

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085707.D
 Acq On : 07 Feb 2025 19:29
 Operator : JC\MD
 Sample : Q1299-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Feb 07 22:36:19 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)

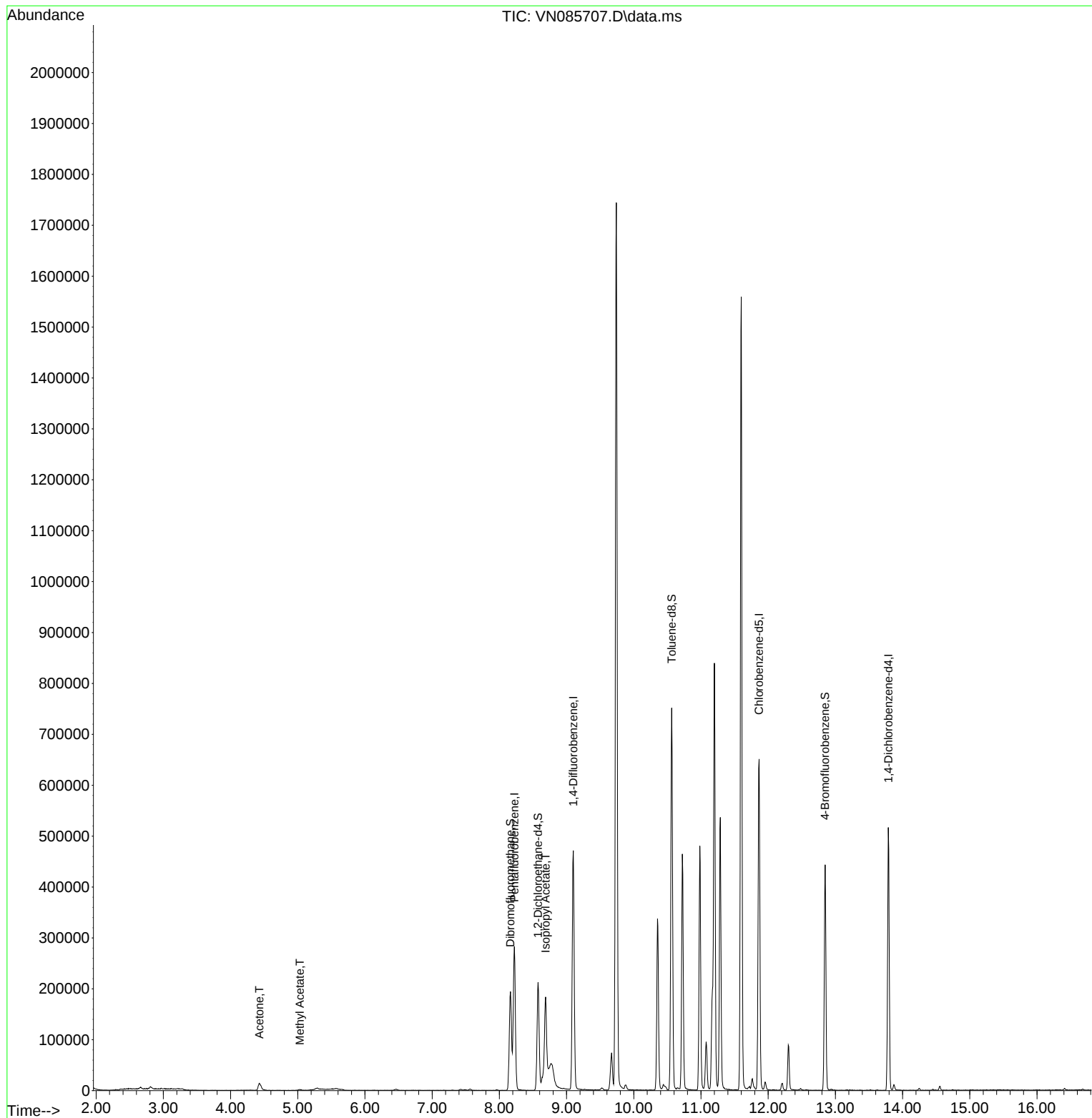
Internal Standards						
1) Pentafluorobenzene	8.224	168	192305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171804	55.346	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.700%	
35) Dibromofluoromethane	8.165	113	140011	50.234	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.460%	
50) Toluene-d8	10.565	98	518577	52.367	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.740%	
62) 4-Bromofluorobenzene	12.847	95	149428	44.112	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.220%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	26282	26.204	ug/l	93
18) Methyl Acetate	5.030	43	3410	1.118	ug/l #	81
43) Isopropyl Acetate	8.688	43	223336	35.301	ug/l #	84

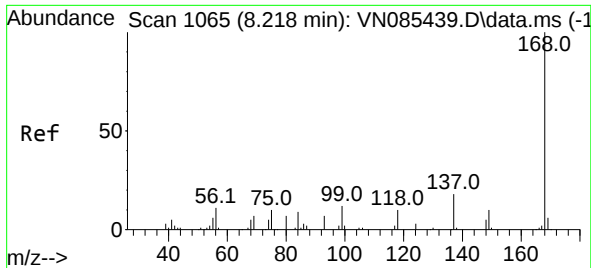
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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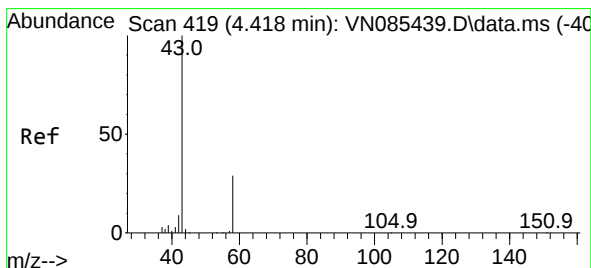
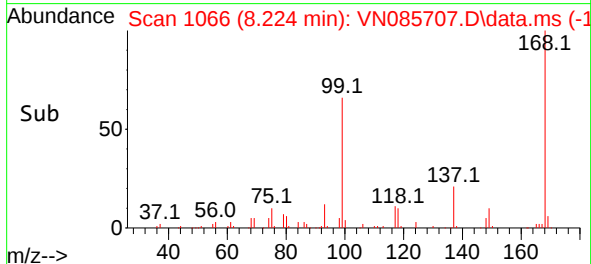
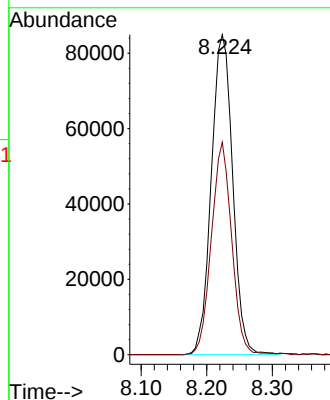
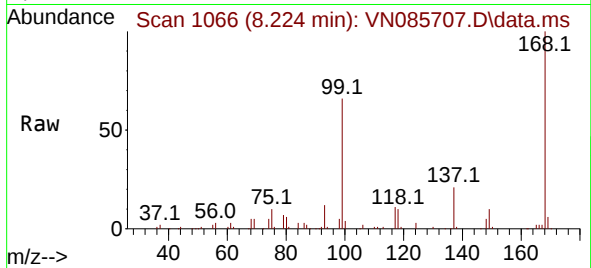




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

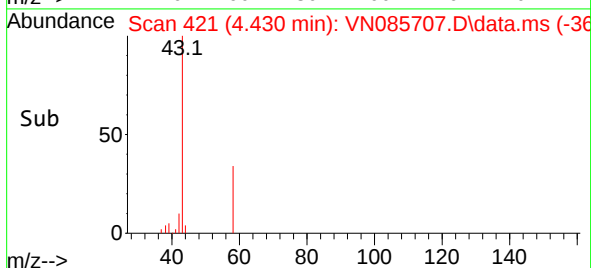
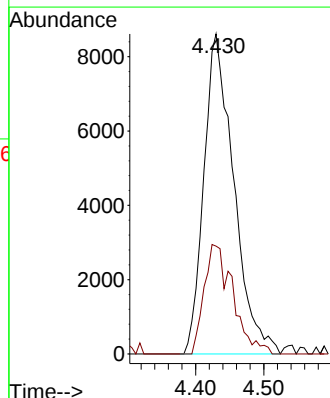
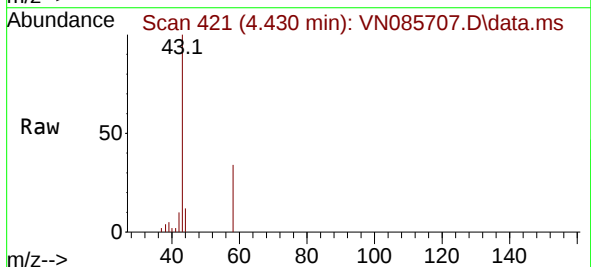
Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 192305
Ion Ratio Lower Upper
168 100
99 66.4 53.6 80.4



#16
Acetone
Concen: 26.204 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

Tgt Ion: 43 Resp: 26282
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.6

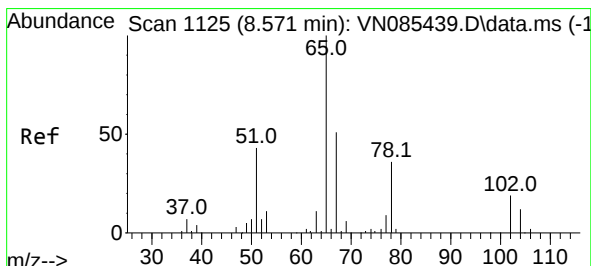
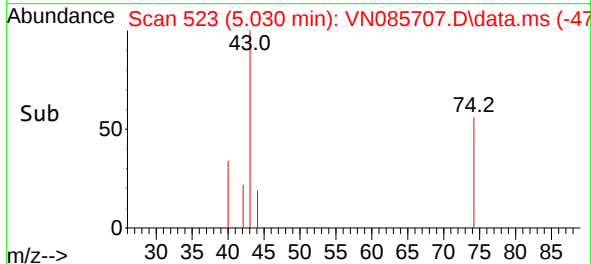
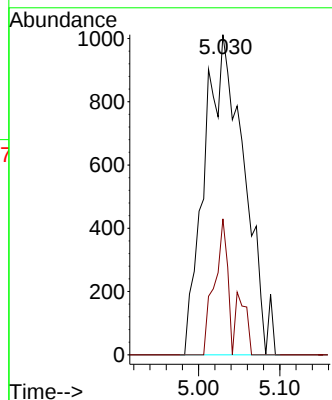
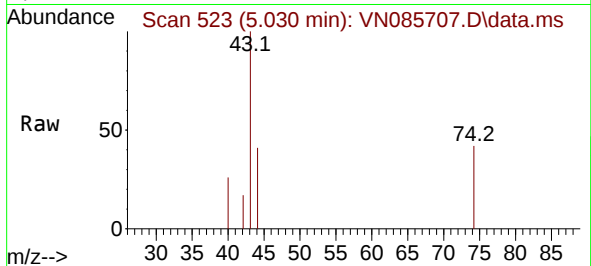




#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

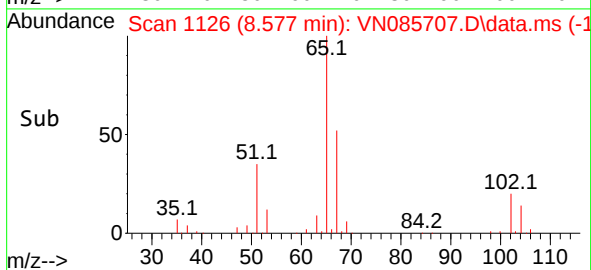
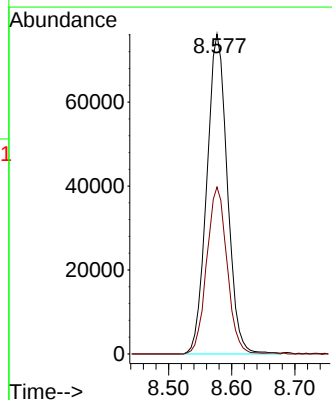
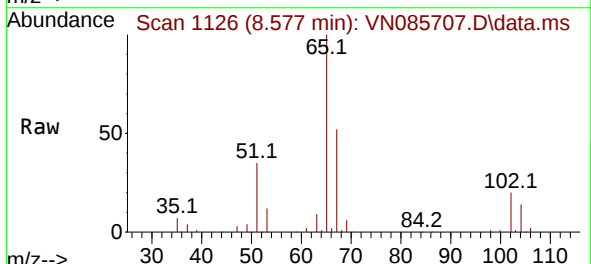
Instrument :
MSVOA_N
ClientSampleId :
WC-1

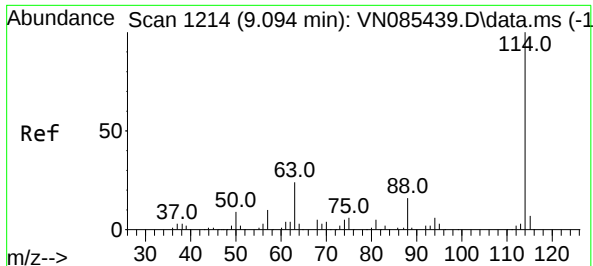
Tgt Ion: 43 Resp: 3410
Ion Ratio Lower Upper
43 100
74 14.1 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 55.346 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

Tgt Ion: 65 Resp: 171804
Ion Ratio Lower Upper
65 100
67 51.7 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: VN085707.D

Acq: 07 Feb 2025 19:29

Instrument :

MSVOA_N

ClientSampleId :

WC-1

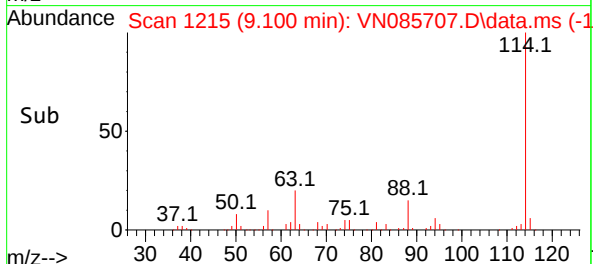
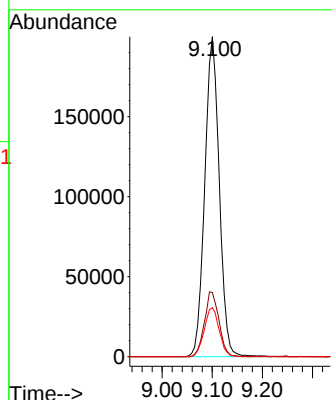
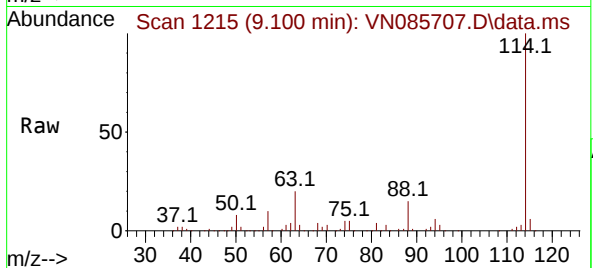
Tgt Ion:114 Resp: 401753

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085707.D

Acq: 07 Feb 2025 19:29

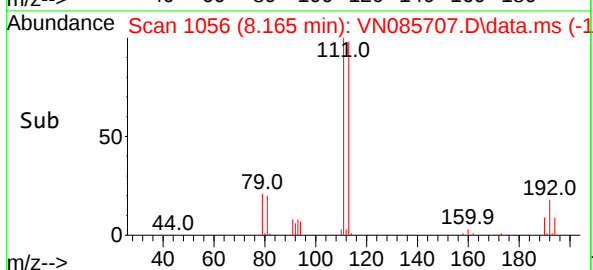
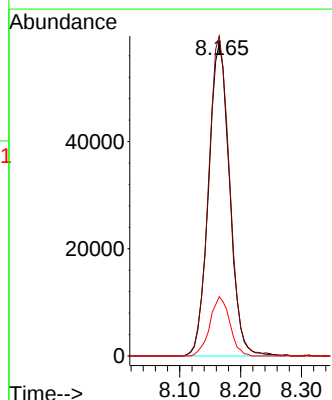
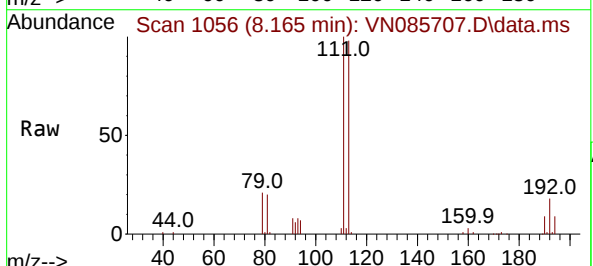
Tgt Ion:113 Resp: 140011

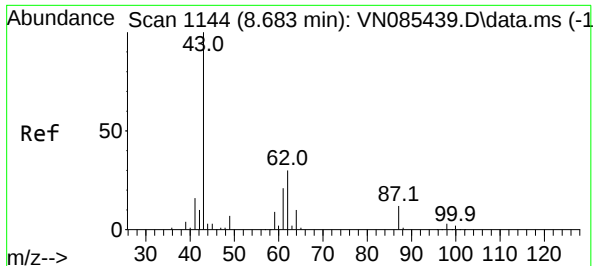
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 17.9 14.3 21.5

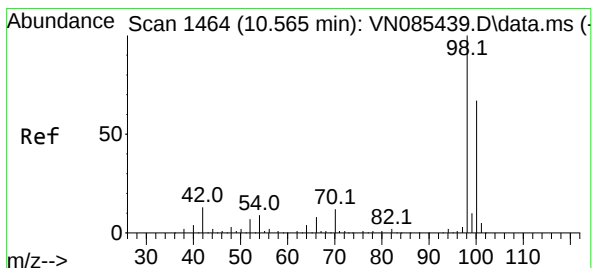
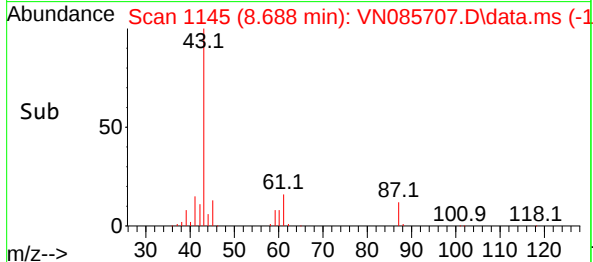
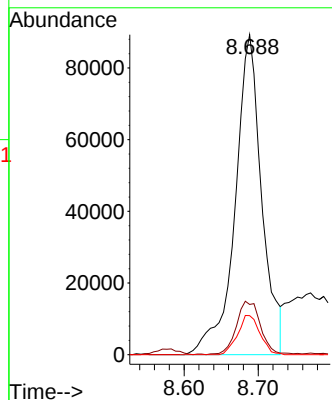
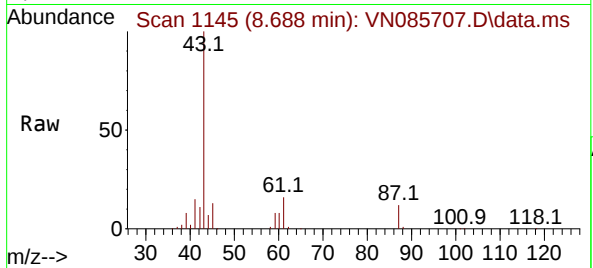




#43
Isopropyl Acetate
Concen: 35.301 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

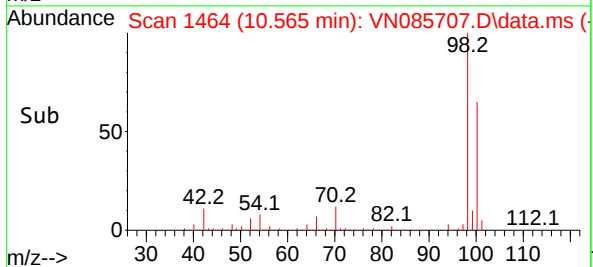
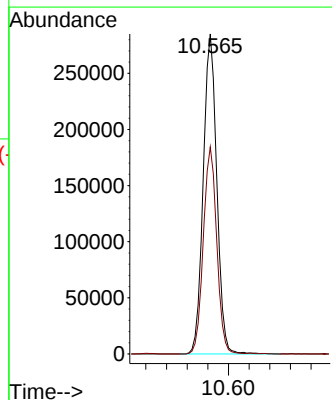
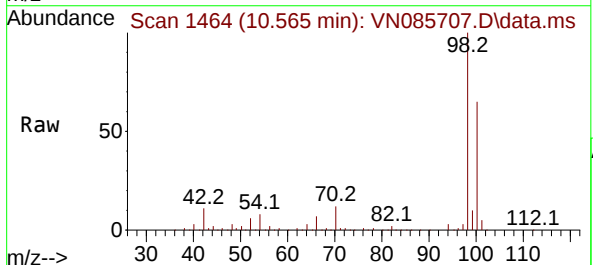
Instrument :
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ClientSampleId :
WC-1

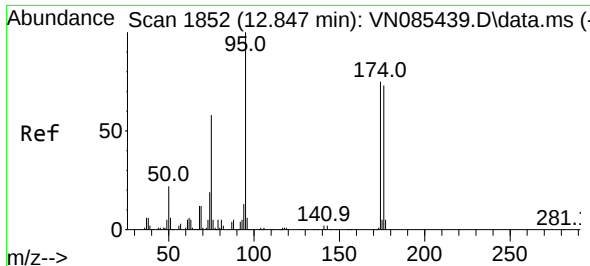
Tgt Ion: 43 Resp: 223336
Ion Ratio Lower Upper
43 100
61 15.3 20.7 31.1#
87 10.3 9.8 14.8



#50
Toluene-d8
Concen: 52.367 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

Tgt Ion: 98 Resp: 518577
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

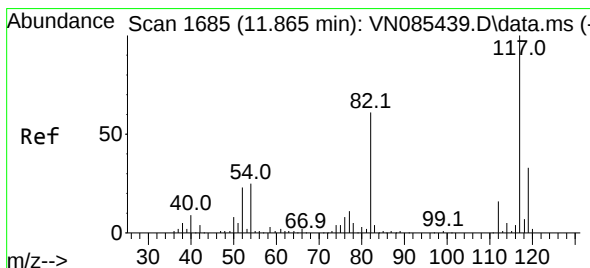
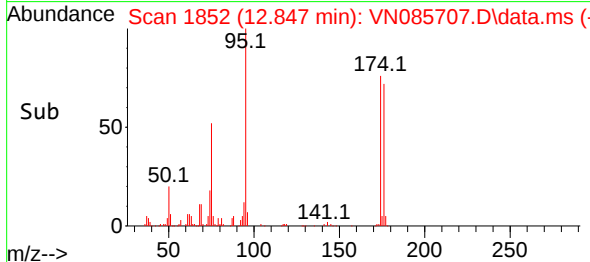
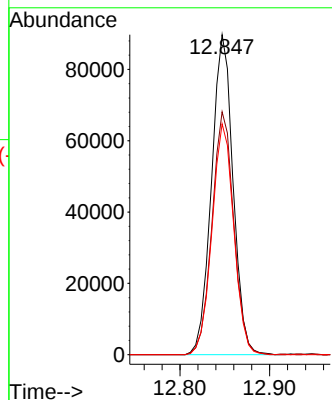
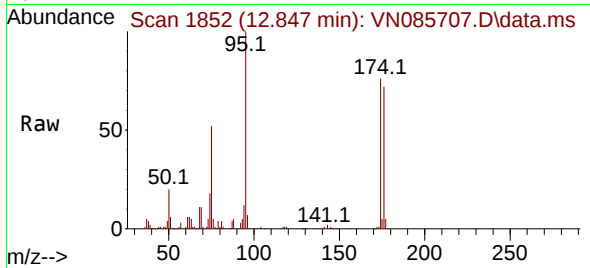




#62
4-Bromofluorobenzene
Concen: 44.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

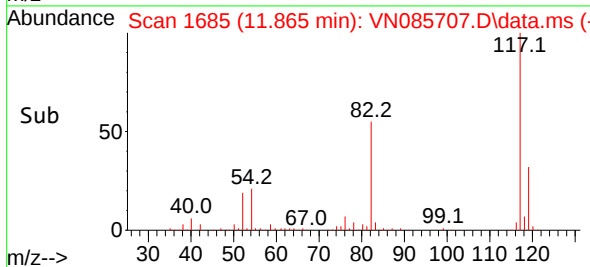
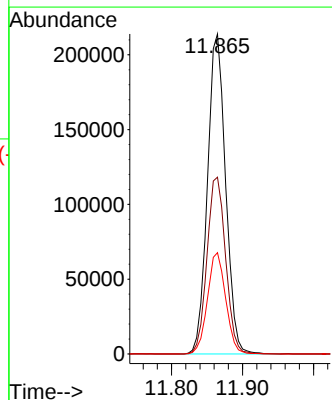
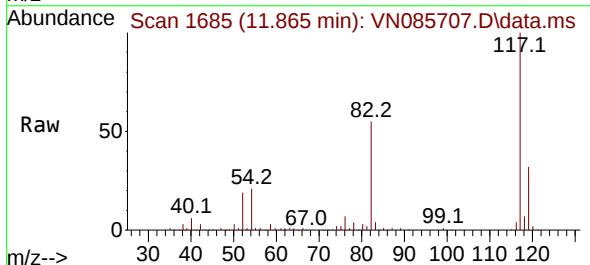
Instrument :
MSVOA_N
ClientSampleId :
WC-1

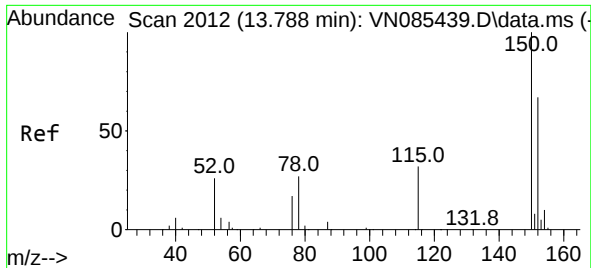
Tgt Ion: 95 Resp: 149428
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 73.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085707.D
Acq: 07 Feb 2025 19:29

Tgt Ion: 117 Resp: 379324
Ion Ratio Lower Upper
117 100
82 55.2 48.6 72.8
119 31.6 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: VN085707.D

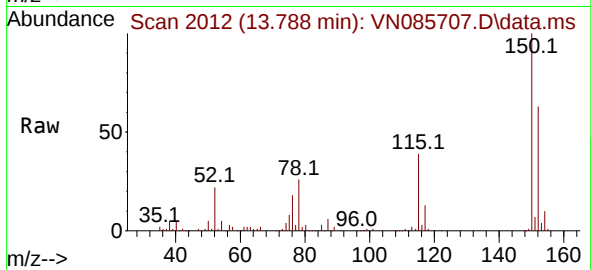
Acq: 07 Feb 2025 19:29

Instrument :

MSVOA_N

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 136382

Ion Ratio Lower Upper

152 100

115 61.5 31.1 93.3

150 156.4 0.0 343.6

