

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085751.D
 Acq On : 11 Feb 2025 17:38
 Operator : JC\MD
 Sample : Q1343-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-7

Quant Time: Feb 11 23:22:58 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)

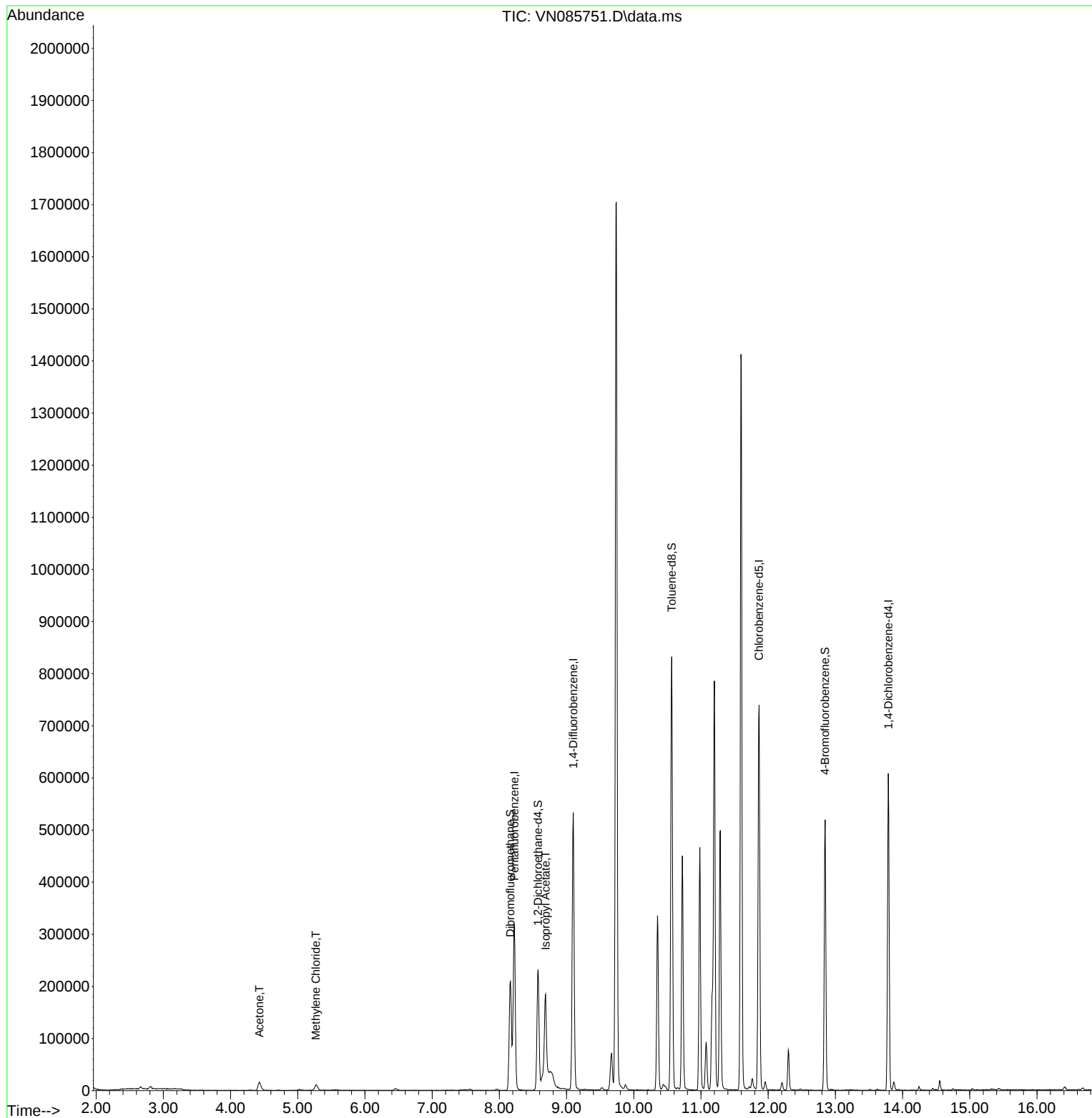
Internal Standards						
1) Pentafluorobenzene	8.224	168	220747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	448906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189485	53.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.360%
35) Dibromofluoromethane	8.165	113	153169	49.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.565	98	583469	52.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.460%
62) 4-Bromofluorobenzene	12.847	95	177083	46.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.560%
Target Compounds						Qvalue
16) Acetone	4.430	43	31913	27.718	ug/l	99
20) Methylene Chloride	5.271	84	8543	2.997	ug/l	93
43) Isopropyl Acetate	8.688	43	233516	33.033	ug/l #	85

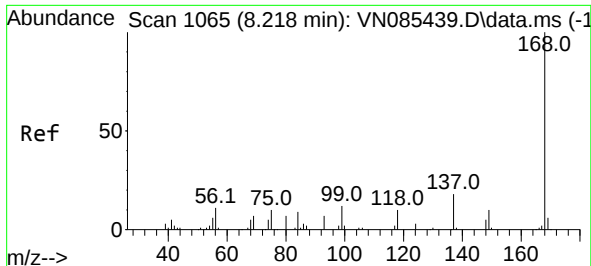
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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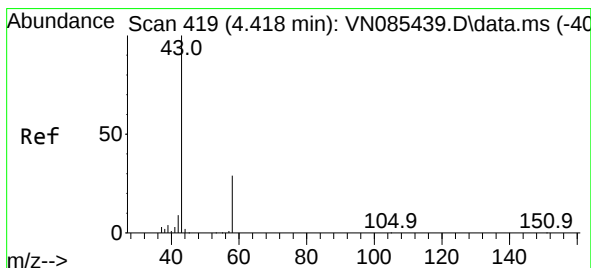
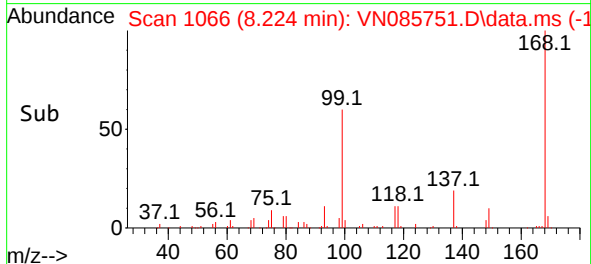
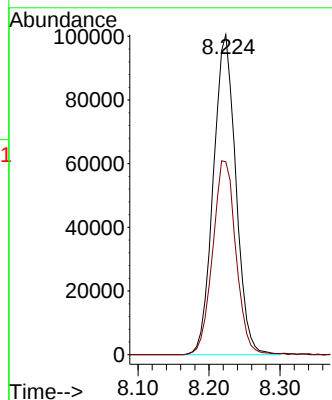
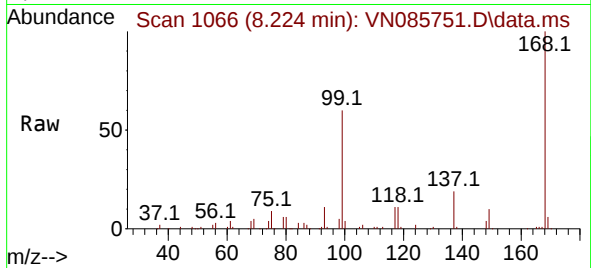




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

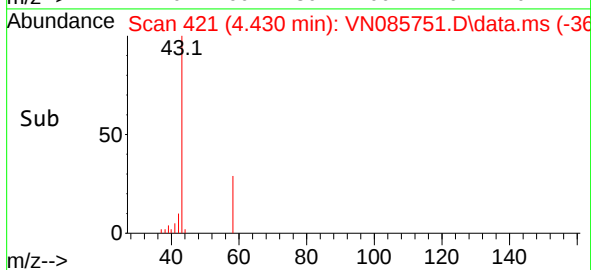
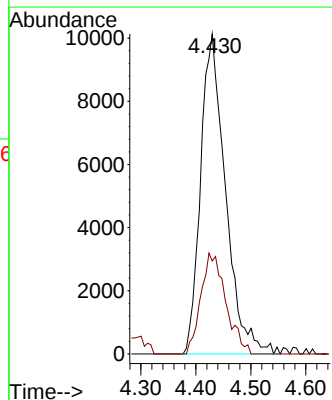
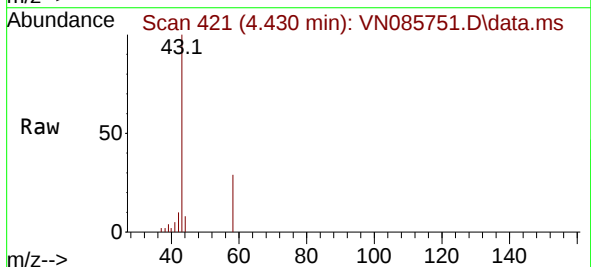
Instrument :
MSVOA_N
ClientSampleId :
WC-7

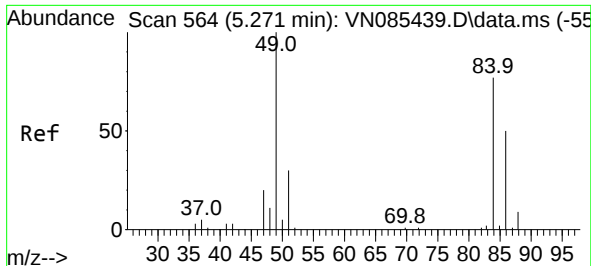
Tgt Ion:168 Resp: 220747
Ion Ratio Lower Upper
168 100
99 60.3 53.6 80.4



#16
Acetone
Concen: 27.718 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

Tgt Ion: 43 Resp: 31913
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6

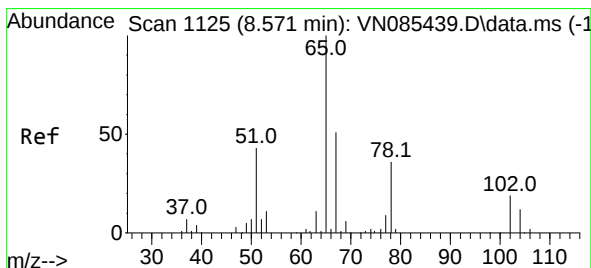
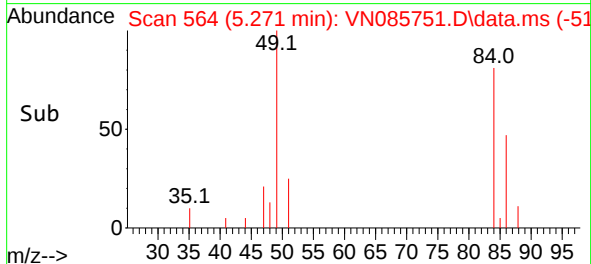
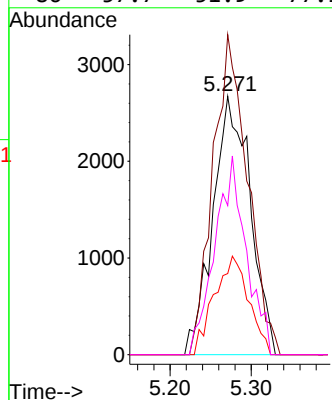
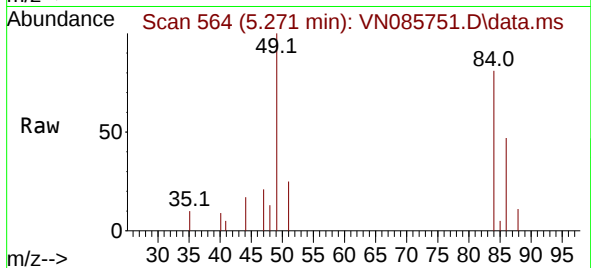




#20
Methylene Chloride
Concen: 2.997 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

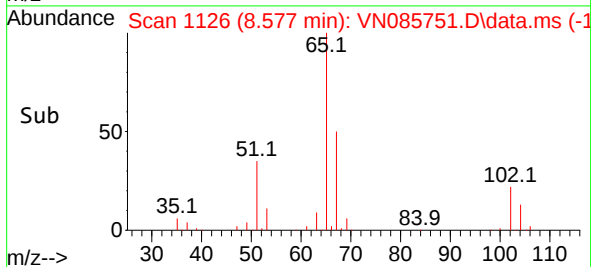
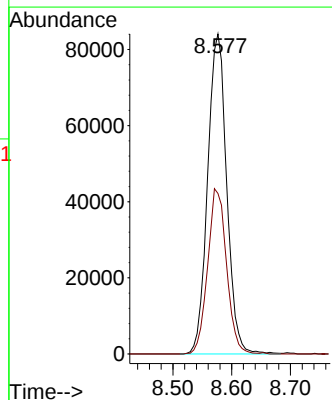
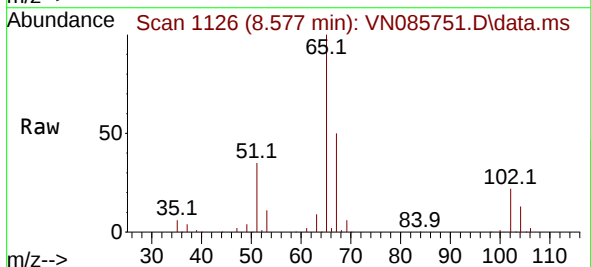
Instrument :
MSVOA_N
ClientSampleId :
WC-7

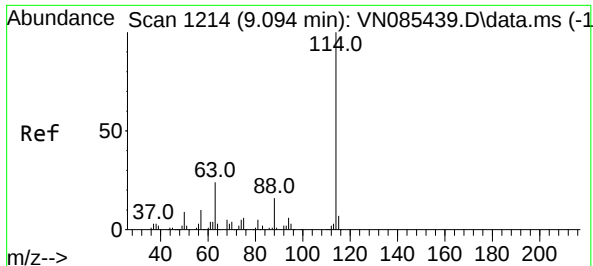
Tgt Ion:	84	Resp:	8543
Ion	Ratio	Lower	Upper
84	100		
49	123.8	104.1	156.1
51	31.4	31.0	46.4
86	57.7	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 53.177 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

Tgt Ion:	65	Resp:	189485
Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VN085751.D

Acq: 11 Feb 2025 17:38

Instrument :

MSVOA_N

ClientSampleId :

WC-7

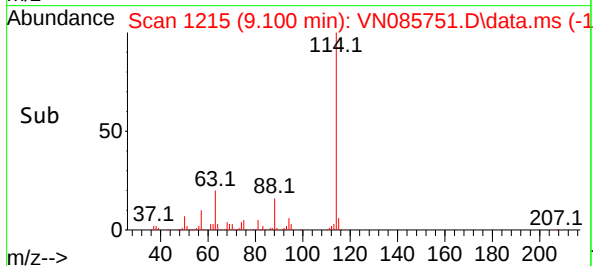
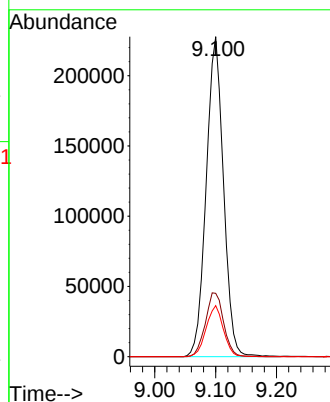
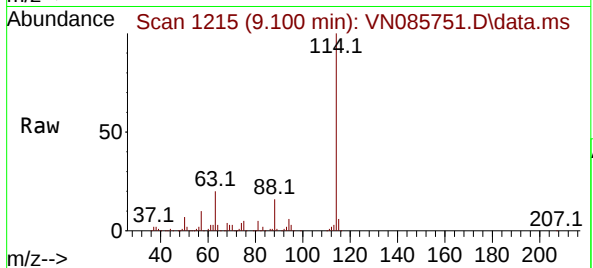
Tgt Ion:114 Resp: 448906

Ion Ratio Lower Upper

114 100

63 19.8 0.0 47.6

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.182 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085751.D

Acq: 11 Feb 2025 17:38

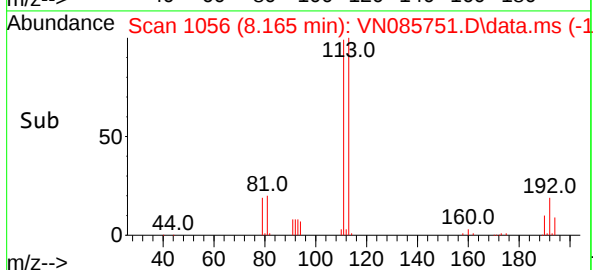
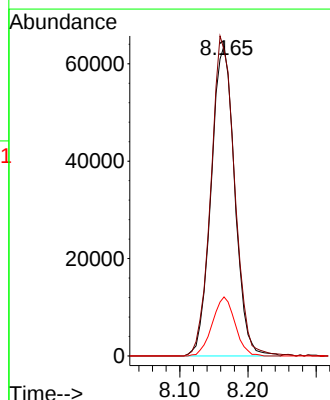
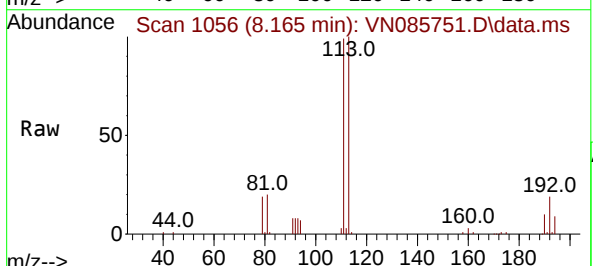
Tgt Ion:113 Resp: 153169

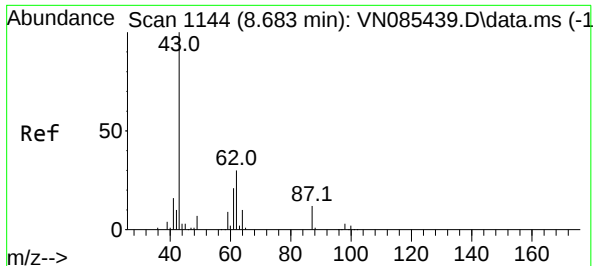
Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 18.4 14.3 21.5

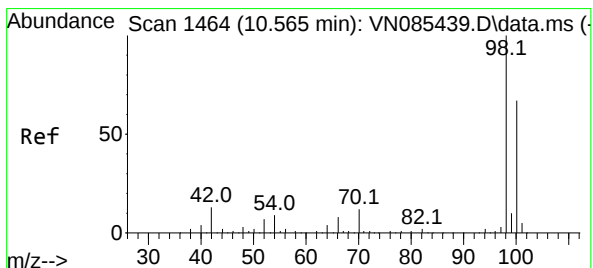
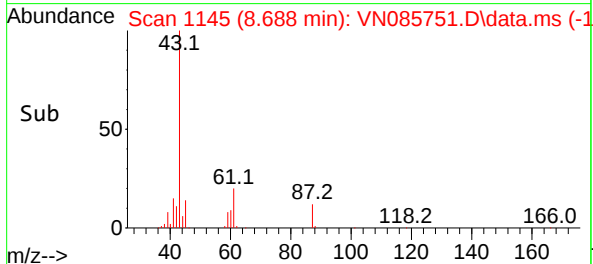
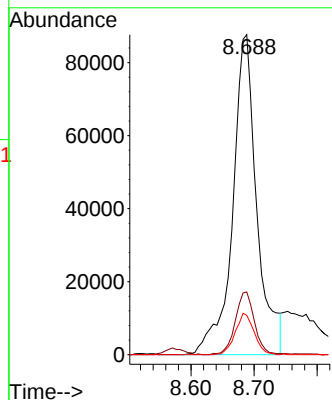
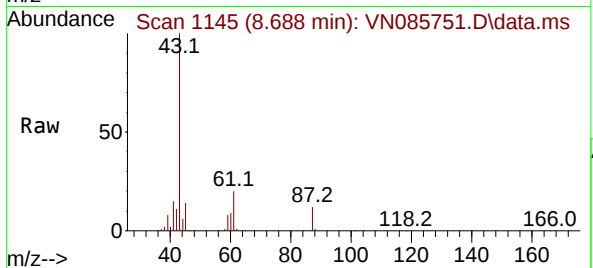




#43
Isopropyl Acetate
Concen: 33.033 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

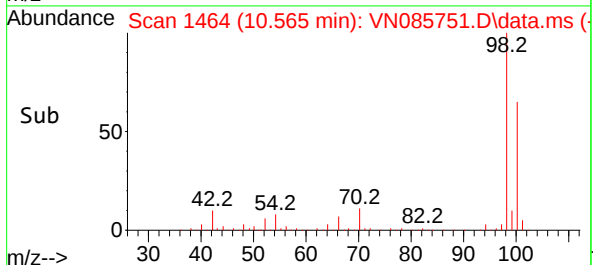
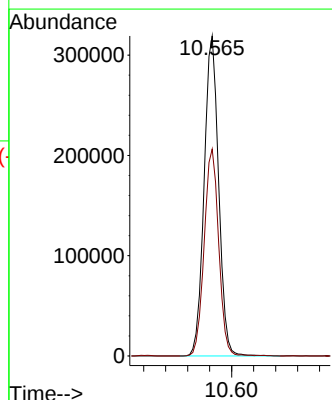
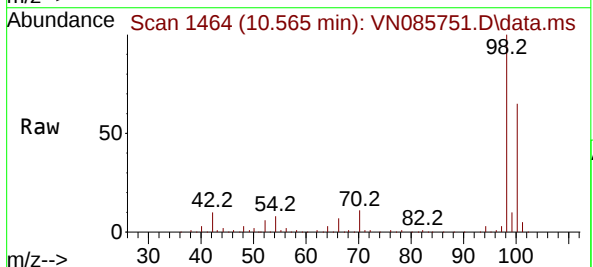
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Tgt Ion: 43 Resp: 233516
Ion Ratio Lower Upper
43 100
61 15.7 20.7 31.1#
87 10.1 9.8 14.8



#50
Toluene-d8
Concen: 52.731 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

Tgt Ion: 98 Resp: 583469
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

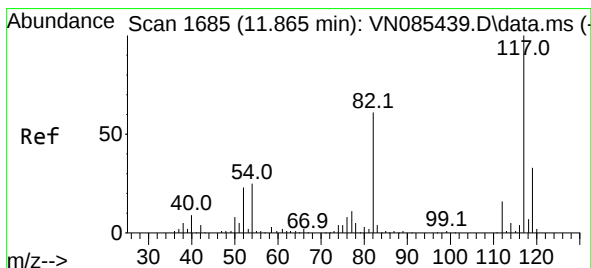
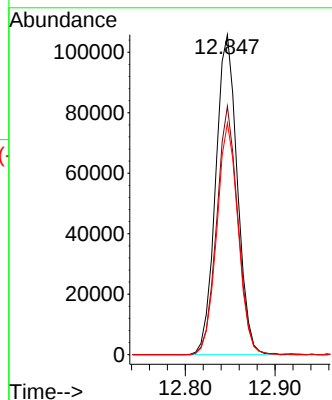
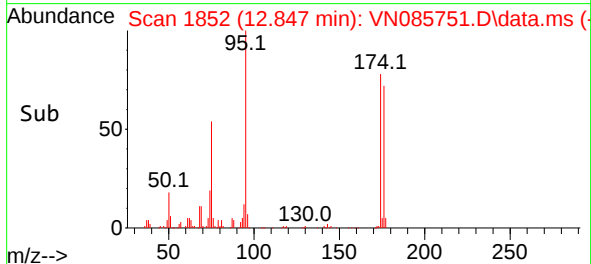
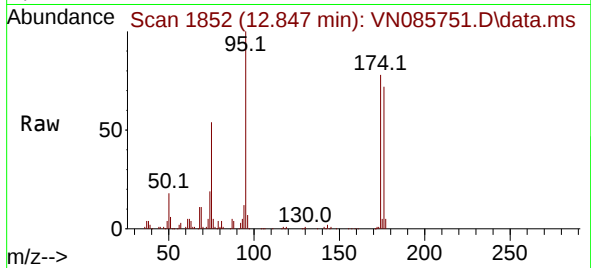




#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

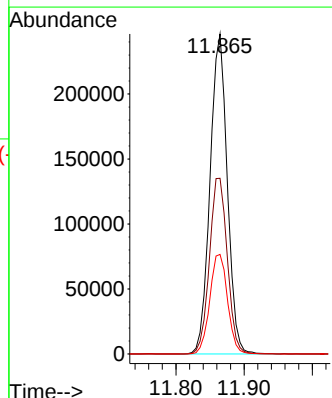
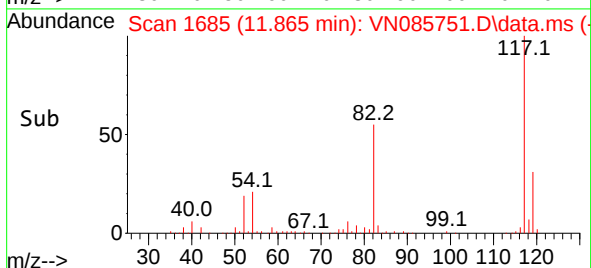
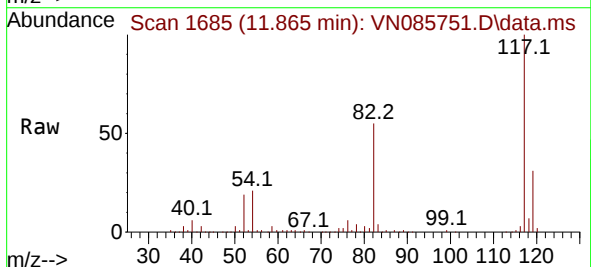
Instrument :
MSVOA_N
ClientSampleId :
WC-7

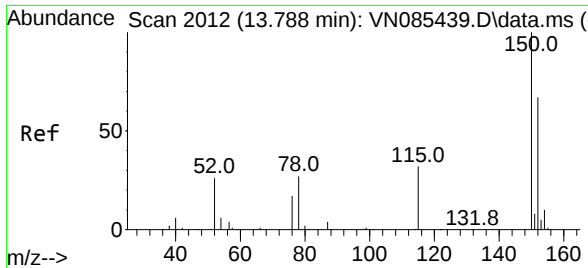
Tgt Ion: 95 Resp: 177083
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.0
176 71.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085751.D
Acq: 11 Feb 2025 17:38

Tgt Ion: 117 Resp: 432645
Ion Ratio Lower Upper
117 100
82 54.9 48.6 72.8
119 31.1 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: VN085751.D
 Acq: 11 Feb 2025 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-7

Tgt Ion:	152	Resp:	164498
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	156.7	0.0	343.6

