

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080216.D
 Acq On : 20 Nov 2023 18:34
 Operator : JC\MD
 Sample : 05468-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Nov 21 01:09:41 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)

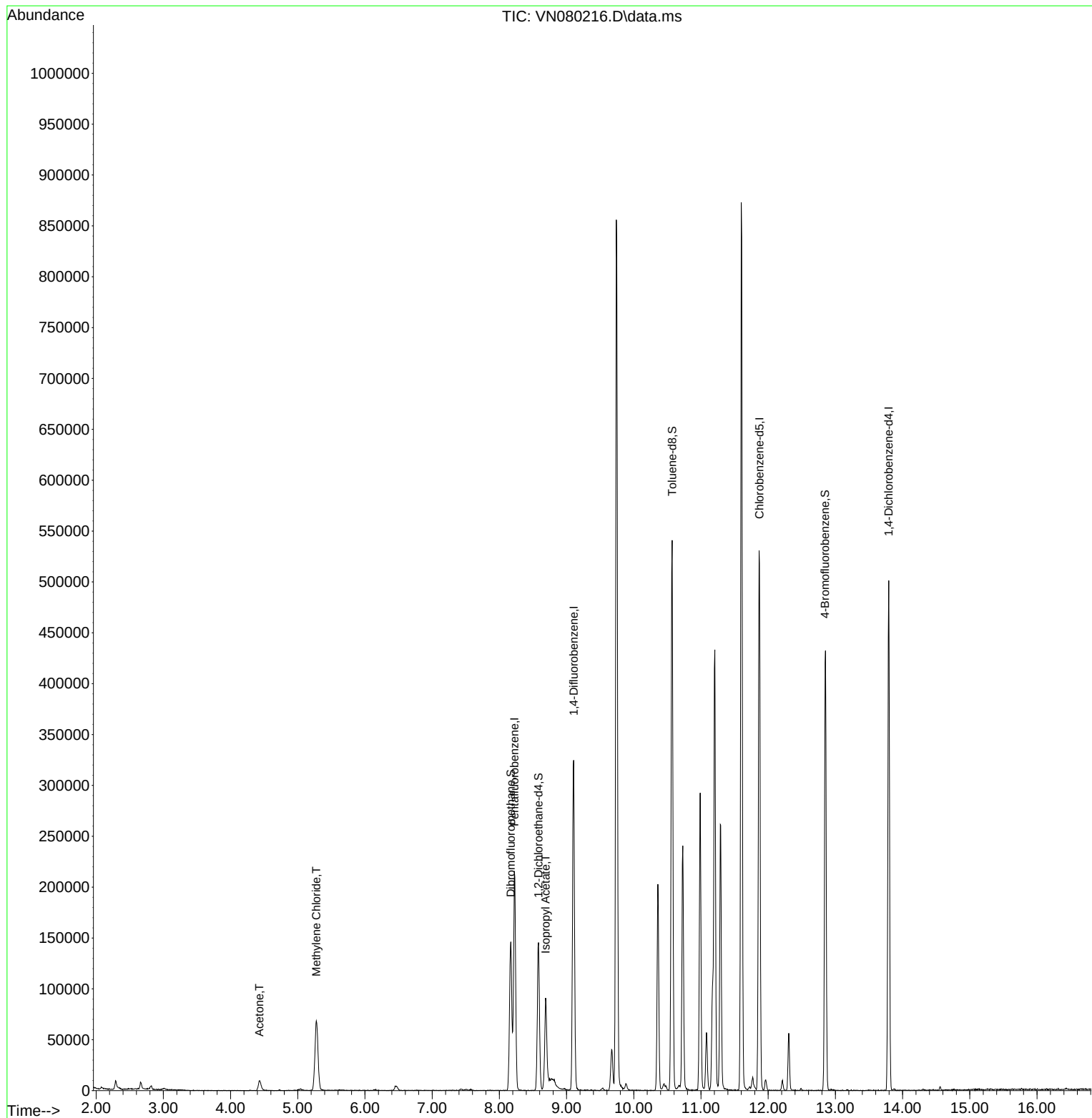
Internal Standards						
1) Pentafluorobenzene	8.224	168	142471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	302674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135137	57.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.900%
35) Dibromofluoromethane	8.171	113	101192	51.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	10.571	98	369585	52.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.847	95	145659	54.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.040%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	18830	23.832	ug/l	96
20) Methylene Chloride	5.277	84	58395	35.292	ug/l	94
43) Isopropyl Acetate	8.688	43	99176	25.864	ug/l #	83

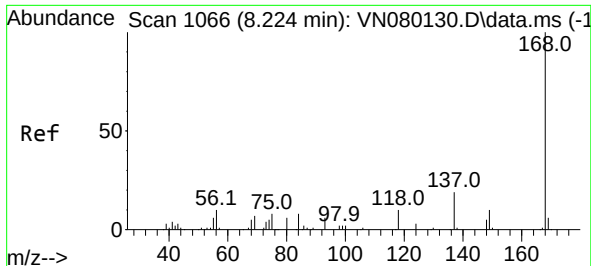
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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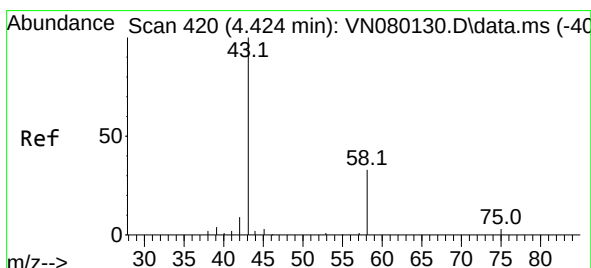
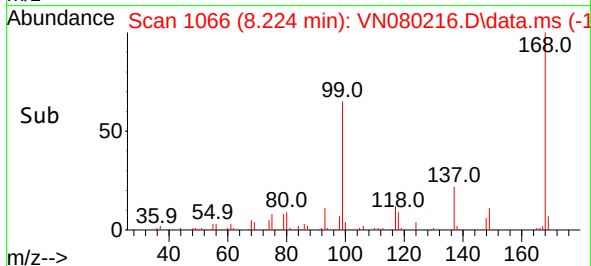
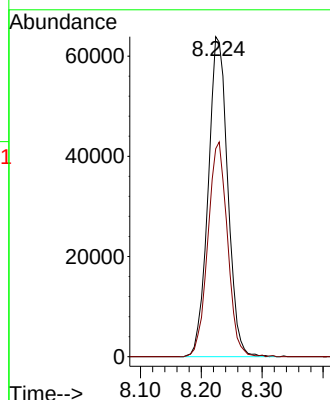
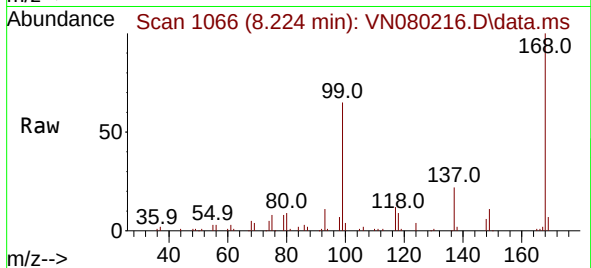




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

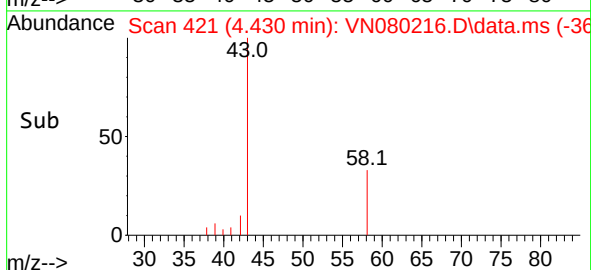
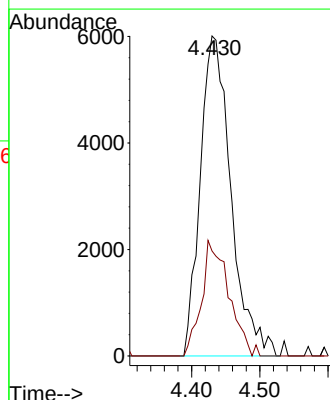
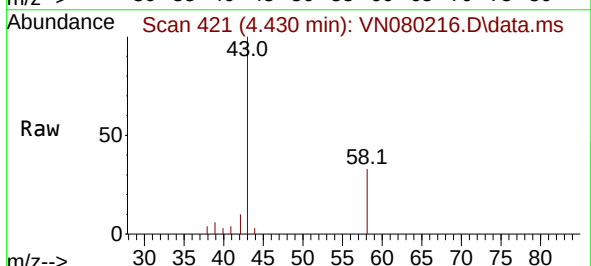
Instrument :
MSVOA_N
ClientSampleId :
TP-10

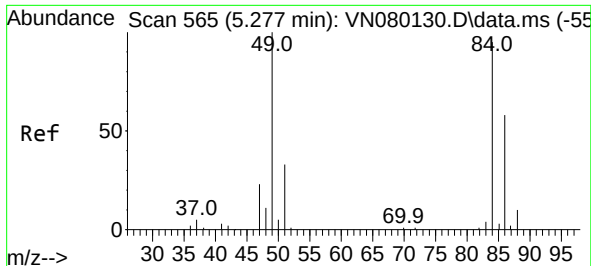
Tgt Ion:168 Resp: 142471
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 23.832 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

Tgt Ion: 43 Resp: 18830
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

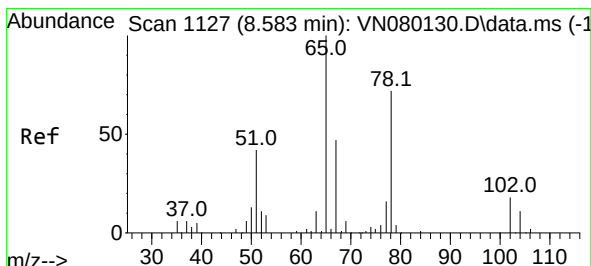
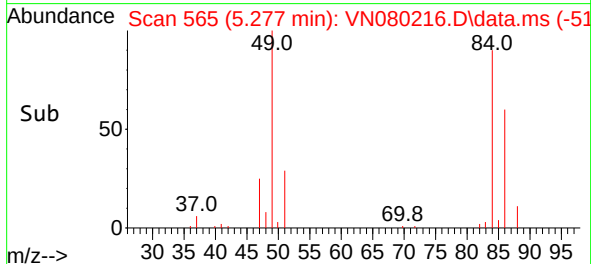
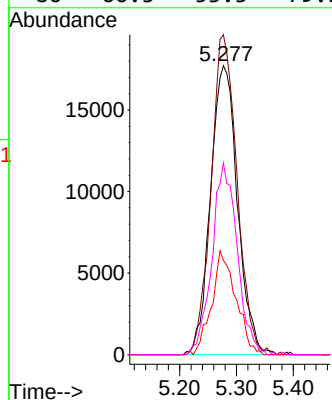
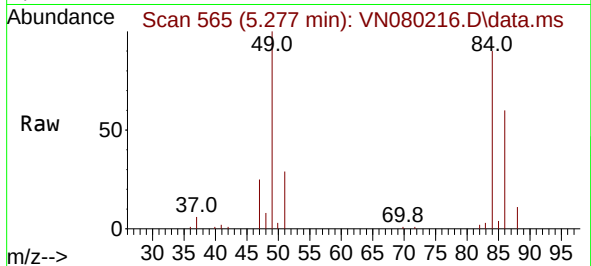




#20
Methylene Chloride
Concen: 35.292 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

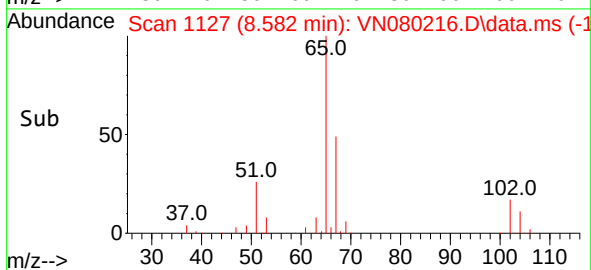
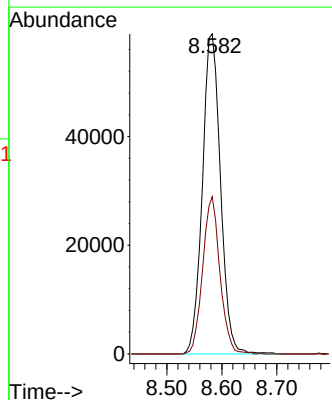
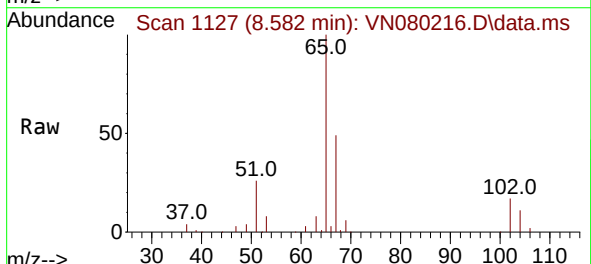
Instrument :
MSVOA_N
ClientSampleId :
TP-10

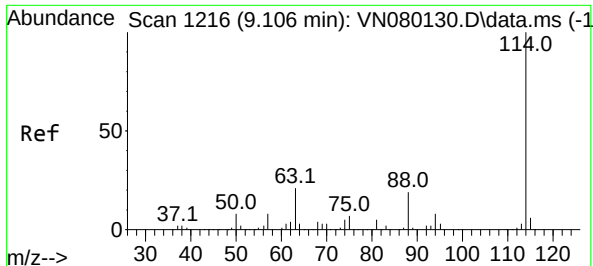
Tgt Ion: 84	Resp: 58395
Ion Ratio	Lower Upper
84 100	
49 110.7	79.7 119.5
51 32.6	25.2 37.8
86 66.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

Tgt Ion: 65	Resp: 135137
Ion Ratio	Lower Upper
65 100	
67 46.6	0.0 106.6

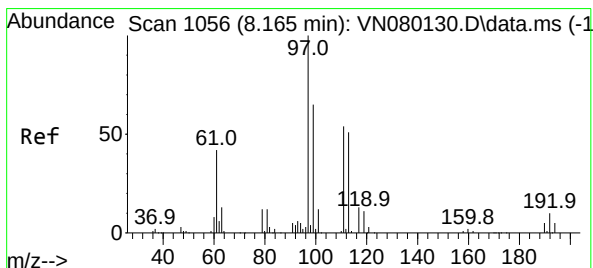
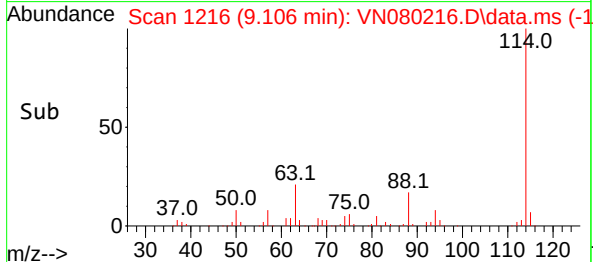
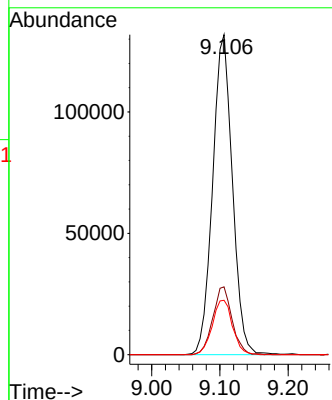
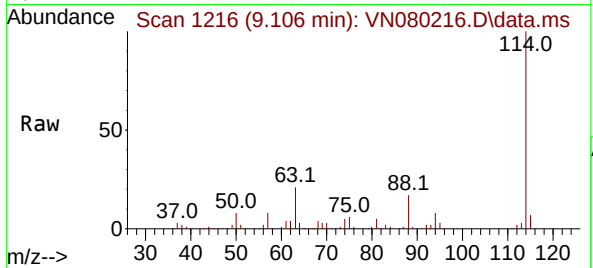




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

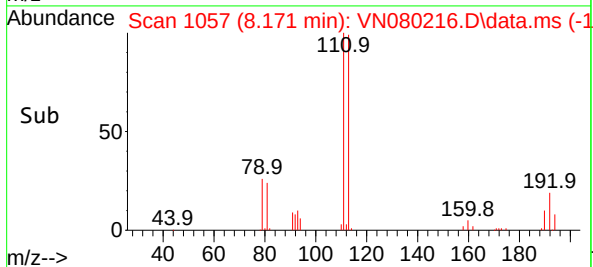
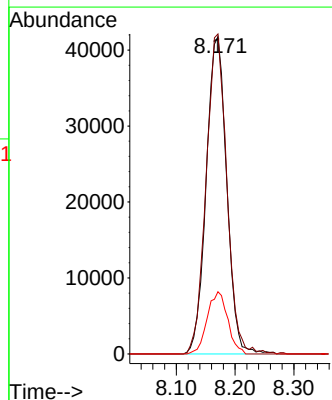
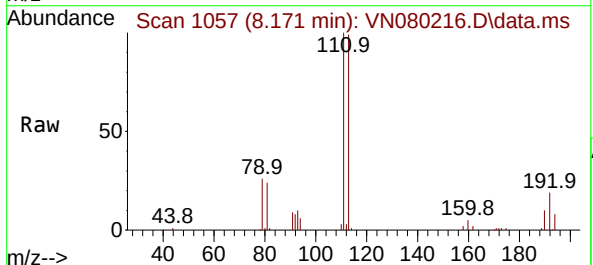
Instrument :
MSVOA_N
ClientSampleId :
TP-10

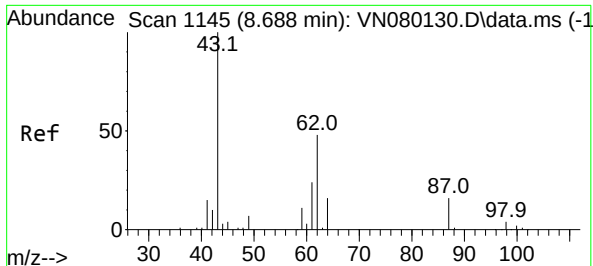
Tgt Ion:114 Resp: 265922
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.572 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

Tgt Ion:113 Resp: 101192
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.6 12.7 19.1#

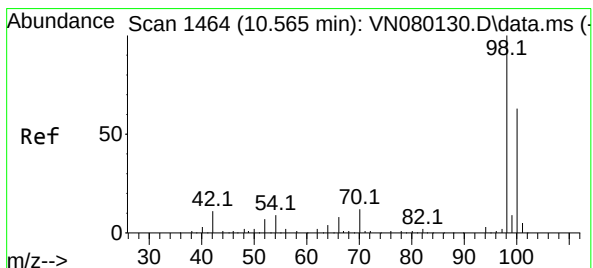
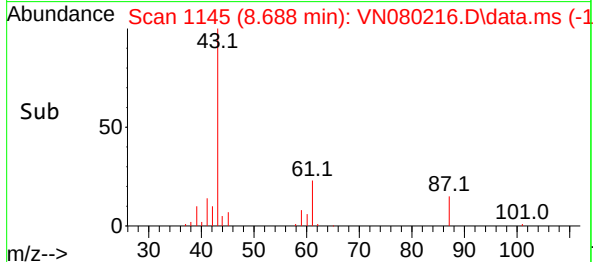
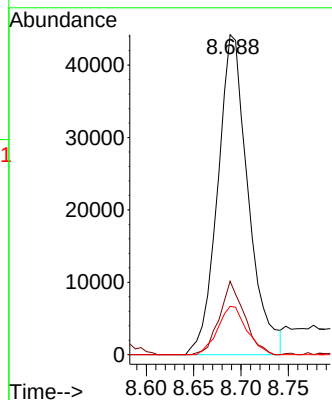
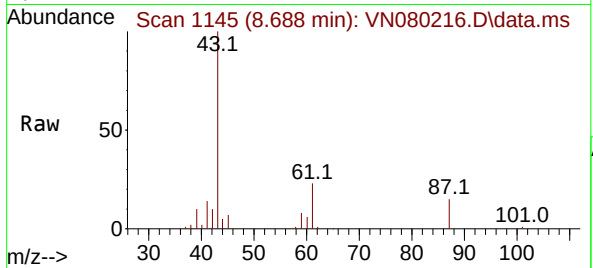




#43
Isopropyl Acetate
Concen: 25.864 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

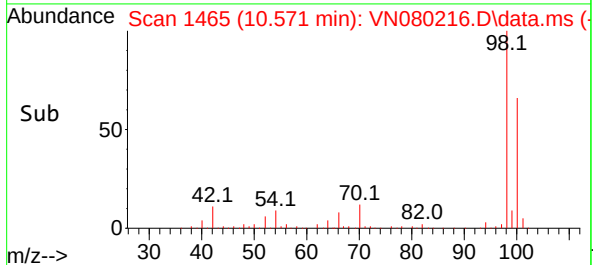
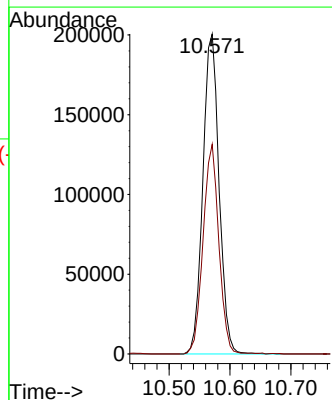
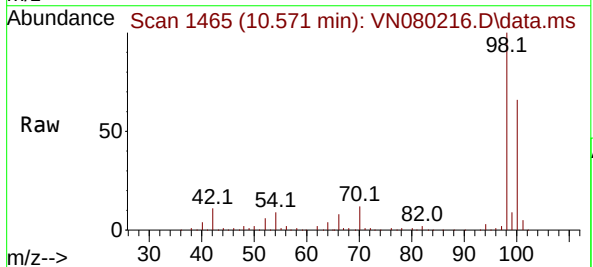
Instrument :
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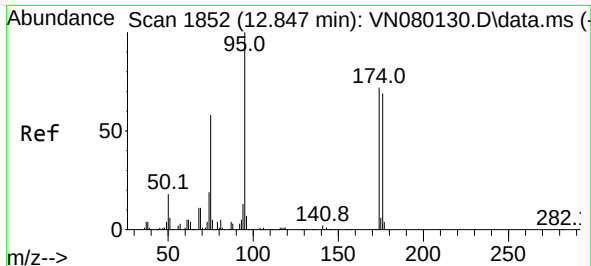
Tgt Ion: 43 Resp: 99176
Ion Ratio Lower Upper
43 100
61 18.7 24.7 37.1#
87 14.3 14.6 21.8#



#50
Toluene-d8
Concen: 52.252 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

Tgt Ion: 98 Resp: 369585
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

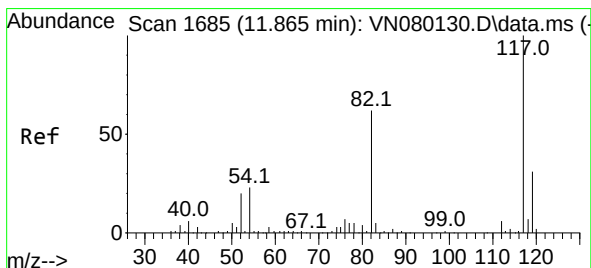
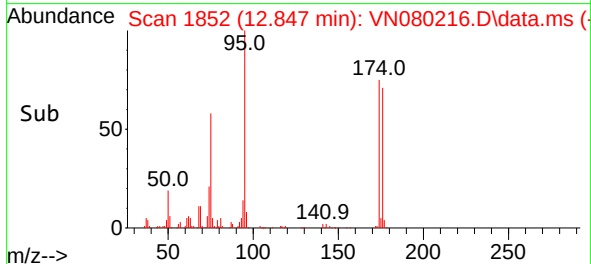
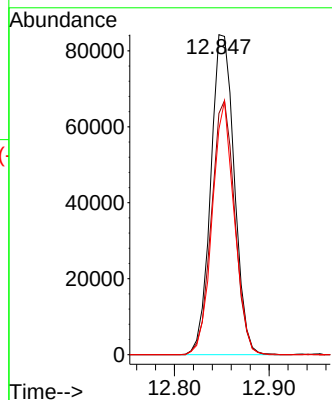
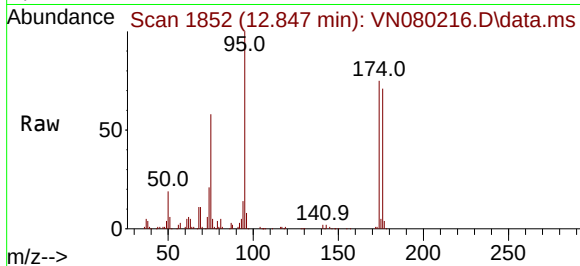




#62
4-Bromofluorobenzene
Concen: 54.520 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

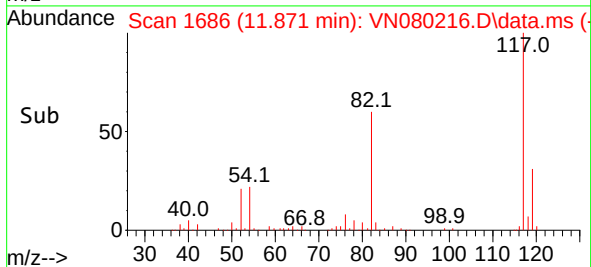
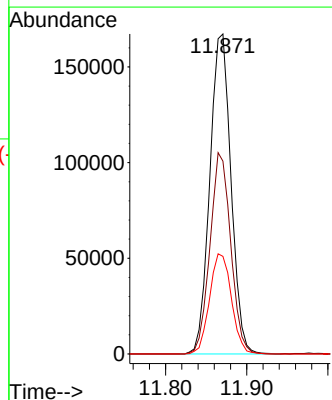
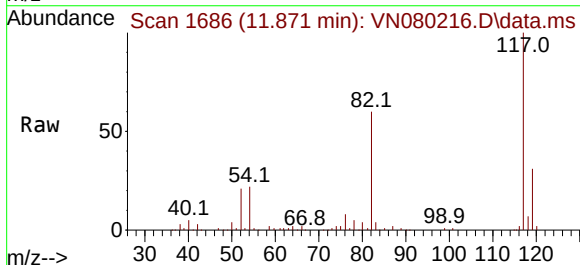
Instrument :
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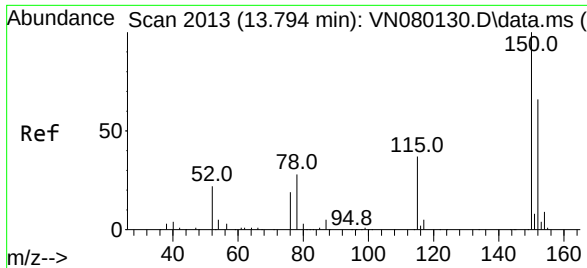
Tgt Ion: 95 Resp: 145659
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 74.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080216.D
Acq: 20 Nov 2023 18:34

Tgt Ion: 117 Resp: 302674
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 30.5 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: VN080216.D
 Acq: 20 Nov 2023 18:34

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Tgt Ion:152 Resp: 131537
 Ion Ratio Lower Upper
 152 100
 115 66.3 32.3 96.8
 150 158.9 0.0 355.8

