

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080220.D
 Acq On : 20 Nov 2023 20:09
 Operator : JC\MD
 Sample : 05489-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRACKS-SP-2-E2

Quant Time: Nov 21 01:11:30 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)

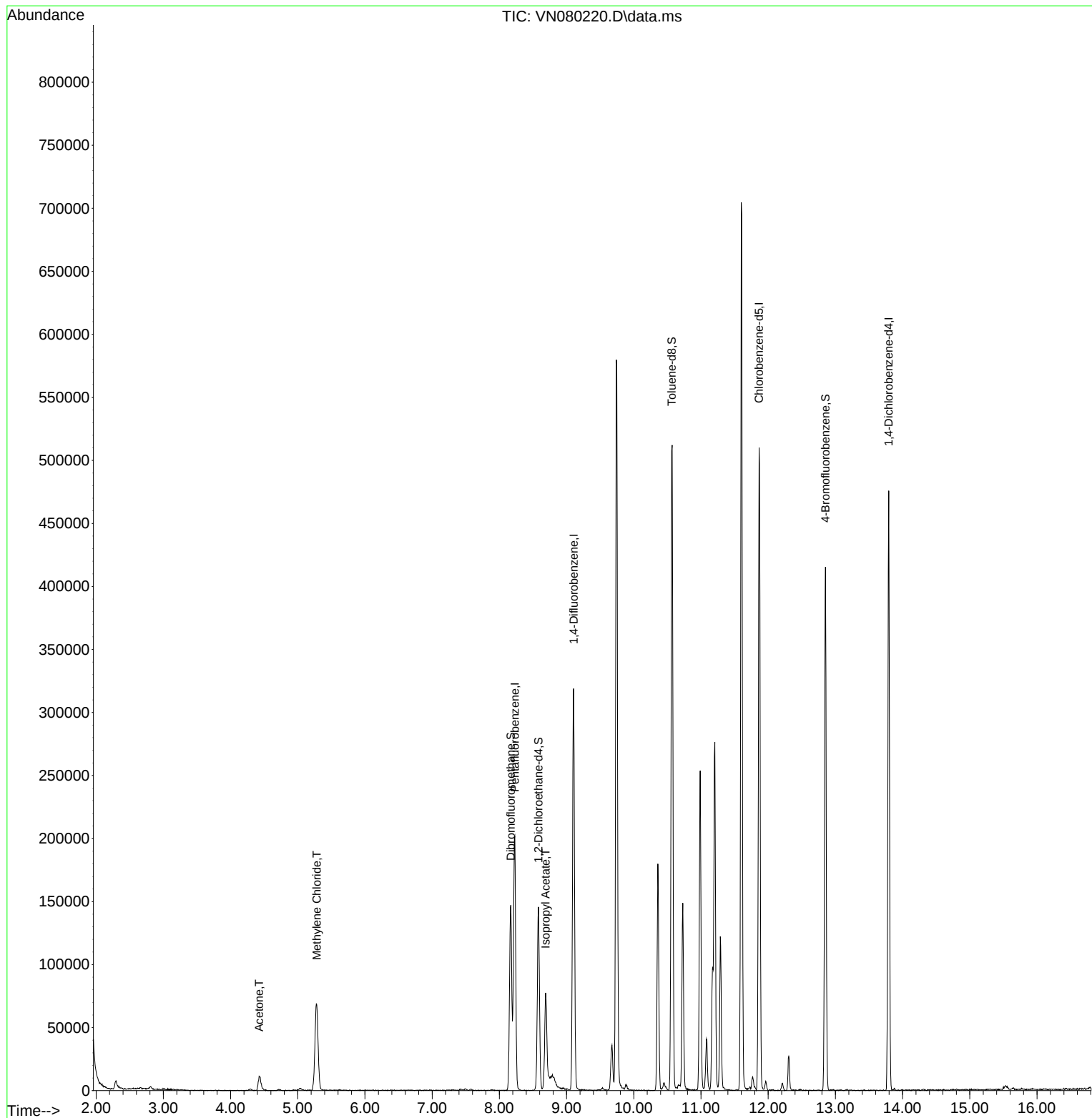
Internal Standards						
1) Pentafluorobenzene	8.230	168	137499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133468	58.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.580%
35) Dibromofluoromethane	8.171	113	101261	52.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.120%
50) Toluene-d8	10.565	98	359849	51.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.853	95	138924	52.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.920%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	21801	28.590	ug/l #	85
20) Methylene Chloride	5.283	84	59285	37.125	ug/l	96
43) Isopropyl Acetate	8.688	43	88623	23.540	ug/l #	82

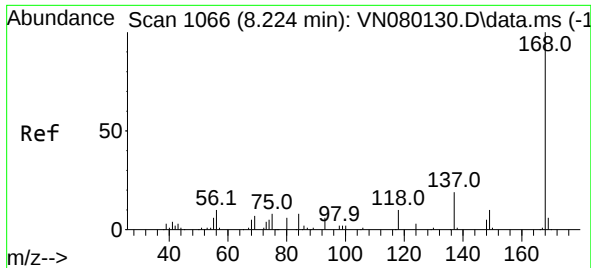
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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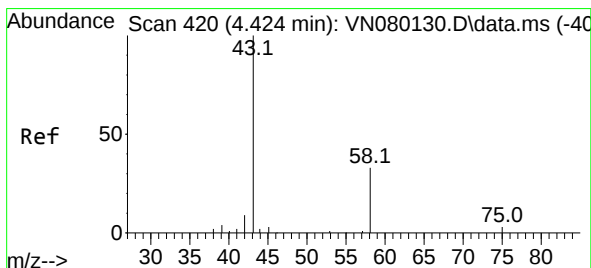
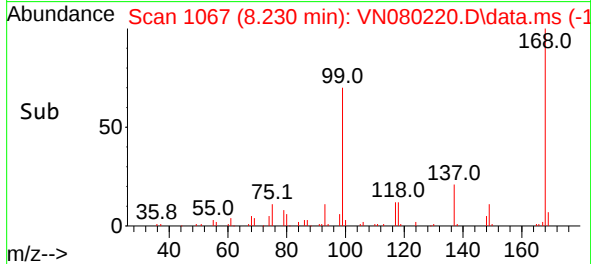
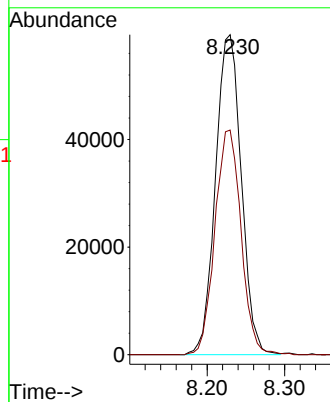
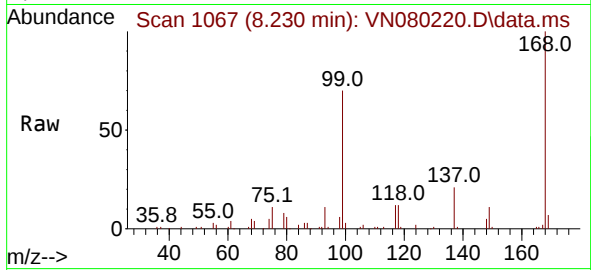




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

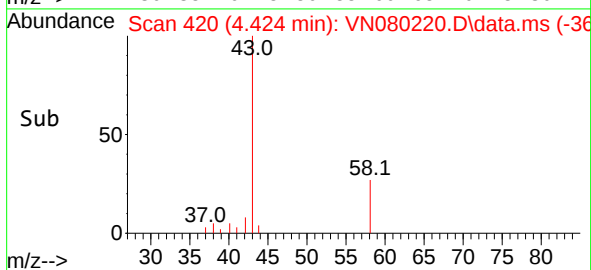
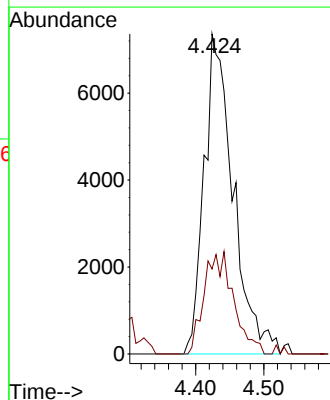
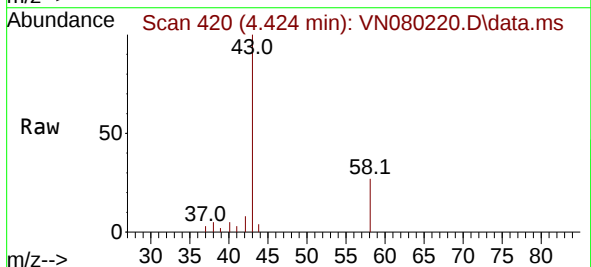
Instrument :
MSVOA_N
ClientSampleId :
TRACKS-SP-2-E2

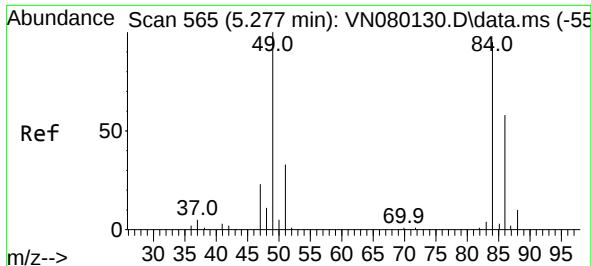
Tgt Ion:168 Resp: 137499
Ion Ratio Lower Upper
168 100
99 70.2 53.0 79.6



#16
Acetone
Concen: 28.590 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

Tgt Ion: 43 Resp: 21801
Ion Ratio Lower Upper
43 100
58 26.5 28.0 42.0#

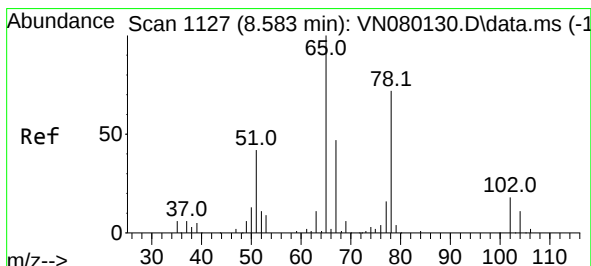
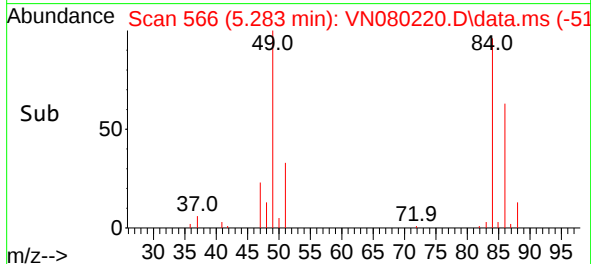
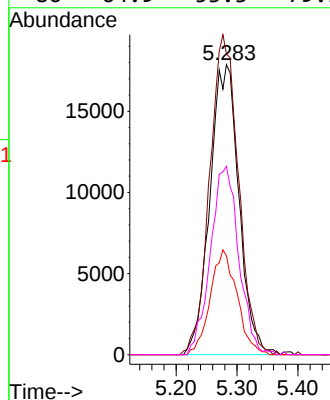
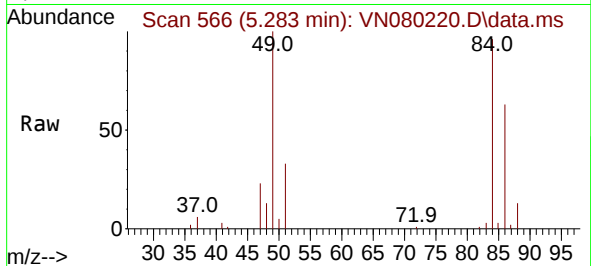




#20
Methylene Chloride
Concen: 37.125 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

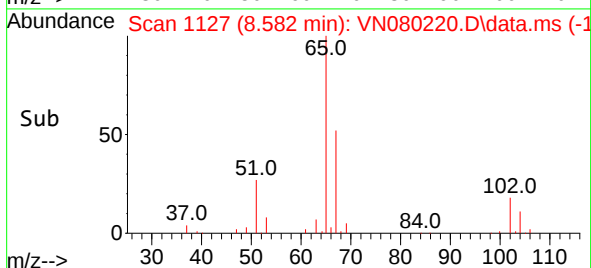
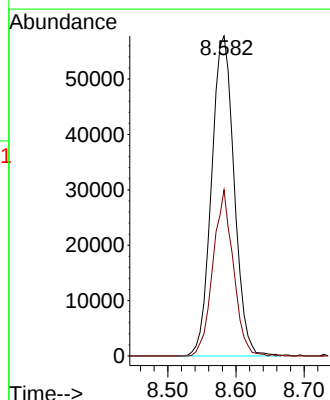
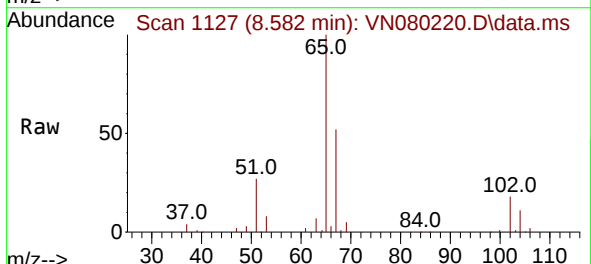
Instrument :
MSVOA_N
ClientSampleId :
TRACKS-SP-2-E2

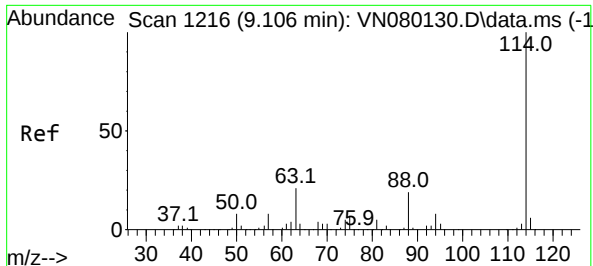
Tgt Ion: 84	Resp: 59285
Ion Ratio	Lower Upper
84 100	
49 103.7	79.7 119.5
51 34.1	25.2 37.8
86 64.9	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 58.788 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

Tgt Ion: 65	Resp: 133468
Ion Ratio	Lower Upper
65 100	
67 46.8	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080220.D

Acq: 20 Nov 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

TRACKS-SP-2-E2

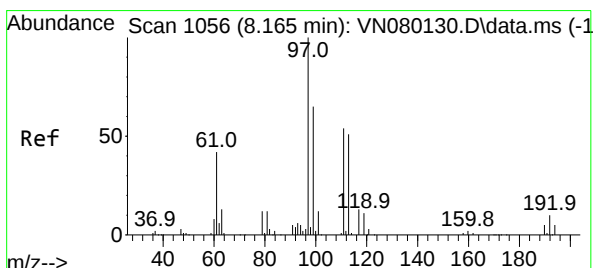
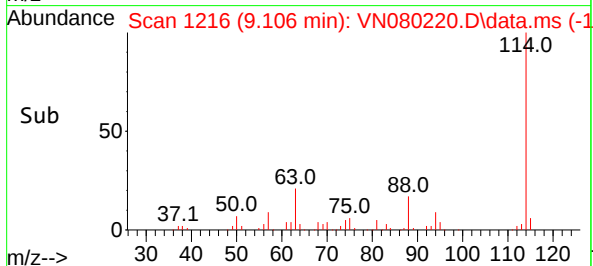
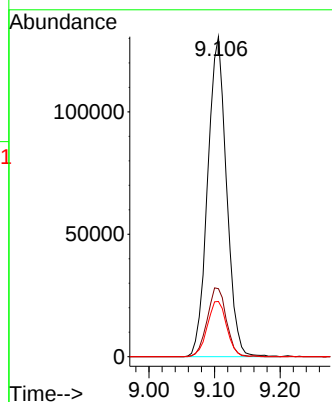
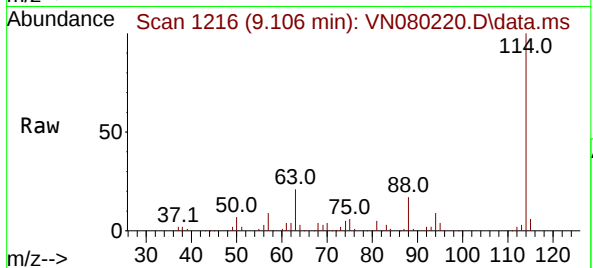
Tgt Ion:114 Resp: 261081

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.564 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080220.D

Acq: 20 Nov 2023 20:09

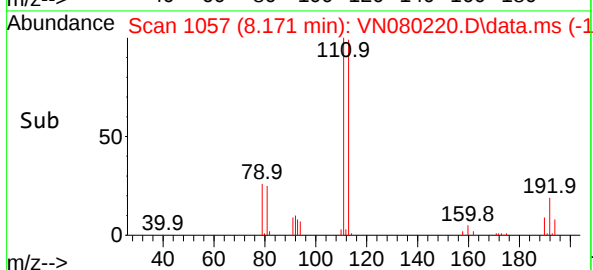
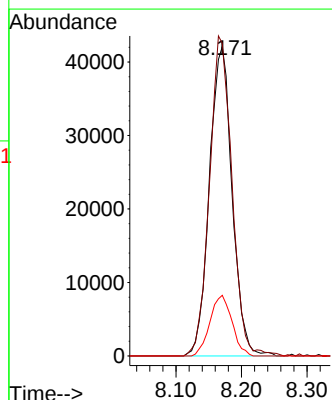
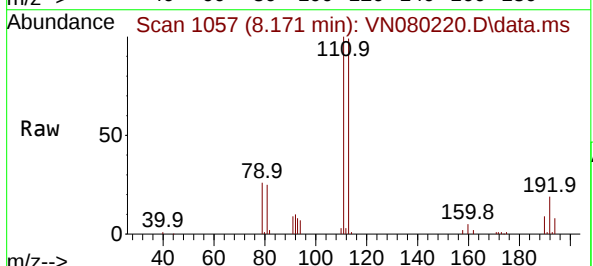
Tgt Ion:113 Resp: 101261

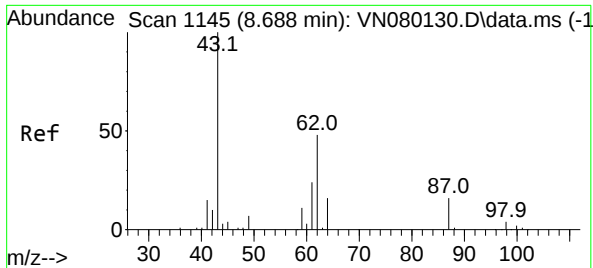
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 19.0 12.7 19.1

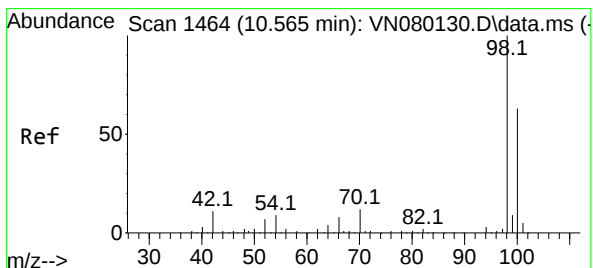
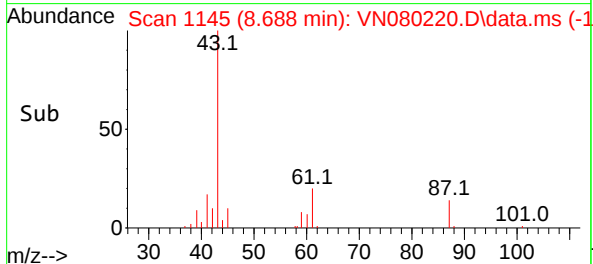
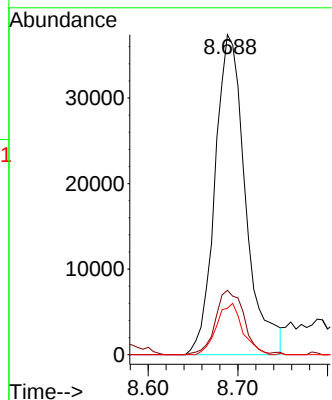
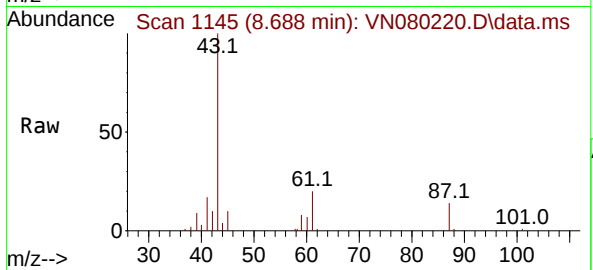




#43
Isopropyl Acetate
Concen: 23.540 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

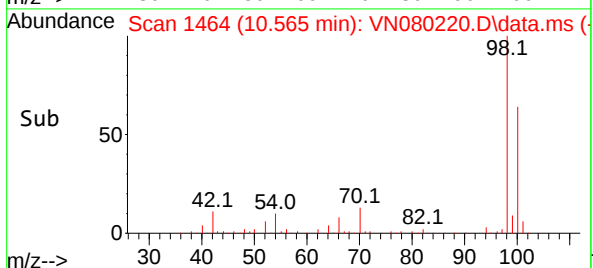
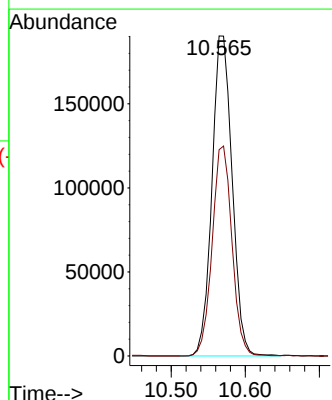
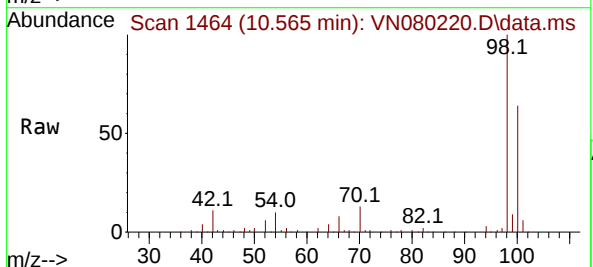
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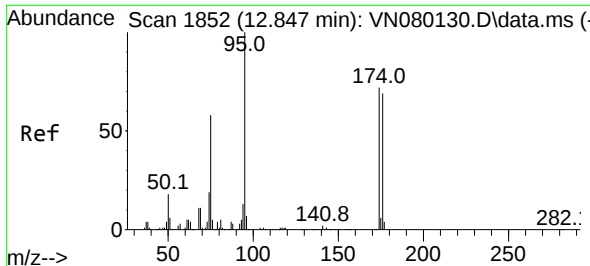
Tgt Ion: 43 Resp: 88623
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 13.6 14.6 21.8#



#50
Toluene-d8
Concen: 51.819 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

Tgt Ion: 98 Resp: 359849
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

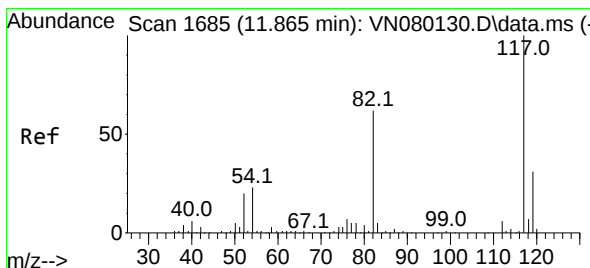
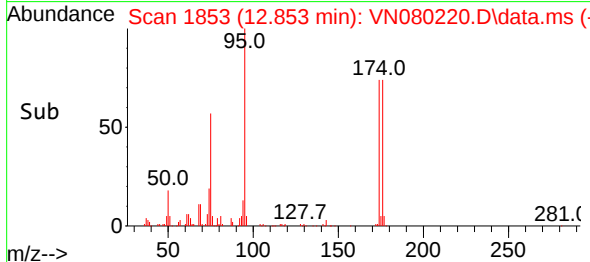
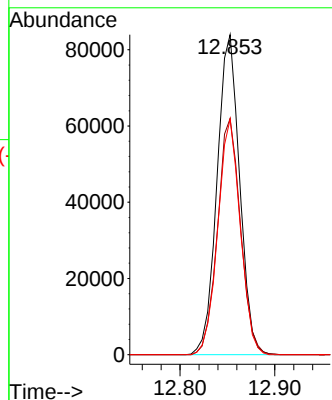
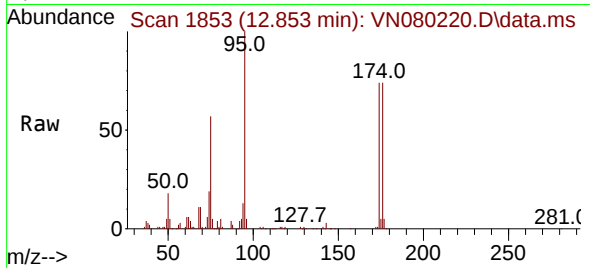




#62
4-Bromofluorobenzene
Concen: 52.963 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

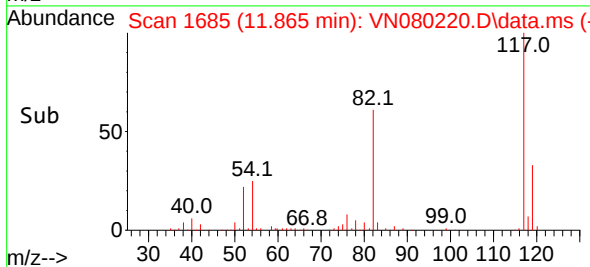
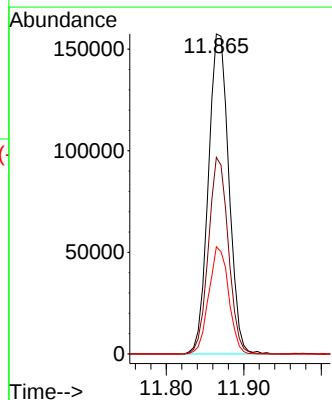
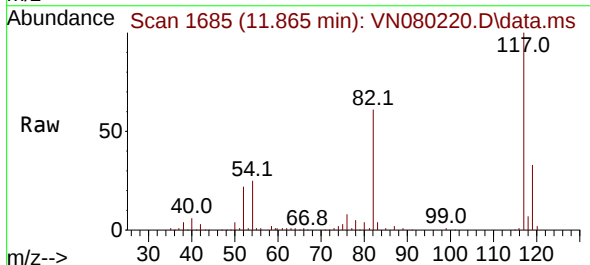
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TRACKS-SP-2-E2

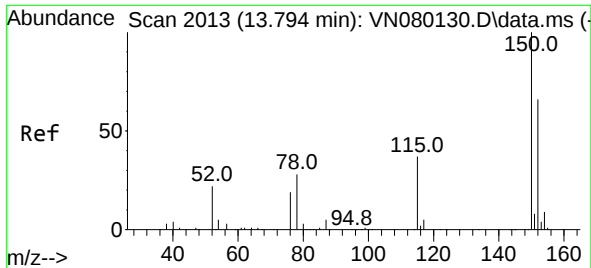
Tgt Ion: 95 Resp: 138924
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 73.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080220.D
Acq: 20 Nov 2023 20:09

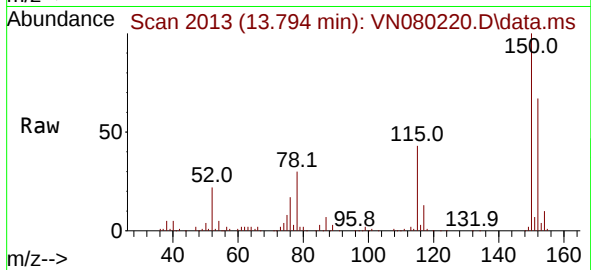
Tgt Ion: 117 Resp: 288694
Ion Ratio Lower Upper
117 100
82 61.4 44.0 66.0
119 33.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080220.D
 Acq: 20 Nov 2023 20:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TRACKS-SP-2-E2



Tgt Ion:152 Resp: 123254
 Ion Ratio Lower Upper
 152 100
 115 65.5 32.3 96.8
 150 153.6 0.0 355.8

