

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079604.D
 Acq On : 18 Oct 2023 16:39
 Operator : JC\MD
 Sample : 04958-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Oct 19 06:16:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

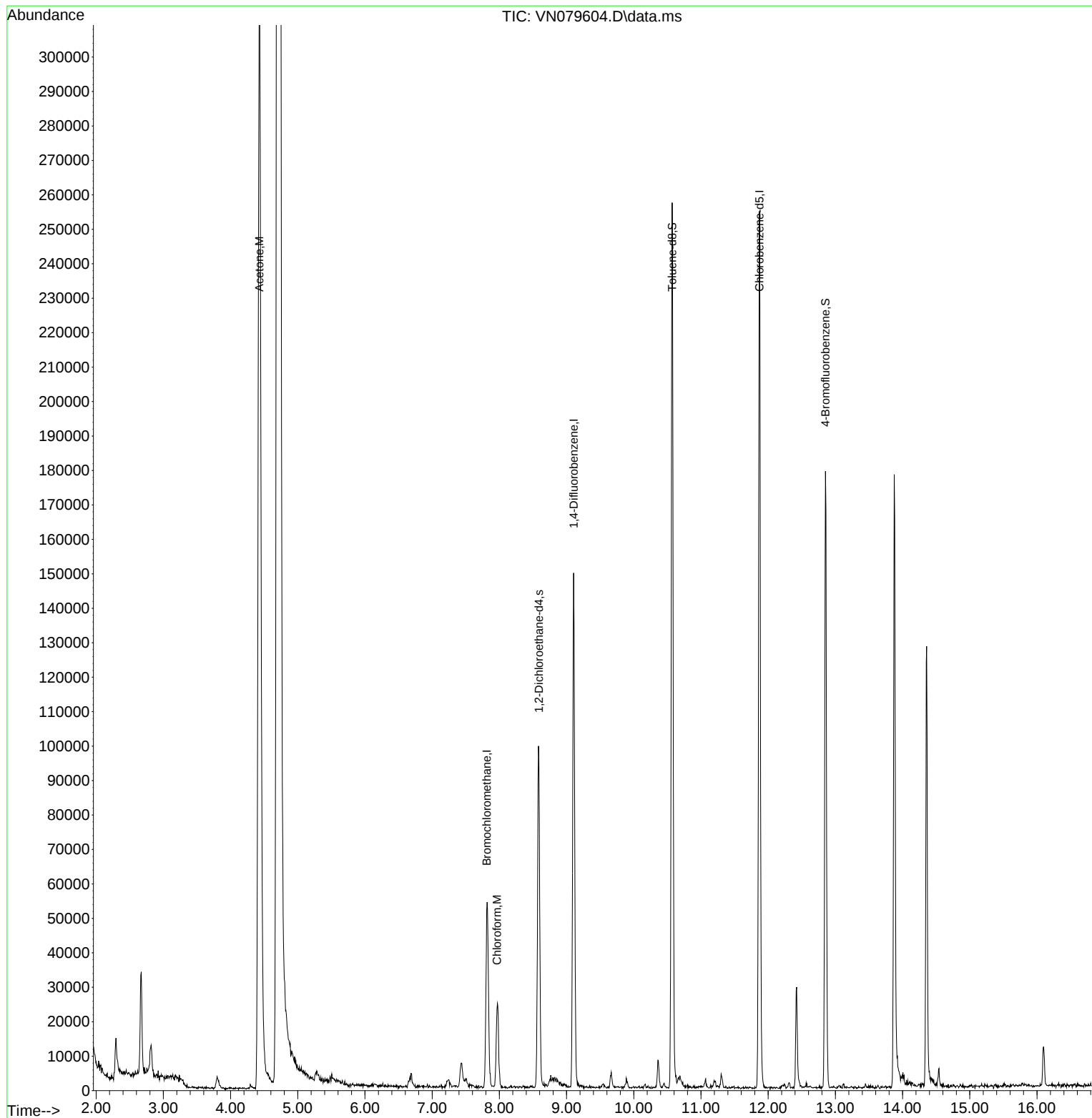
Internal Standards						
1) Bromochloromethane	7.812	128	18171	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	119318	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	144691	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	80595	31.196	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.000%
60) 4-Bromofluorobenzene	12.853	95	61666	23.305	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.700%
63) Toluene-d8	10.571	98	178529	28.794	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.967%
Target Compounds						
15) Acetone	4.430	58	192325	429.526	ug/l	81
25) Chloroform	7.965	83	24260	4.414	ug/l	96

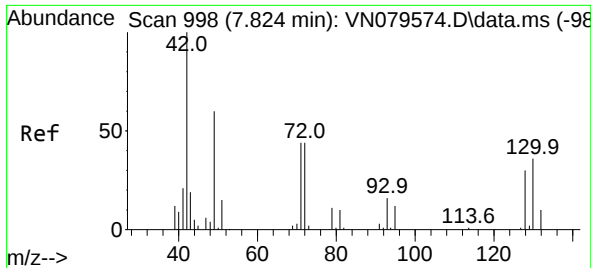
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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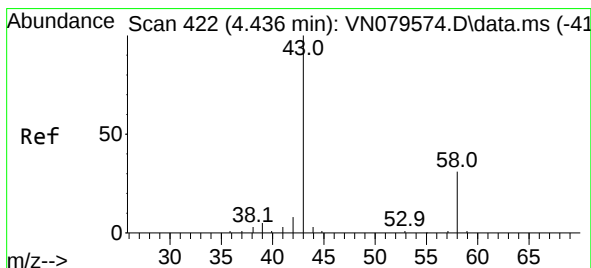
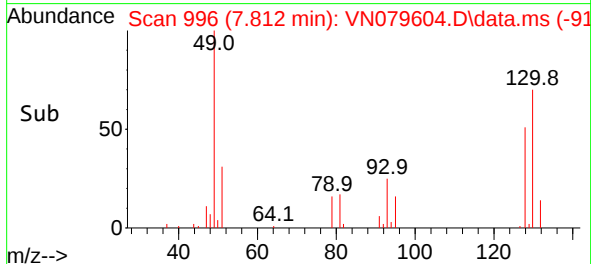
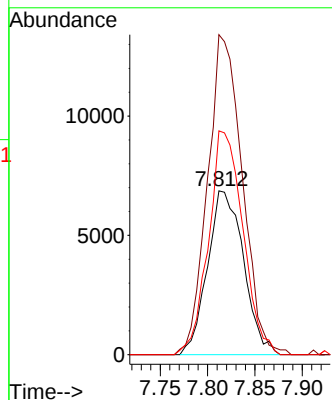
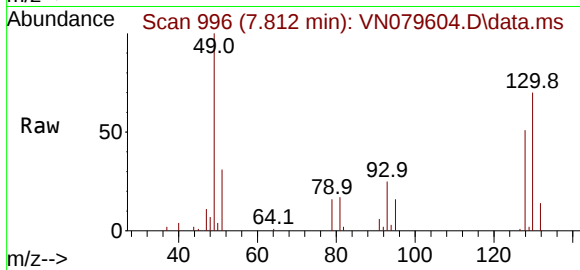




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

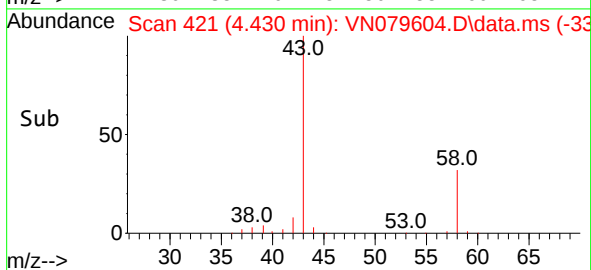
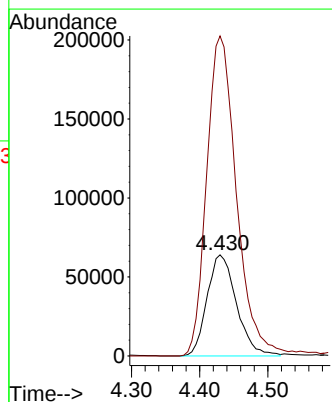
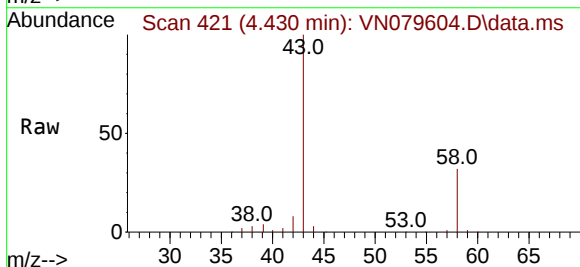
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

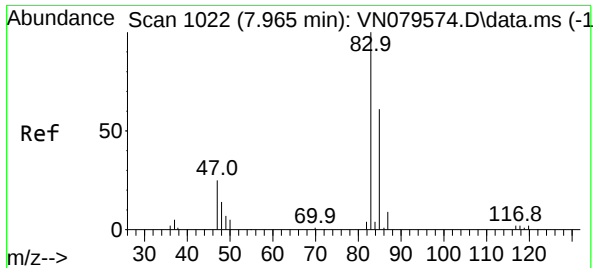
Tgt Ion:128 Resp: 18171
Ion Ratio Lower Upper
128 100
49 188.0 0.0 468.5
130 130.3 0.0 320.7



#15
Acetone
Concen: 429.526 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

Tgt Ion: 58 Resp: 192325
Ion Ratio Lower Upper
58 100
43 316.3 225.2 337.8

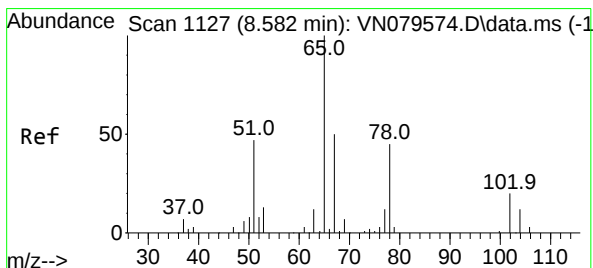
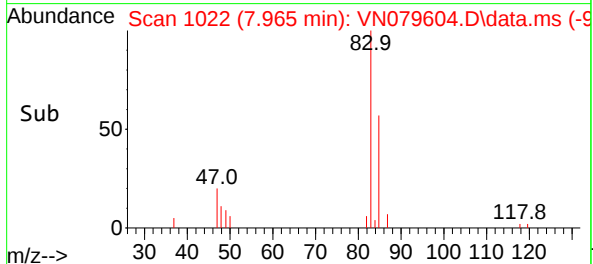
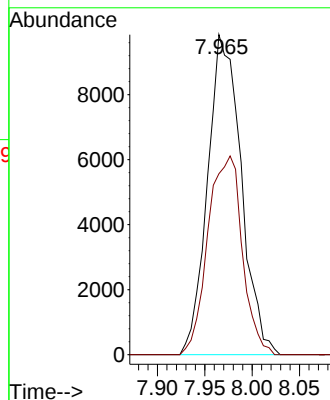
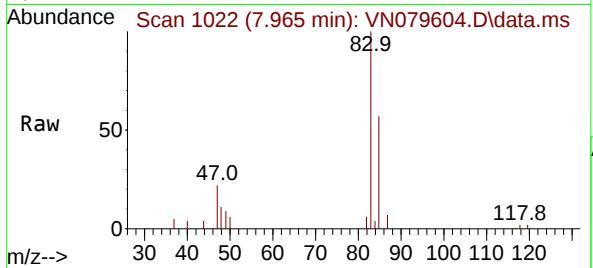




#25
Chloroform
Concen: 4.414 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

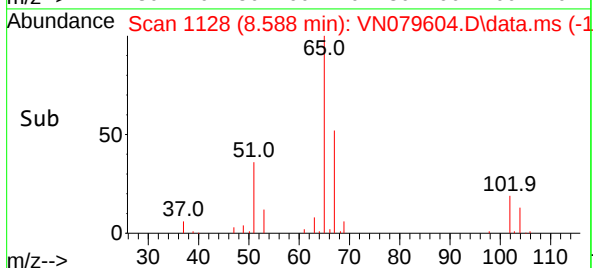
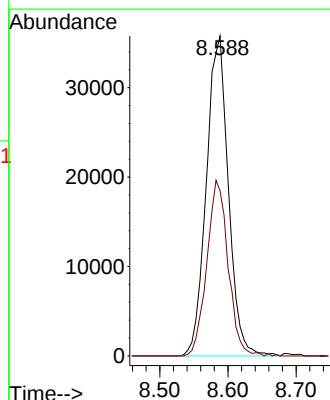
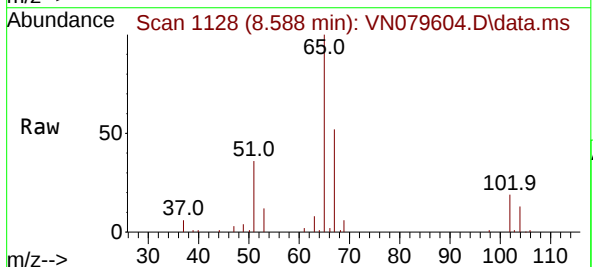
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ClientSampleId :
EFF-WASTE-WATER

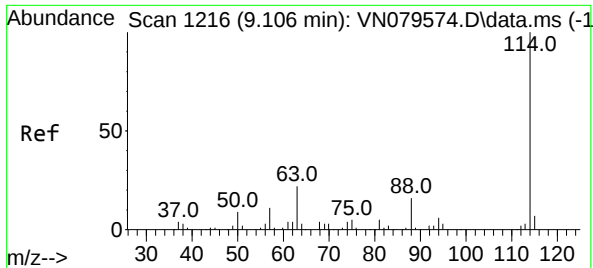
Tgt Ion: 83 Resp: 24260
Ion Ratio Lower Upper
83 100
85 56.6 47.4 71.2



#27
1,2-Dichloroethane-d4
Concen: 31.196 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

Tgt Ion: 65 Resp: 80595
Ion Ratio Lower Upper
65 100
67 52.6 42.1 63.1

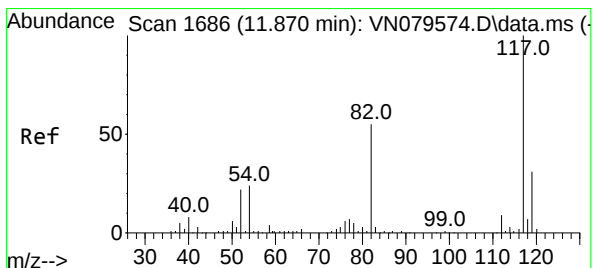
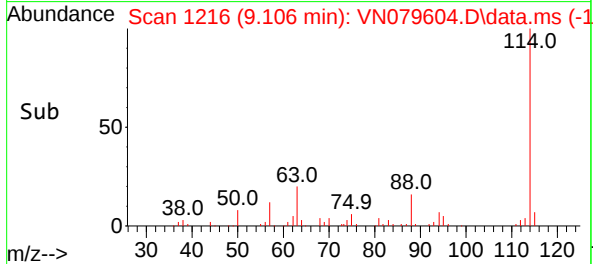
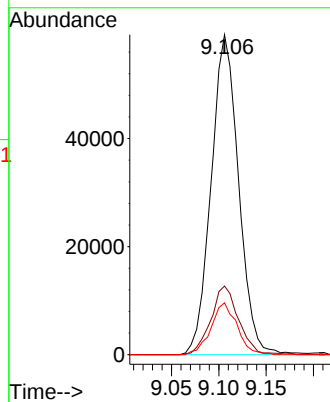
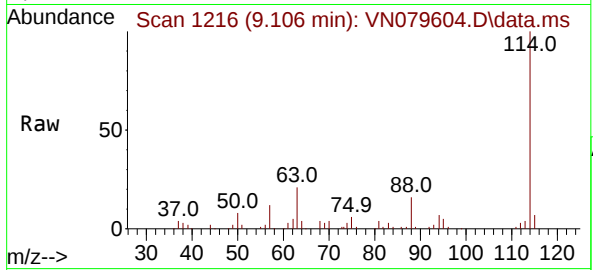




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 119318
Delta R.T. 0.000 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

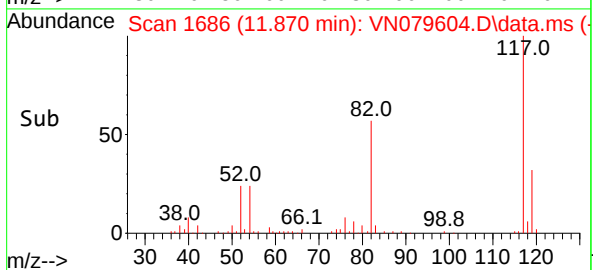
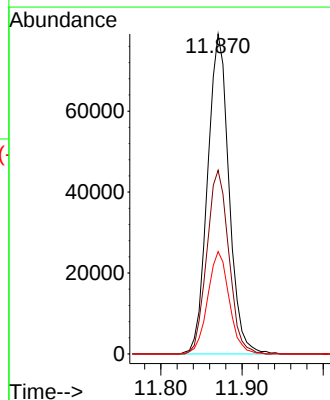
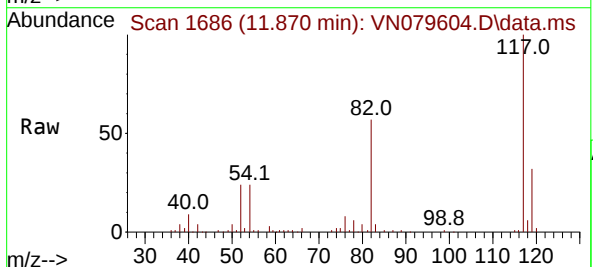
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

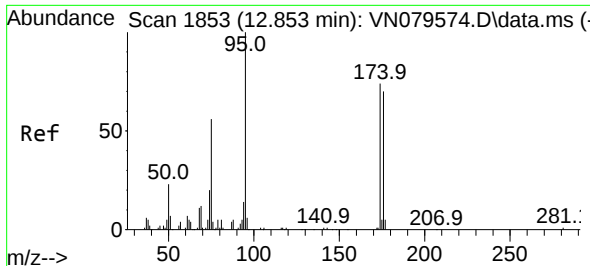
Tgt Ion:	114	Resp:	119318
Ion Ratio	Lower	Upper	
114	100		
63	21.6	18.1	27.1
88	15.4	12.2	18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

Tgt Ion:	117	Resp:	144691
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.2	69.2
119	32.3	25.2	37.8

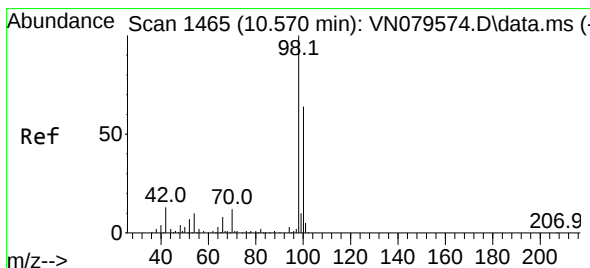
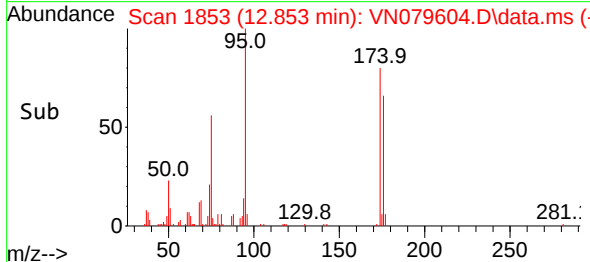
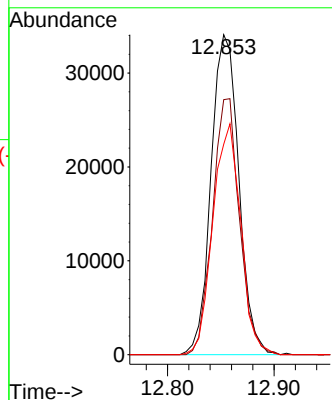
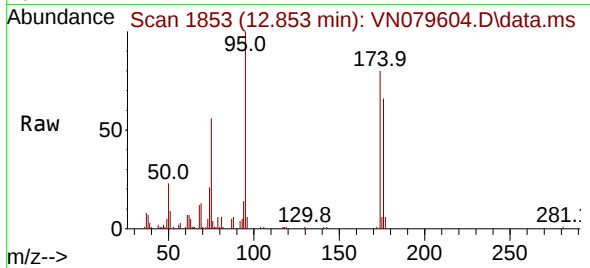




#60
4-Bromofluorobenzene
Concen: 23.305 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 95 Resp: 61666
Ion Ratio Lower Upper
95 100
174 77.9 60.5 90.7
176 72.6 57.2 85.8



#63
Toluene-d8
Concen: 28.794 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079604.D
Acq: 18 Oct 2023 16:39

Tgt Ion: 98 Resp: 178529
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

