

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080215.D
 Acq On : 20 Nov 2023 18:10
 Operator : JC\MD
 Sample : 05468-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Nov 21 01:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

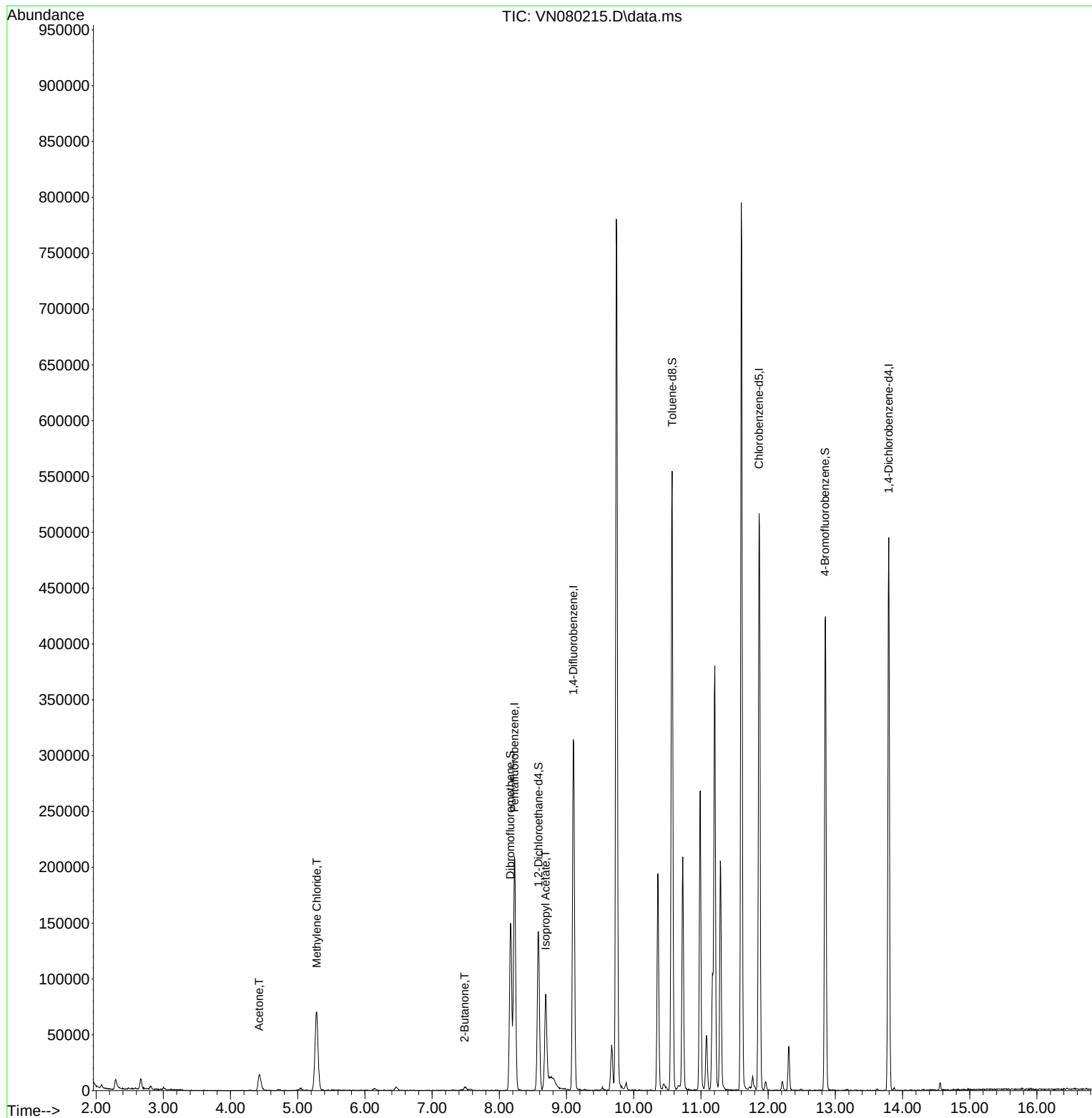
Internal Standards						
1) Pentafluorobenzene	8.224	168	144450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136402	57.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.380%
35) Dibromofluoromethane	8.165	113	103377	52.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.571	98	370248	52.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.847	95	143193	53.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.080%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	28115	35.096	ug/l	96
20) Methylene Chloride	5.283	84	59128	35.245	ug/l	90
25) 2-Butanone	7.483	43	5406	5.680	ug/l #	71
43) Isopropyl Acetate	8.688	43	92732	24.156	ug/l #	85

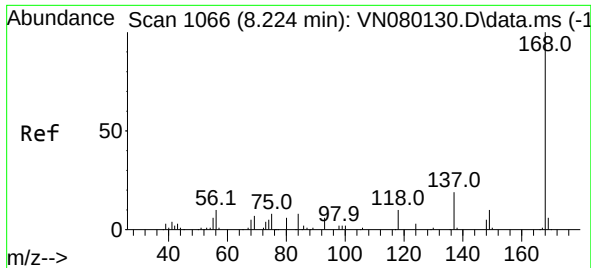
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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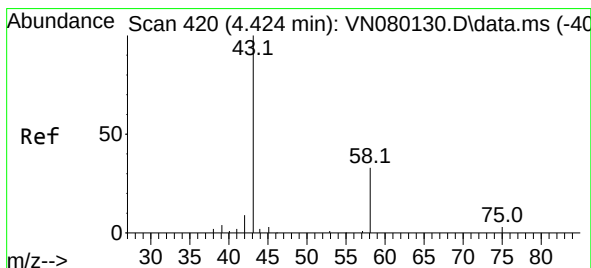
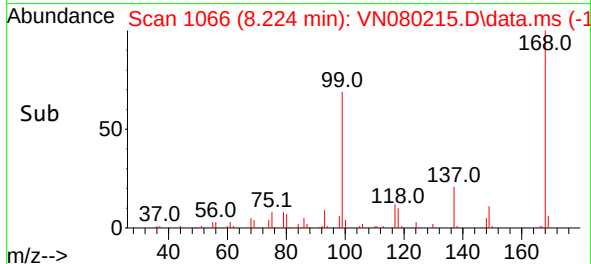
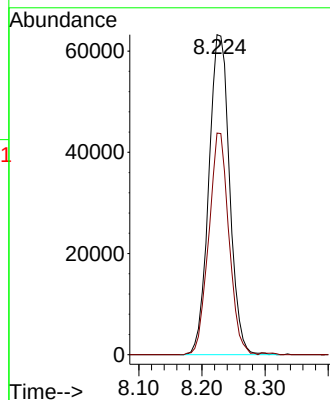
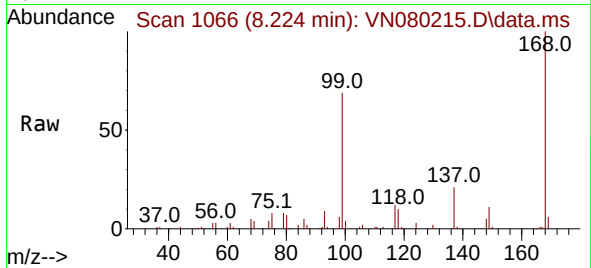




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

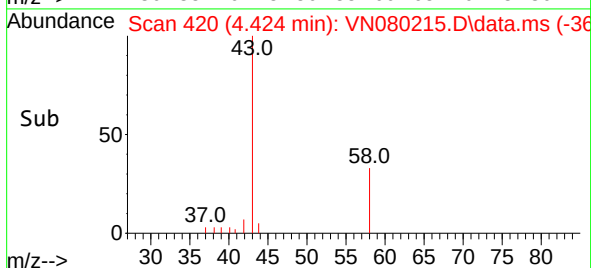
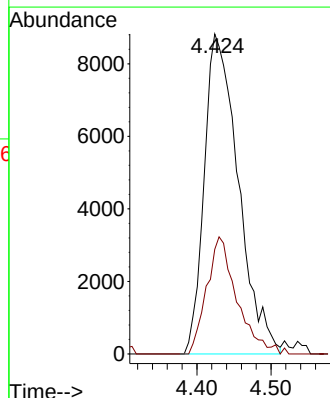
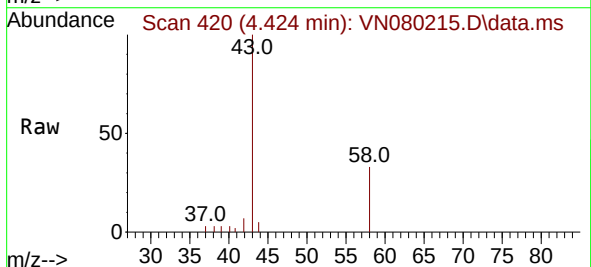
Instrument :
MSVOA_N
ClientSampleId :
TP-9

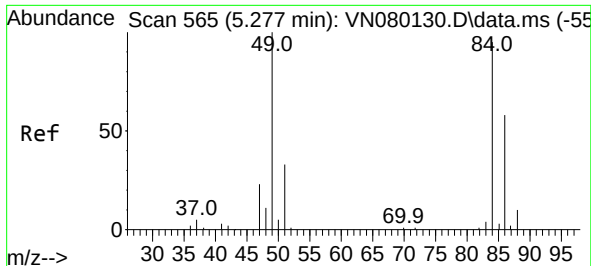
Tgt Ion:168 Resp: 144450
Ion Ratio Lower Upper
168 100
99 69.2 53.0 79.6



#16
Acetone
Concen: 35.096 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Tgt Ion: 43 Resp: 28115
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

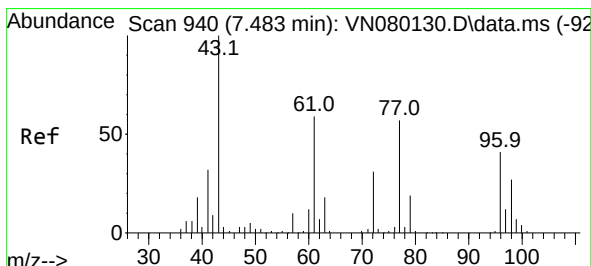
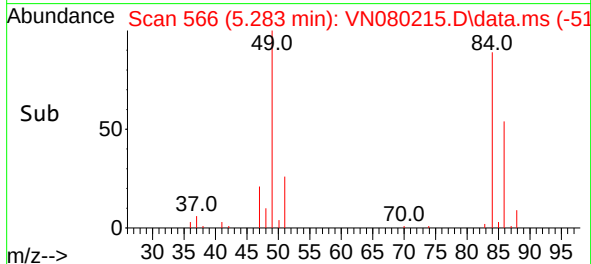
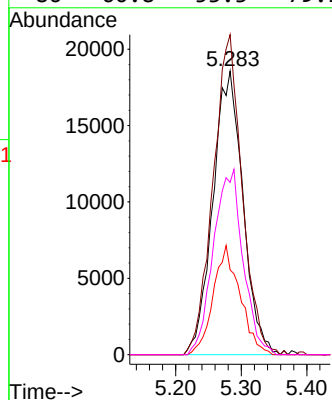
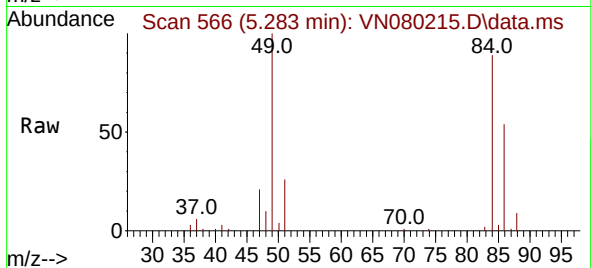




#20
Methylene Chloride
Concen: 35.245 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

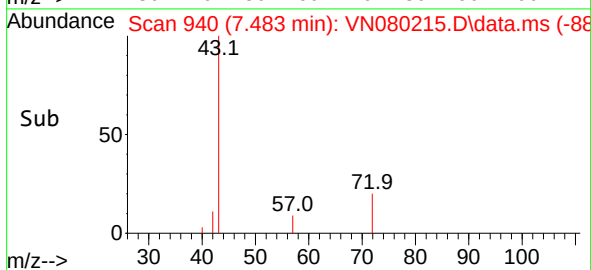
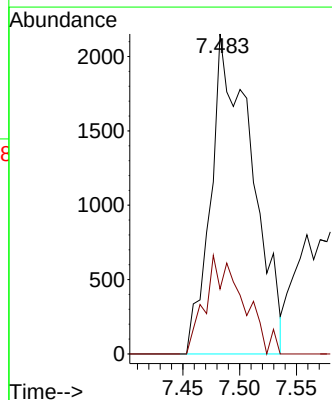
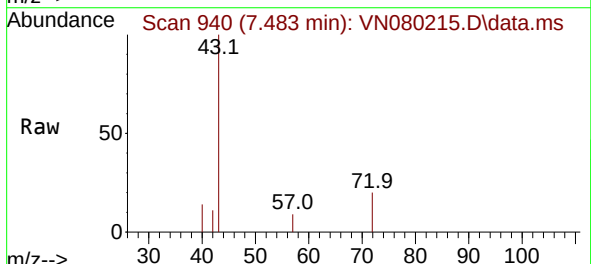
Instrument :
MSVOA_N
ClientSampleId :
TP-9

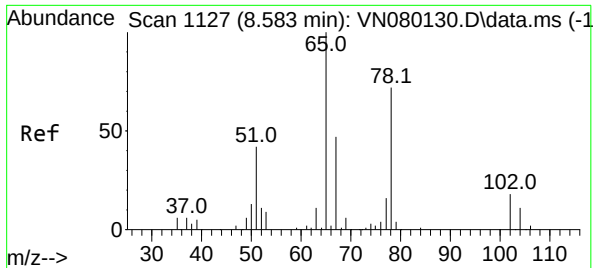
Tgt Ion: 84	Resp: 59128
Ion Ratio	Lower Upper
84 100	
49 112.9	79.7 119.5
51 29.9	25.2 37.8
86 60.8	53.3 79.9



#25
2-Butanone
Concen: 5.680 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Tgt Ion: 43	Resp: 5406		
Ion Ratio	Lower	Upper	
43 100			
72 20.3	30.2	45.2#	





#33

1,2-Dichloroethane-d4

Concen: 57.189 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080215.D

Acq: 20 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

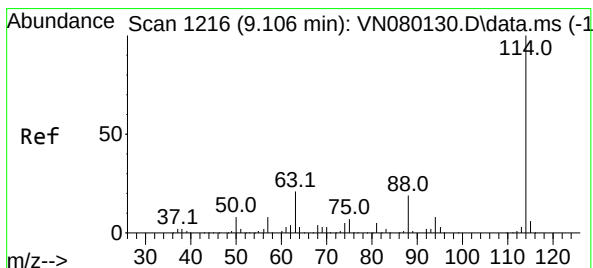
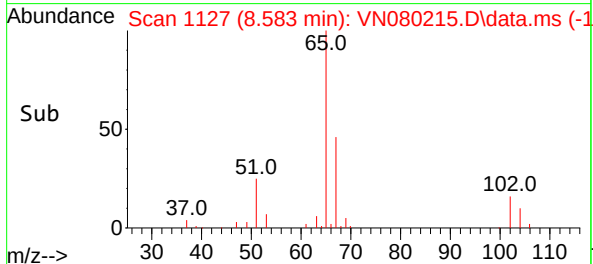
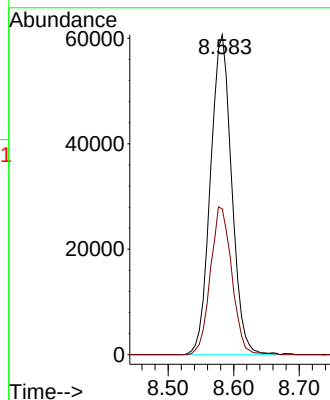
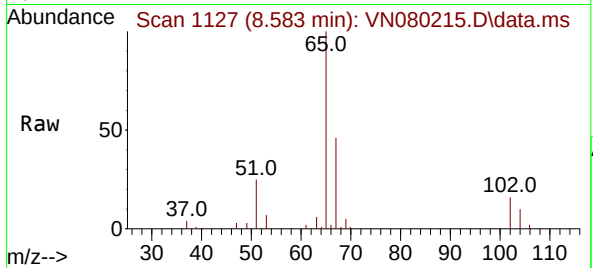
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Tgt Ion: 65 Resp: 136402

Ion Ratio Lower Upper

65 100

67 46.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080215.D

Acq: 20 Nov 2023 18:10

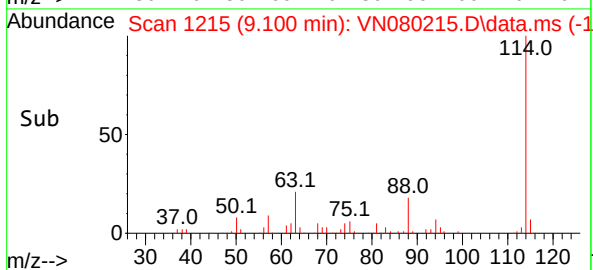
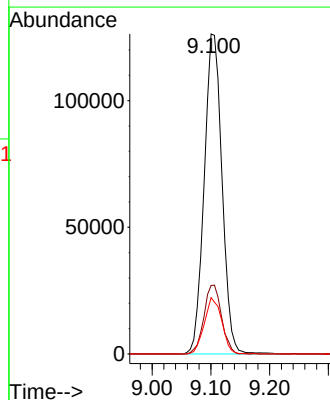
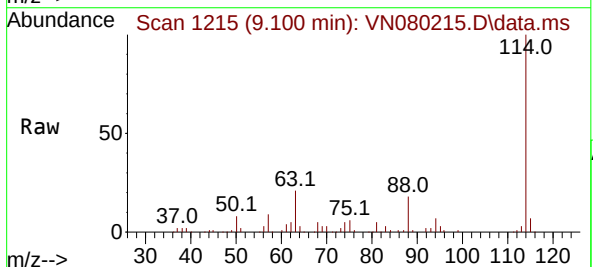
Tgt Ion: 114 Resp: 266223

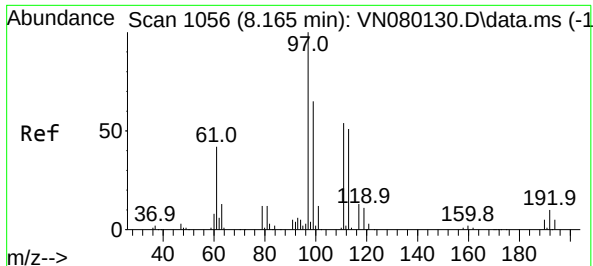
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 17.6 0.0 30.6

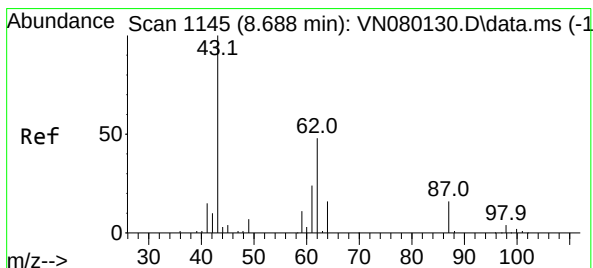
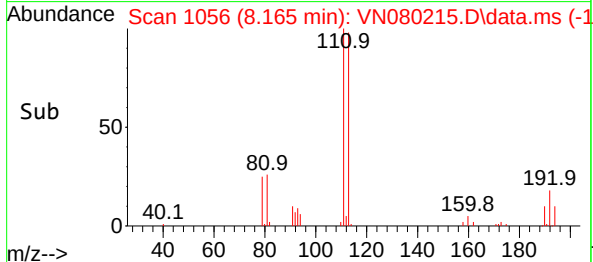
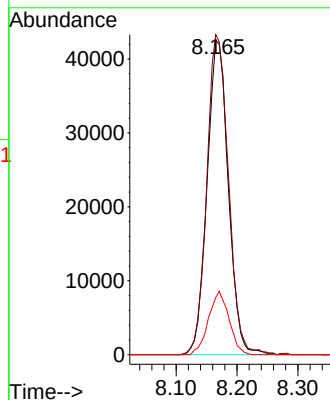
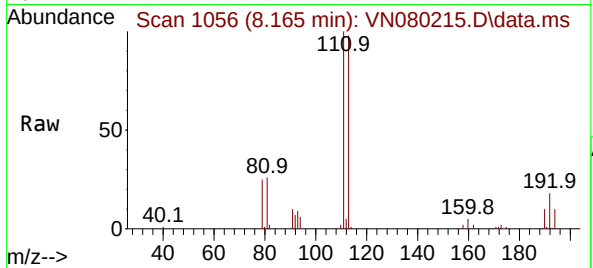




#35
Dibromofluoromethane
Concen: 52.626 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

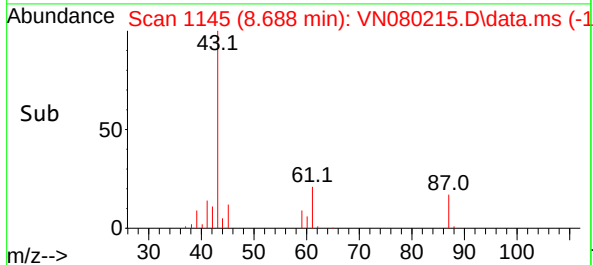
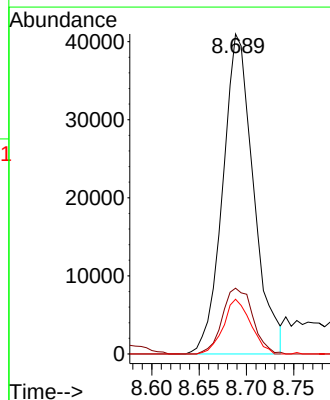
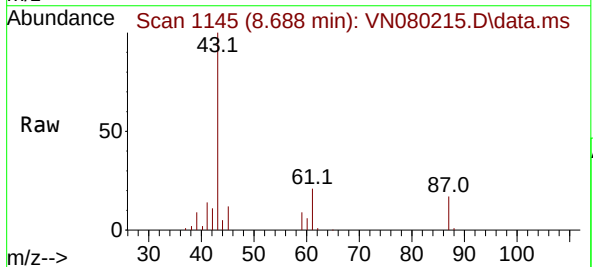
Instrument :
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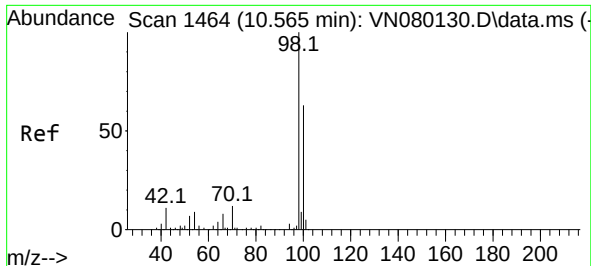
Tgt Ion:113 Resp: 103377
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.4 12.7 19.1#



#43
Isopropyl Acetate
Concen: 24.156 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Tgt Ion: 43 Resp: 92732
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 15.1 14.6 21.8

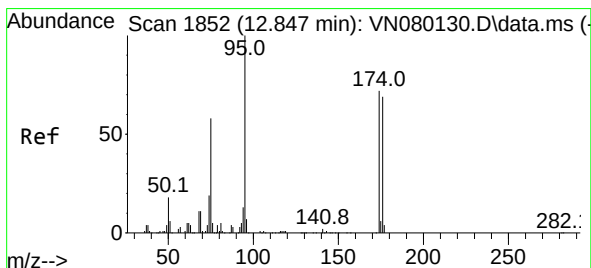
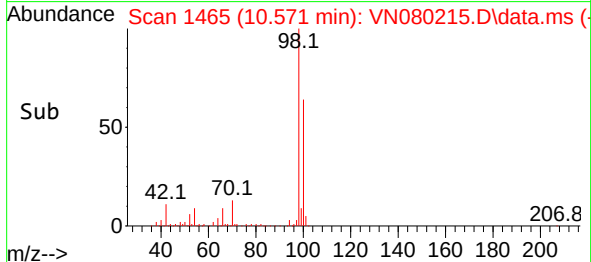
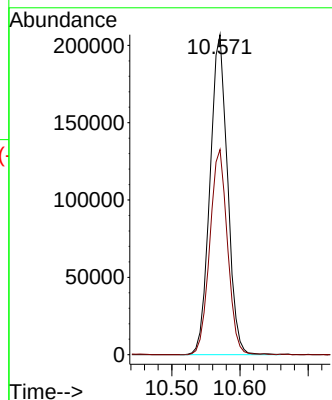
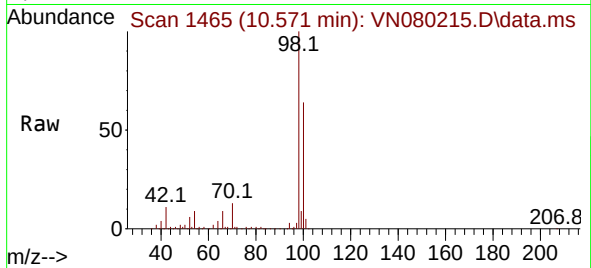




#50
Toluene-d8
Concen: 52.286 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

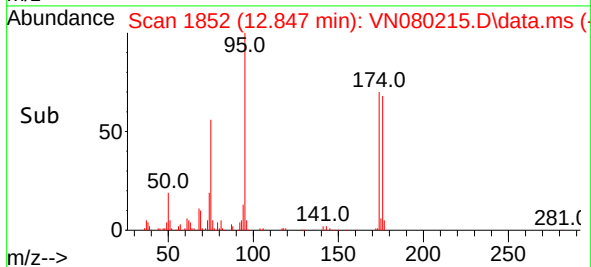
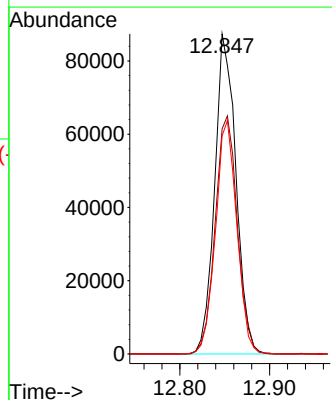
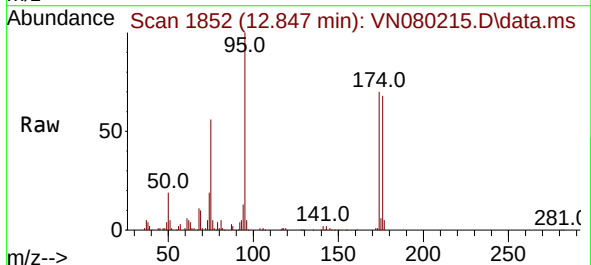
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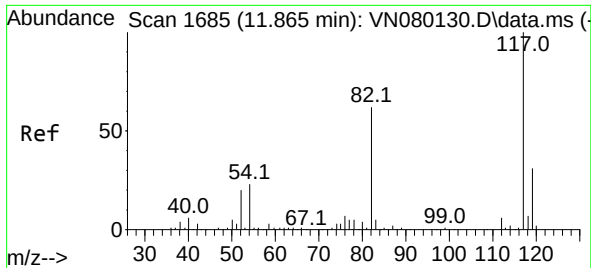
Tgt Ion: 98 Resp: 370248
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Tgt Ion: 95 Resp: 143193
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 73.4 0.0 135.8

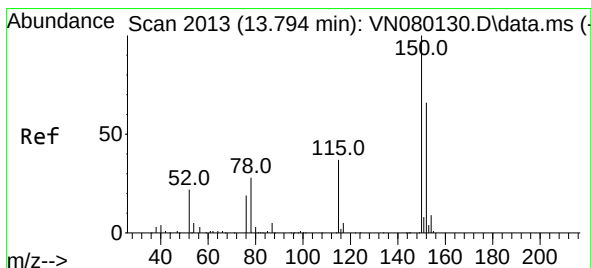
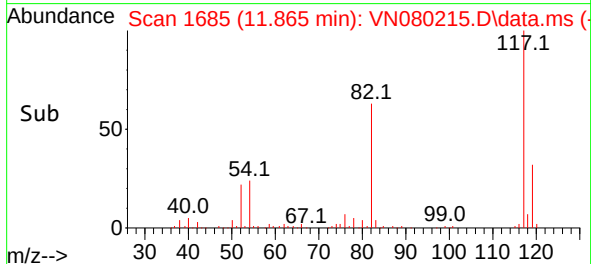
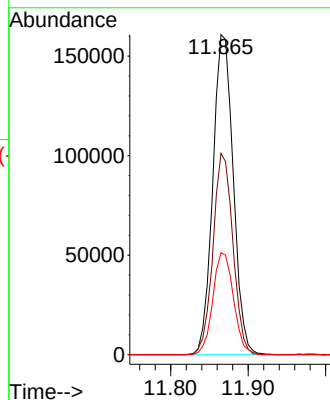
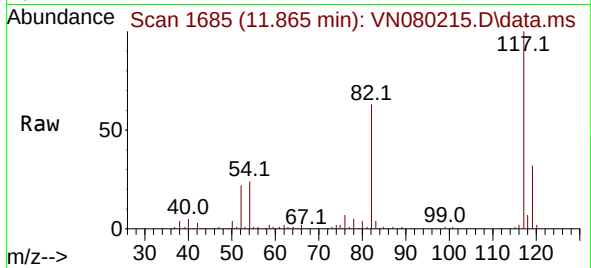




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 294660
Ion Ratio Lower Upper
117 100
82 62.9 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080215.D
Acq: 20 Nov 2023 18:10

Tgt Ion:152 Resp: 126309
Ion Ratio Lower Upper
152 100
115 67.6 32.3 96.8
150 161.2 0.0 355.8

