

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081288.D
 Acq On : 01 Mar 2024 16:19
 Operator : JC\MD
 Sample : P1602-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Mar 01 22:20:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

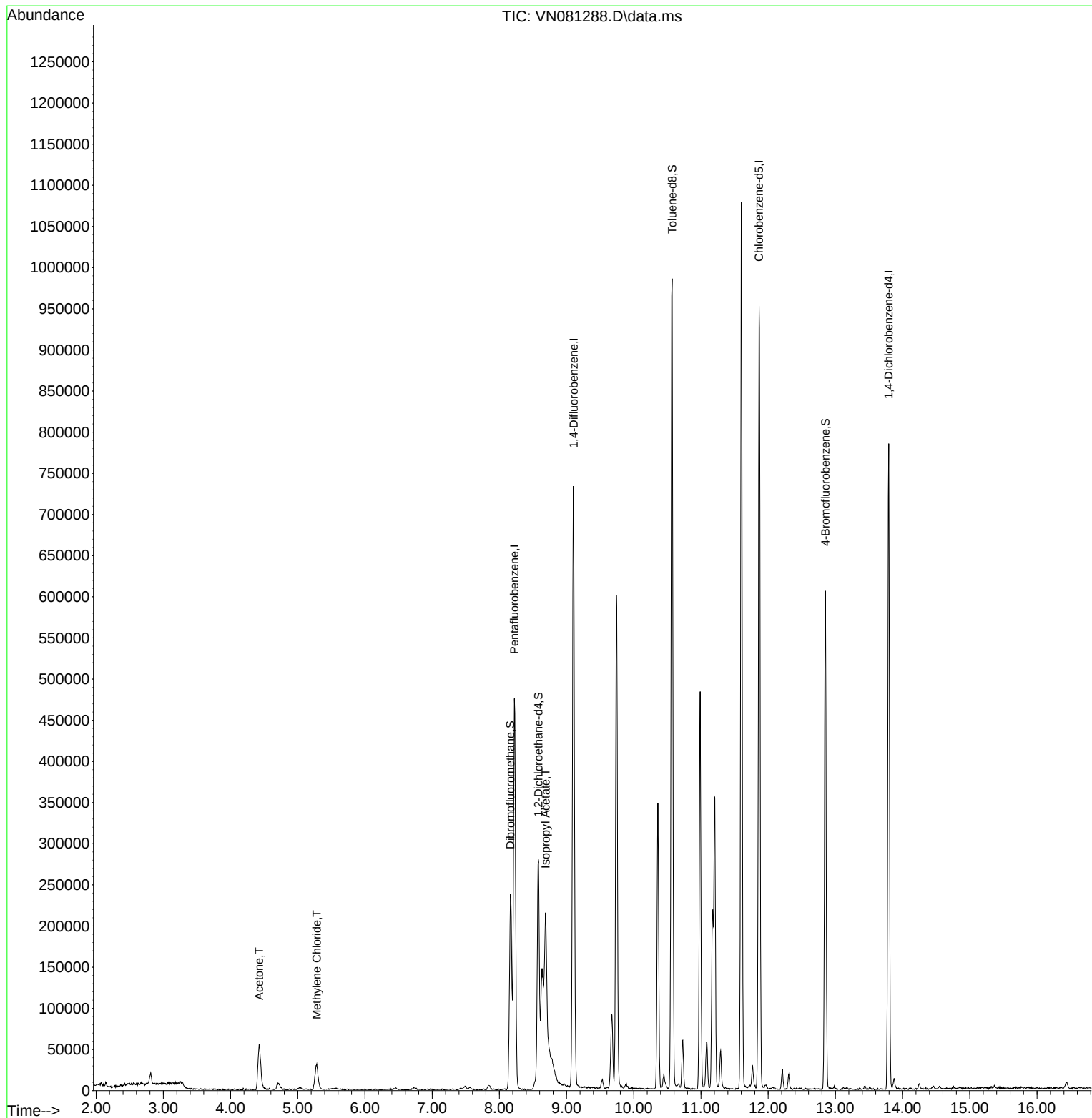
Internal Standards						
1) Pentafluorobenzene	8.224	168	318856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	537563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223443	57.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.340%
35) Dibromofluoromethane	8.165	113	171822	49.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	10.571	98	678929	55.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.853	95	208467	45.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	103299	67.172	ug/l	99
20) Methylene Chloride	5.283	84	23071	4.962	ug/l #	81
43) Isopropyl Acetate	8.688	43	222190	23.716	ug/l #	83

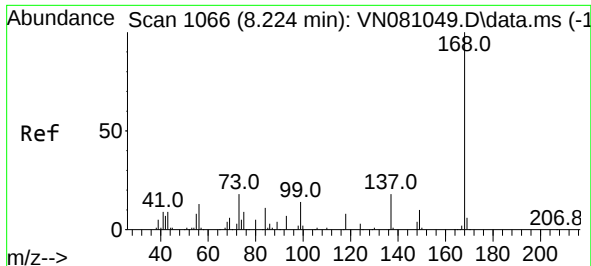
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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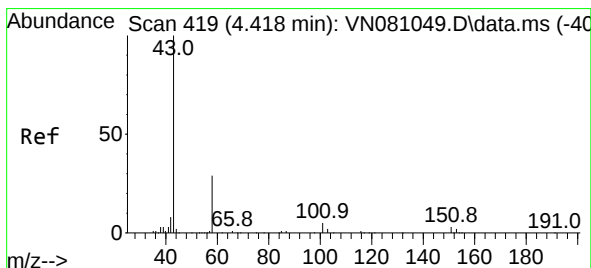
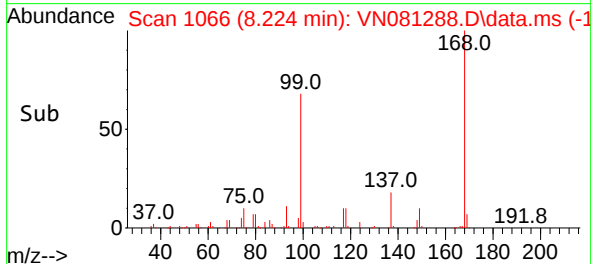
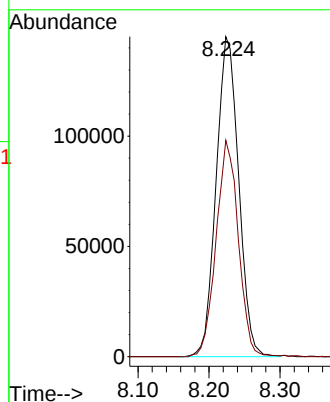
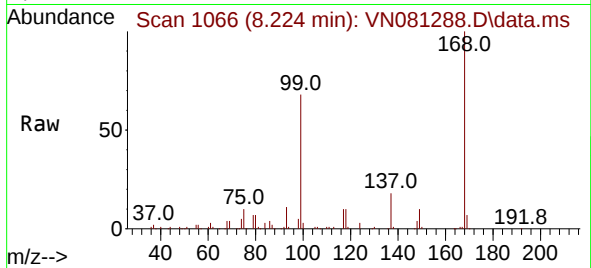




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

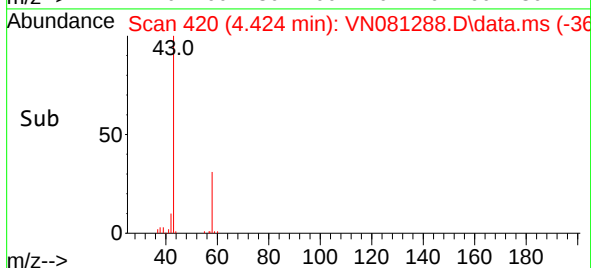
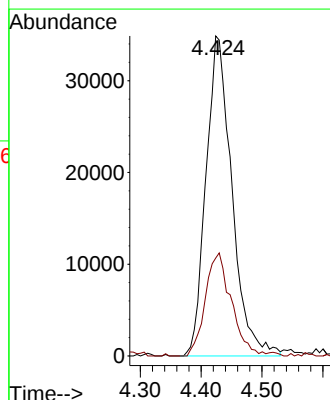
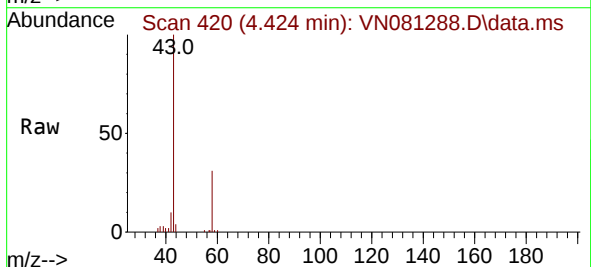
Instrument :
MSVOA_N
ClientSampleId :
WC-4

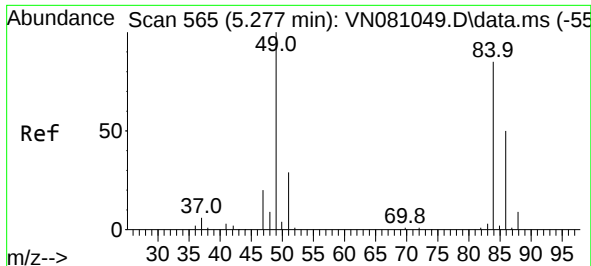
Tgt Ion:168 Resp: 318856
Ion Ratio Lower Upper
168 100
99 67.6 59.9 89.9



#16
Acetone
Concen: 67.172 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

Tgt Ion: 43 Resp: 103299
Ion Ratio Lower Upper
43 100
58 30.6 24.8 37.2

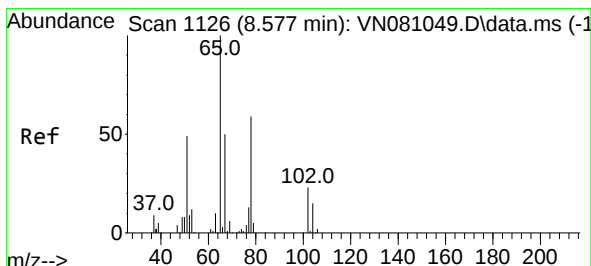
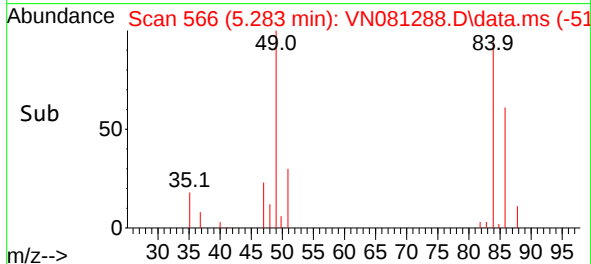
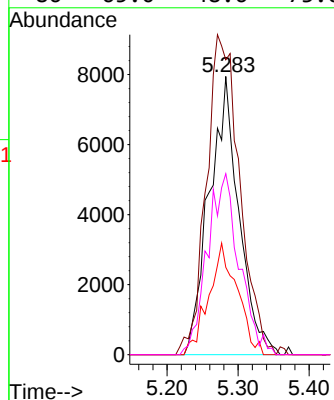
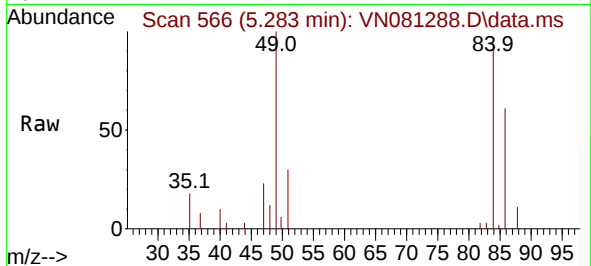




#20
Methylene Chloride
Concen: 4.962 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

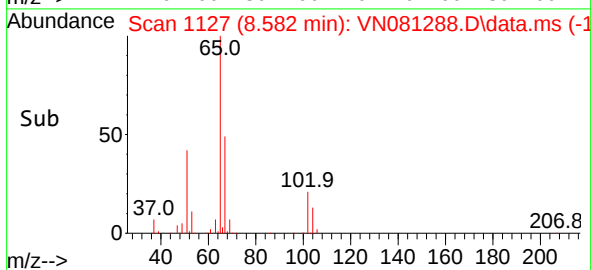
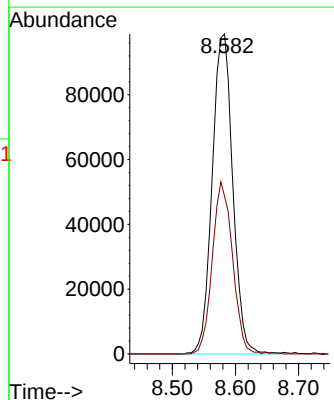
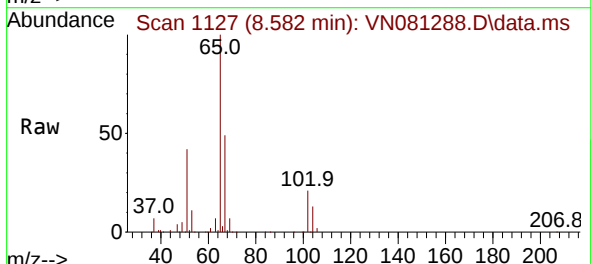
Instrument :
MSVOA_N
ClientSampleId :
WC-4

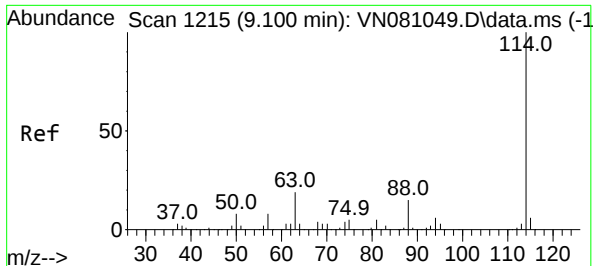
Tgt Ion: 84	Resp: 23071
Ion Ratio	Lower Upper
84	100
49	103.2 108.1 162.1#
51	31.4 32.9 49.3#
86	65.0 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 57.172 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

Tgt Ion: 65	Resp: 223443
Ion Ratio	Lower Upper
65	100
67	52.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081288.D

Acq: 01 Mar 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

WC-4

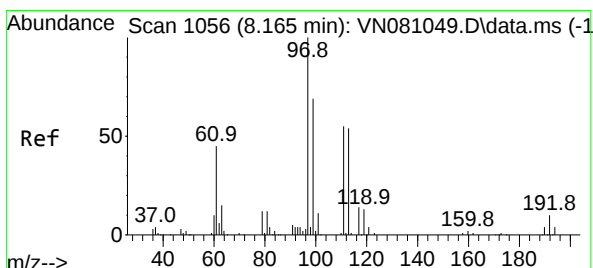
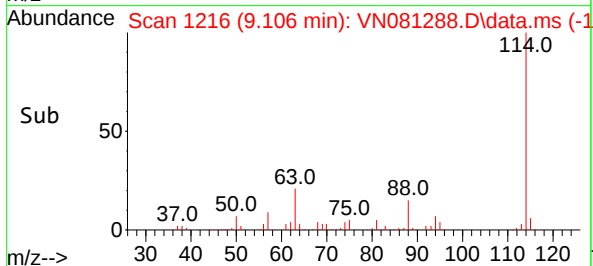
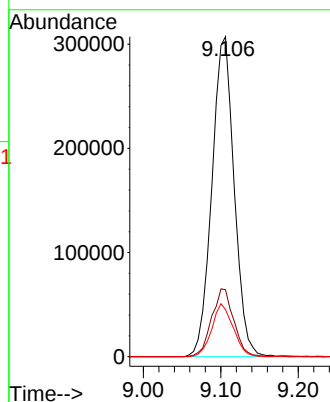
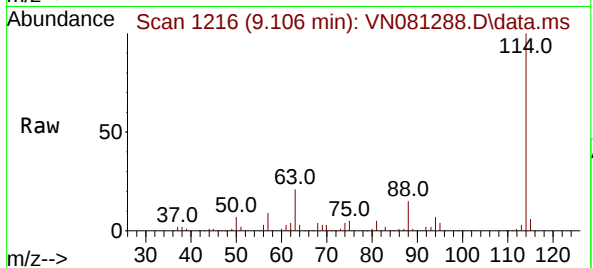
Tgt Ion:114 Resp: 612694

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.594 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081288.D

Acq: 01 Mar 2024 16:19

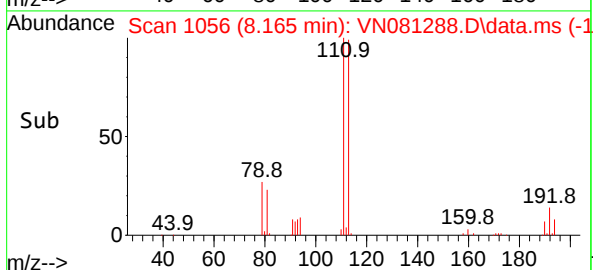
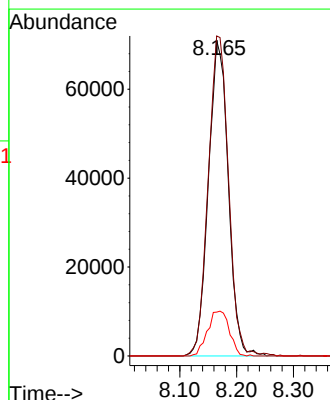
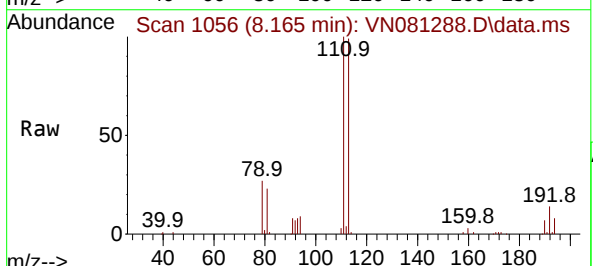
Tgt Ion:113 Resp: 171822

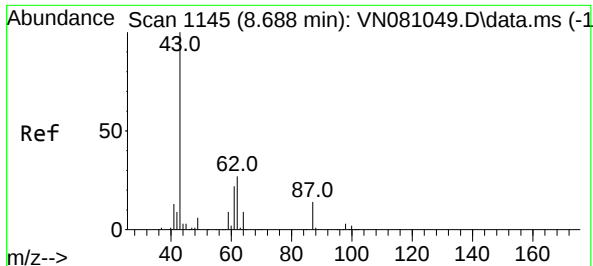
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 15.6 12.5 18.7

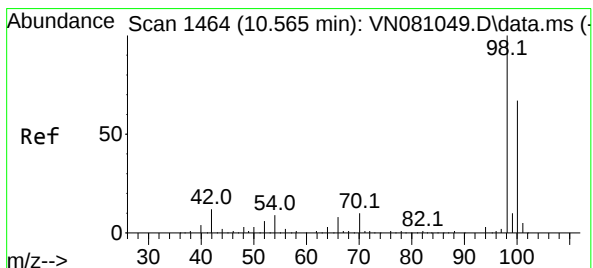
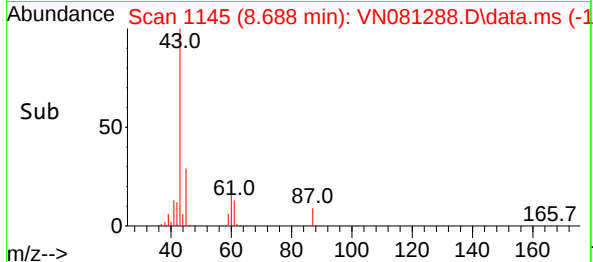
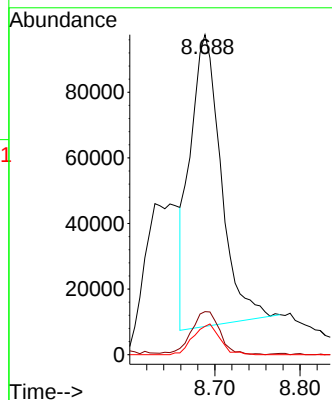
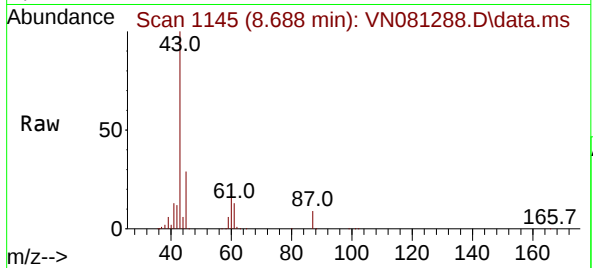




#43
Isopropyl Acetate
Concen: 23.716 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

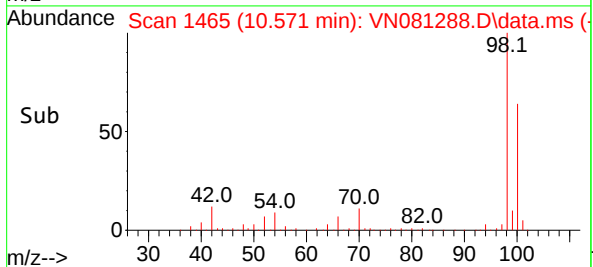
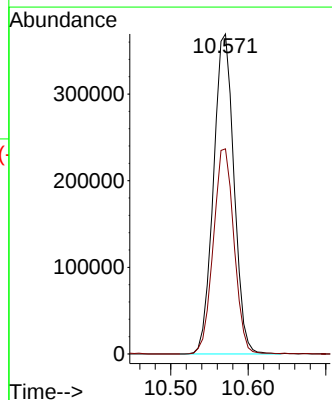
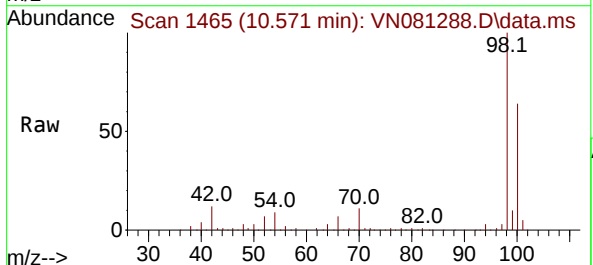
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ClientSampleId :
WC-4

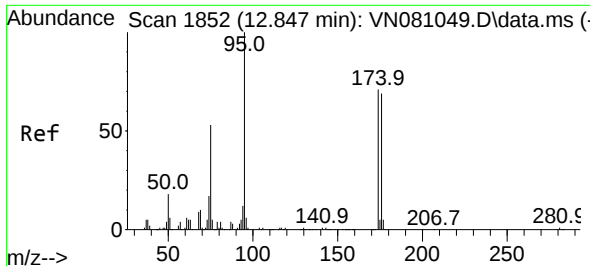
Tgt Ion: 43 Resp: 222190
Ion Ratio Lower Upper
43 100
61 13.9 19.9 29.9#
87 9.1 9.0 13.6



#50
Toluene-d8
Concen: 55.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

Tgt Ion: 98 Resp: 678929
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

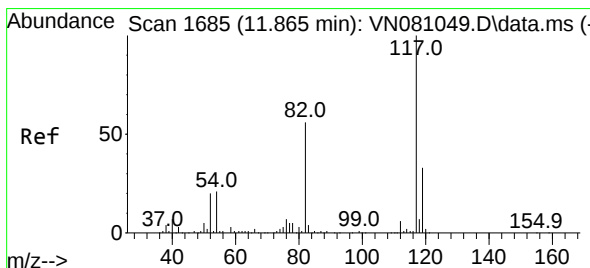
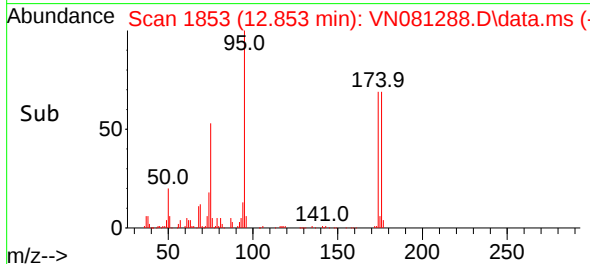
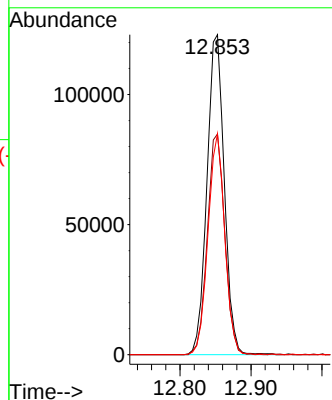
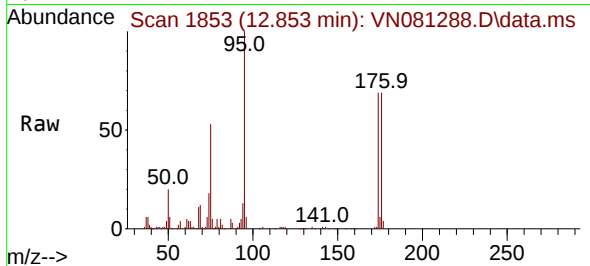




#62
4-Bromofluorobenzene
Concen: 45.086 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

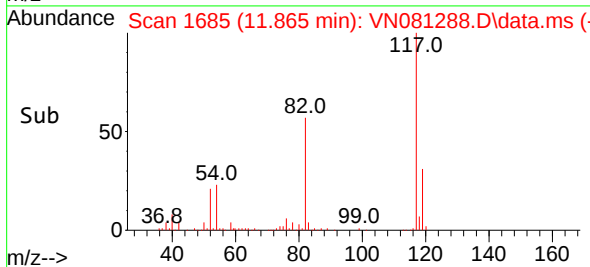
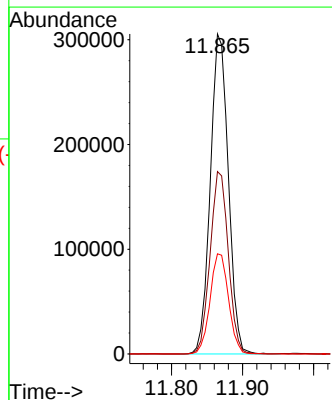
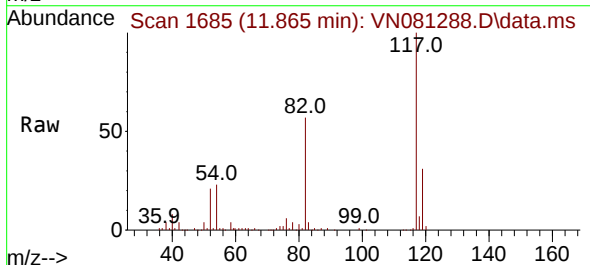
Instrument :
MSVOA_N
ClientSampleId :
WC-4

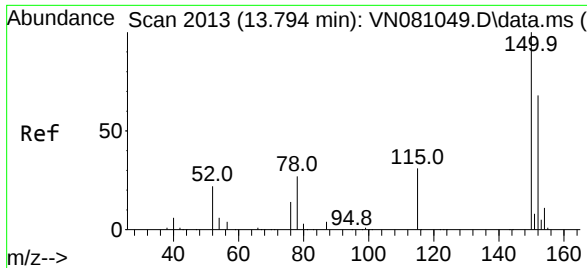
Tgt Ion: 95 Resp: 208467
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 66.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081288.D
Acq: 01 Mar 2024 16:19

Tgt Ion: 117 Resp: 537563
Ion Ratio Lower Upper
117 100
82 57.0 52.7 79.1
119 31.3 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081288.D
 Acq: 01 Mar 2024 16:19

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Tgt Ion:152 Resp: 201158
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.3 96.8
 150 157.6 0.0 339.8

