

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080034.D
 Acq On : 09 Nov 2023 20:10
 Operator : JC\MD
 Sample : 05311-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 10 00:41:36 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)

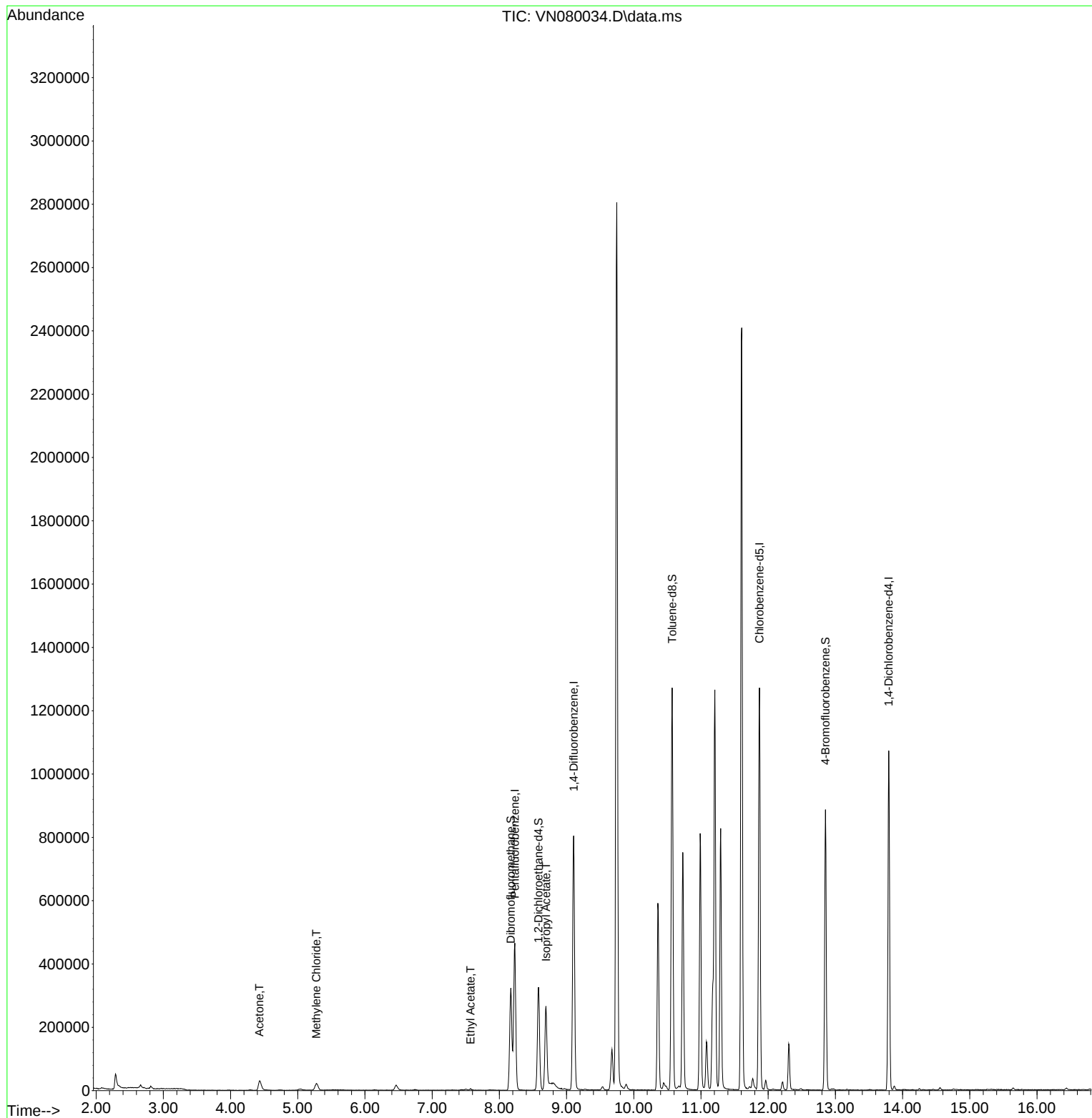
Internal Standards						
1) Pentafluorobenzene	8.230	168	316141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	676247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	720633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	270462	56.153	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.300%	
35) Dibromofluoromethane	8.171	113	228128	47.664	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.320%	
50) Toluene-d8	10.571	98	869815	49.366	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.740%	
62) 4-Bromofluorobenzene	12.853	95	302686	51.798	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.600%	
Target Compounds						
16) Acetone	4.430	43	59421	35.122	ug/l	Qvalue 90
20) Methylene Chloride	5.277	84	17225	4.035	ug/l	89
37) Ethyl Acetate	7.571	43	7184	1.146	ug/l #	75
43) Isopropyl Acetate	8.694	43	299806	27.277	ug/l #	80

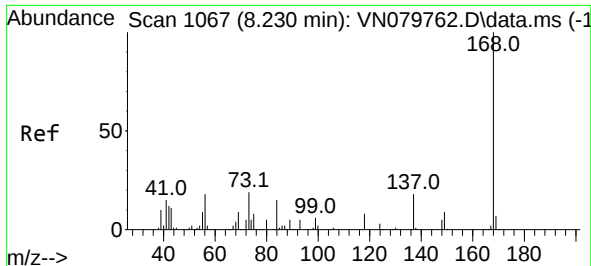
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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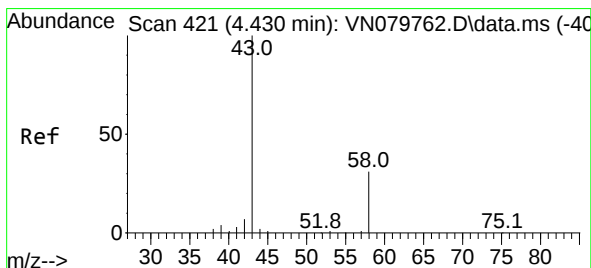
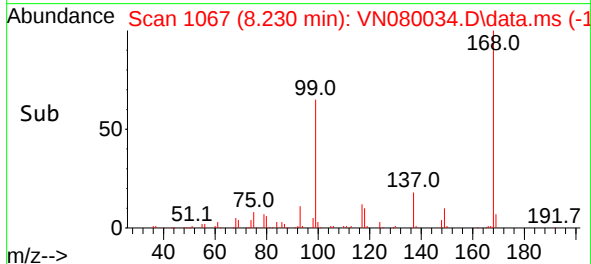
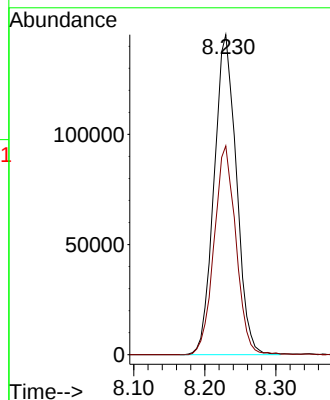
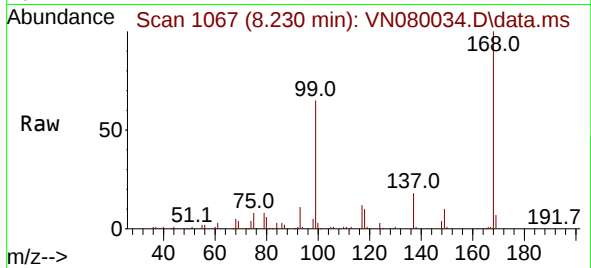




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

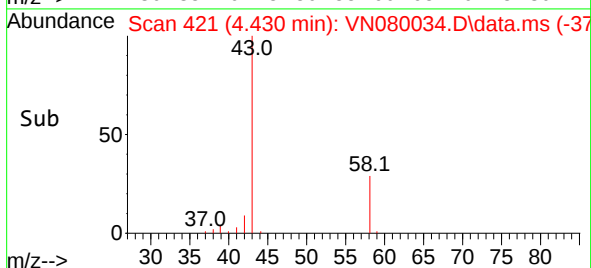
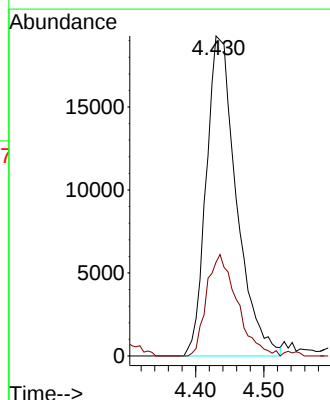
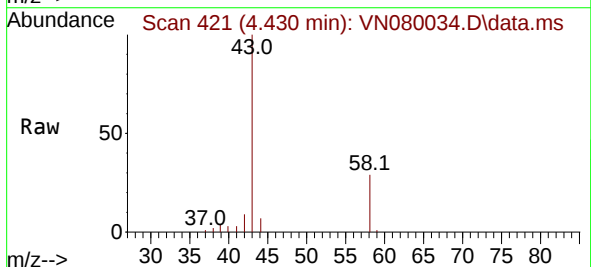
Instrument :
MSVOA_N
ClientSampleId :
TP-1

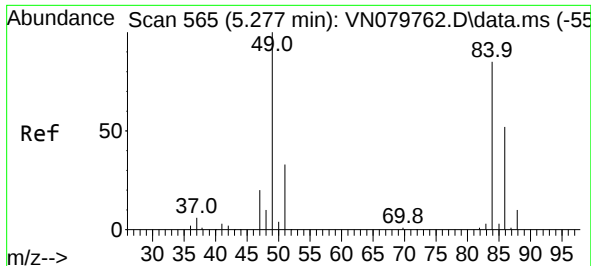
Tgt Ion:168 Resp: 316141
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#16
Acetone
Concen: 35.122 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

Tgt Ion: 43 Resp: 59421
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

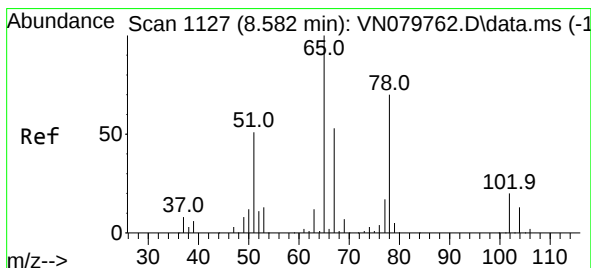
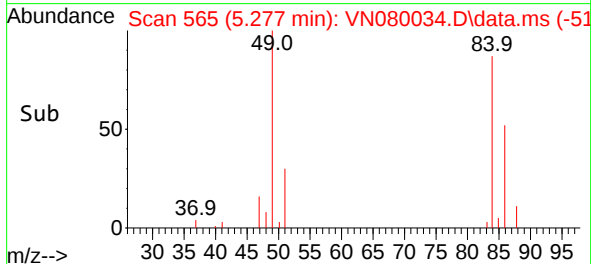
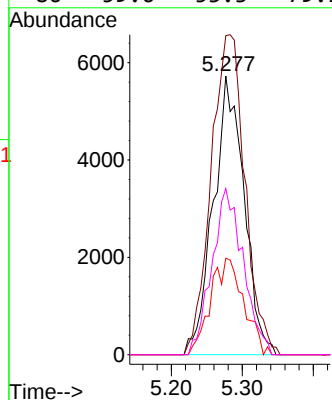
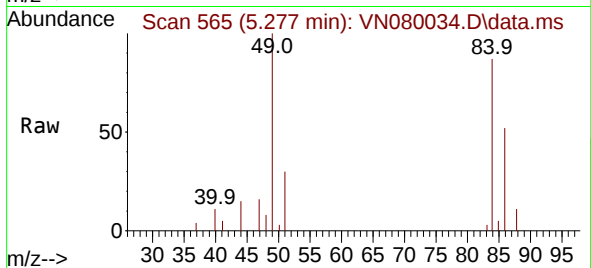




#20
Methylene Chloride
Concen: 4.035 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

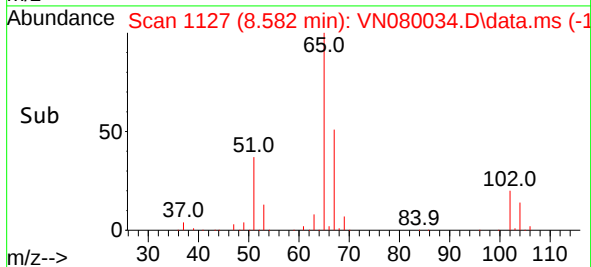
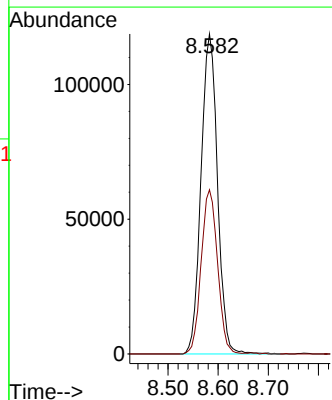
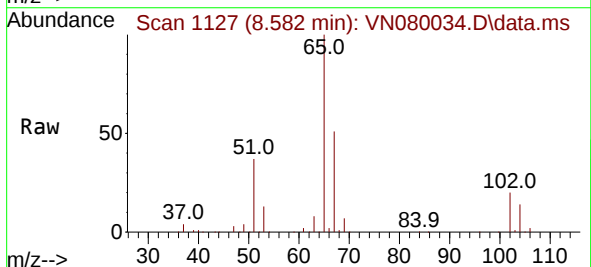
Instrument :
MSVOA_N
ClientSampleId :
TP-1

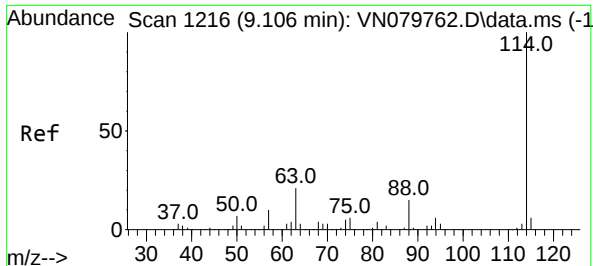
Tgt Ion:	84	Resp:	17225
Ion	Ratio	Lower	Upper
84	100		
49	114.4	79.7	119.5
51	34.6	25.2	37.8
86	59.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.153 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

Tgt Ion:	65	Resp:	270462
Ion	Ratio	Lower	Upper
65	100		
67	51.0	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: VN080034.D

Acq: 09 Nov 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

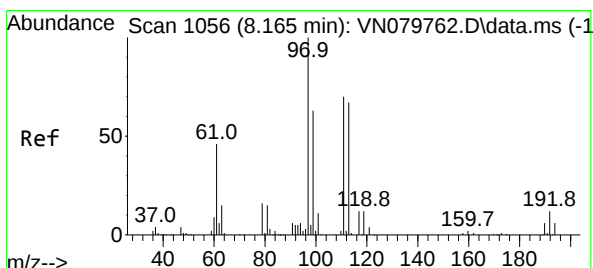
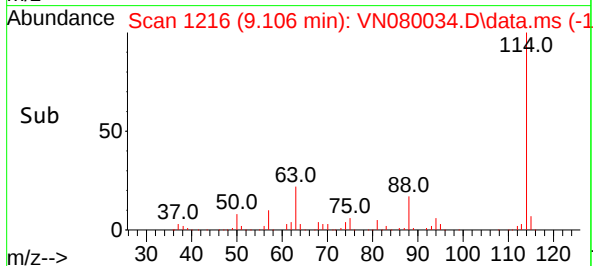
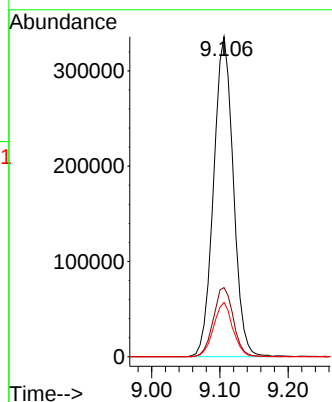
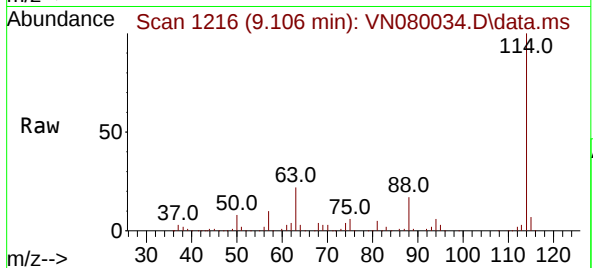
Tgt Ion:114 Resp: 676247

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.664 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080034.D

Acq: 09 Nov 2023 20:10

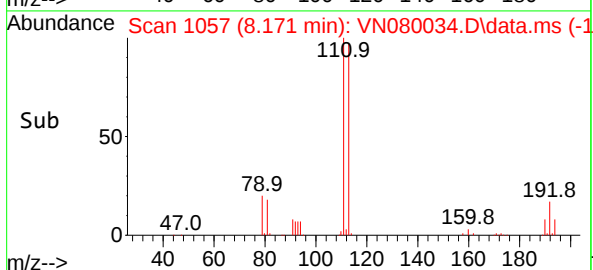
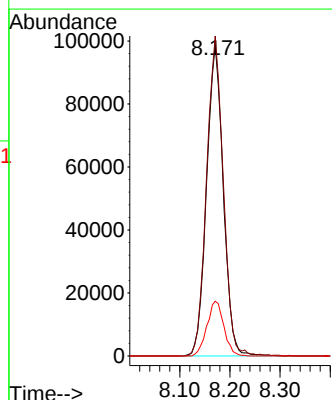
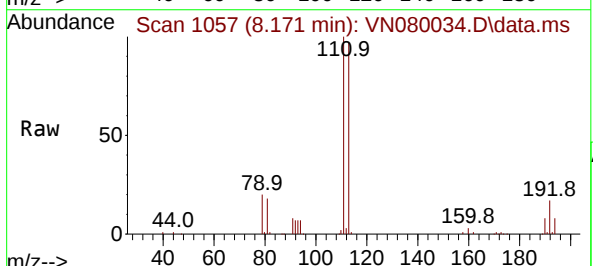
Tgt Ion:113 Resp: 228128

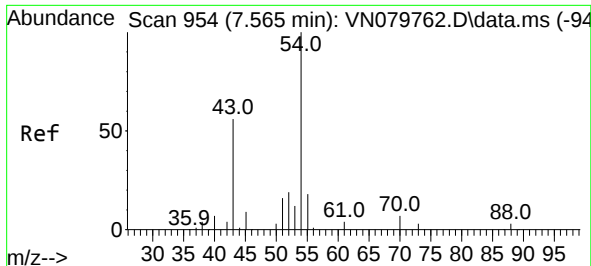
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.9 12.7 19.1

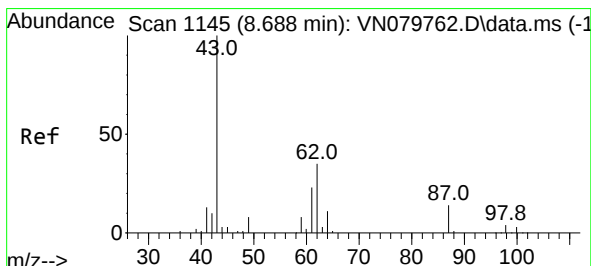
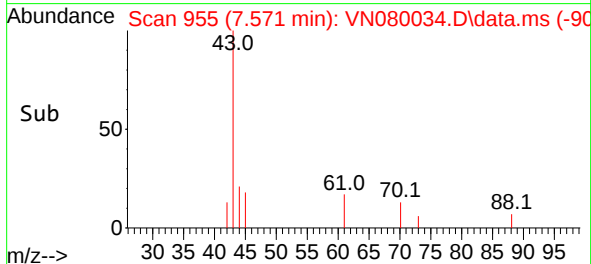
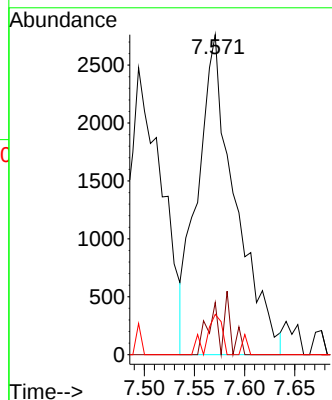
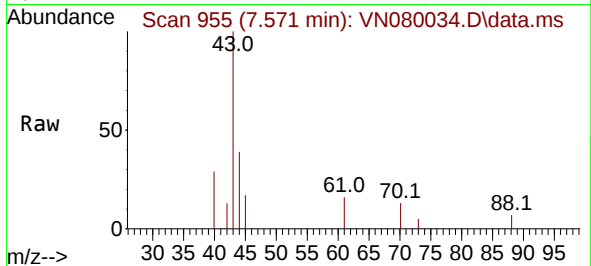




#37
Ethyl Acetate
Concen: 1.146 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

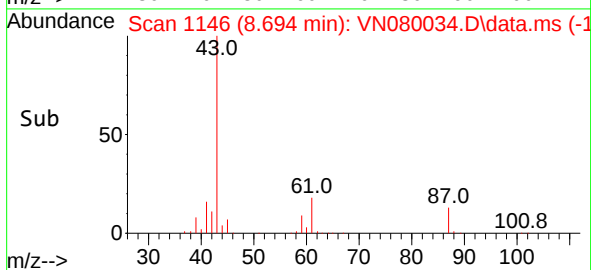
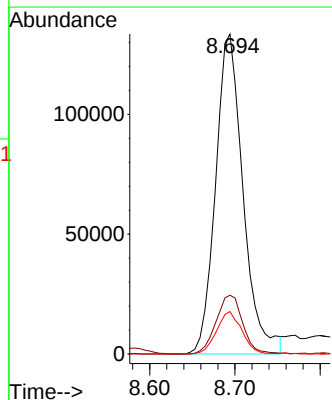
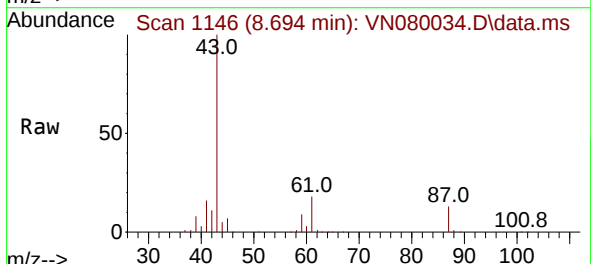
Instrument :
MSVOA_N
ClientSampleId :
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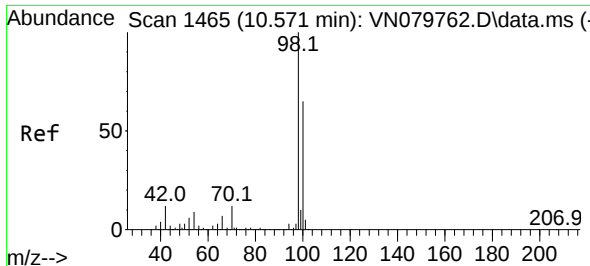
Tgt Ion: 43 Resp: 7184
Ion Ratio Lower Upper
43 100
61 4.6 13.2 19.8#
70 5.1 11.3 16.9#



#43
Isopropyl Acetate
Concen: 27.277 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

Tgt Ion: 43 Resp: 299806
Ion Ratio Lower Upper
43 100
61 17.9 24.7 37.1#
87 12.2 14.6 21.8#

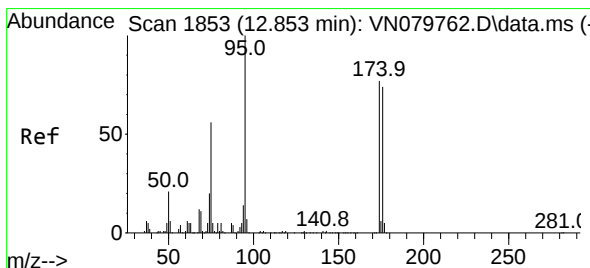
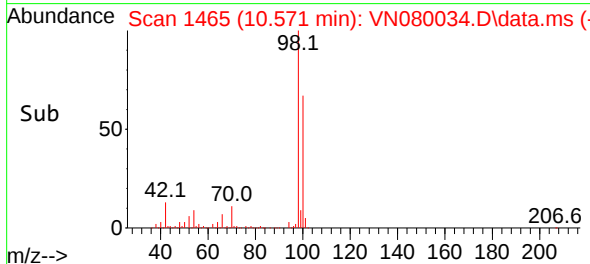
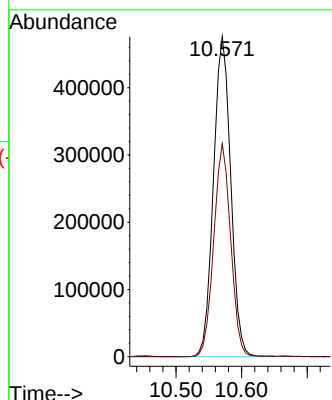
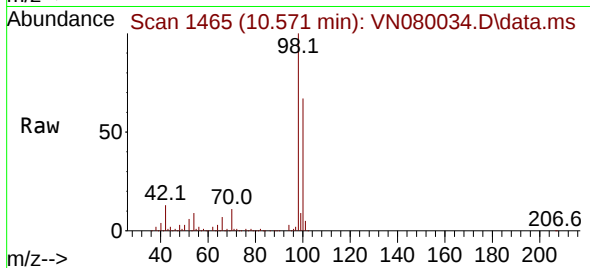




#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

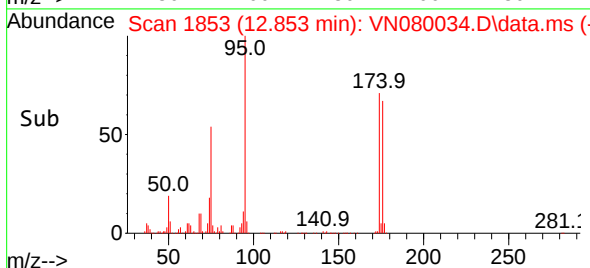
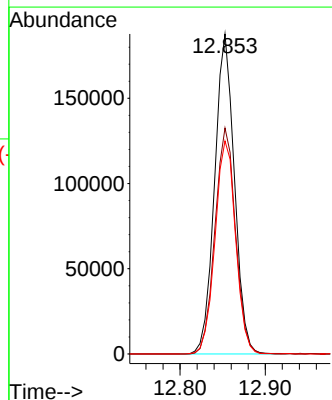
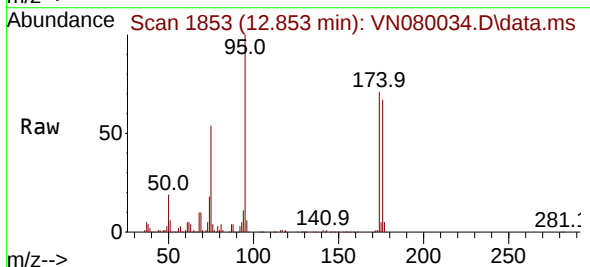
Instrument :
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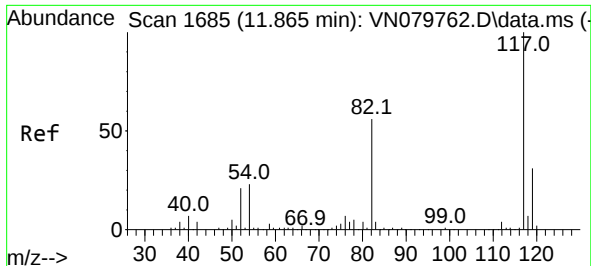
Tgt Ion: 98 Resp: 869815
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.798 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

Tgt Ion: 95 Resp: 302686
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 69.3 0.0 135.8

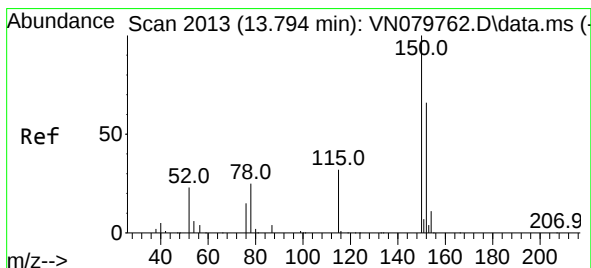
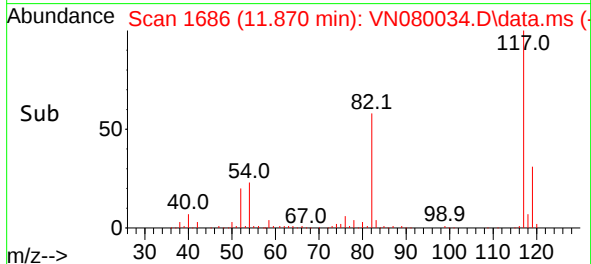
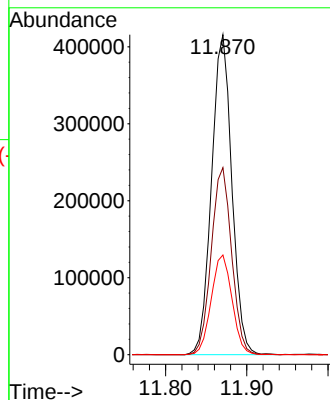
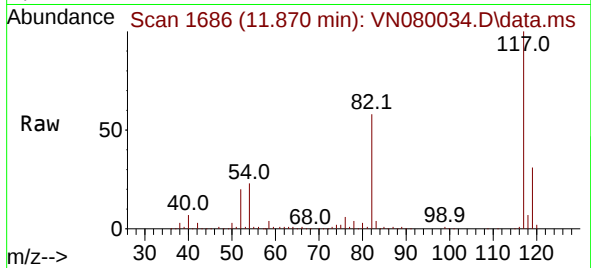




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080034.D
Acq: 09 Nov 2023 20:10

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 720633
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.2 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: VN080034.D
Acq: 09 Nov 2023 20:10

Tgt Ion:152 Resp: 278127
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 156.9 0.0 355.8

