

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083543.D
 Acq On : 28 Aug 2024 18:09
 Operator : JC\MD
 Sample : P3731-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-Waste Water

Quant Time: Aug 29 00:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

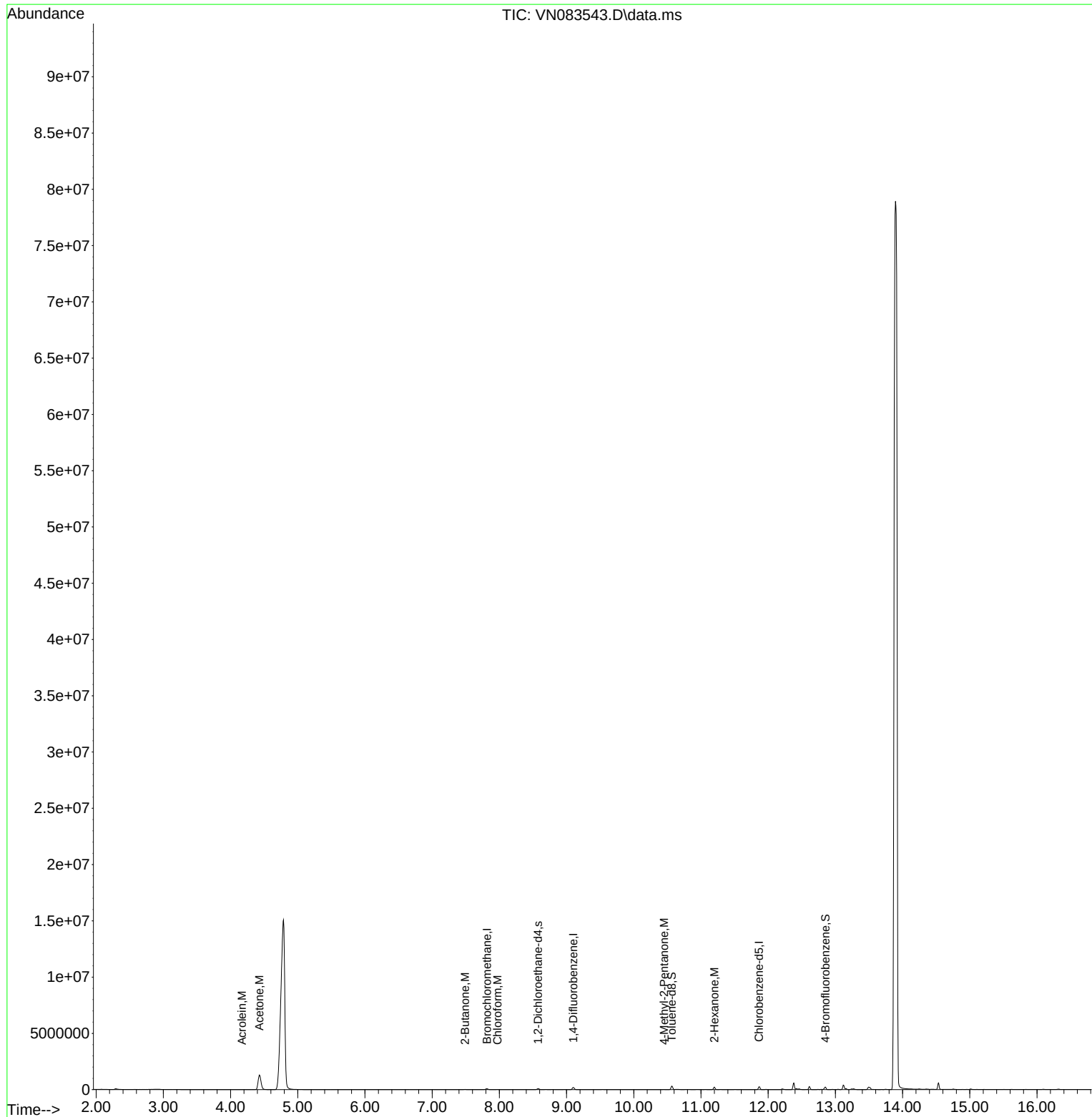
Internal Standards						
1) Bromochloromethane	7.818	128	27342	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	166643	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	147193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77811	31.662	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.533%
60) 4-Bromofluorobenzene	12.853	95	79321	30.439	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.467%
63) Toluene-d8	10.565	98	203676	29.973	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%
Target Compounds						
					Qvalue	
13) Acrolein	4.171	56	4323	15.236	ug/l	94
15) Acetone	4.430	58	741096	2741.701	ug/l #	69
25) Chloroform	7.971	83	9142	2.481	ug/l	99
30) 2-Butanone	7.488	43	26088	19.451	ug/l	94
58) 4-Methyl-2-Pentanone	10.453	43	7002	2.682	ug/l #	83
59) 2-Hexanone	11.200	43	142980	71.418	ug/l	89

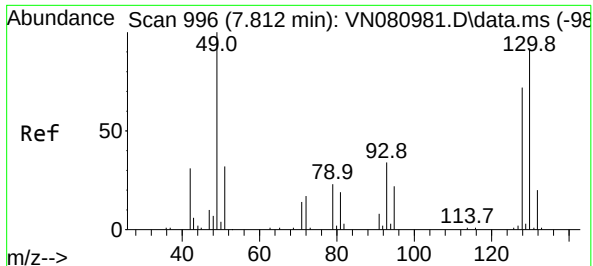
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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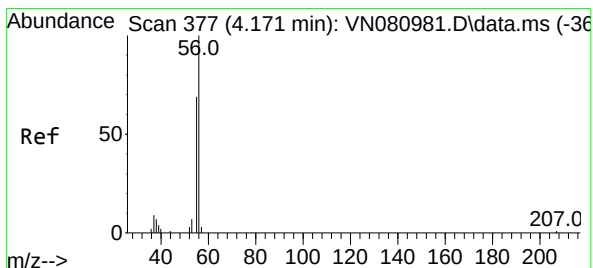
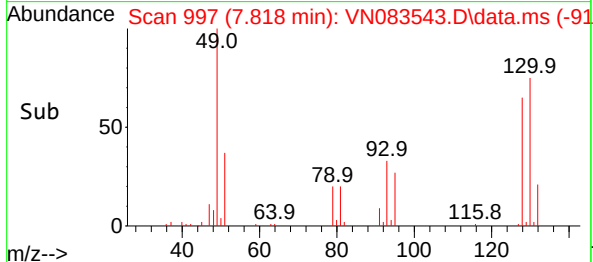
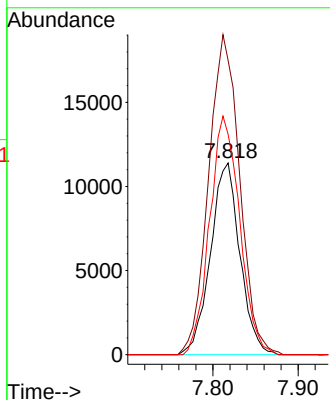
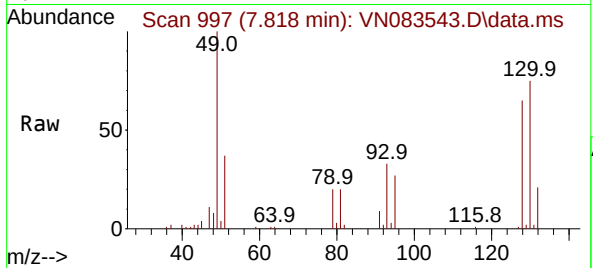




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

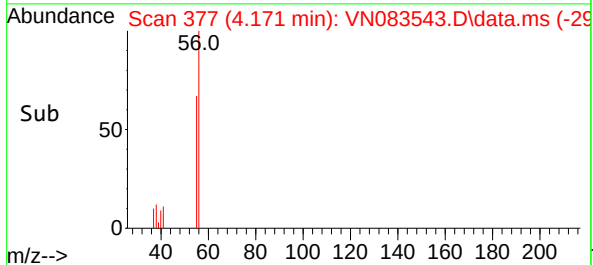
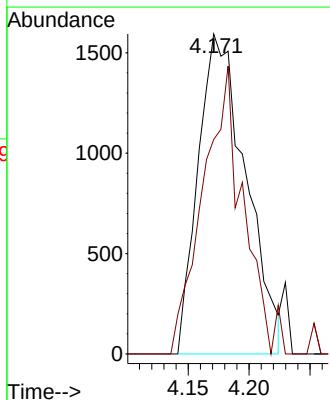
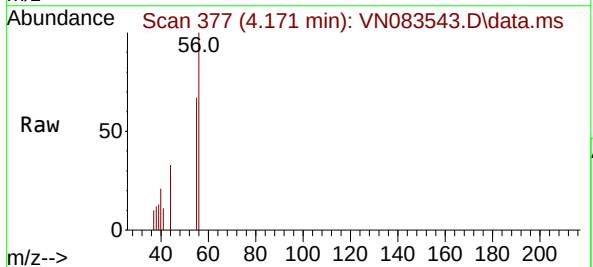
Instrument :
MSVOA_N
ClientSampleId :
EFF-Waste Water

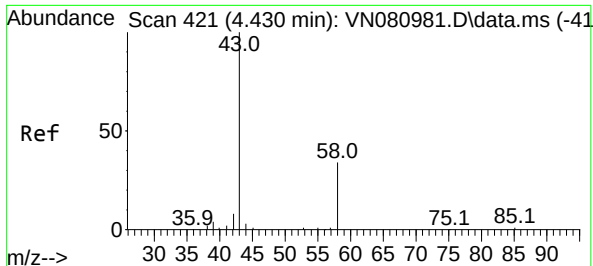
Tgt Ion:128 Resp: 27342
Ion Ratio Lower Upper
128 100
49 176.3 0.0 403.7
130 127.9 0.0 323.3



#13
Acrolein
Concen: 15.236 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

Tgt Ion: 56 Resp: 4323
Ion Ratio Lower Upper
56 100
55 74.4 55.5 83.3

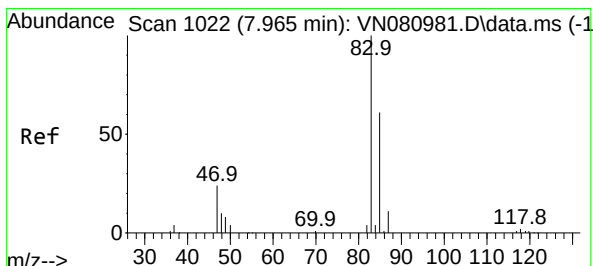
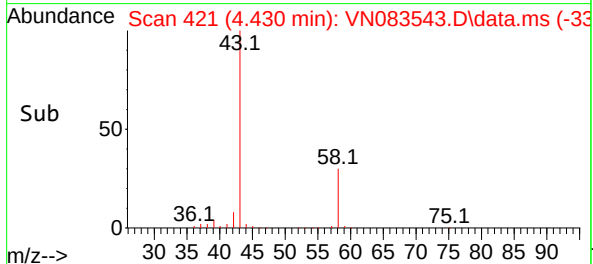
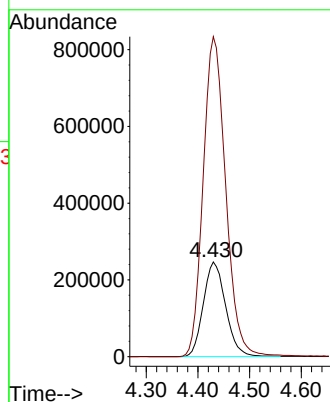
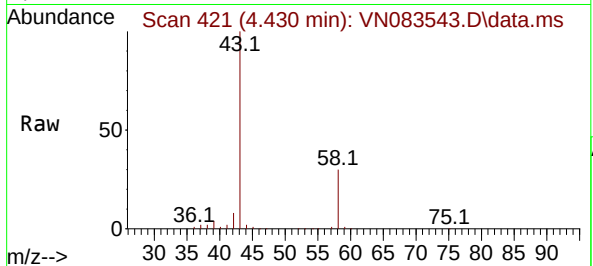




#15
Acetone
Concen: 2741.701 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

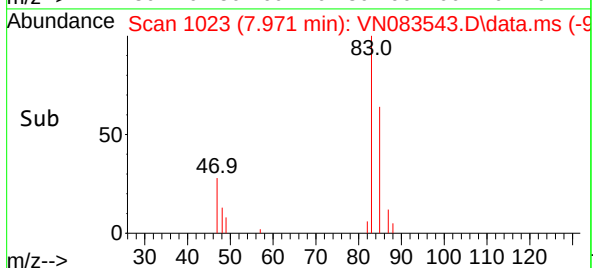
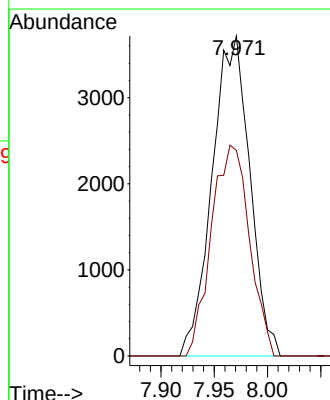
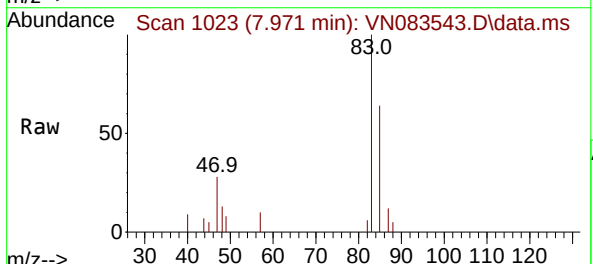
Instrument :
MSVOA_N
ClientSampleId :
EFF-Waste Water

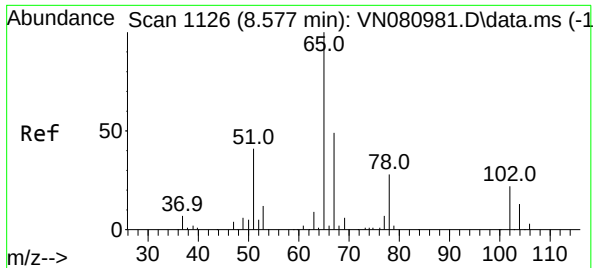
Tgt Ion: 58 Resp: 741096
Ion Ratio Lower Upper
58 100
43 337.7 223.1 334.7#



#25
Chloroform
Concen: 2.481 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

Tgt Ion: 83 Resp: 9142
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3

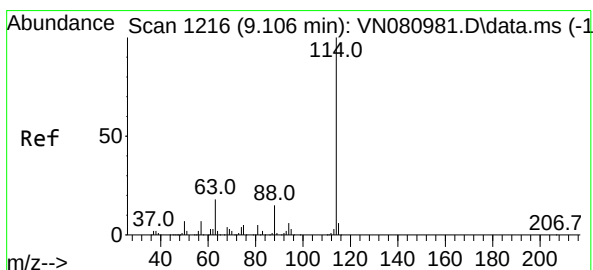
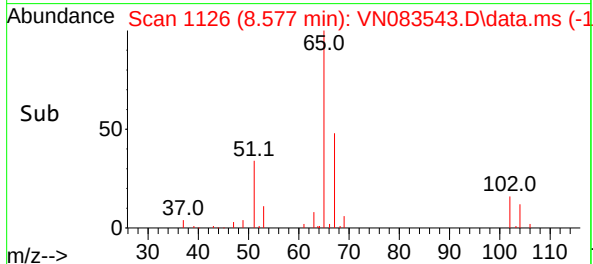
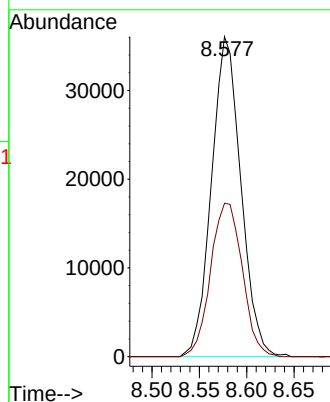
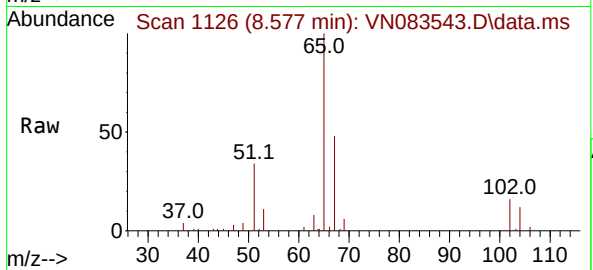




#27
 1,2-Dichloroethane-d4
 Concen: 31.662 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083543.D
 Acq: 28 Aug 2024 18:09

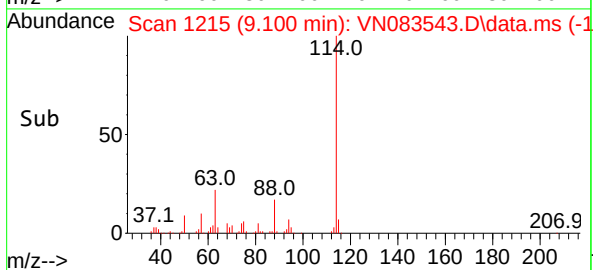
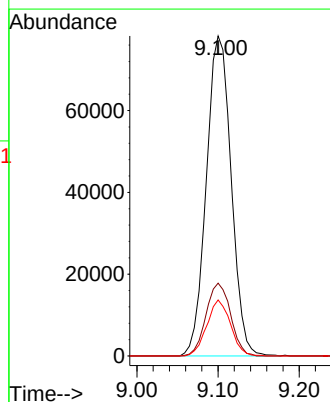
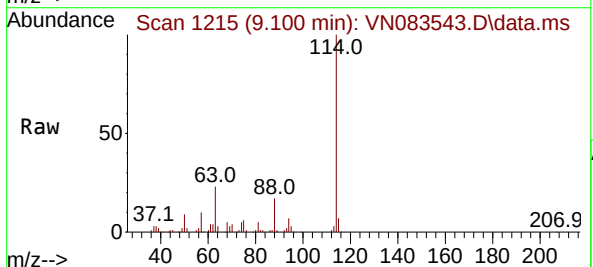
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-Waste Water

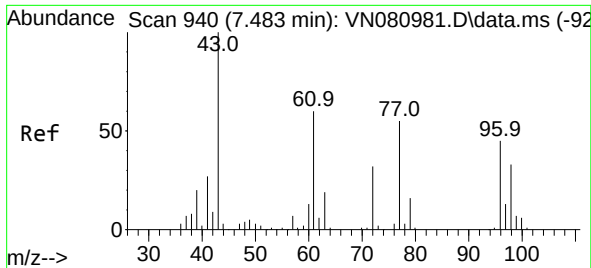
Tgt Ion: 65 Resp: 77811
 Ion Ratio Lower Upper
 65 100
 67 51.7 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN083543.D
 Acq: 28 Aug 2024 18:09

Tgt Ion: 114 Resp: 166643
 Ion Ratio Lower Upper
 114 100
 63 22.4 15.9 23.9
 88 16.7 12.7 19.1

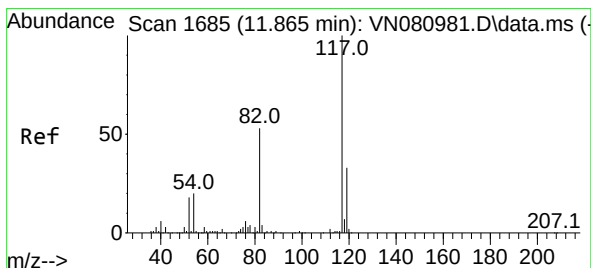
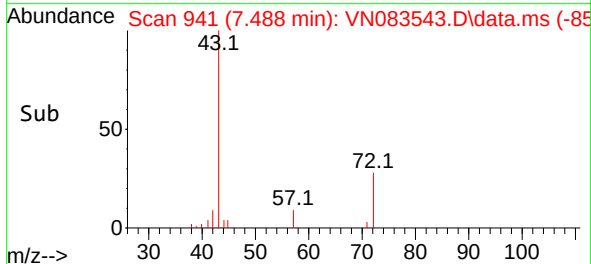
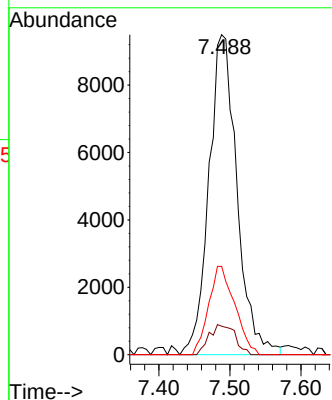
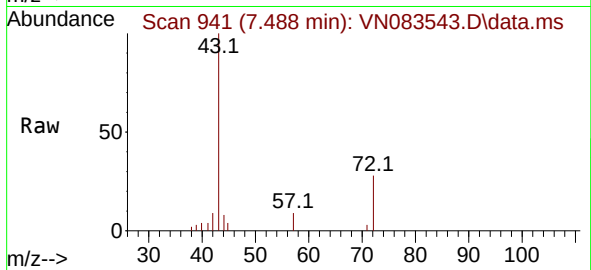




#30
2-Butanone
Concen: 19.451 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

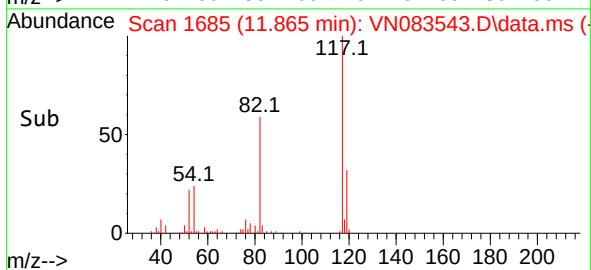
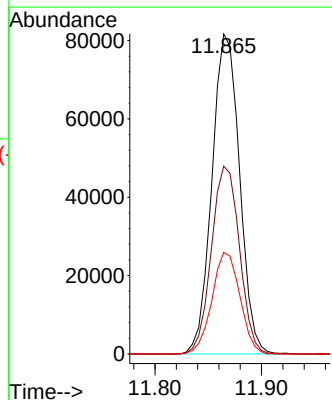
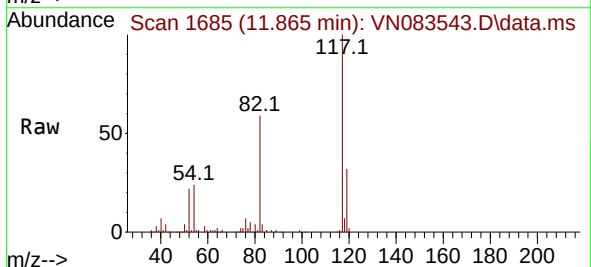
Instrument :
MSVOA_N
ClientSampleId :
EFF-Waste Water

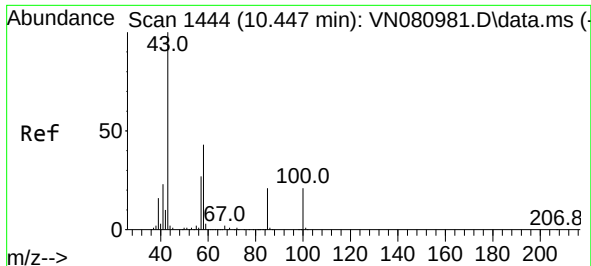
Tgt Ion: 43 Resp: 26088
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 25.7 24.0 36.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

Tgt Ion: 117 Resp: 147193
Ion Ratio Lower Upper
117 100
82 59.6 46.6 69.8
119 32.1 25.4 38.2





#58

4-Methyl-2-Pentanone

Concen: 2.682 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN083543.D

Acq: 28 Aug 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

EFF-Waste Water

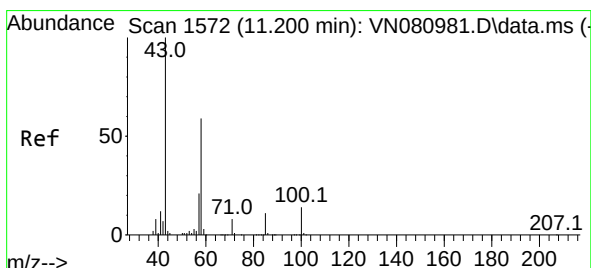
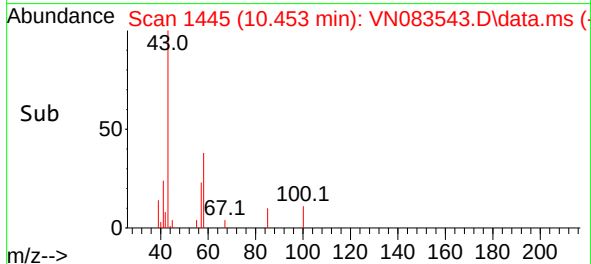
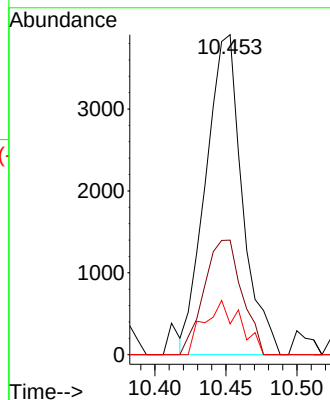
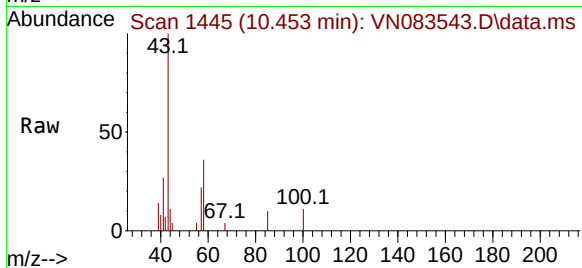
Tgt Ion: 43 Resp: 7002

Ion Ratio Lower Upper

43 100

58 37.2 36.5 54.7

85 12.6 19.5 29.3#



#59

2-Hexanone

Concen: 71.418 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN083543.D

Acq: 28 Aug 2024 18:09

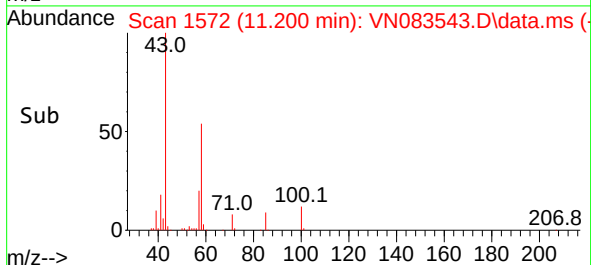
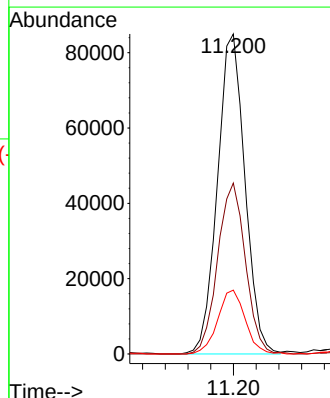
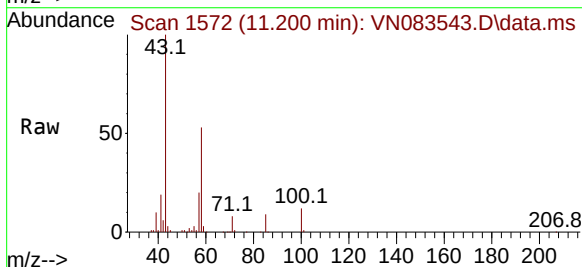
Tgt Ion: 43 Resp: 142980

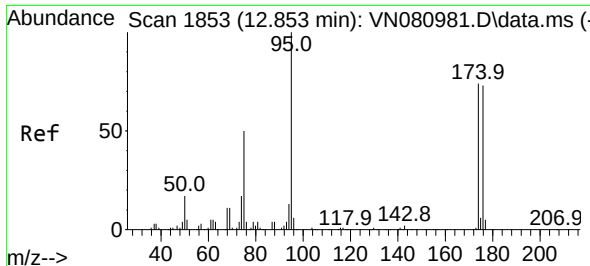
Ion Ratio Lower Upper

43 100

58 53.7 50.4 75.6

57 19.9 18.6 27.8

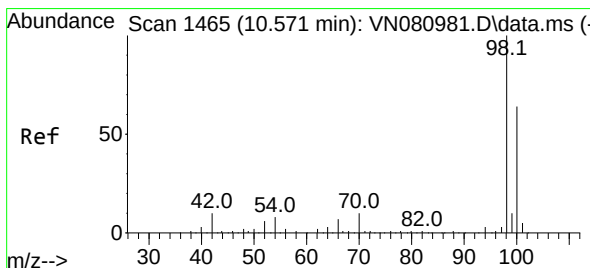
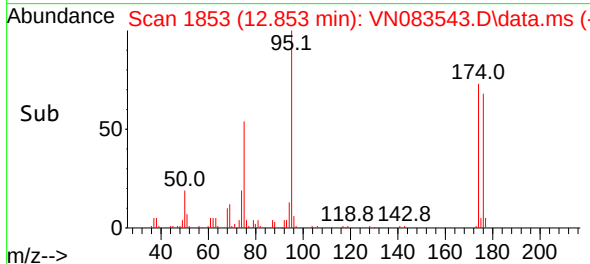
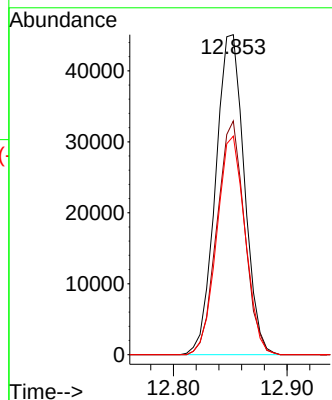
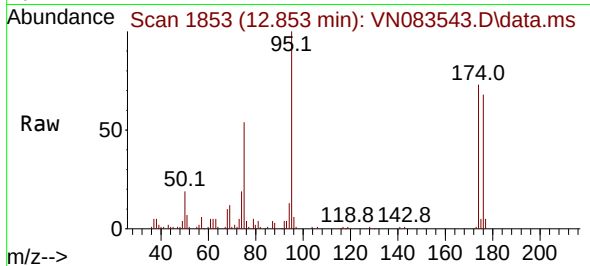




#60
4-Bromofluorobenzene
Concen: 30.439 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

Instrument :
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Tgt Ion: 95 Resp: 79321
Ion Ratio Lower Upper
95 100
174 70.0 60.5 90.7
176 67.2 57.8 86.6



#63
Toluene-d8
Concen: 29.973 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083543.D
Acq: 28 Aug 2024 18:09

Tgt Ion: 98 Resp: 203676
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

