

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085487.D
 Acq On : 17 Jan 2025 12:25
 Operator : JC\MD
 Sample : Q1121-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-20250116

Quant Time: Jan 17 22:33:30 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)

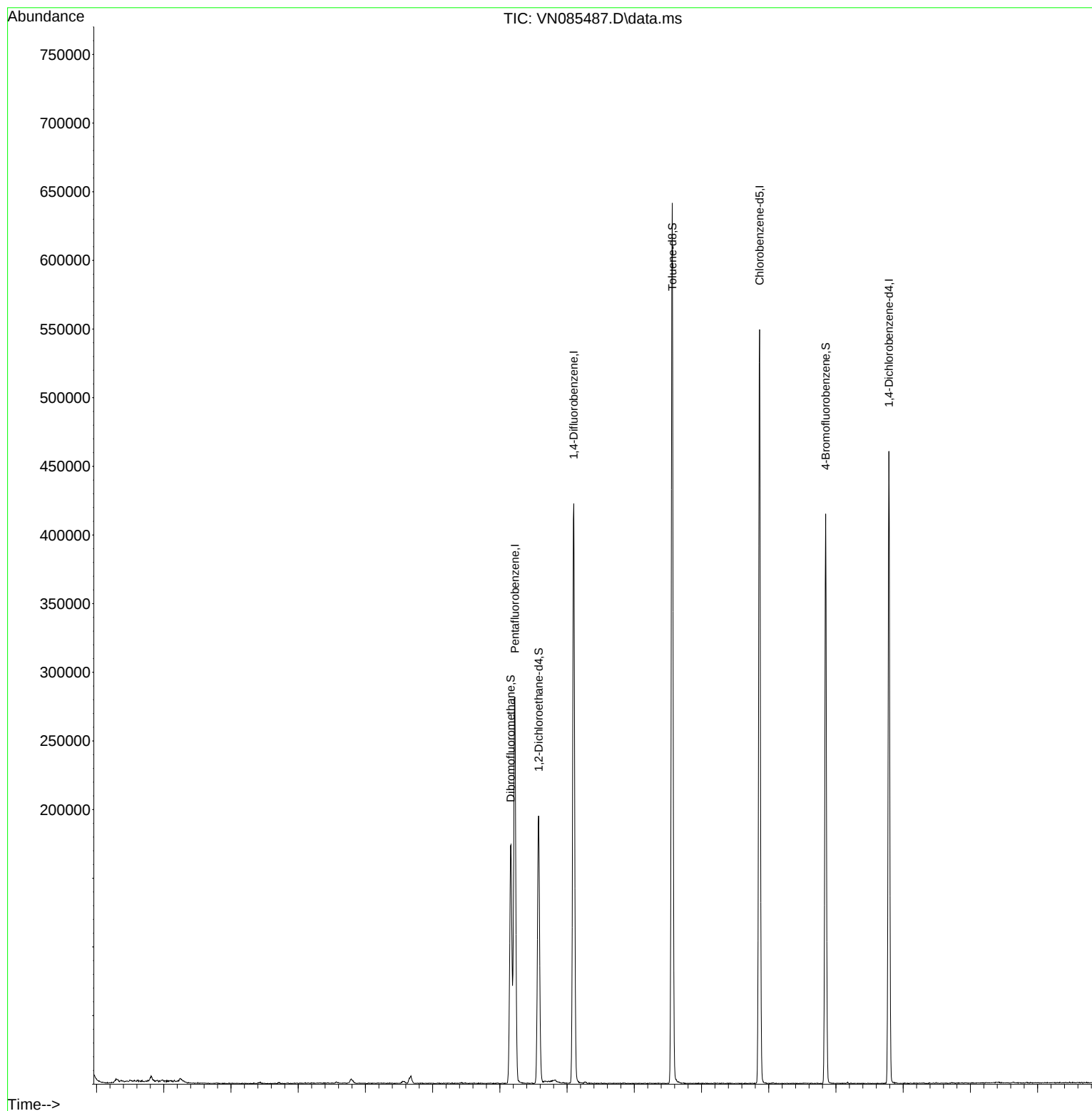
Internal Standards						
1) Pentafluorobenzene	8.224	168	192512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162625	52.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.660%
35) Dibromofluoromethane	8.159	113	122506	51.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	10.565	98	422660	49.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	135339	46.397	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.800%
Target Compounds						
19) Methyl tert-butyl Ether	5.777	73	4797	0.715	ug/l #	77
22) Diisopropyl ether	6.677	45	5772	0.776	ug/l #	90

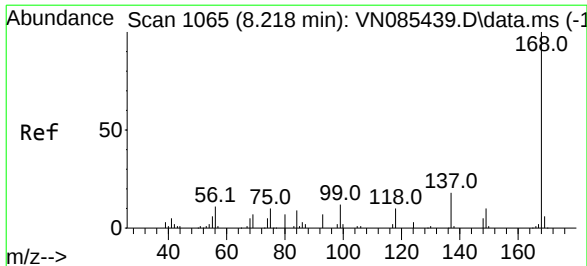
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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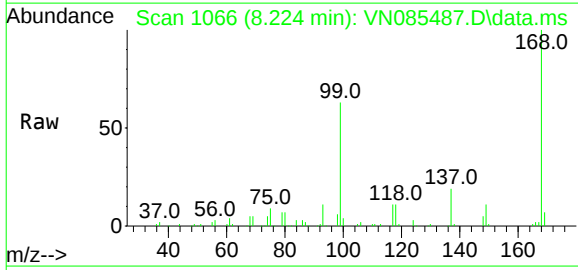
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



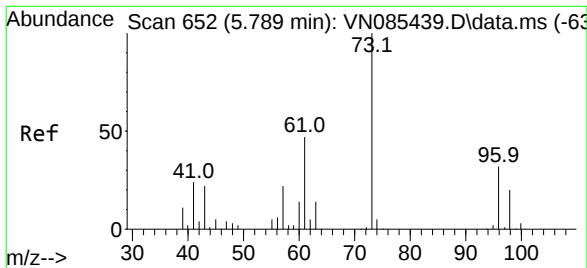
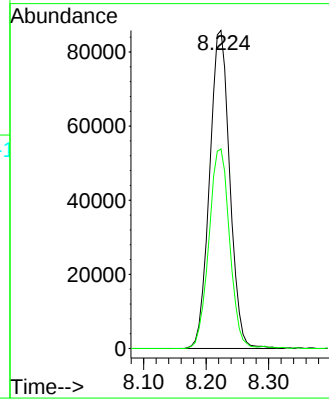
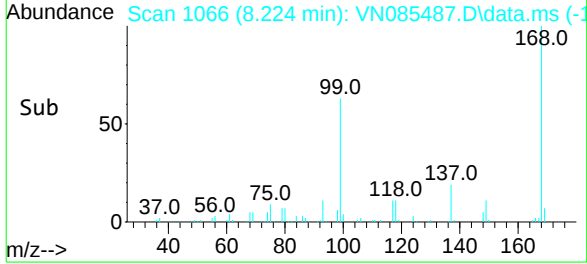


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

Instrument :
MSVOA_N
ClientSampleId :
RW10A-20250116

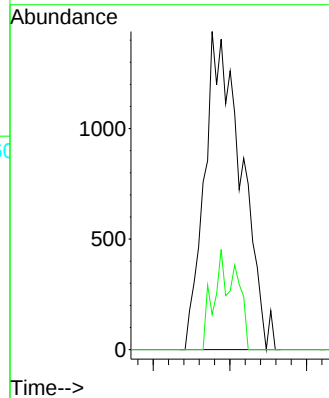
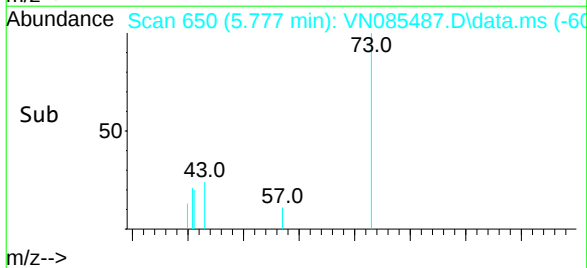
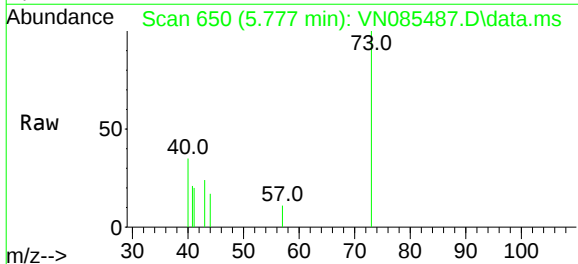


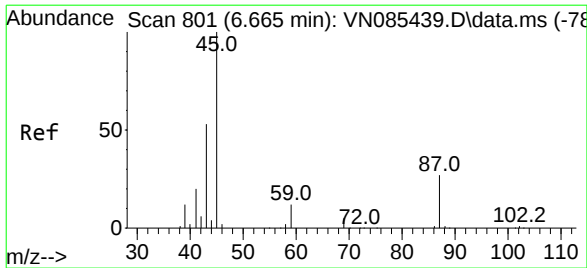
Tgt Ion:168 Resp: 192512
Ion Ratio Lower Upper
168 100
99 62.7 53.6 80.4



#19
Methyl tert-butyl Ether
Concen: 0.715 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

Tgt Ion: 73 Resp: 4797
Ion Ratio Lower Upper
73 100
57 11.0 17.8 26.8#

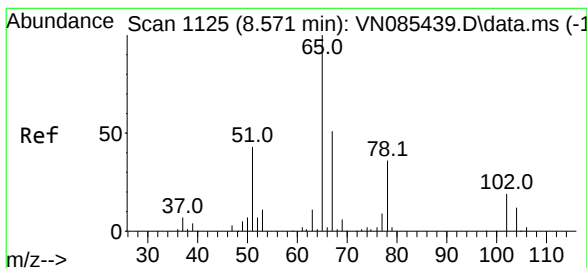
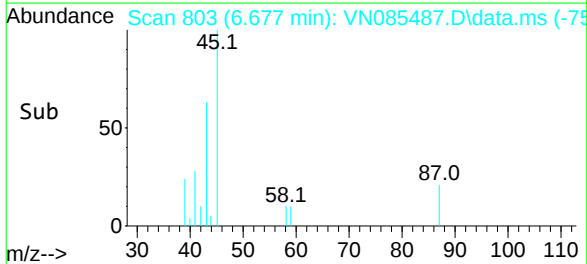
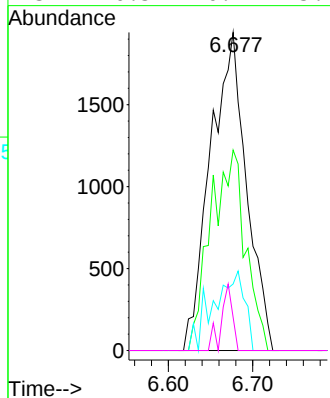
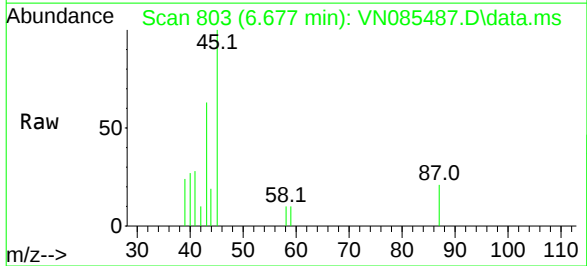




#22
Diisopropyl ether
Concen: 0.776 ug/l
RT: 6.677 min Scan# 801
Delta R.T. 0.012 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

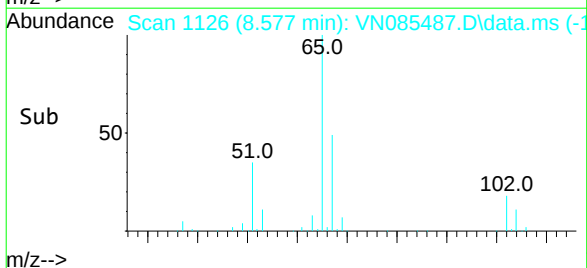
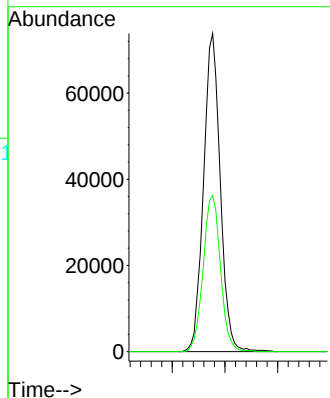
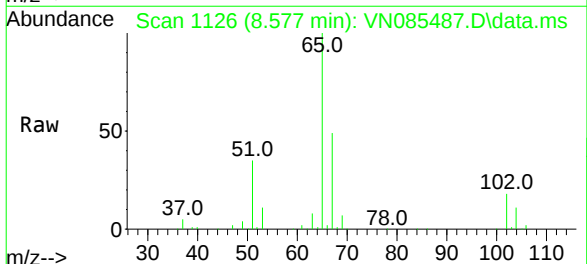
Instrument :
MSVOA_N
ClientSampleId :
RW10A-20250116

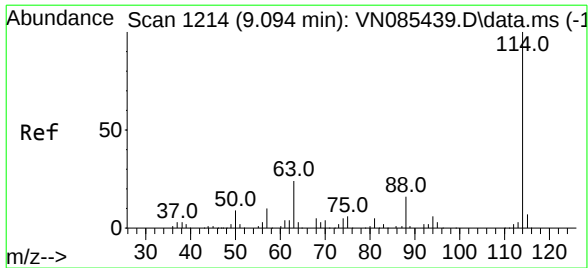
Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.0	67.6
87	20.9	21.8	32.8
59	10.5	10.2	15.2



#33
1,2-Dichloroethane-d4
Concen: 52.332 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

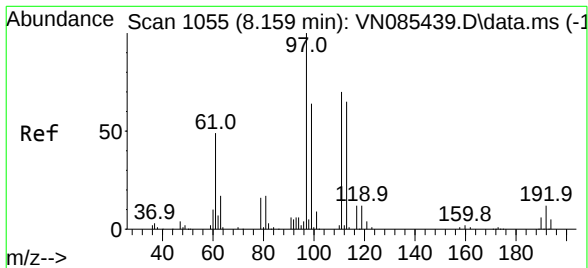
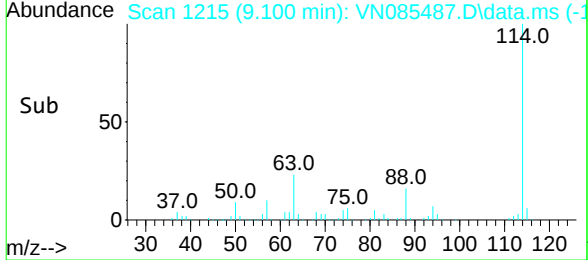
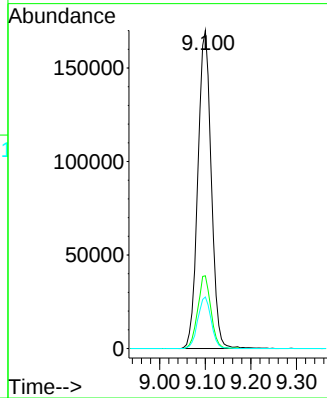
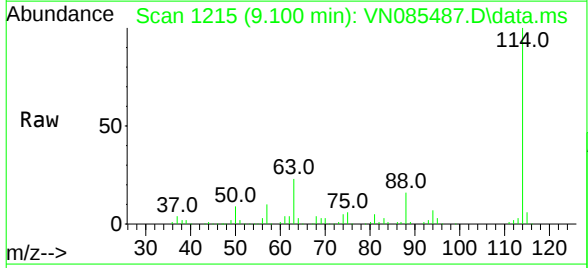




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

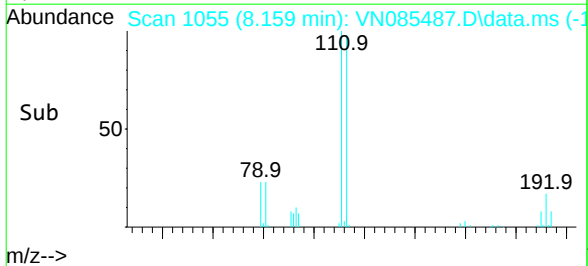
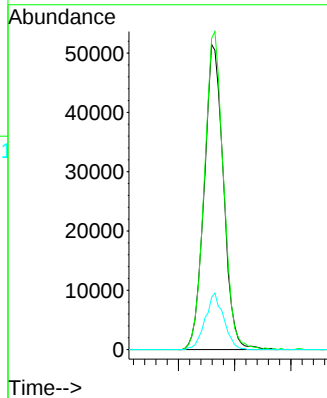
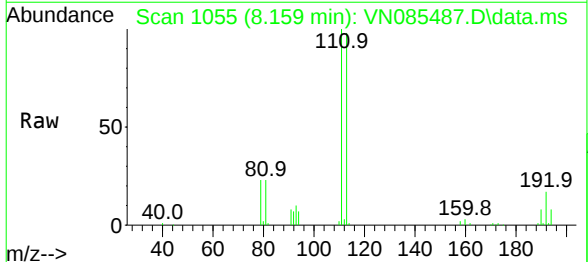
Instrument :
MSVOA_N
ClientSampleId :
RW10A-20250116

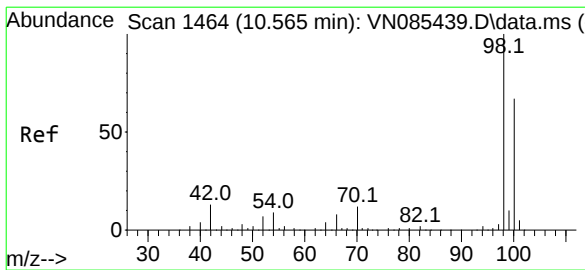
Tgt Ion:114 Resp: 345952
Ion Ratio Lower Upper
114 100
63 22.9 0.0 47.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:25

Tgt Ion:113 Resp: 122506
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 17.7 14.3 21.5





#50

Toluene-d8

Concen: 49.565 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085487.D

Acq: 17 Jan 2025 12:25

Instrument :

MSVOA_N

ClientSampleId :

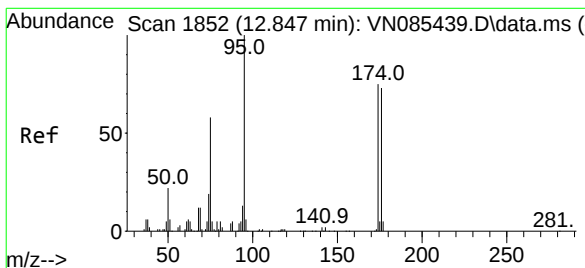
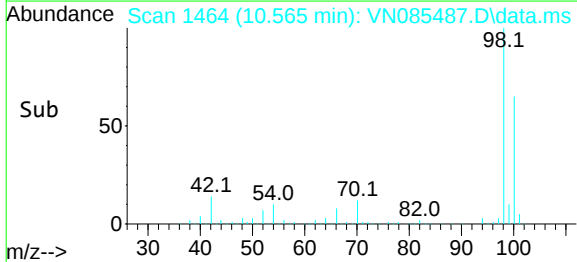
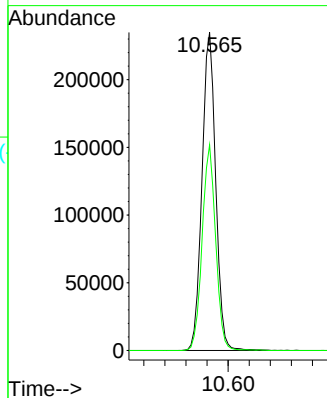
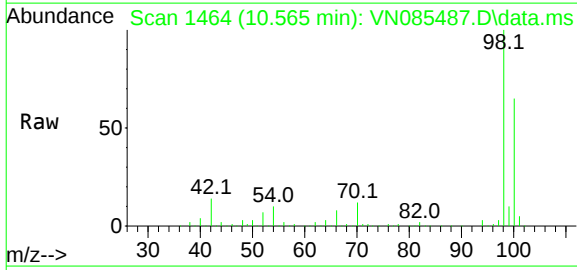
RW10A-20250116

Tgt Ion: 98 Resp: 422660

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.397 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085487.D

Acq: 17 Jan 2025 12:25

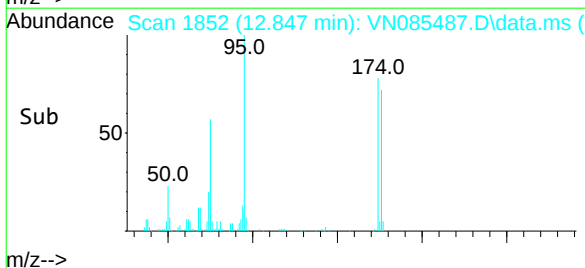
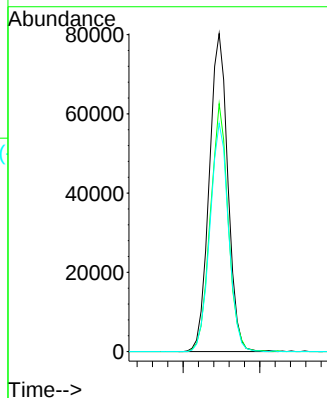
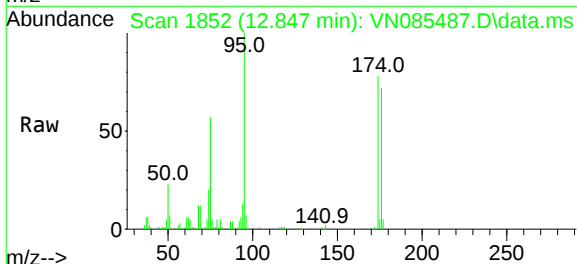
Tgt Ion: 95 Resp: 135339

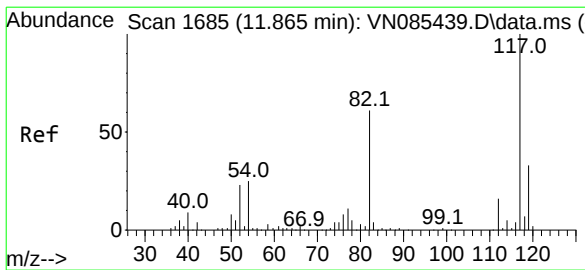
Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.0

176 71.5 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: VN085487.D

Acq: 17 Jan 2025 12:25

Instrument :

MSVOA_N

ClientSampleId :

RW10A-20250116

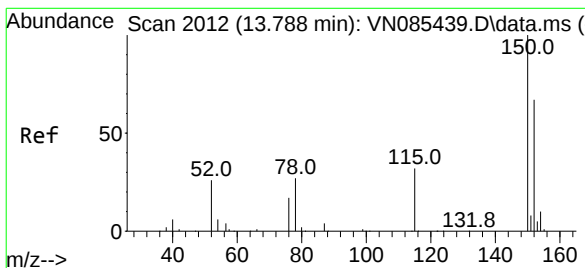
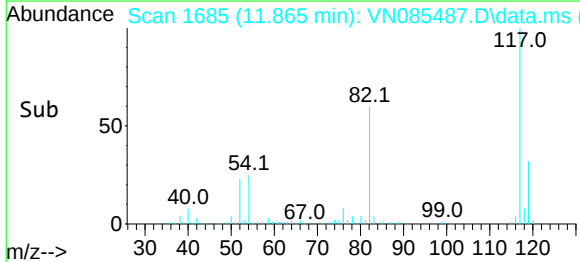
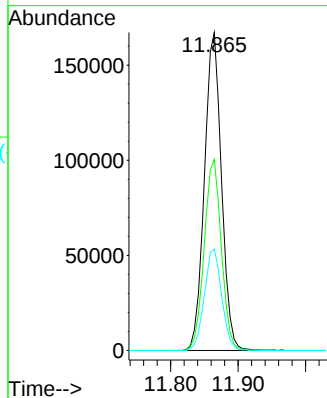
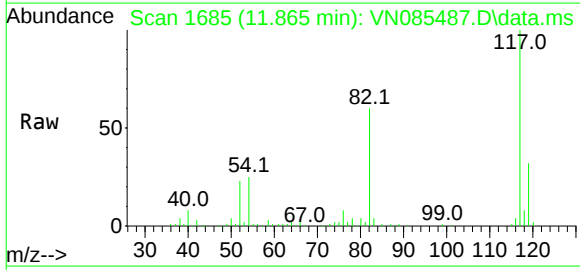
Tgt Ion:117 Resp: 293896

Ion Ratio Lower Upper

117 100

82 60.1 48.6 72.8

119 31.9 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: VN085487.D

Acq: 17 Jan 2025 12:25

Tgt Ion:152 Resp: 115974

Ion Ratio Lower Upper

152 100

115 63.6 31.1 93.3

150 159.3 0.0 343.6

