

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080112.D
 Acq On : 15 Nov 2023 15:54
 Operator : JC\MD
 Sample : 05412-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-2

Quant Time: Nov 15 21:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

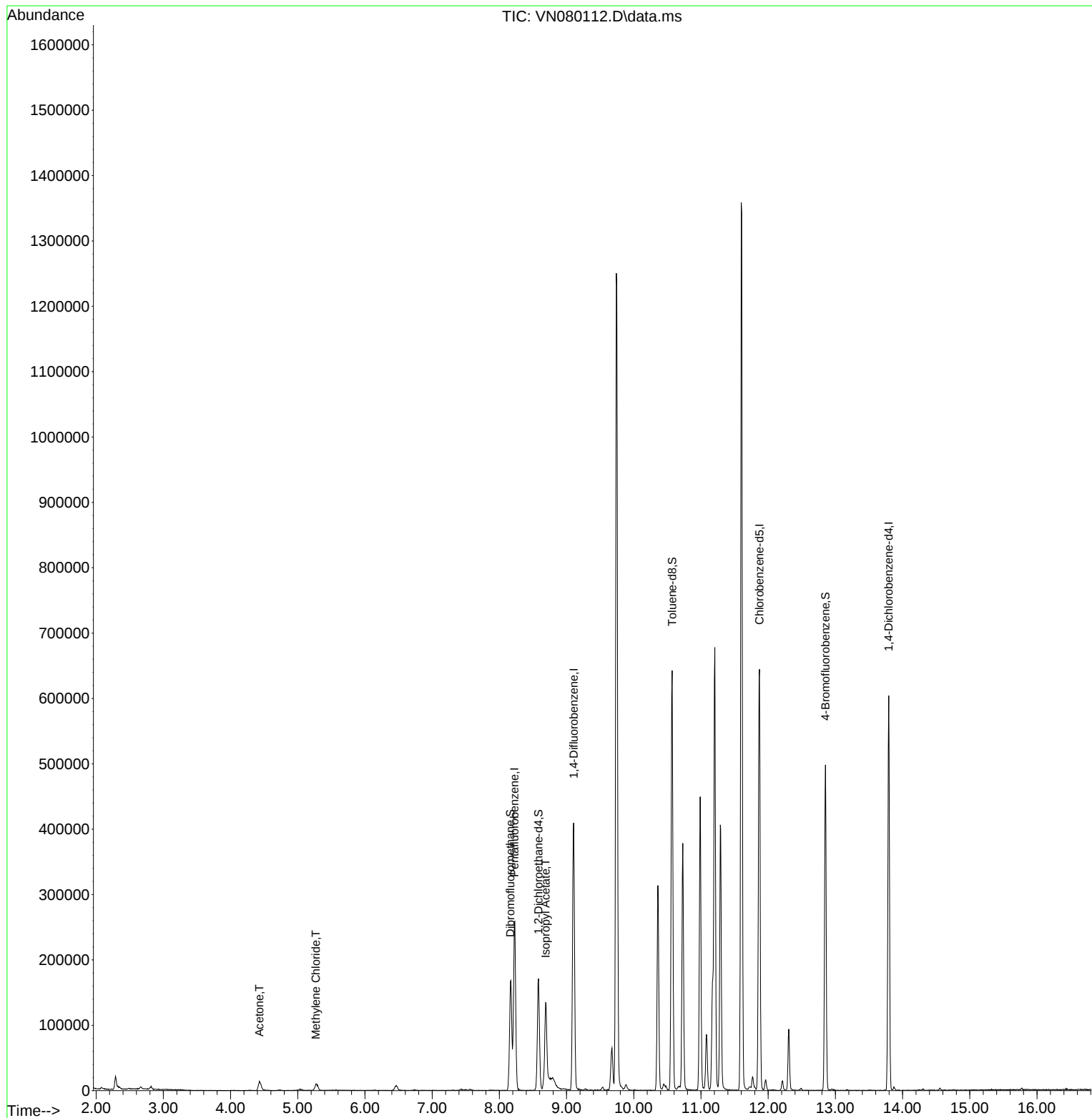
Internal Standards						
1) Pentafluorobenzene	8.224	168	178383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	366146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150946	55.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.080%
35) Dibromofluoromethane	8.165	113	117394	48.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	10.571	98	431975	48.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.853	95	169676	57.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.800%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	26163	27.406	ug/l	93
20) Methylene Chloride	5.271	84	8088	3.358	ug/l #	90
43) Isopropyl Acetate	8.688	43	160615	28.888	ug/l #	81

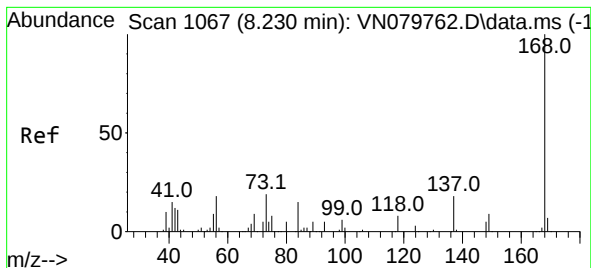
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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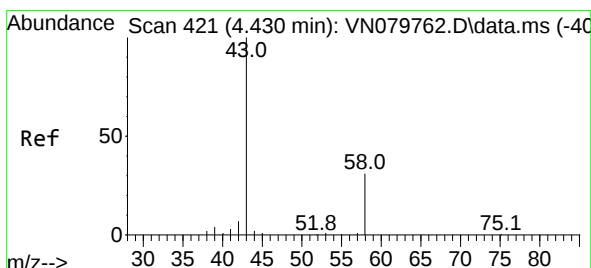
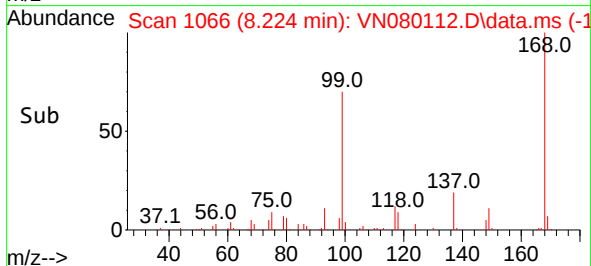
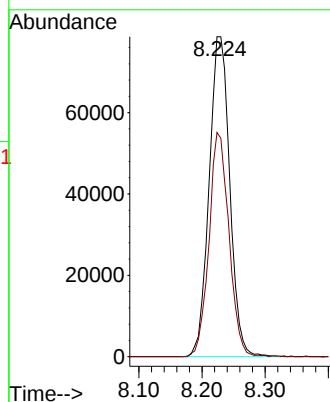
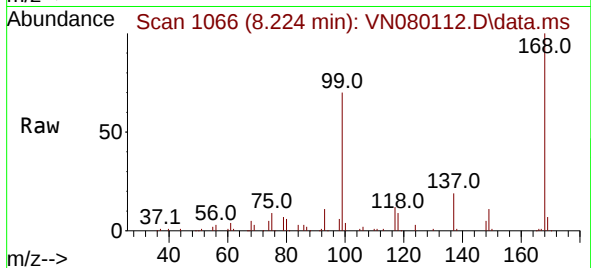




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

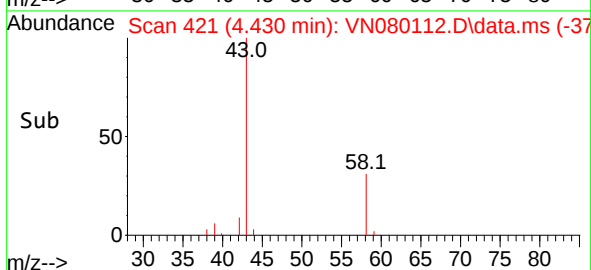
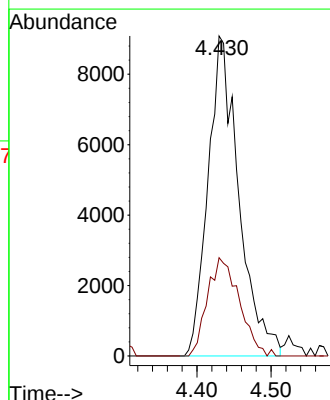
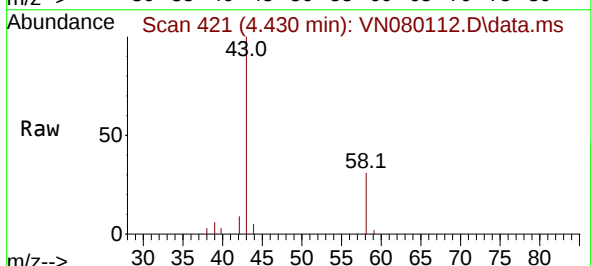
Instrument :
MSVOA_N
ClientSampleId :
MH-2

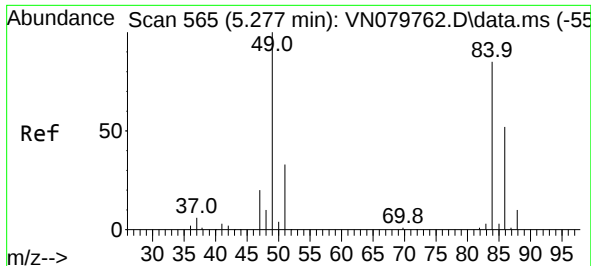
Tgt Ion:168 Resp: 178383
Ion Ratio Lower Upper
168 100
99 70.1 53.0 79.6



#16
Acetone
Concen: 27.406 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

Tgt Ion: 43 Resp: 26163
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

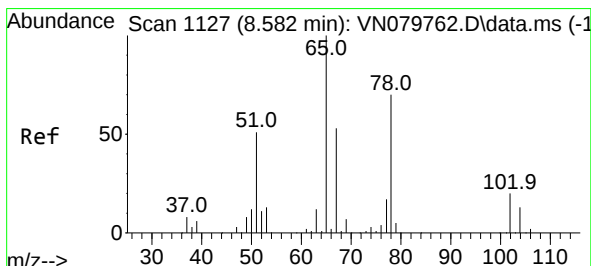
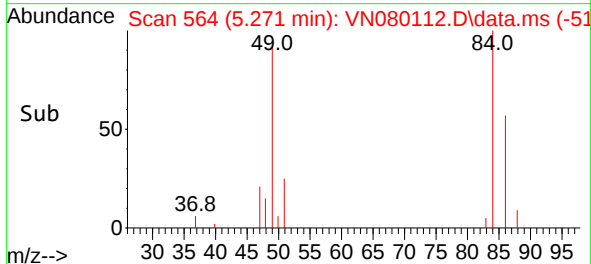
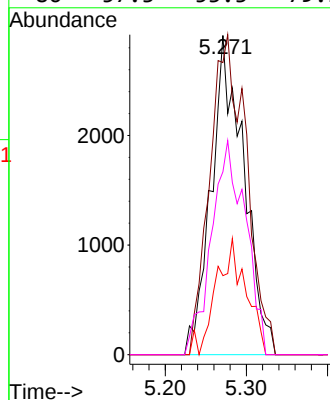
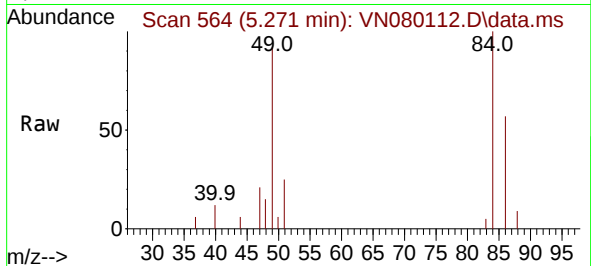




#20
Methylene Chloride
Concen: 3.358 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

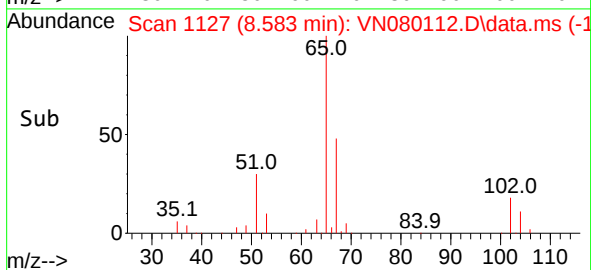
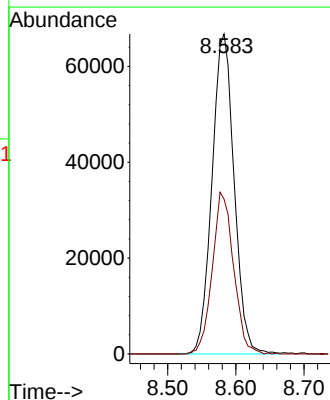
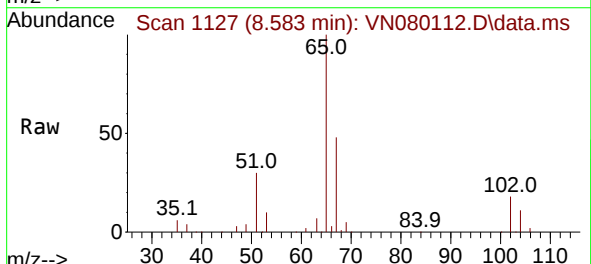
Instrument :
MSVOA_N
ClientSampleId :
MH-2

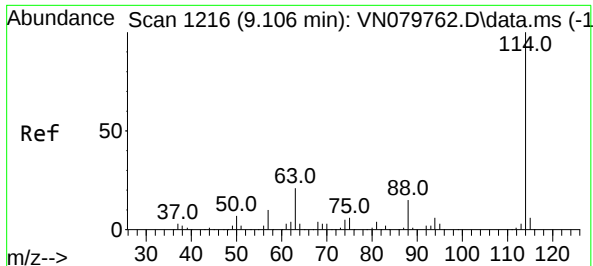
Tgt Ion: 84	Resp: 8088
Ion Ratio	Lower Upper
84 100	
49 91.5	79.7 119.5
51 24.8	25.2 37.8#
86 57.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 55.541 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

Tgt Ion: 65	Resp: 150946
Ion Ratio	Lower Upper
65 100	
67 48.7	0.0 106.6

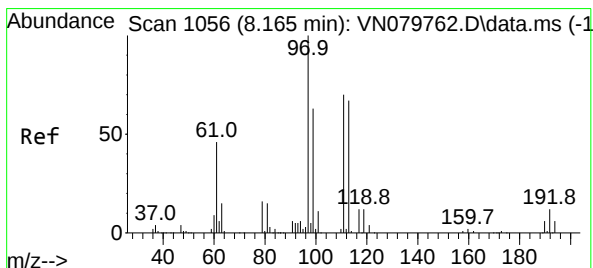
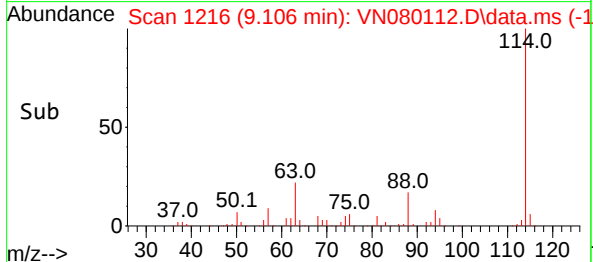
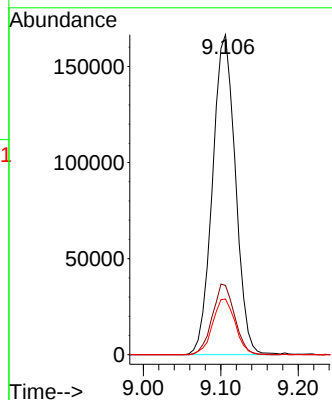
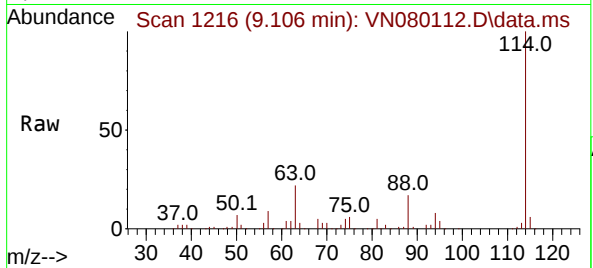




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

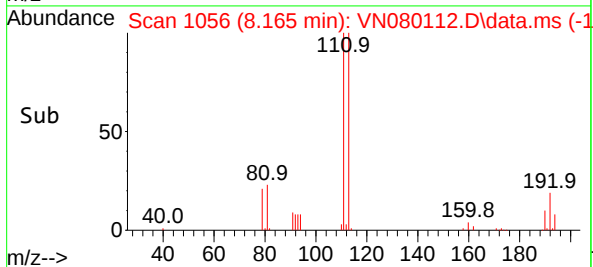
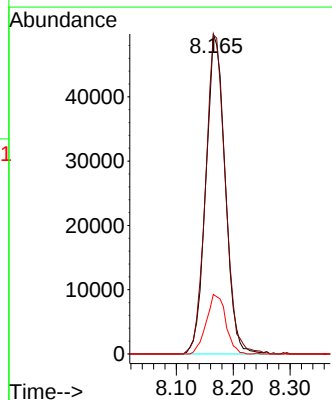
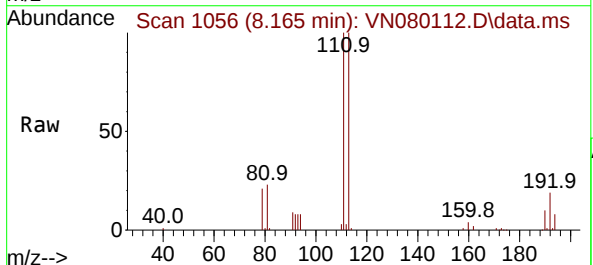
Instrument :
MSVOA_N
ClientSampleId :
MH-2

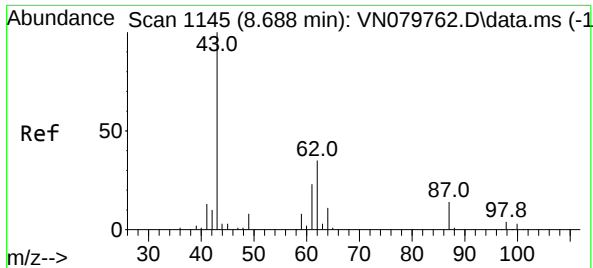
Tgt Ion:114 Resp: 342074
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 17.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

Tgt Ion:113 Resp: 117394
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 18.6 12.7 19.1

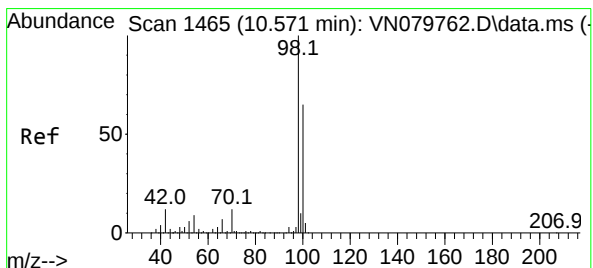
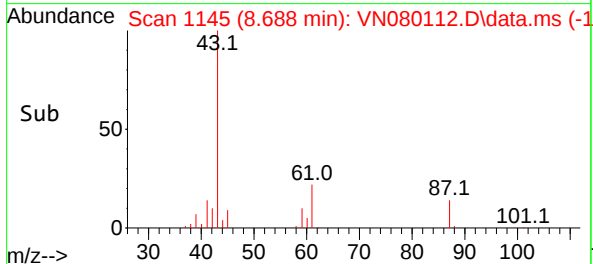
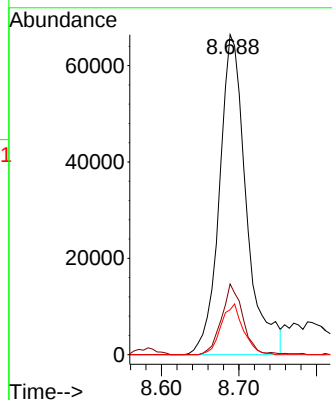
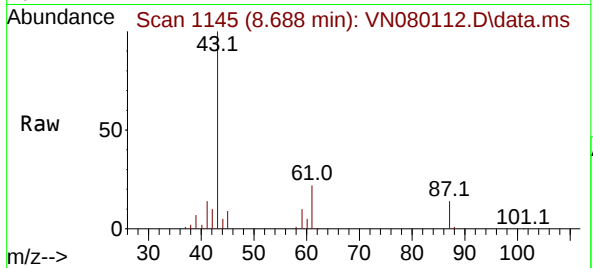




#43
Isopropyl Acetate
Concen: 28.888 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

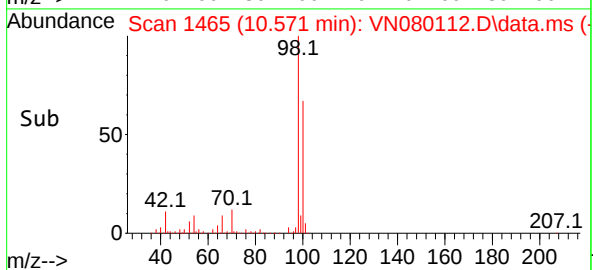
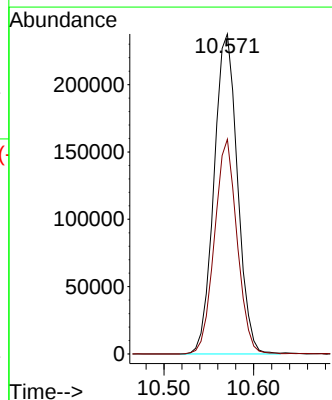
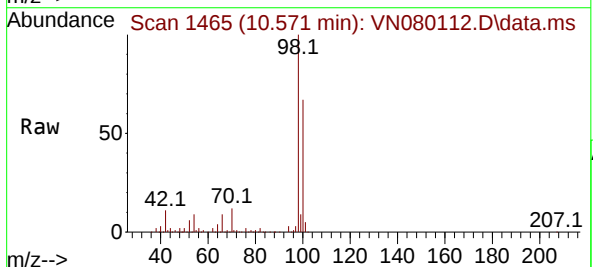
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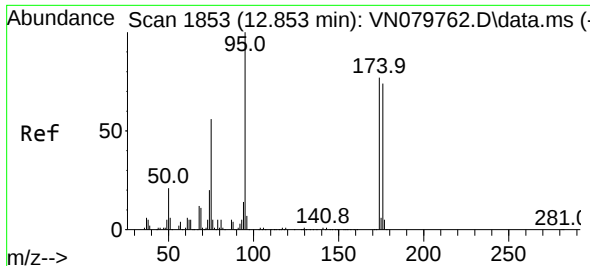
Tgt Ion: 43 Resp: 160615
Ion Ratio Lower Upper
43 100
61 17.7 24.7 37.1#
87 13.1 14.6 21.8#



#50
Toluene-d8
Concen: 48.467 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

Tgt Ion: 98 Resp: 431975
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

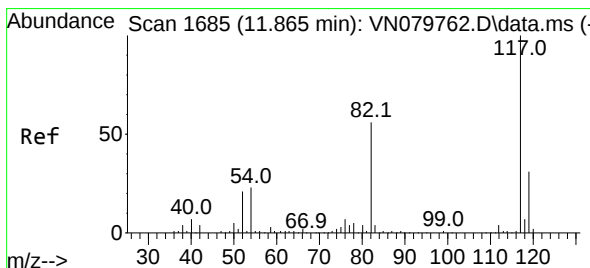
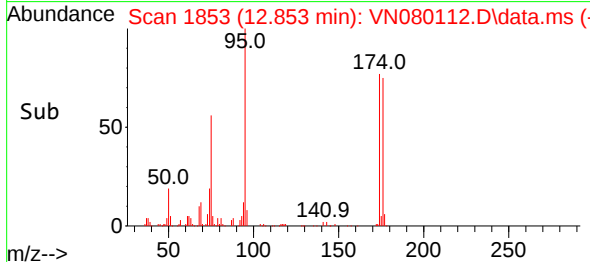
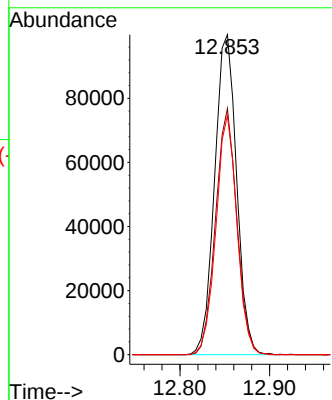
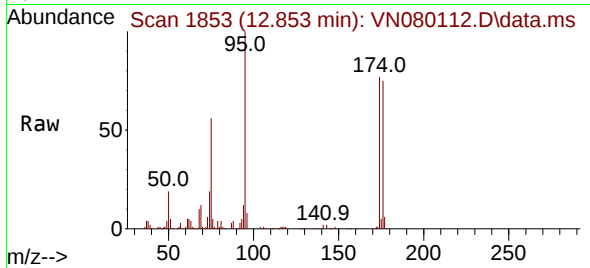




#62
4-Bromofluorobenzene
Concen: 57.402 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

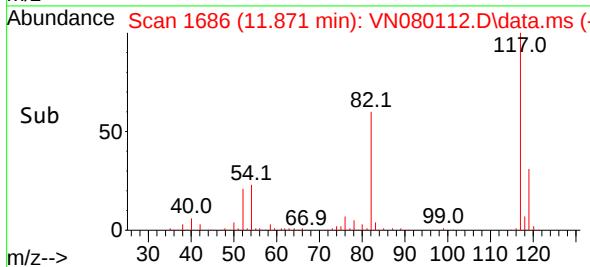
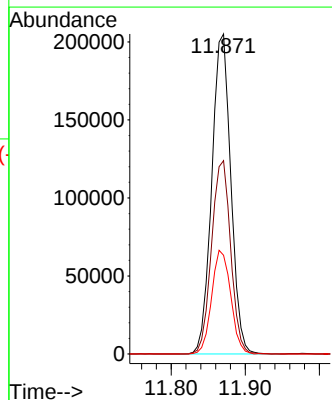
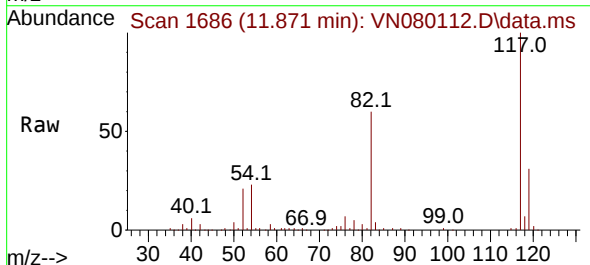
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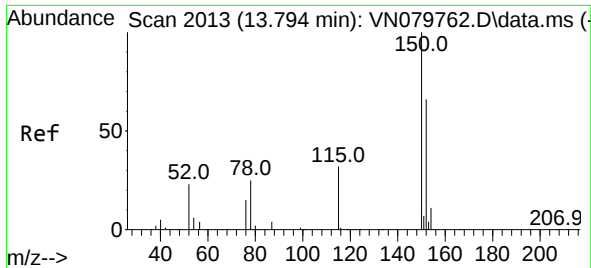
Tgt Ion: 95 Resp: 169676
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080112.D
Acq: 15 Nov 2023 15:54

Tgt Ion: 117 Resp: 366146
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 30.9 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: VN080112.D
 Acq: 15 Nov 2023 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-2

Tgt Ion:152 Resp: 156482
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 156.3 0.0 355.8

