

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075012.D
 Acq On : 25 Oct 2022 17:17
 Operator : JC\MD
 Sample : N5156-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Oct 27 10:27:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

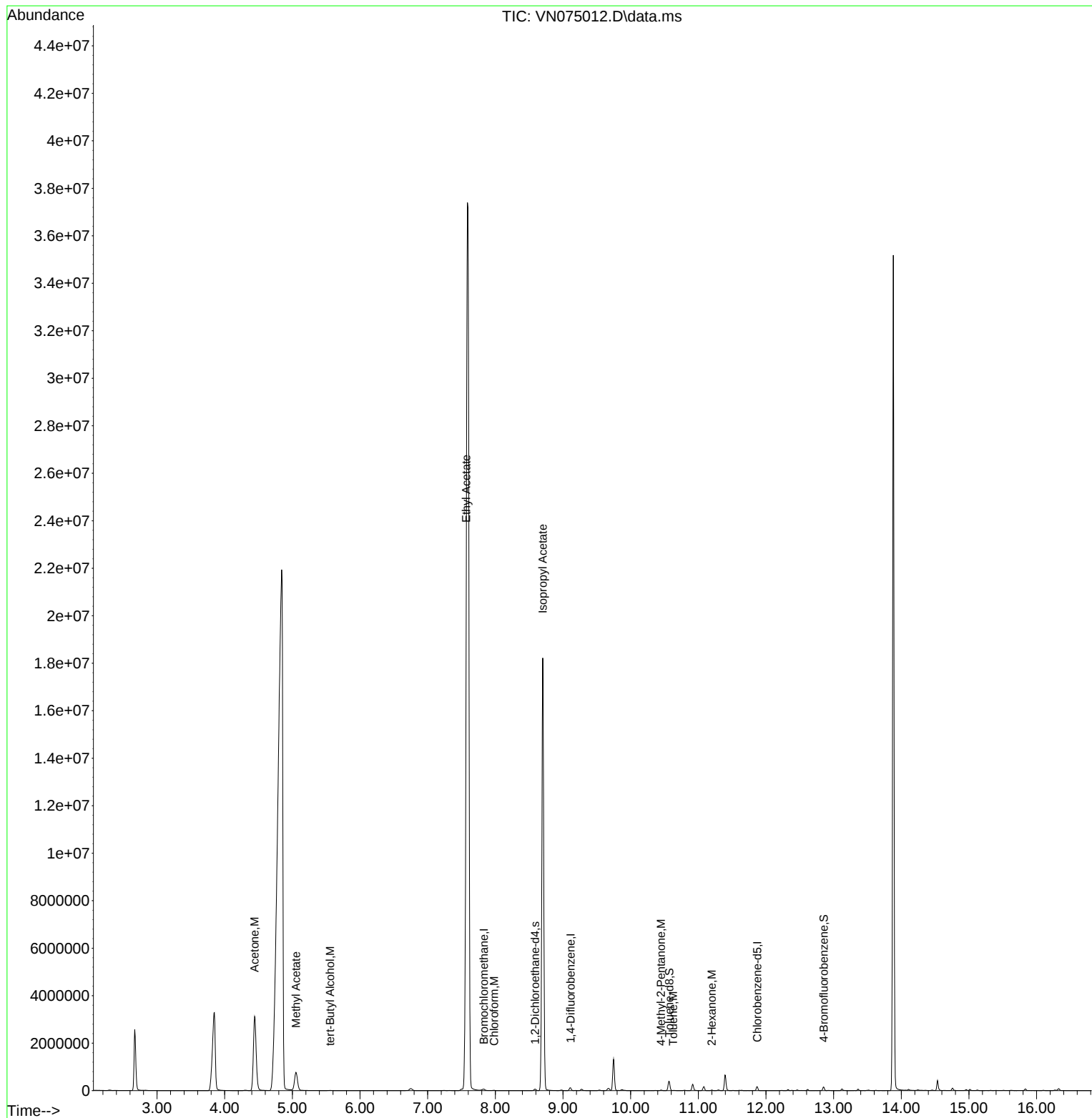
Internal Standards						
1) Bromochloromethane	7.830	128	19053	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.112	114	112923	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	99566	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	50765	29.140	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.133%
60) 4-Bromofluorobenzene	12.853	95	55838	28.542	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.133%
63) Toluene-d8	10.571	98	163689	29.394	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.967%
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.053	43	1447688	782.894	ug/l	93
15) Acetone	4.442	58	1960090	9183.293	ug/l	82
23) tert-Butyl Alcohol	5.559	59	14659	41.450	ug/l #	100
25) Chloroform	7.983	83	12034	4.620	ug/l #	81
43) Ethyl Acetate	7.571	43	33400008m	15135.814	ug/l	
44) Isopropyl Acetate	8.700	43	17280304	4881.892	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	16297m	7.588	ug/l	
59) 2-Hexanone	11.200	43	15280	9.275	ug/l #	93
62) Toluene	10.629	91	5240	0.813	ug/l	97

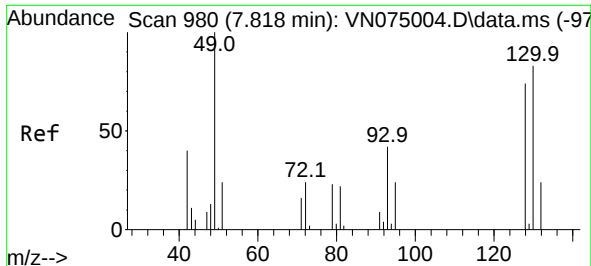
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
Data File : VN075012.D
Acq On : 25 Oct 2022 17:17
Operator : JC\MD
Sample : N5156-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Oct 27 10:27:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration

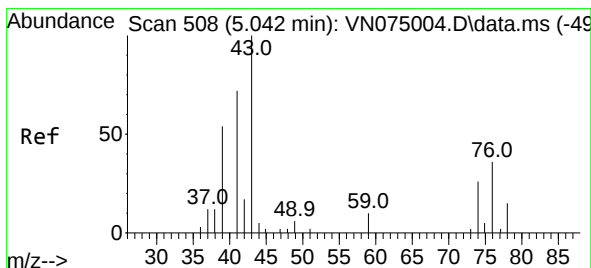
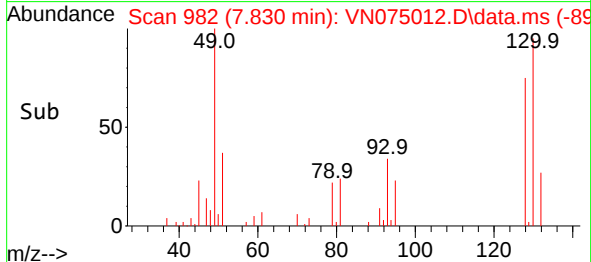
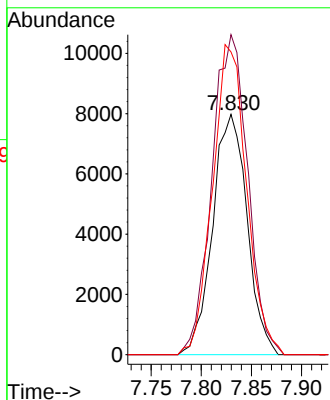
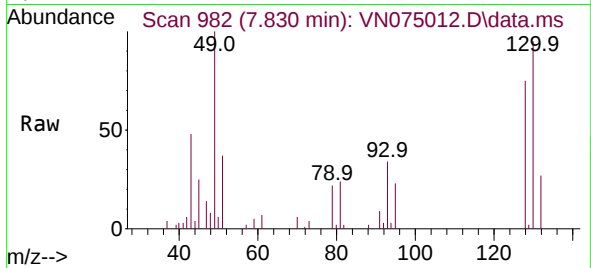




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

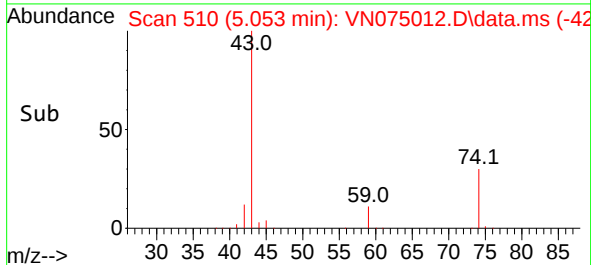
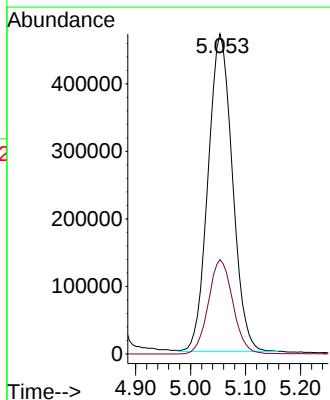
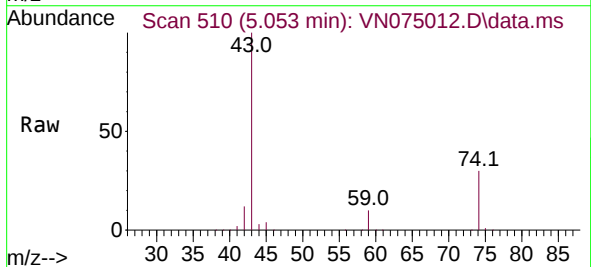
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

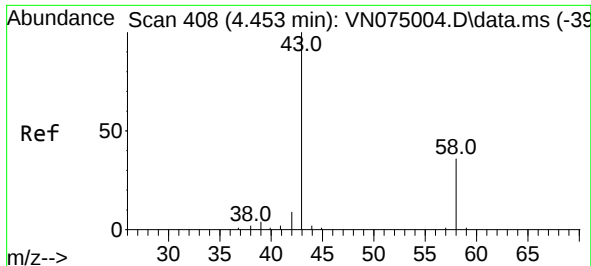
Tgt Ion:128 Resp: 19053
Ion Ratio Lower Upper
128 100
49 138.6 0.0 392.3
130 128.0 0.0 320.2



#12
Methyl Acetate
Concen: 782.894 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.012 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 43 Resp: 1447688
Ion Ratio Lower Upper
43 100
74 29.7 20.8 31.2

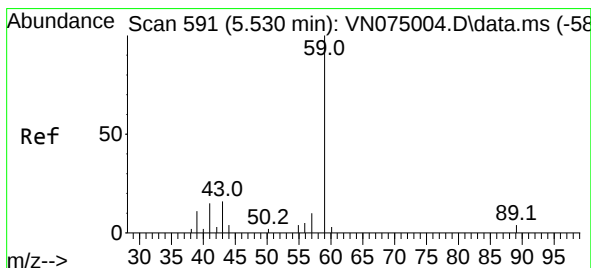
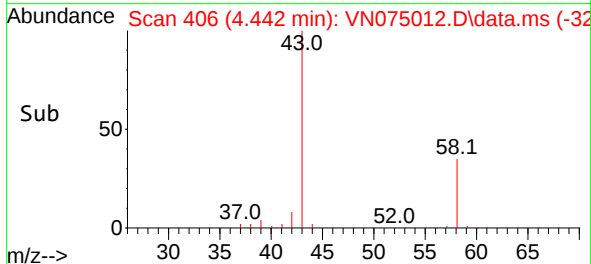
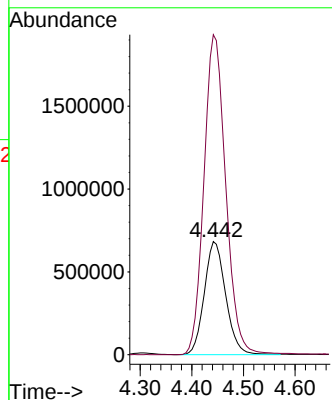
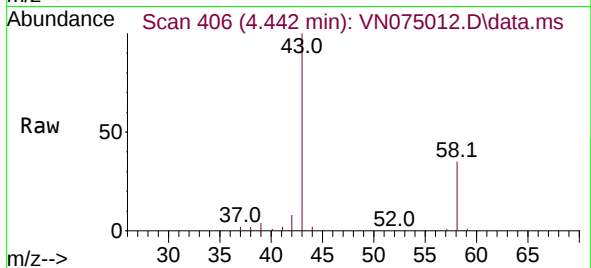




#15
Acetone
Concen: 9183.293 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.012 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

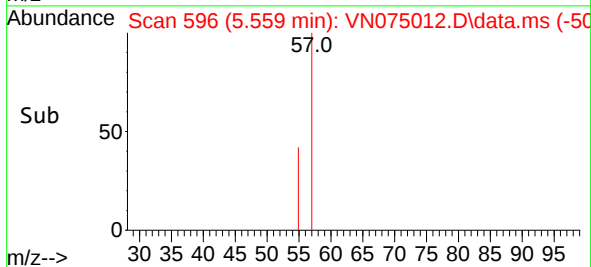
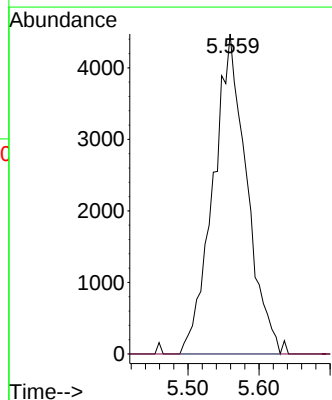
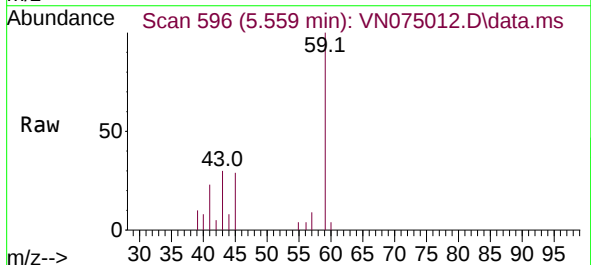
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

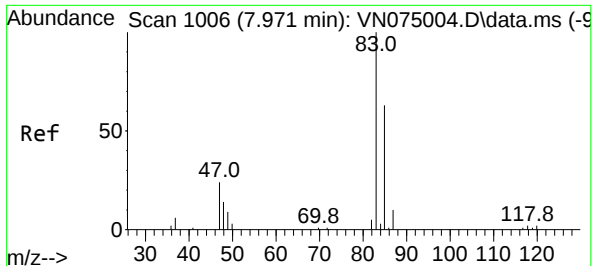
Tgt Ion: 58 Resp: 1960090
Ion Ratio Lower Upper
58 100
43 282.8 256.6 384.8



#23
tert-Butyl Alcohol
Concen: 41.450 ug/l
RT: 5.559 min Scan# 596
Delta R.T. 0.029 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 59 Resp: 14659
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

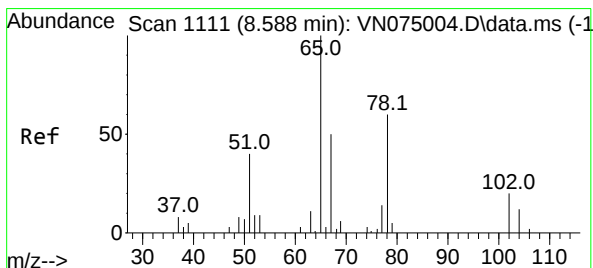
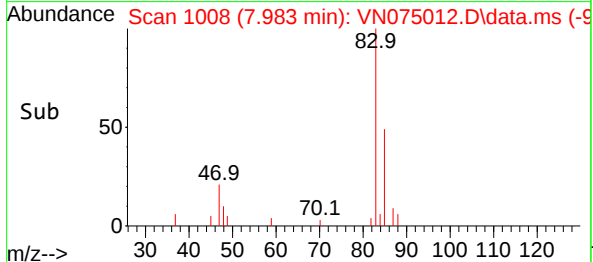
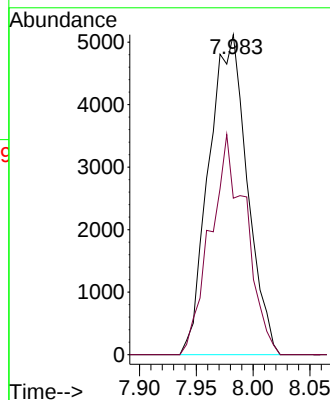
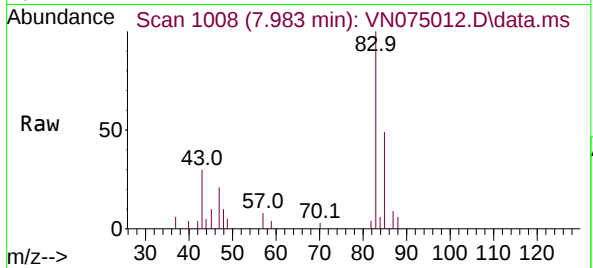




#25
Chloroform
Concen: 4.620 ug/l
RT: 7.983 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

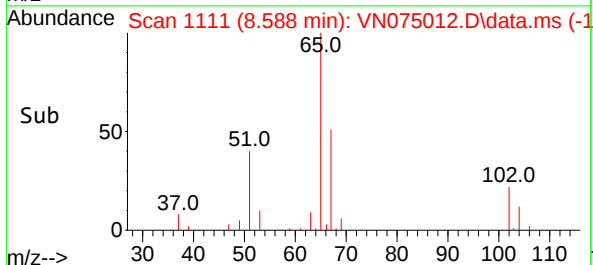
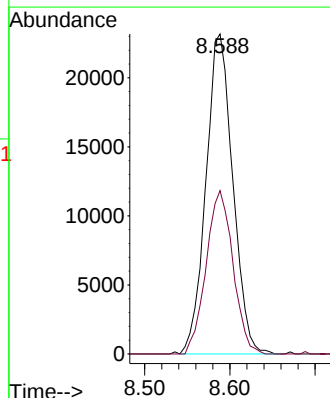
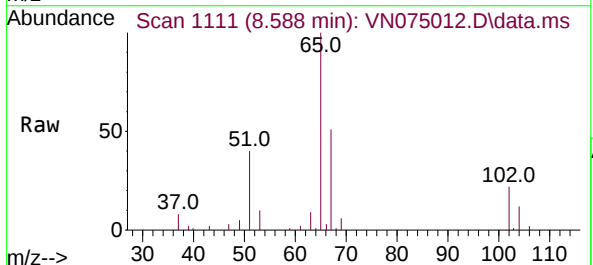
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

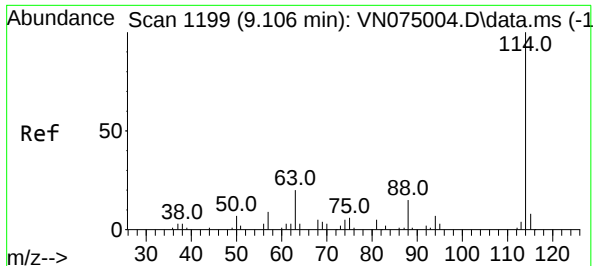
Tgt Ion: 83 Resp: 12034
Ion Ratio Lower Upper
83 100
85 48.9 51.3 76.9#



#27
1,2-Dichloroethane-d4
Concen: 29.140 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 65 Resp: 50765
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075012.D

Acq: 25 Oct 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

EFF-WASTE-WATER

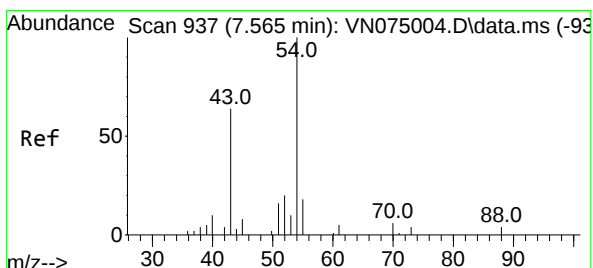
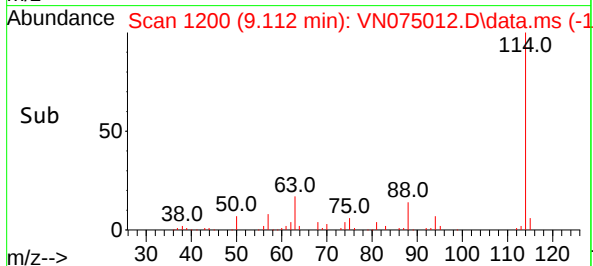
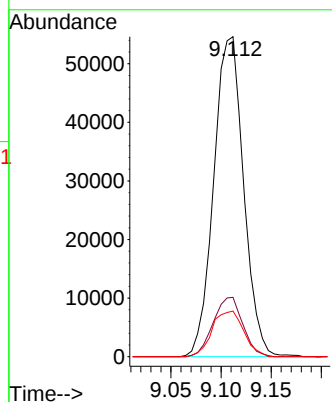
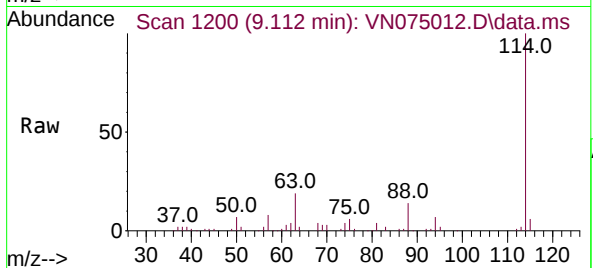
Tgt Ion:114 Resp: 112923

Ion Ratio Lower Upper

114 100

63 18.4 15.8 23.6

88 15.1 11.6 17.4



#43

Ethyl Acetate

Concen: 15135.814 ug/l m

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075012.D

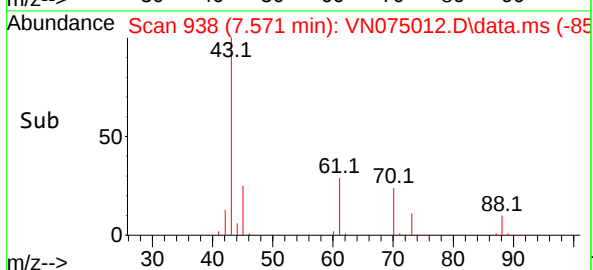
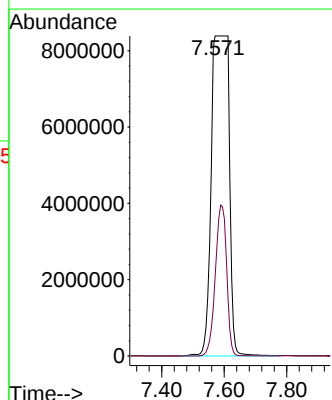
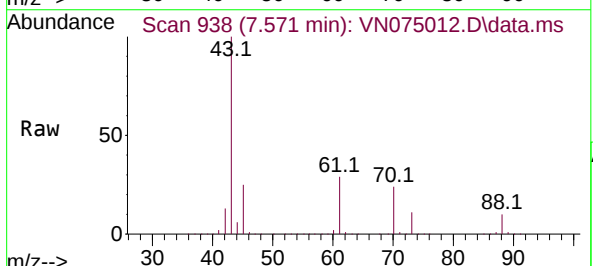
Acq: 25 Oct 2022 17:17

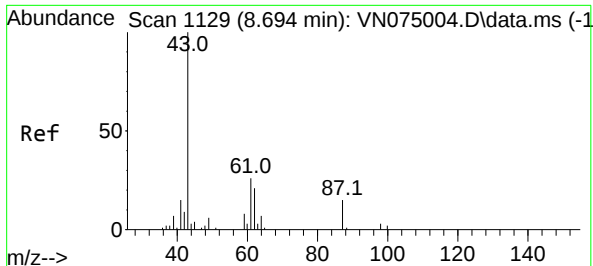
Tgt Ion: 43 Resp:33400008

Ion Ratio Lower Upper

43 100

45 0.0 10.6 16.0#





#44

Isopropyl Acetate

Concen: 4881.892 ug/l

RT: 8.700 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075012.D

Acq: 25 Oct 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

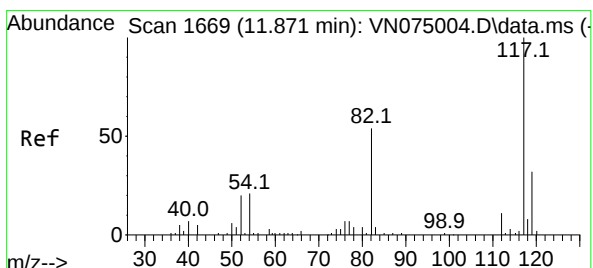
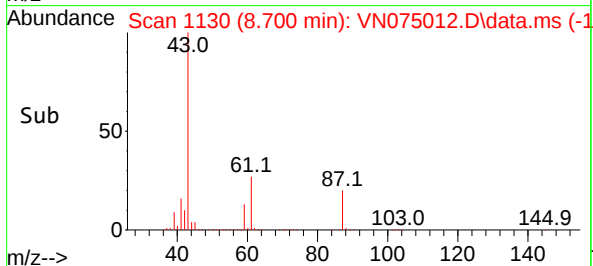
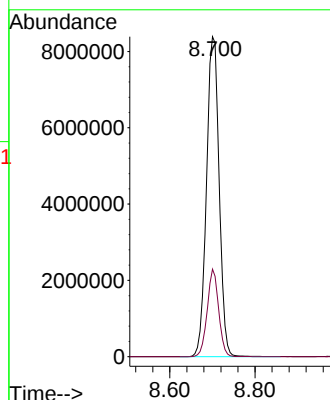
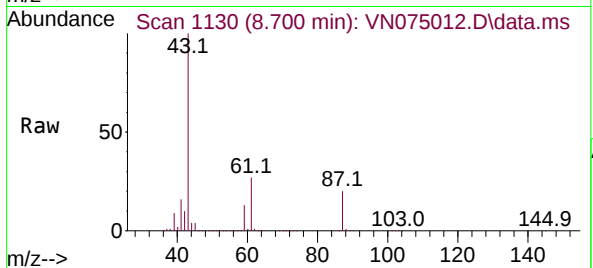
EFF-WASTE-WATER

Tgt Ion: 43 Resp:17280304

Ion Ratio Lower Upper

43 100

61 24.7 20.1 30.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VN075012.D

Acq: 25 Oct 2022 17:17

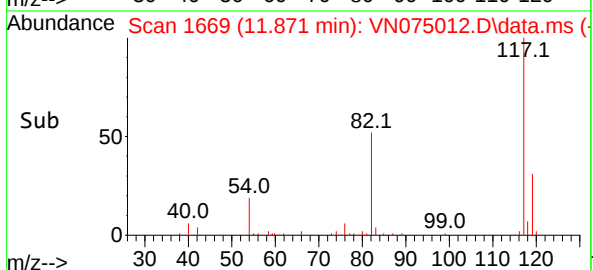
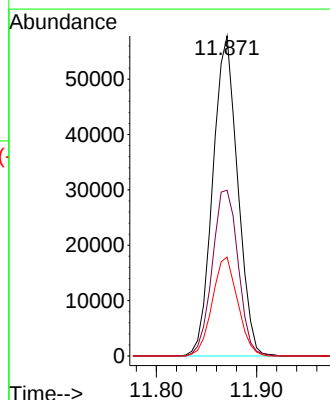
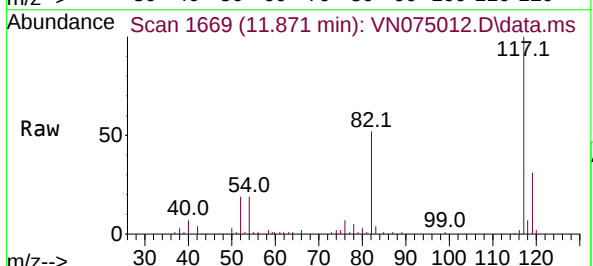
Tgt Ion:117 Resp: 99566

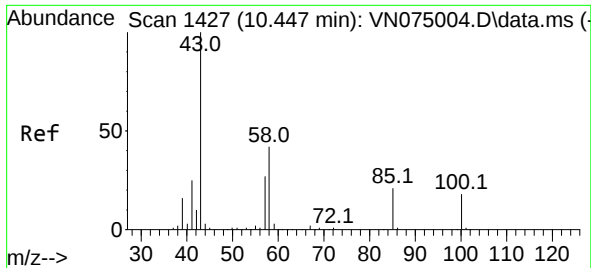
Ion Ratio Lower Upper

117 100

82 54.0 43.6 65.4

119 31.6 25.8 38.6

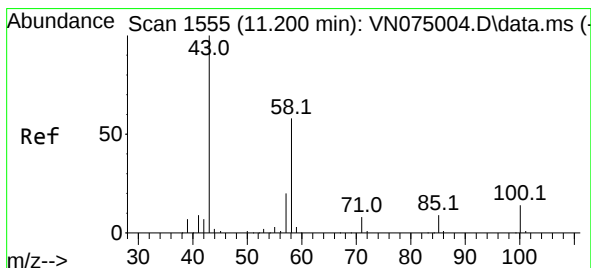
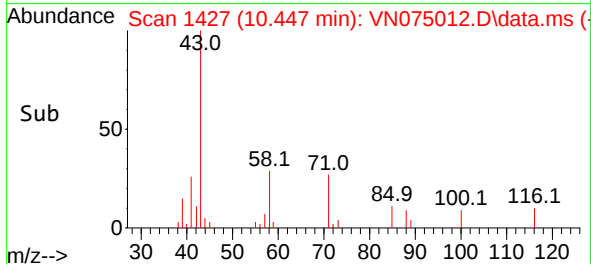
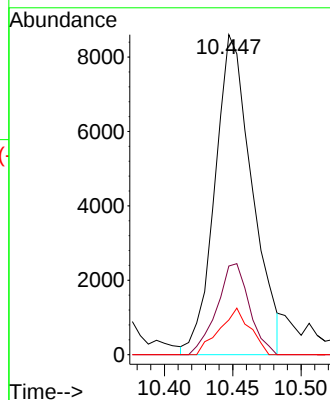
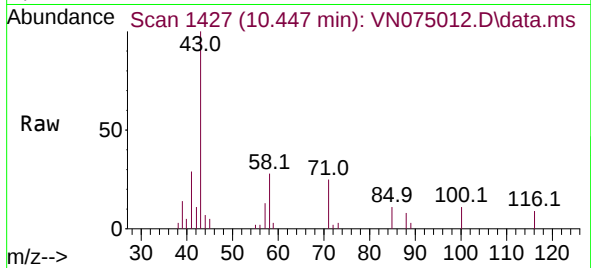




#58
4-Methyl-2-Pentanone
Concen: 7.588 ug/l m
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

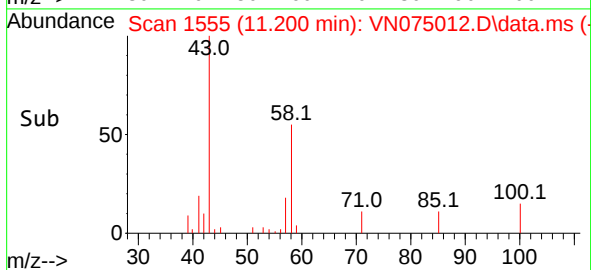
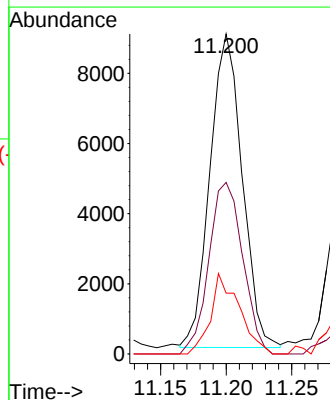
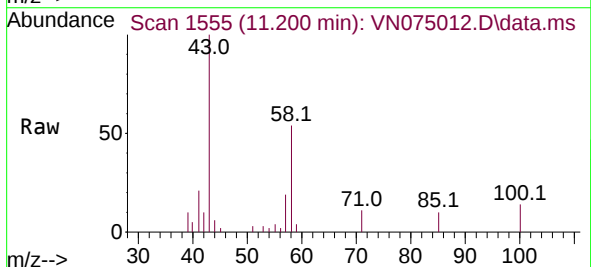
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

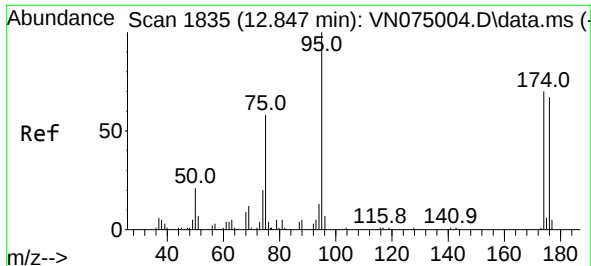
Tgt Ion: 43 Resp: 16297
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#
85 0.0 15.0 22.6#



#59
2-Hexanone
Concen: 9.275 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 43 Resp: 15280
Ion Ratio Lower Upper
43 100
58 57.5 42.2 63.2
57 22.8 15.0 22.4#

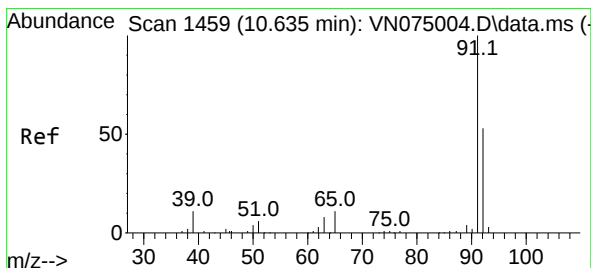
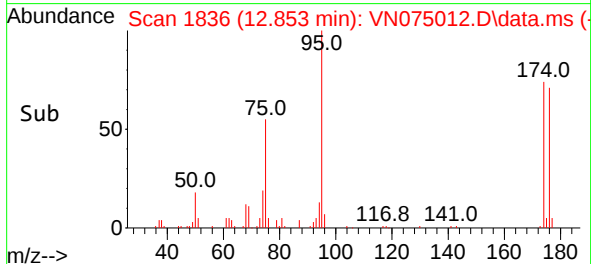
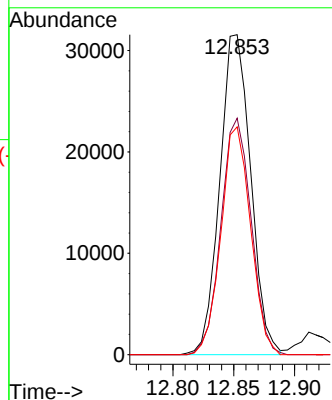
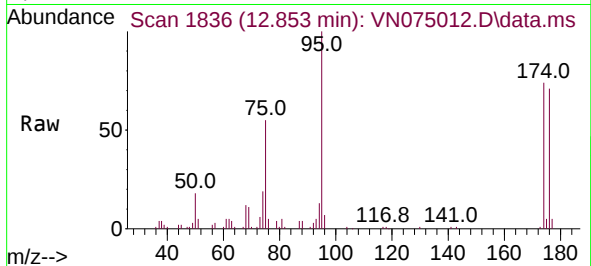




#60
4-Bromofluorobenzene
Concen: 28.542 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

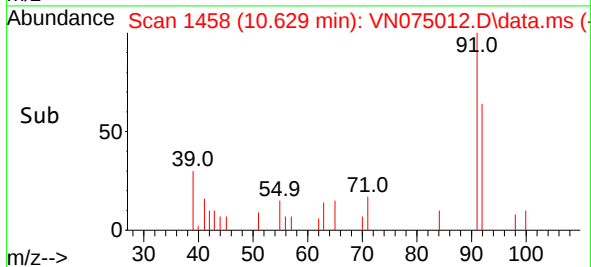
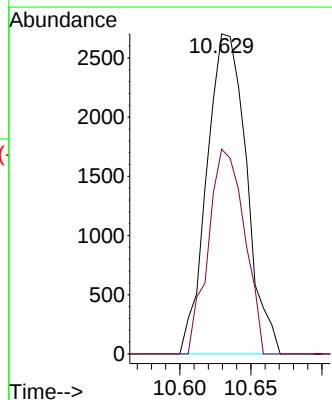
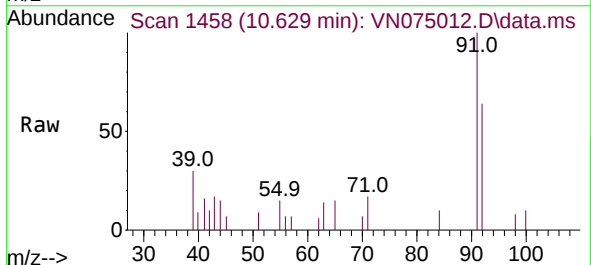
Instrument :
MSVOA_N
ClientSampleId :
EFF-WASTE-WATER

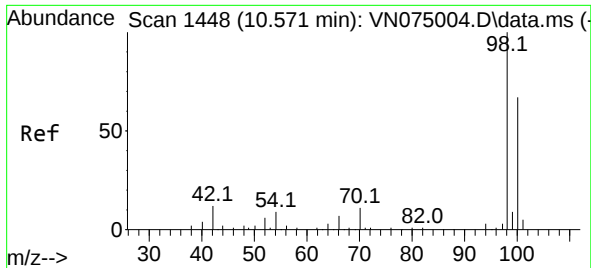
Tgt Ion: 95 Resp: 55838
Ion Ratio Lower Upper
95 100
174 72.0 62.9 94.3
176 68.4 61.0 91.4



#62
Toluene
Concen: 0.813 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075012.D
Acq: 25 Oct 2022 17:17

Tgt Ion: 91 Resp: 5240
Ion Ratio Lower Upper
91 100
92 58.3 44.6 67.0





#63
 Toluene-d8
 Concen: 29.394 ug/l
 RT: 10.571 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN075012.D
 Acq: 25 Oct 2022 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion: 98 Resp: 163689
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.6 76.0

