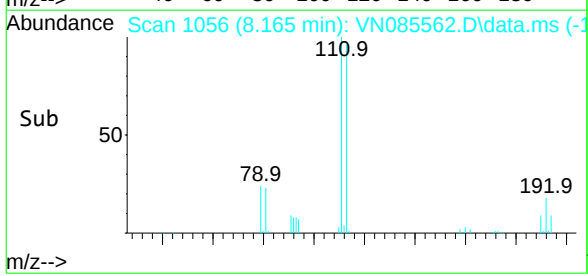
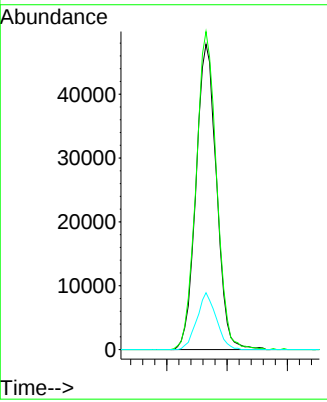
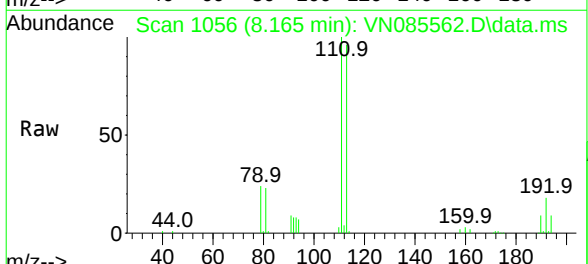
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

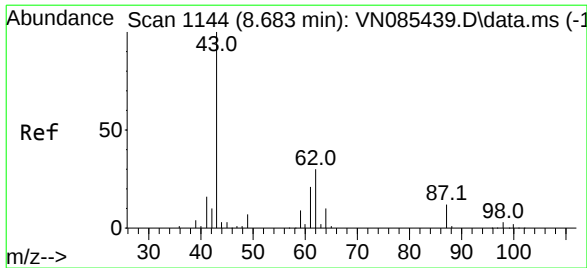
Tgt Ion:	114	Resp:	321449
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.6
88	15.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.763 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085562.D
 Acq: 29 Jan 2025 17:05

Tgt Ion:	113	Resp:	113204
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	17.6	14.3	21.5





#43

Isopropyl Acetate

Concen: 24.874 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085562.D

Acq: 29 Jan 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

WC-4

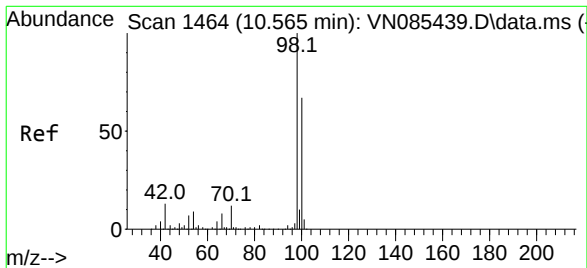
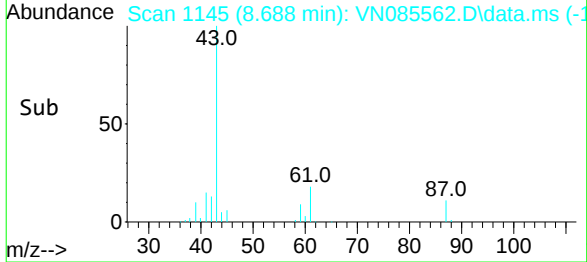
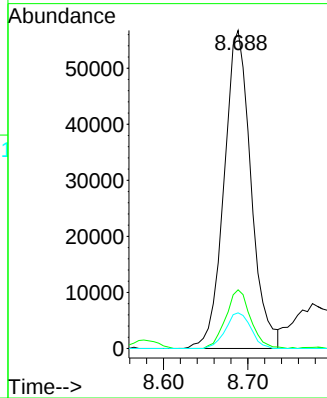
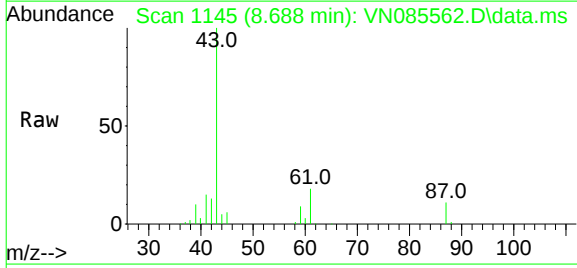
Tgt Ion: 43 Resp: 125912

Ion Ratio Lower Upper

43 100

61 17.0 20.7 31.1#

87 10.5 9.8 14.8



#50

Toluene-d8

Concen: 53.309 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085562.D

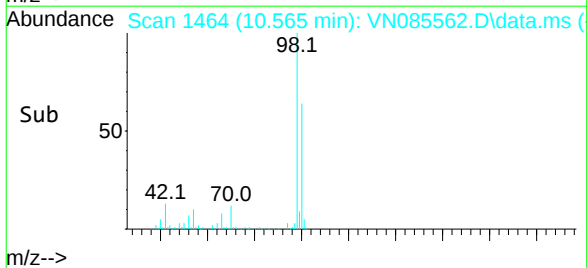
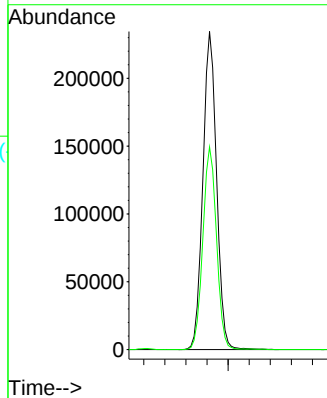
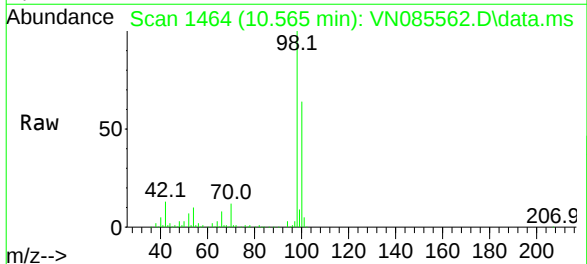
Acq: 29 Jan 2025 17:05

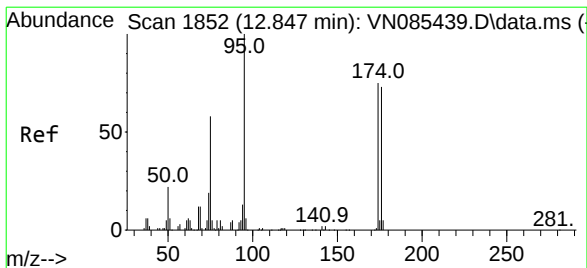
Tgt Ion: 98 Resp: 422385

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 44.868 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085562.D

Acq: 29 Jan 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

WC-4

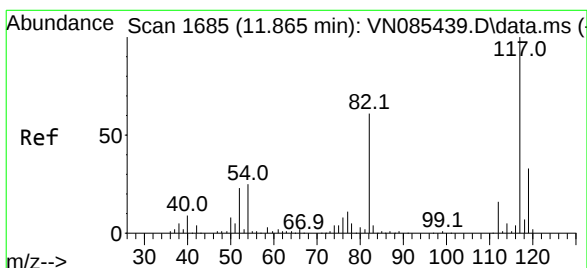
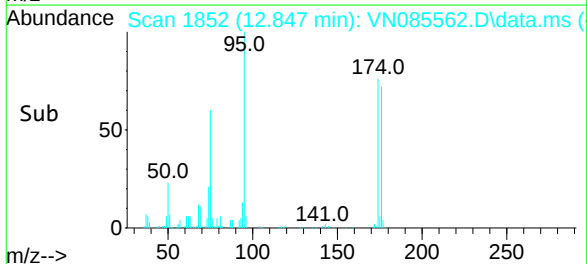
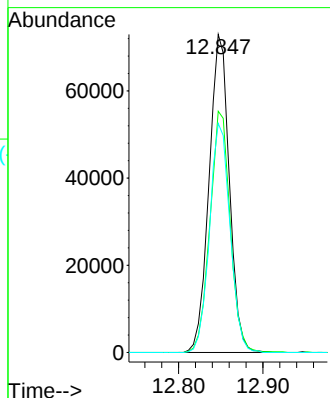
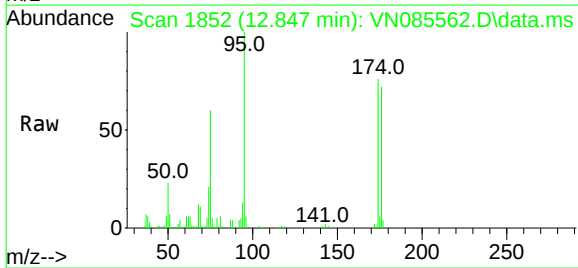
Tgt Ion: 95 Resp: 121611

Ion Ratio Lower Upper

95 100

174 76.2 0.0 145.0

176 72.8 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: VN085562.D

Acq: 29 Jan 2025 17:05

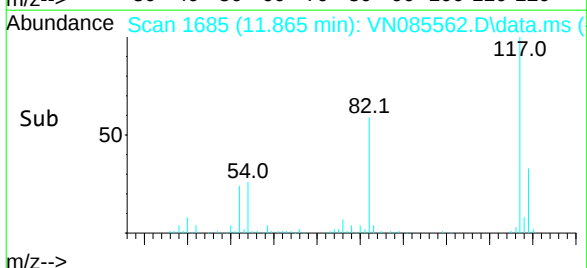
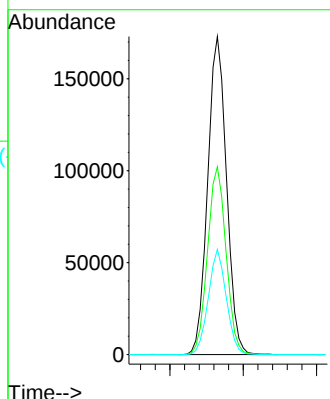
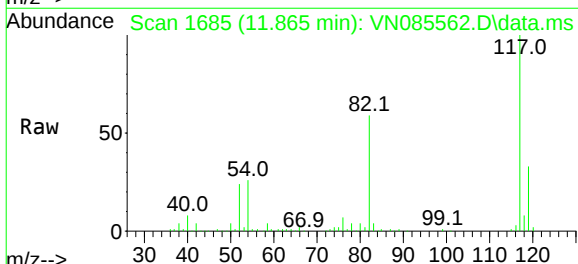
Tgt Ion: 117 Resp: 308281

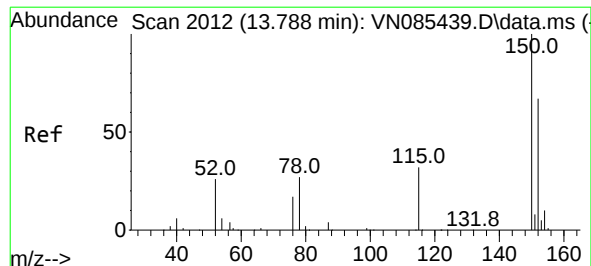
Ion Ratio Lower Upper

117 100

82 59.0 48.6 72.8

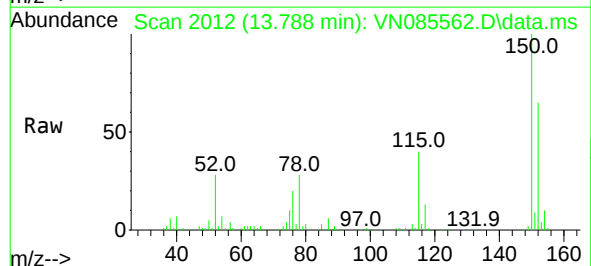
119 33.1 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085562.D
 Acq: 29 Jan 2025 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.1	93.3
150	159.0	0.0	343.6

