

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085711.D
 Acq On : 07 Feb 2025 21:06
 Operator : JC\MD
 Sample : Q1309-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Feb 07 22:38:03 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)

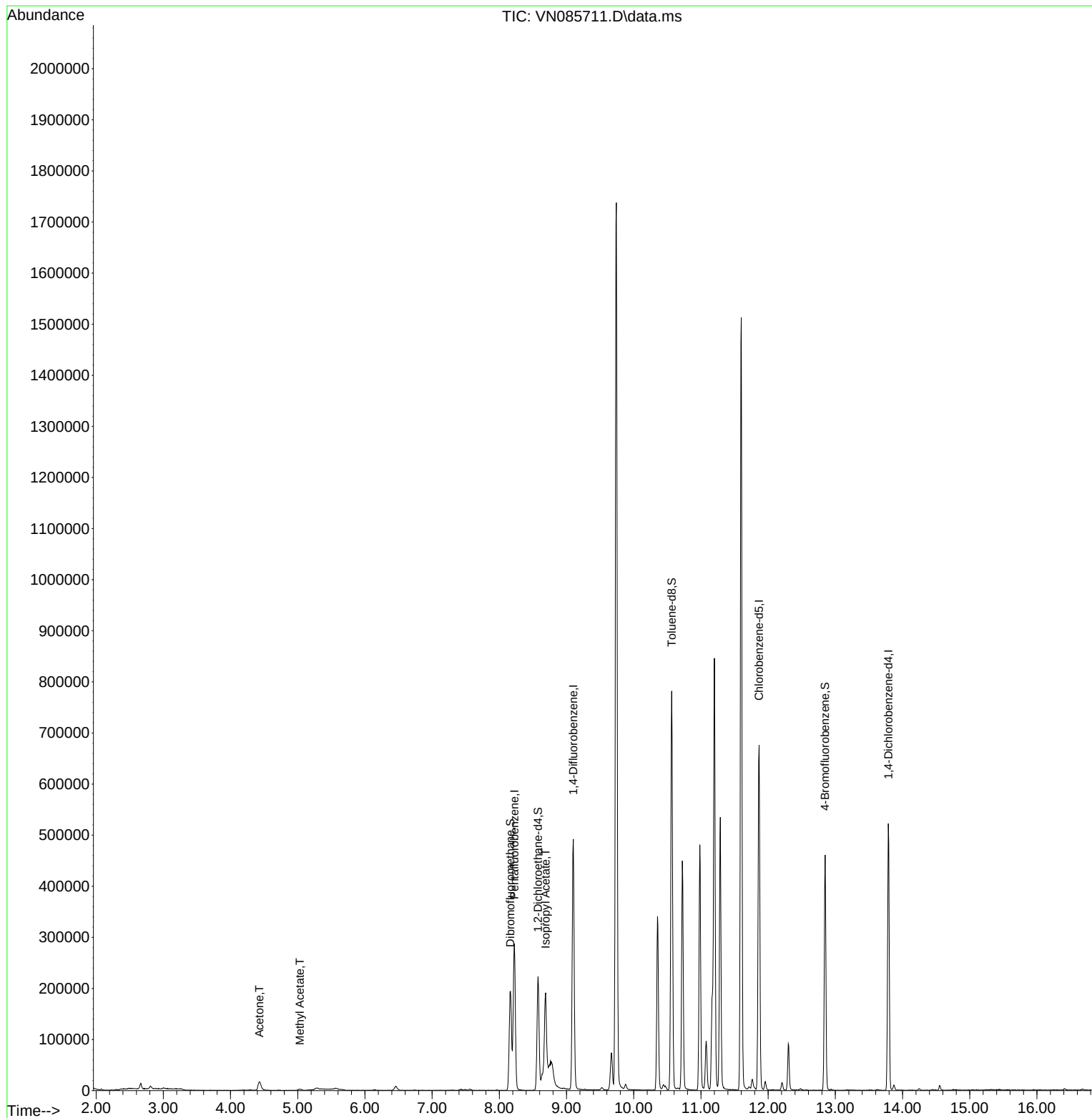
Internal Standards						
1) Pentafluorobenzene	8.224	168	198721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178624	55.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.360%
35) Dibromofluoromethane	8.165	113	144508	50.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.780%
50) Toluene-d8	10.565	98	541121	53.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.847	95	153406	44.011	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.020%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	33155	31.989	ug/l	96
18) Methyl Acetate	5.030	43	4530	1.437	ug/l	96
43) Isopropyl Acetate	8.688	43	247405	38.004	ug/l #	82

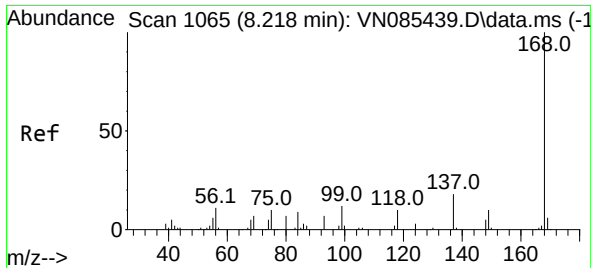
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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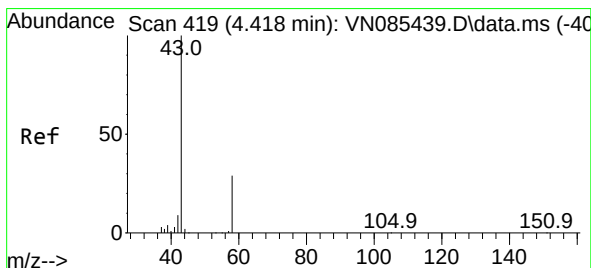
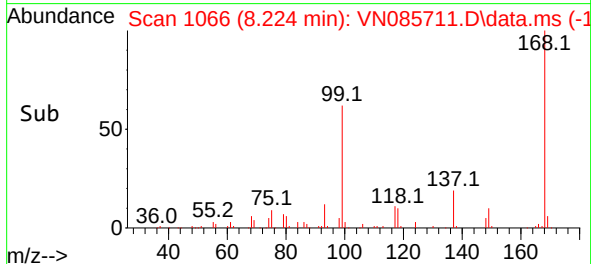
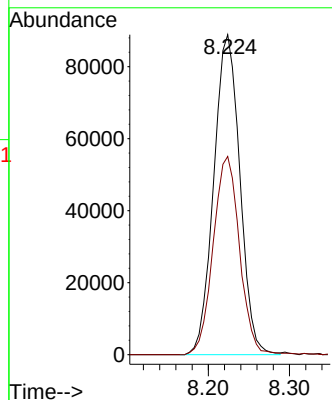
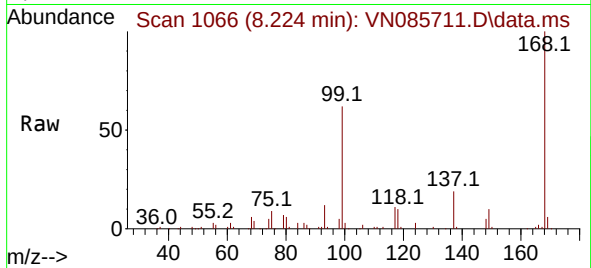




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

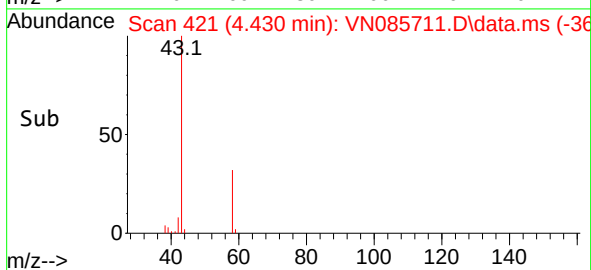
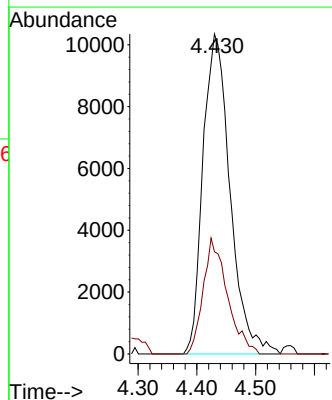
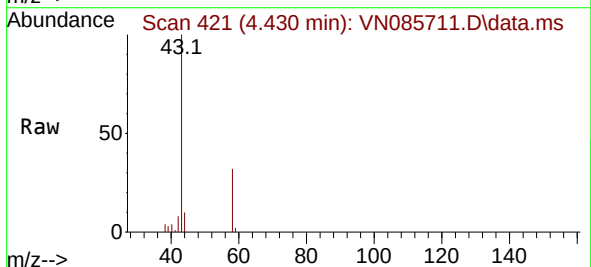
Instrument :
MSVOA_N
ClientSampleId :
WC-4

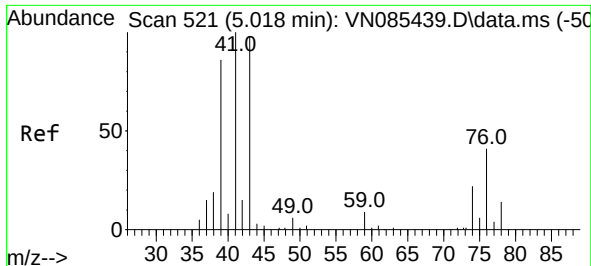
Tgt Ion:168 Resp: 198721
Ion Ratio Lower Upper
168 100
99 62.0 53.6 80.4



#16
Acetone
Concen: 31.989 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

Tgt Ion: 43 Resp: 33155
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.6

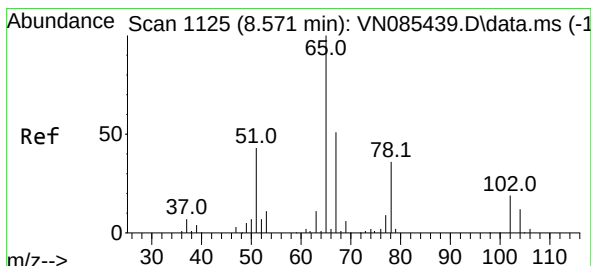
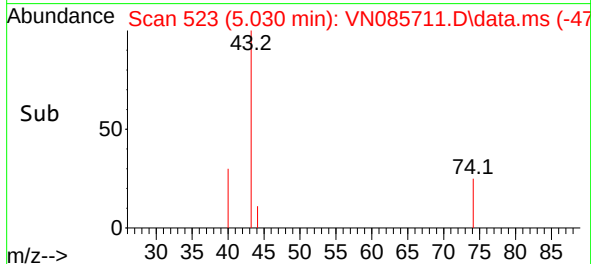
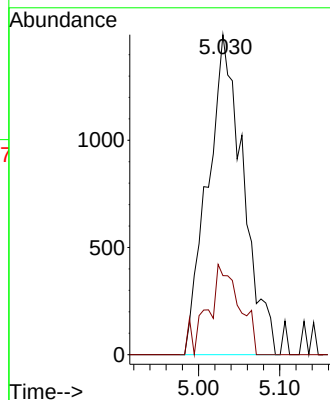
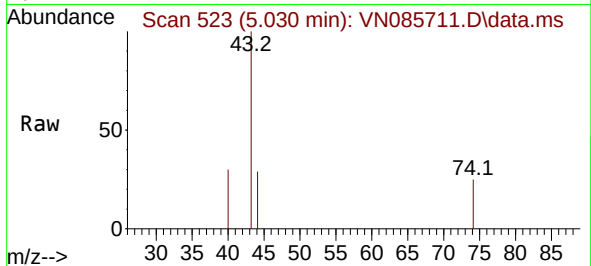




#18
Methyl Acetate
Concen: 1.437 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

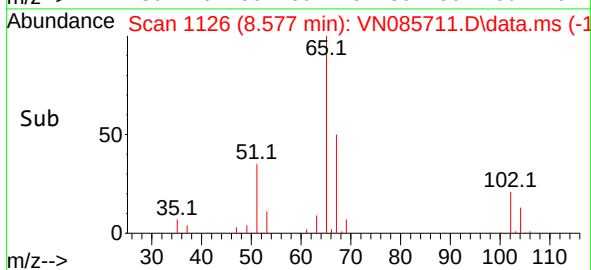
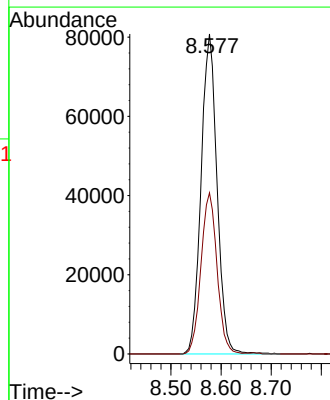
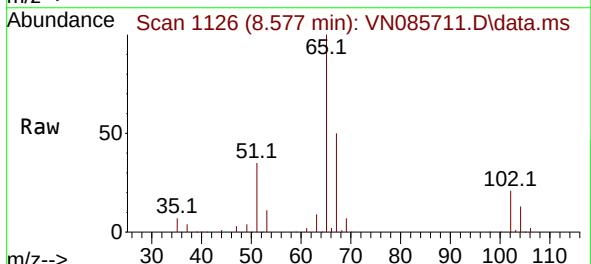
Instrument :
MSVOA_N
ClientSampleId :
WC-4

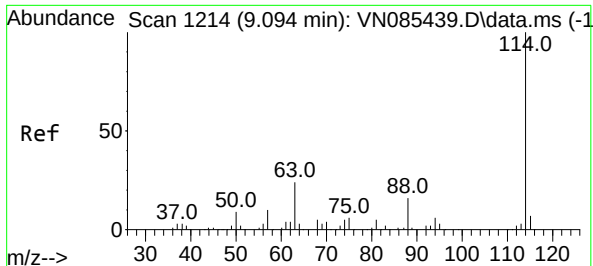
Tgt Ion: 43 Resp: 4530
Ion Ratio Lower Upper
43 100
74 25.3 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.685 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

Tgt Ion: 65 Resp: 178624
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085711.D

Acq: 07 Feb 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

WC-4

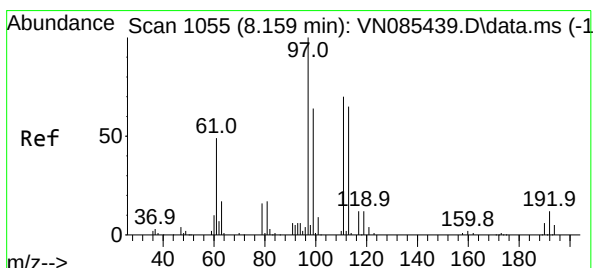
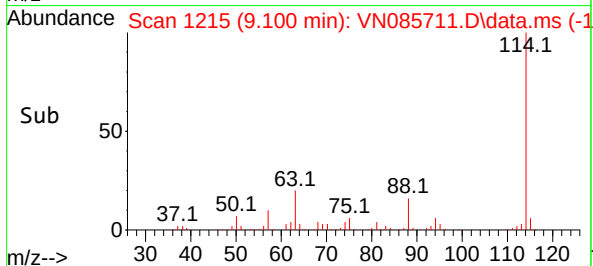
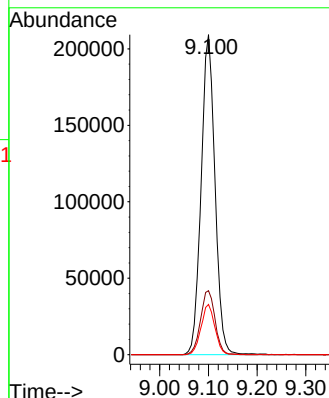
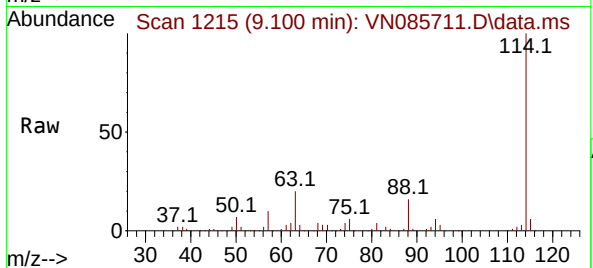
Tgt Ion:114 Resp: 413391

Ion Ratio Lower Upper

114 100

63 20.0 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.388 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085711.D

Acq: 07 Feb 2025 21:06

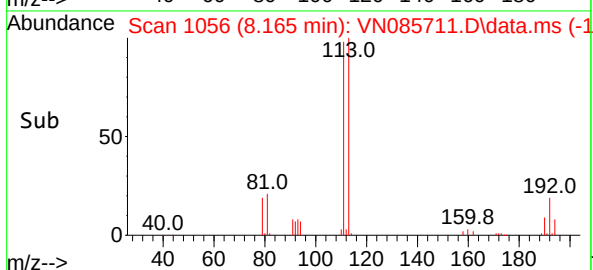
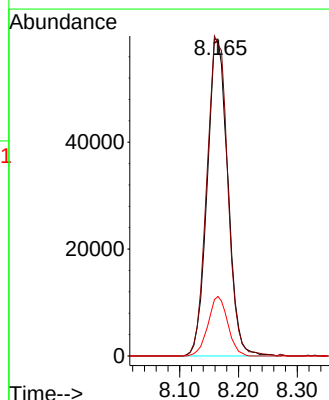
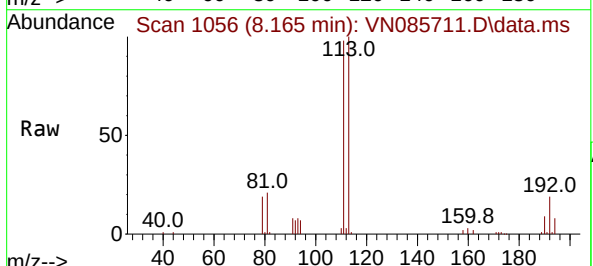
Tgt Ion:113 Resp: 144508

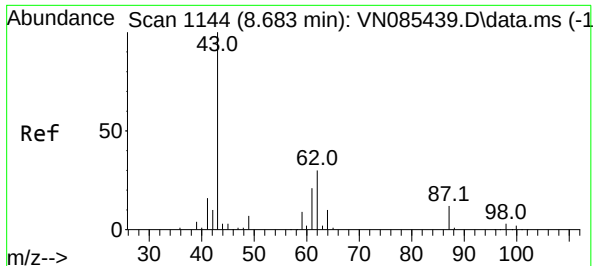
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 17.9 14.3 21.5





#43

Isopropyl Acetate

Concen: 38.004 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085711.D

Acq: 07 Feb 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

WC-4

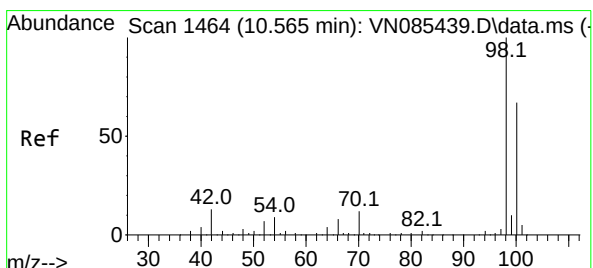
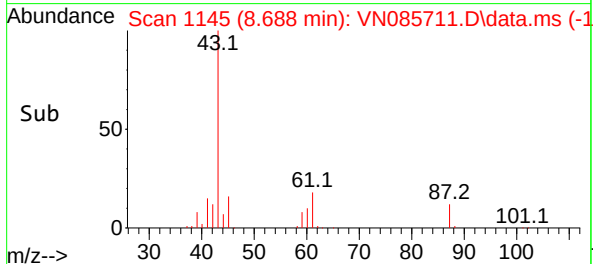
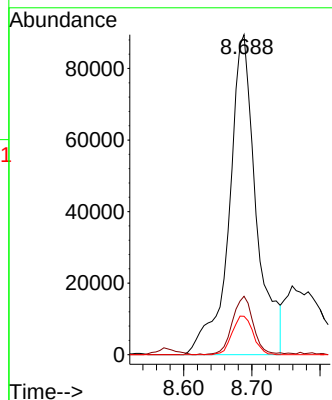
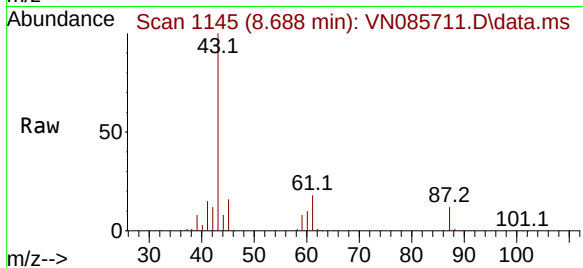
Tgt Ion: 43 Resp: 247405

Ion Ratio Lower Upper

43 100

61 14.3 20.7 31.1#

87 9.3 9.8 14.8#



#50

Toluene-d8

Concen: 53.105 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085711.D

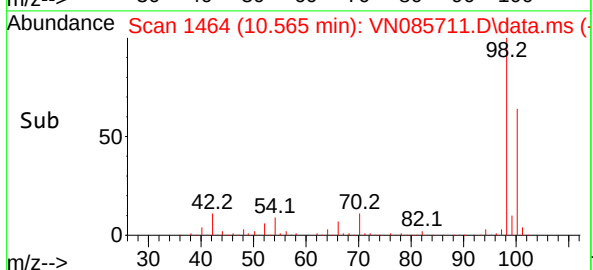
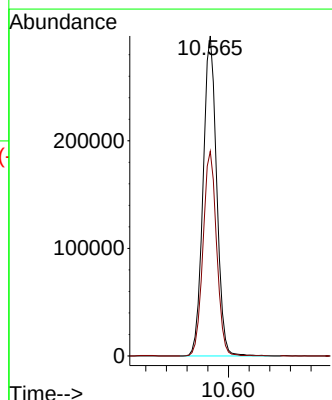
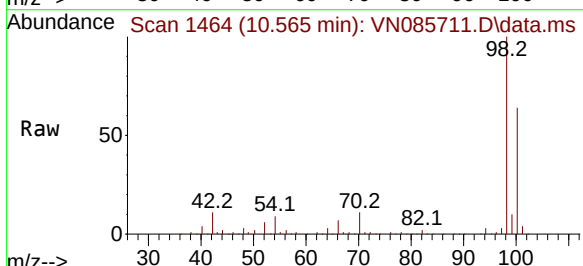
Acq: 07 Feb 2025 21:06

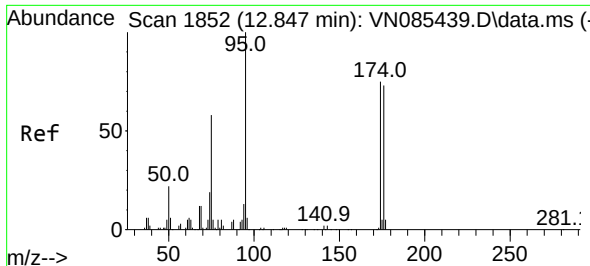
Tgt Ion: 98 Resp: 541121

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.4

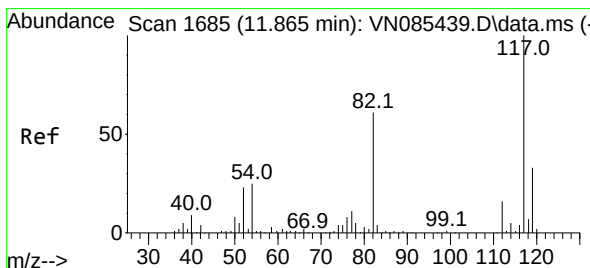
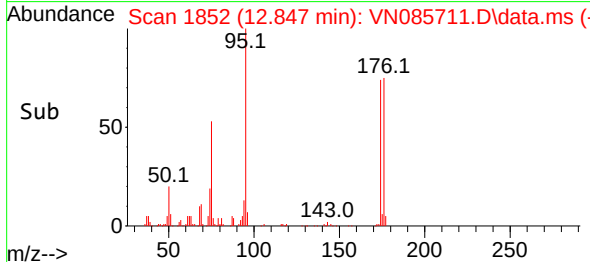
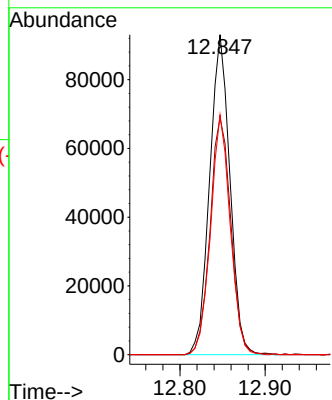
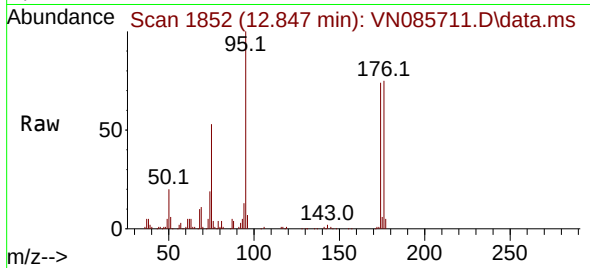




#62
4-Bromofluorobenzene
Concen: 44.011 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

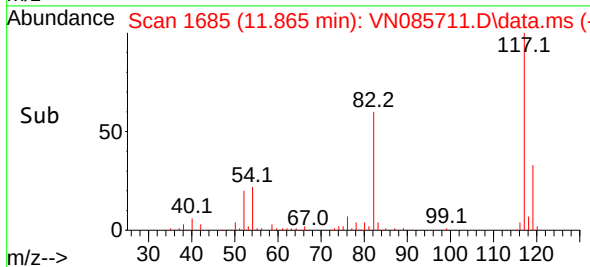
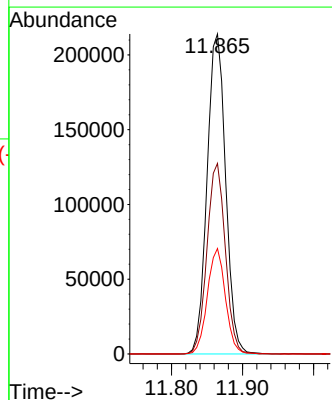
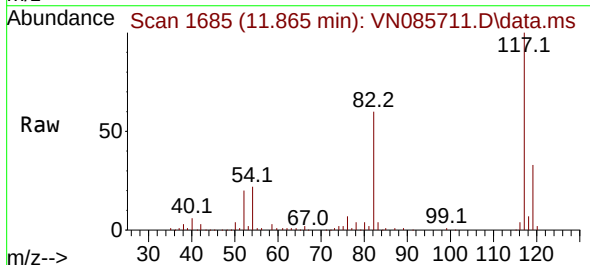
Instrument :
MSVOA_N
ClientSampleId :
WC-4

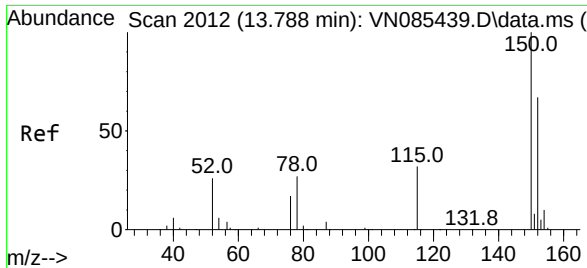
Tgt Ion: 95 Resp: 153406
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.0
176 72.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085711.D
Acq: 07 Feb 2025 21:06

Tgt Ion: 117 Resp: 388532
Ion Ratio Lower Upper
117 100
82 59.5 48.6 72.8
119 32.9 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: VN085711.D

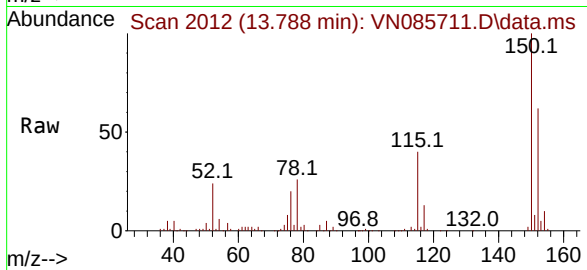
Acq: 07 Feb 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

WC-4



Tgt Ion:152 Resp: 137402

Ion Ratio Lower Upper

152 100

115 62.6 31.1 93.3

150 161.3 0.0 343.6

