

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080092.D
 Acq On : 14 Nov 2023 16:26
 Operator : JC\MD
 Sample : 05376-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210

Quant Time: Nov 15 03:57:14 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)

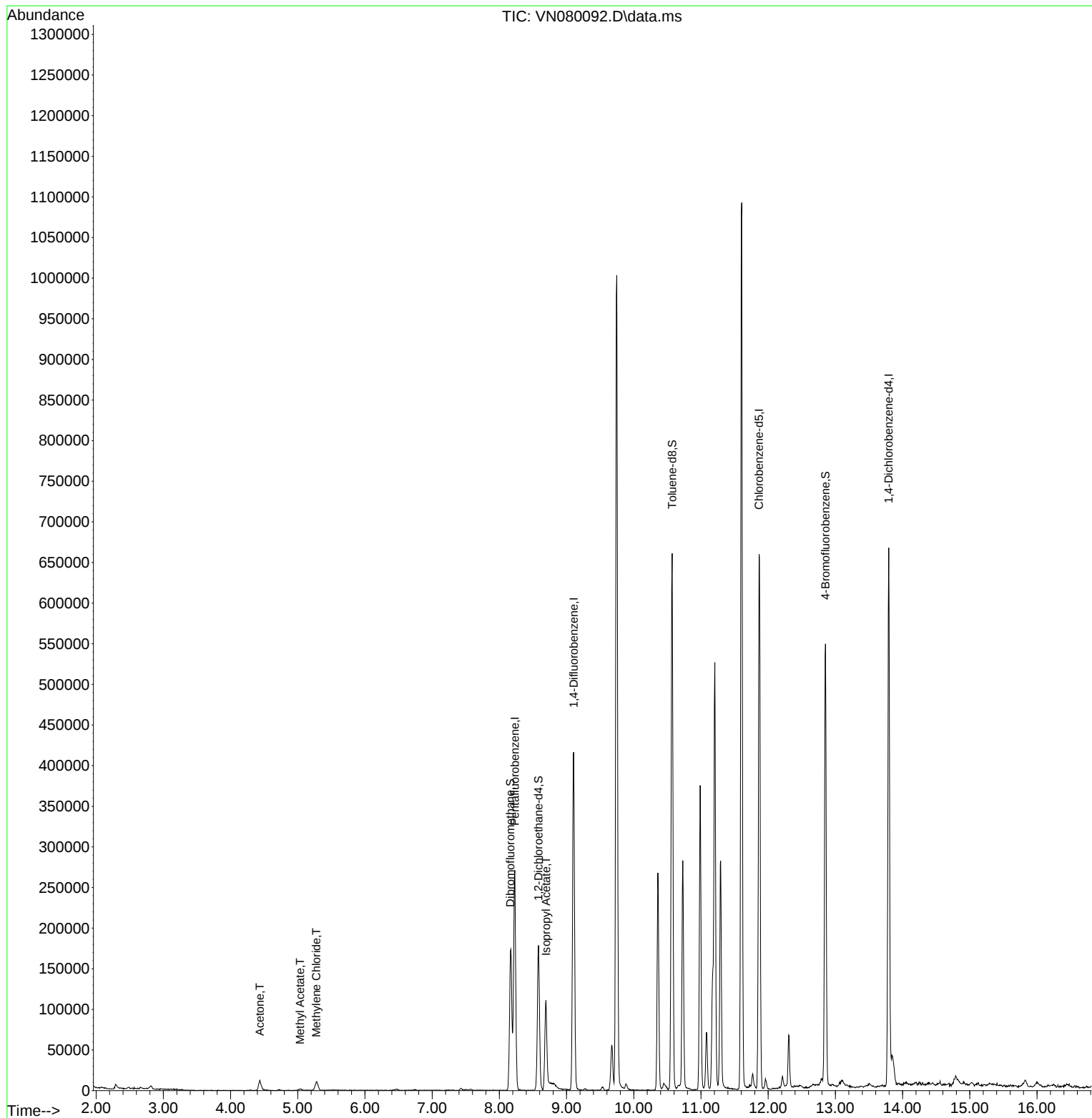
Internal Standards						
1) Pentafluorobenzene	8.230	168	178204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157884	58.153	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.300%	
35) Dibromofluoromethane	8.165	113	122067	50.033	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.060%	
50) Toluene-d8	10.571	98	454409	50.594	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.180%	
62) 4-Bromofluorobenzene	12.853	95	187061	62.799	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	125.600%#	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	22811	23.919	ug/l	94
18) Methyl Acetate	5.036	43	3769	0.826	ug/l #	83
20) Methylene Chloride	5.277	84	8846	3.676	ug/l #	83
43) Isopropyl Acetate	8.694	43	125798	22.453	ug/l #	82

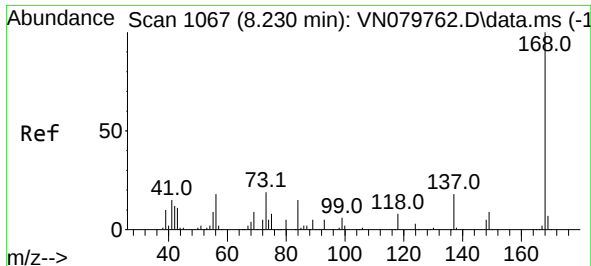
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 15 03:57:14 2023
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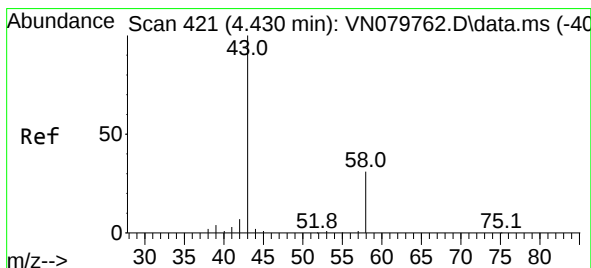
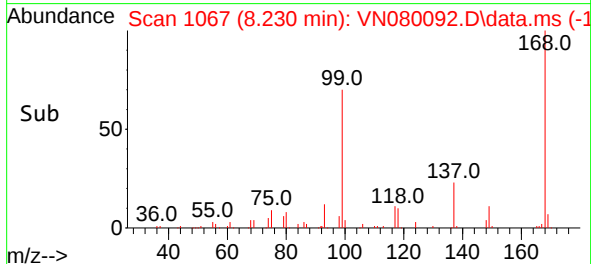
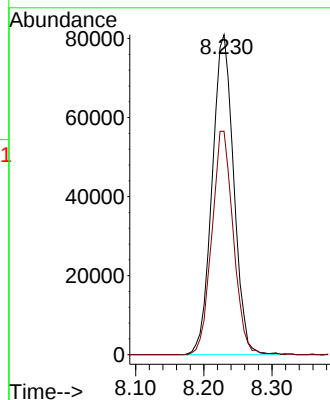
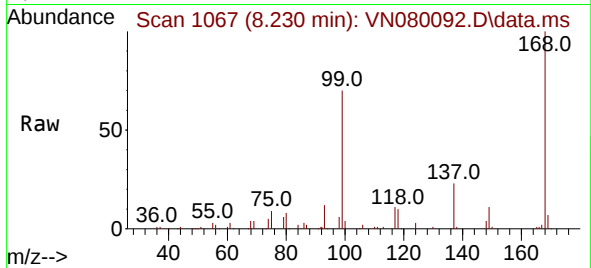




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

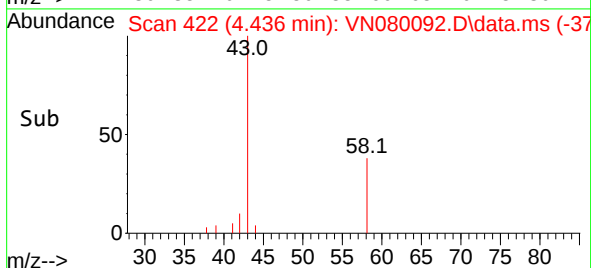
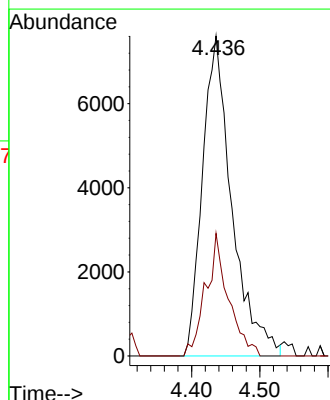
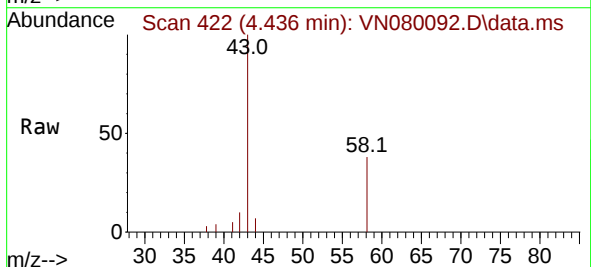
Instrument :
MSVOA_N
ClientSampleId :
210

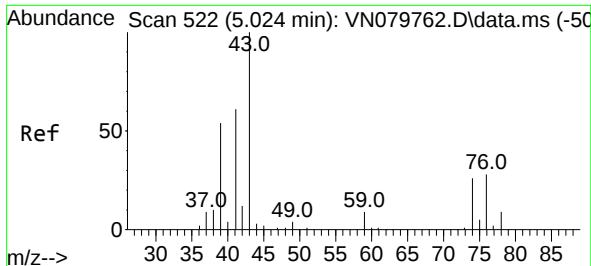
Tgt Ion:168 Resp: 178204
Ion Ratio Lower Upper
168 100
99 69.9 53.0 79.6



#16
Acetone
Concen: 23.919 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 43 Resp: 22811
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0





#18

Methyl Acetate

Concen: 0.826 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

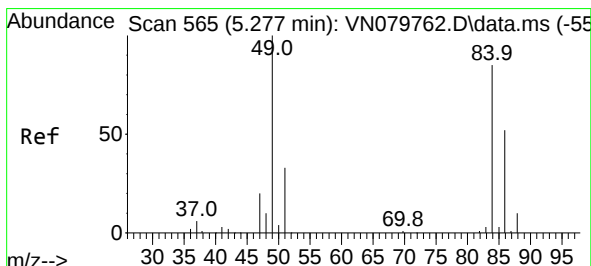
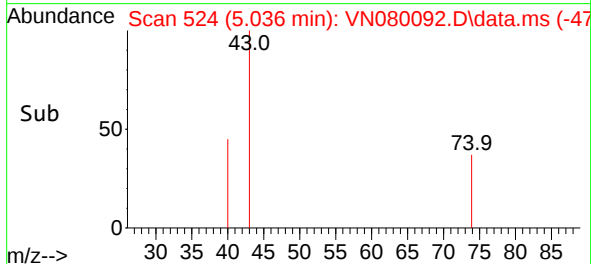
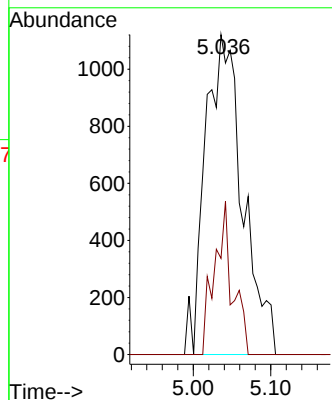
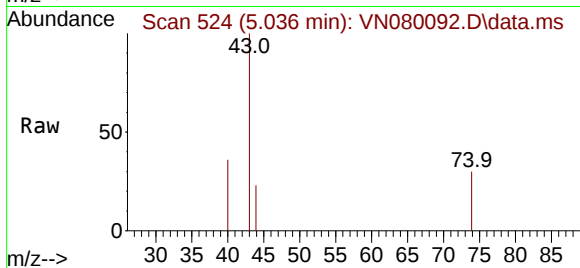
210

Tgt Ion: 43 Resp: 3769

Ion Ratio Lower Upper

43 100

74 23.0 26.2 39.4#



#20

Methylene Chloride

Concen: 3.676 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

Tgt Ion: 84 Resp: 8846

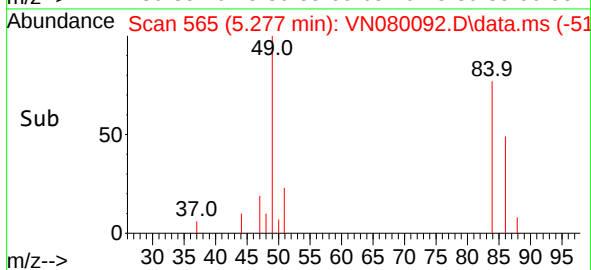
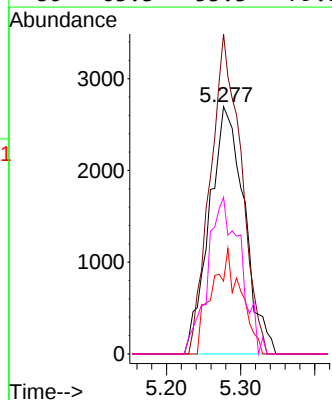
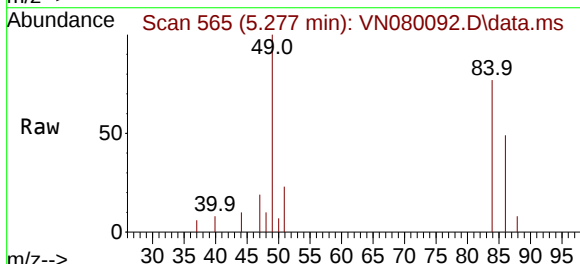
Ion Ratio Lower Upper

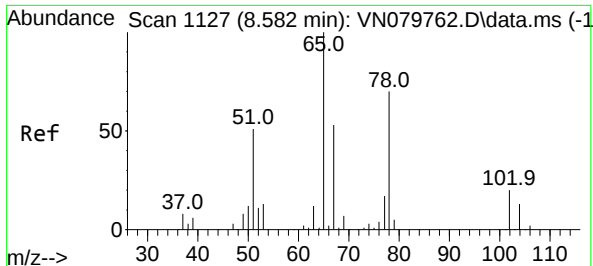
84 100

49 129.3 79.7 119.5#

51 29.4 25.2 37.8

86 63.3 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 58.153 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

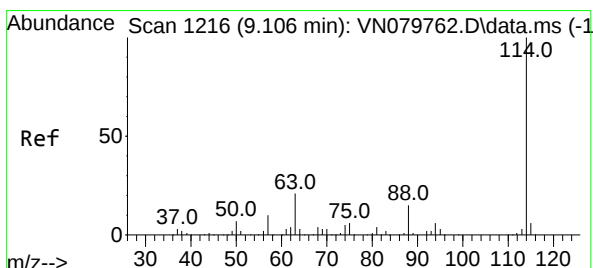
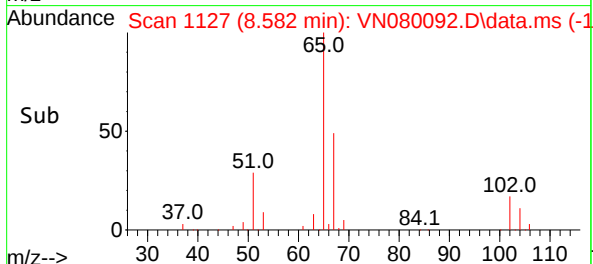
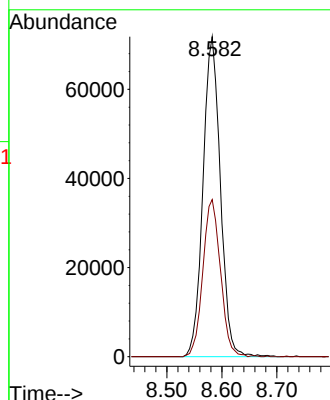
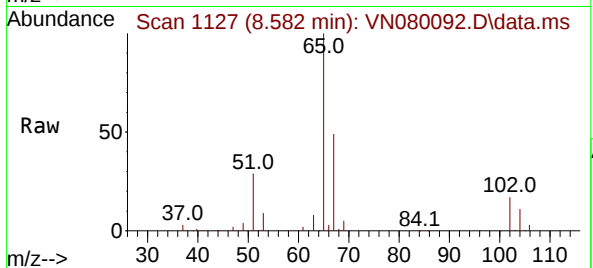
210

Tgt Ion: 65 Resp: 157884

Ion Ratio Lower Upper

65 100

67 49.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

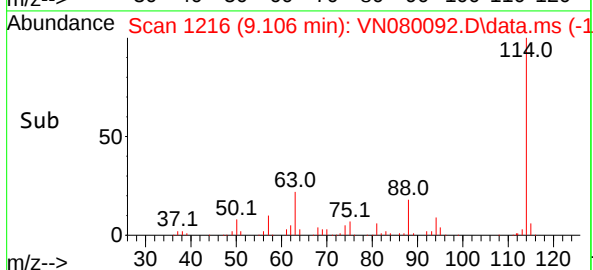
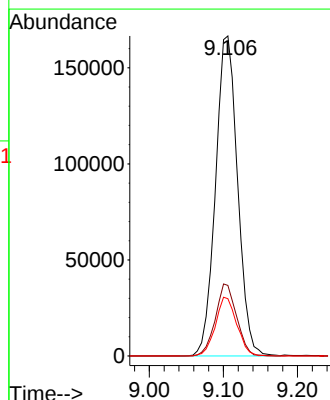
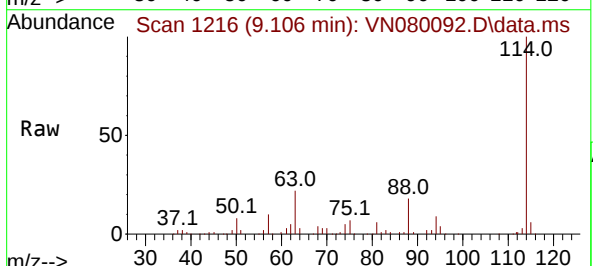
Tgt Ion: 114 Resp: 344709

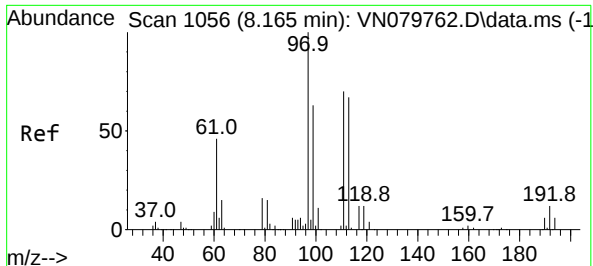
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 17.9 0.0 30.6

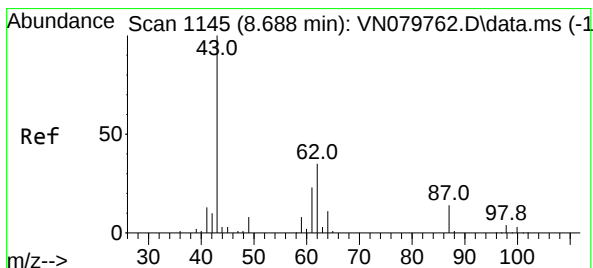
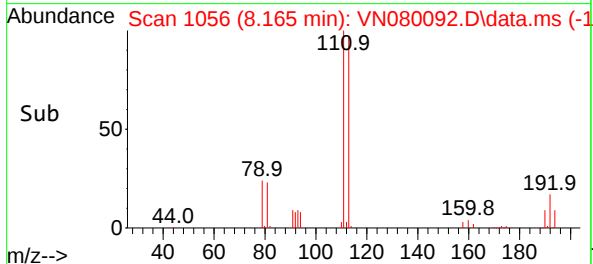
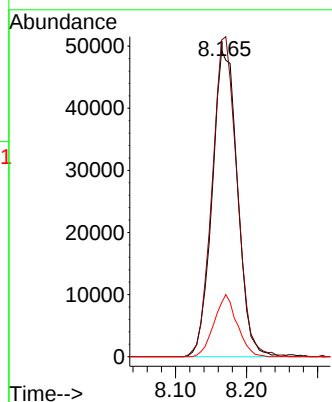
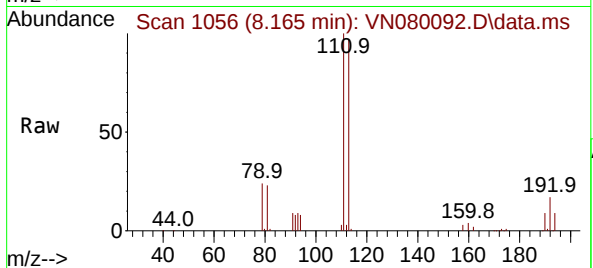




#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

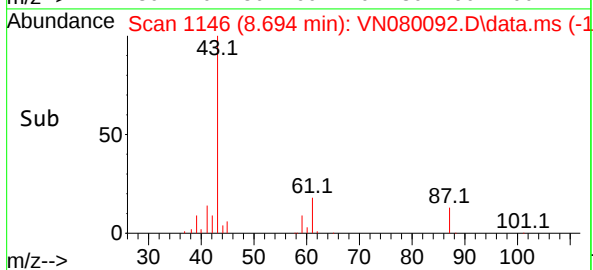
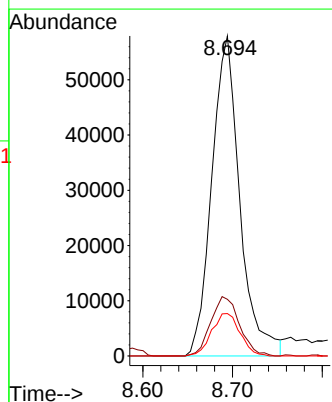
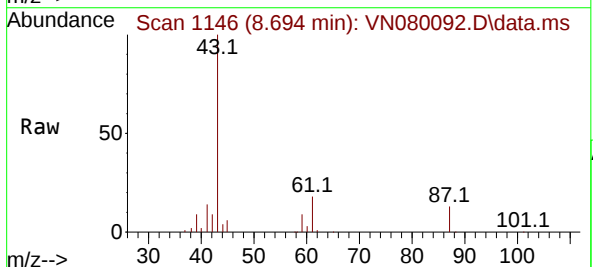
Instrument :
MSVOA_N
ClientSampleId :
210

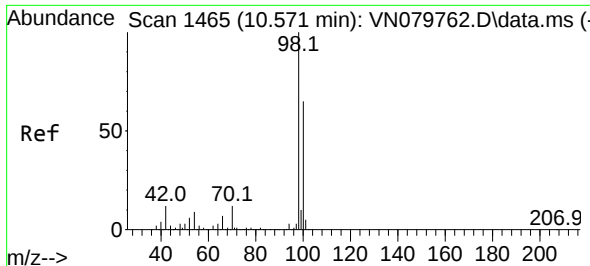
Tgt Ion:113 Resp: 122067
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.3 12.7 19.1



#43
Isopropyl Acetate
Concen: 22.453 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 43 Resp: 125798
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 13.4 14.6 21.8#

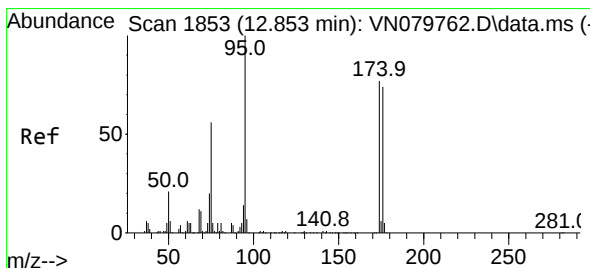
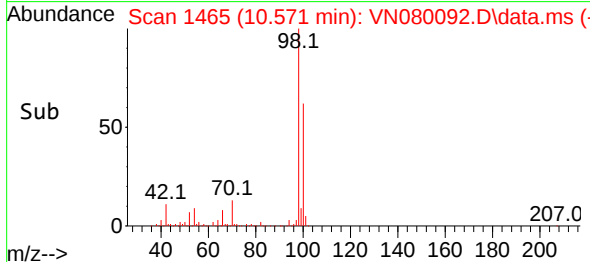
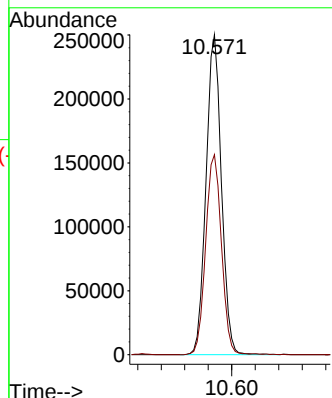
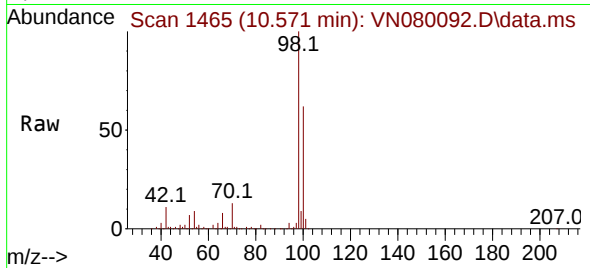




#50
Toluene-d8
Concen: 50.594 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

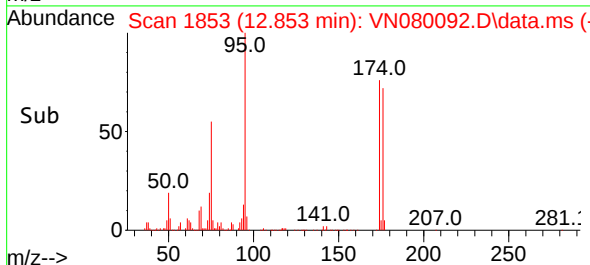
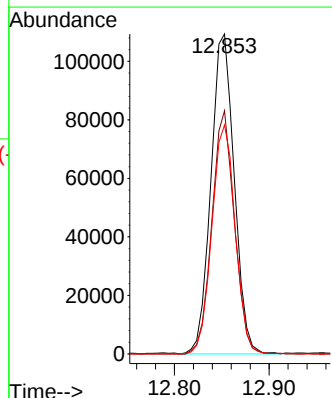
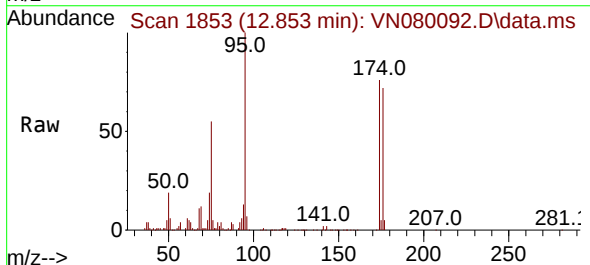
Instrument :
MSVOA_N
ClientSampleId :
210

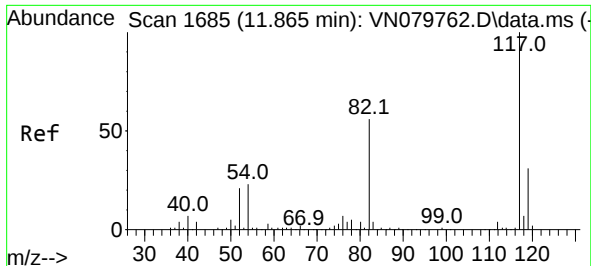
Tgt Ion: 98 Resp: 454409
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 62.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 95 Resp: 187061
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 71.5 0.0 135.8

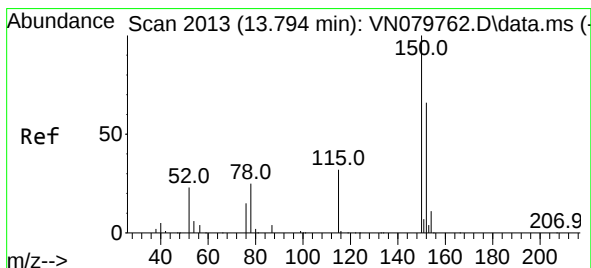
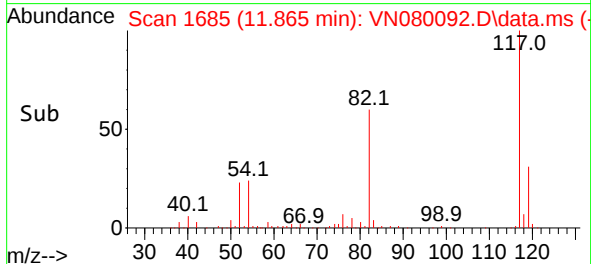
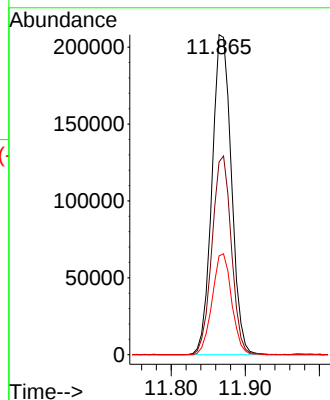
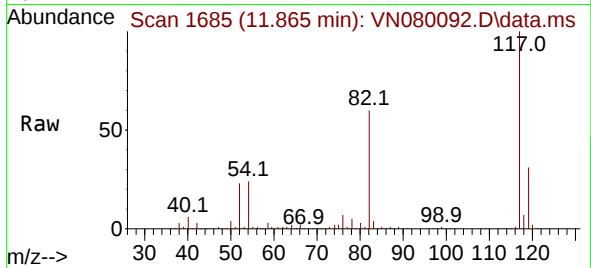




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
210

Tgt Ion:117 Resp: 378144
Ion Ratio Lower Upper
117 100
82 60.2 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# 2013
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion:152 Resp: 170529
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 158.0 0.0 355.8

