

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039098.D
 Acq On : 08 Dec 2023 12:05
 Operator : JC/MD
 Sample : 05697-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Dec 08 23:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

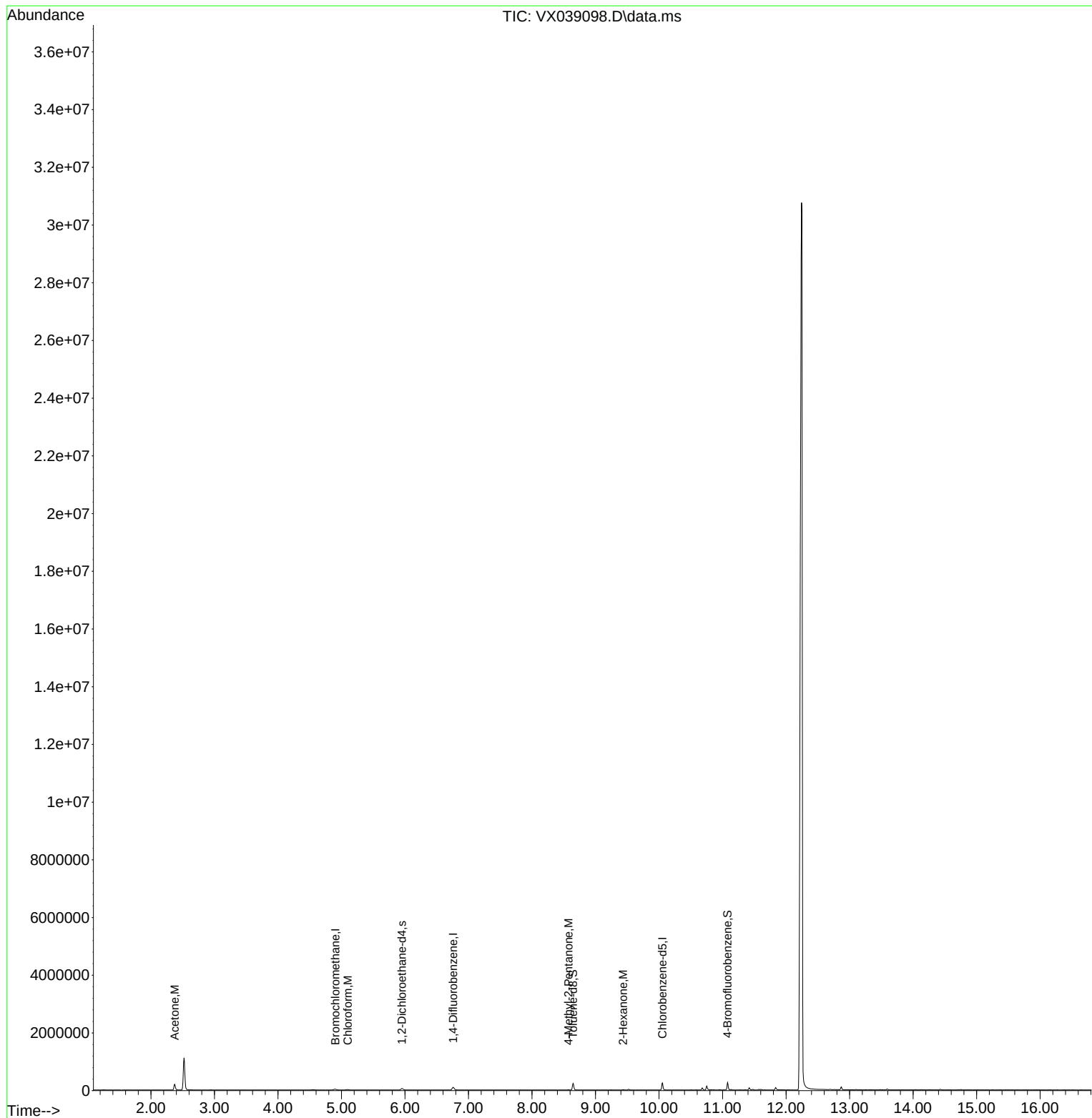
Internal Standards						
1) Bromochloromethane	4.904	128	10989	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90088	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111013	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	45611	30.339	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	11.079	95	70601	29.117	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.067%
63) Toluene-d8	8.647	98	132179	30.116	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%
Target Compounds						
					Qvalue	
15) Acetone	2.373	58	66046	159.353	ug/l	99
25) Chloroform	5.099	83	15206	4.826	ug/l	93
58) 4-Methyl-2-Pentanone	8.574	43	5330	1.583	ug/l	91
59) 2-Hexanone	9.433	43	7130	2.580	ug/l	95

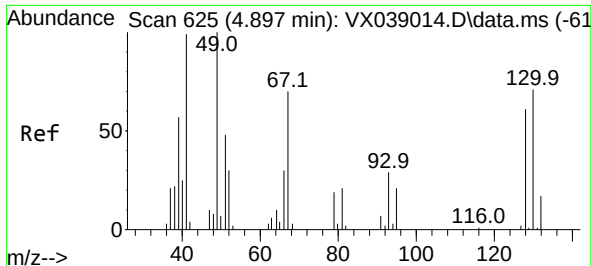
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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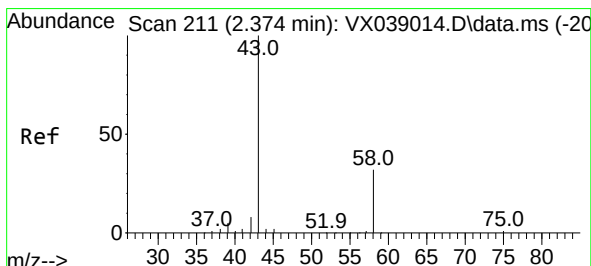
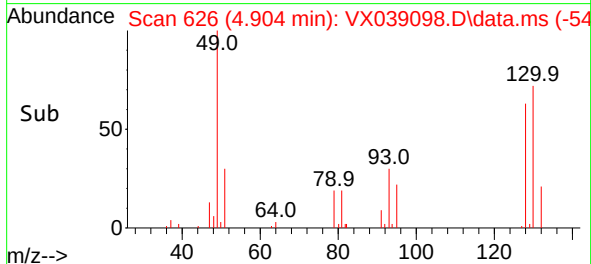
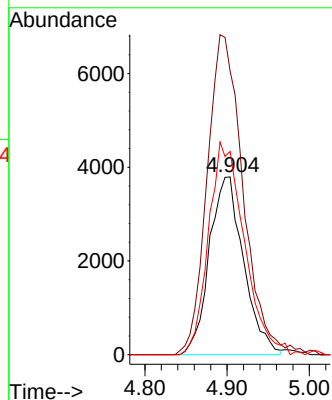
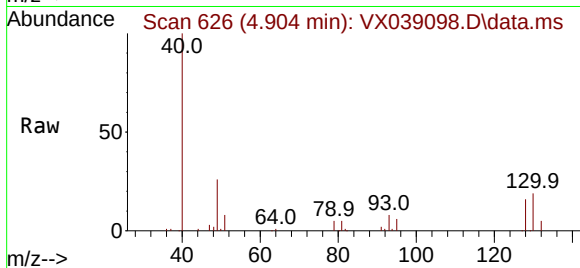




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

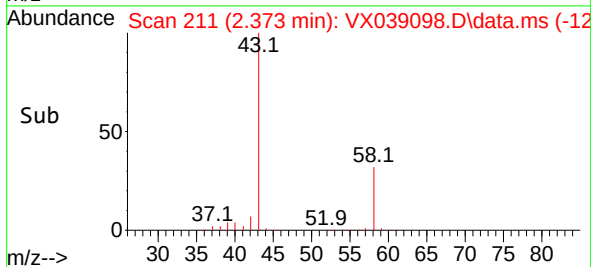
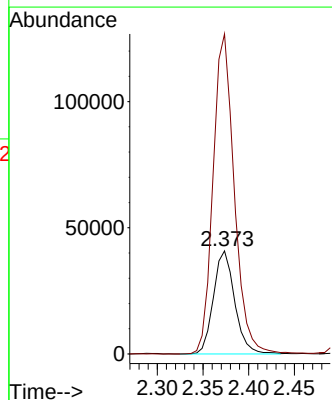
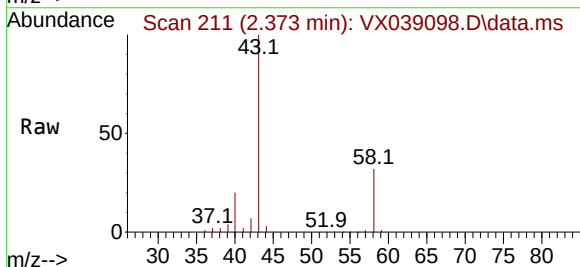
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

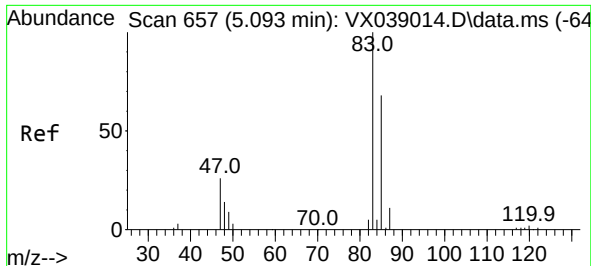
Tgt Ion:128 Resp: 10989
Ion Ratio Lower Upper
128 100
49 187.4 0.0 444.0
130 124.2 0.0 297.8



#15
Acetone
Concen: 159.353 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

Tgt Ion: 58 Resp: 66046
Ion Ratio Lower Upper
58 100
43 310.4 249.9 374.9





#25

Chloroform

Concen: 4.826 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039098.D

Acq: 08 Dec 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

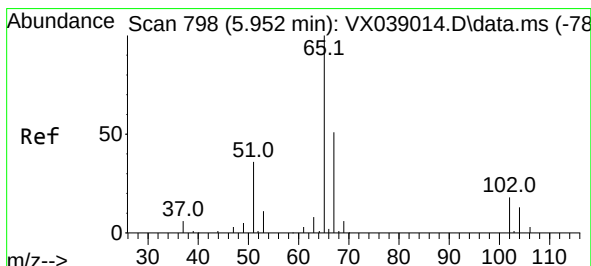
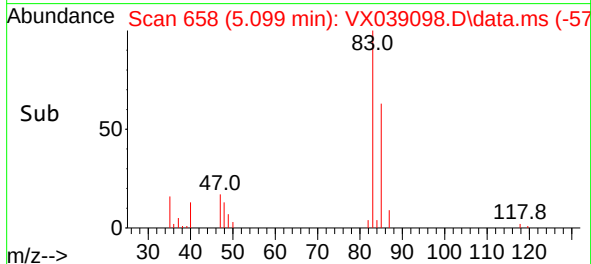
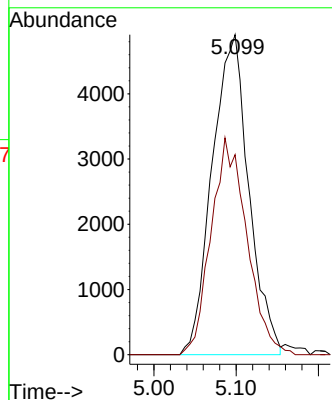
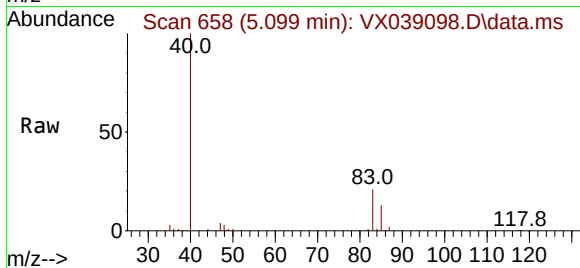
EFF-WW

Tgt Ion: 83 Resp: 15206

Ion Ratio Lower Upper

83 100

85 62.5 54.6 81.8



#27

1,2-Dichloroethane-d4

Concen: 30.339 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039098.D

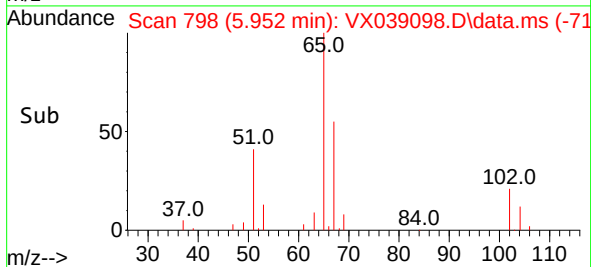
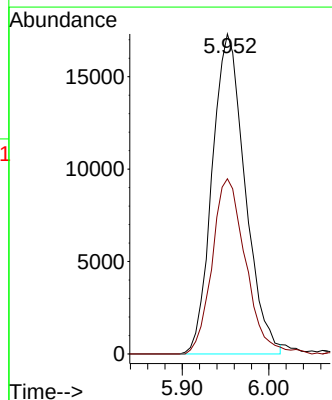
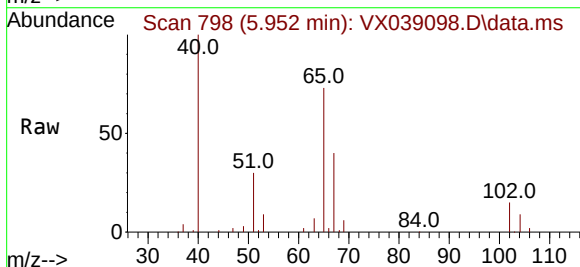
Acq: 08 Dec 2023 12:05

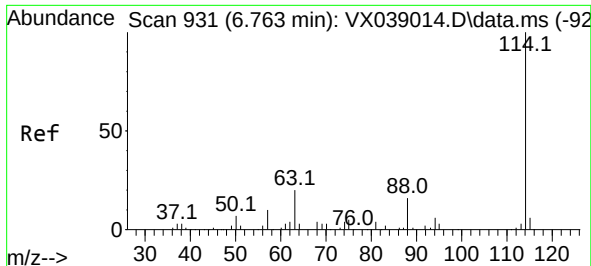
Tgt Ion: 65 Resp: 45611

Ion Ratio Lower Upper

65 100

67 55.3 42.5 63.7

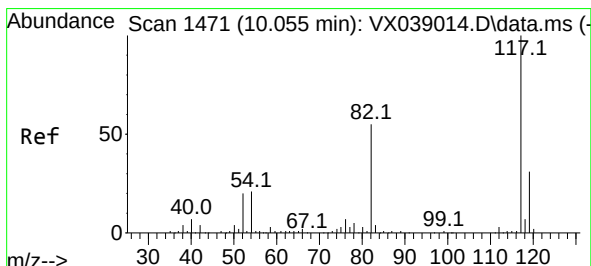
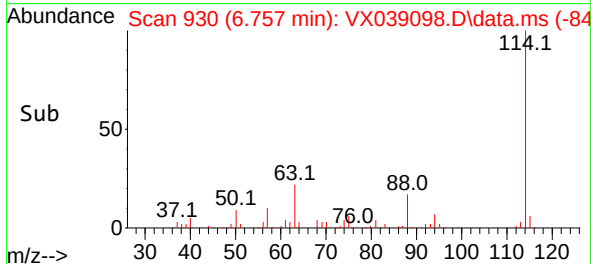
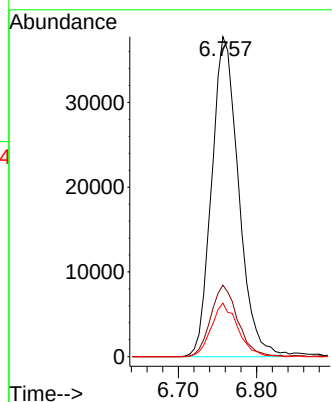
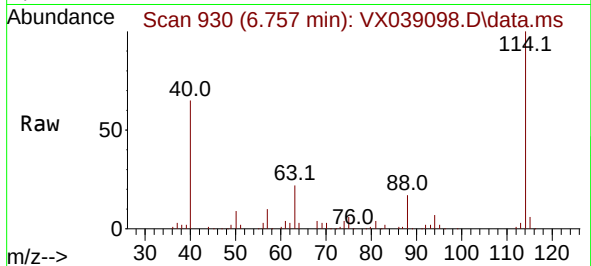




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

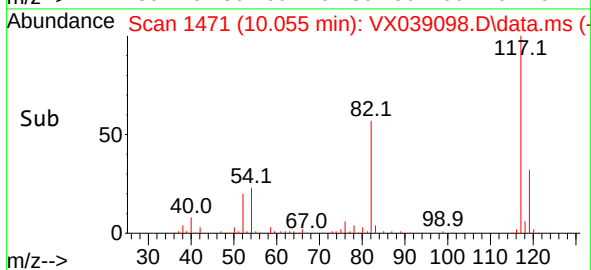
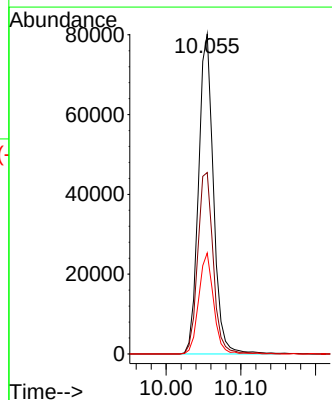
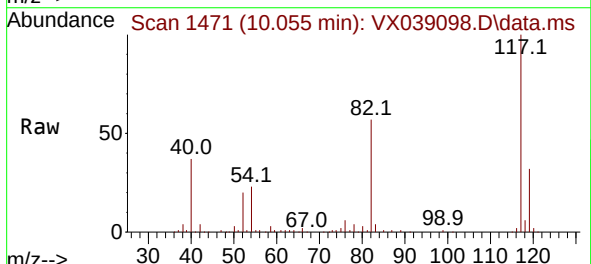
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

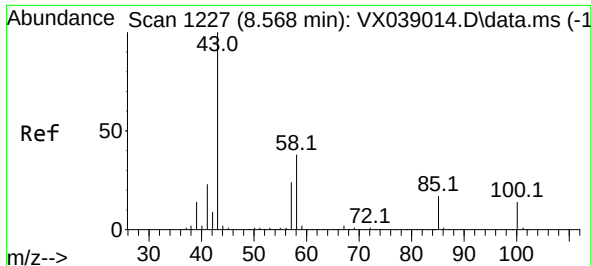
Tgt Ion:114 Resp: 90088
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 16.5 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

Tgt Ion:117 Resp: 111013
Ion Ratio Lower Upper
117 100
82 58.8 47.0 70.6
119 31.2 25.2 37.8





#58

4-Methyl-2-Pentanone

Concen: 1.583 ug/l

RT: 8.574 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039098.D

Acq: 08 Dec 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

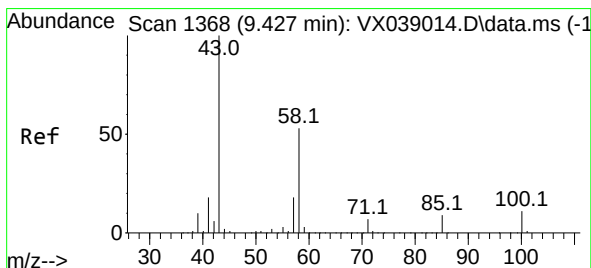
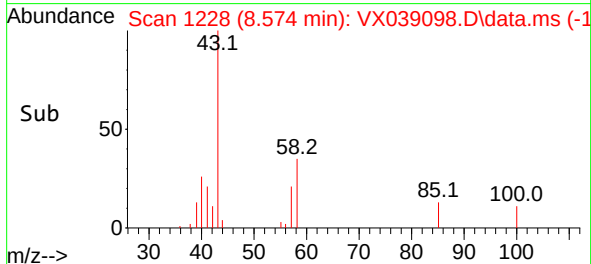
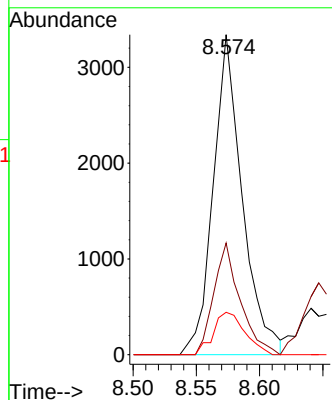
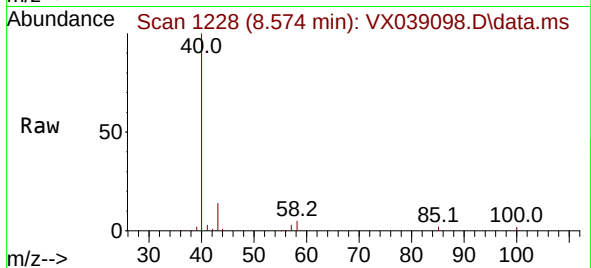
Tgt Ion: 43 Resp: 5330

Ion Ratio Lower Upper

43 100

58 31.7 30.1 45.1

85 14.4 13.9 20.9



#59

2-Hexanone

Concen: 2.580 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039098.D

Acq: 08 Dec 2023 12:05

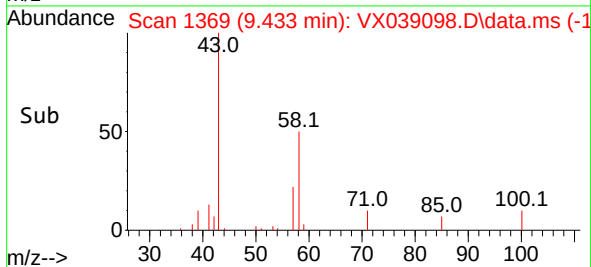
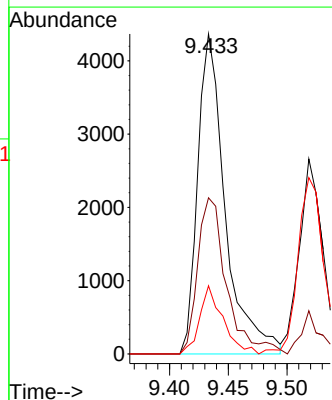
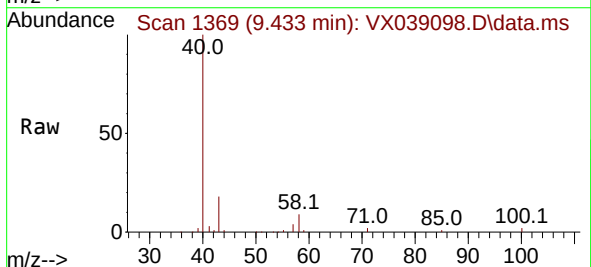
Tgt Ion: 43 Resp: 7130

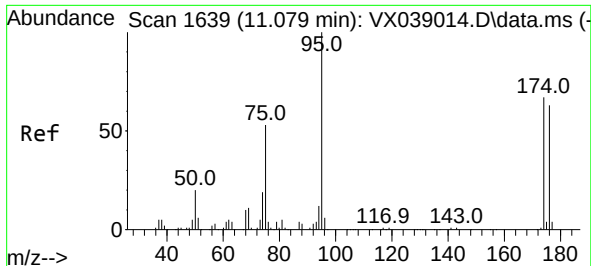
Ion Ratio Lower Upper

43 100

58 49.3 42.7 64.1

57 18.0 14.8 22.2

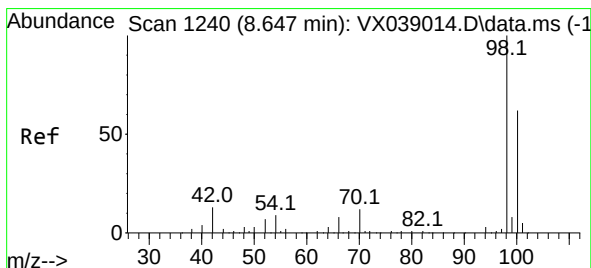
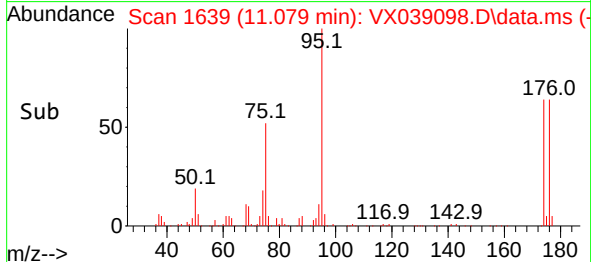
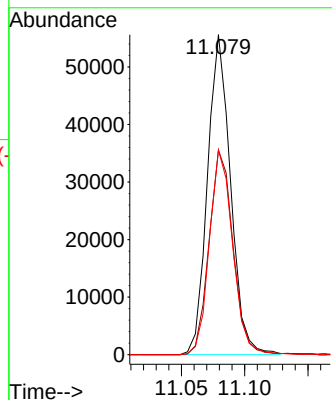
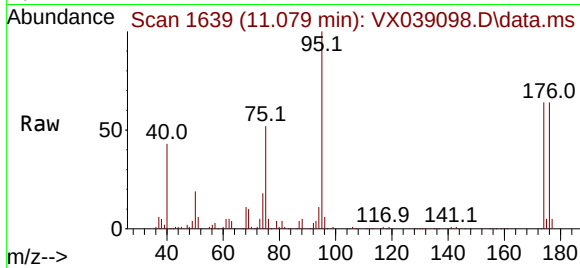




#60
4-Bromofluorobenzene
Concen: 29.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 70601
Ion Ratio Lower Upper
95 100
174 66.1 55.4 83.2
176 64.5 52.6 78.8



#63
Toluene-d8
Concen: 30.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039098.D
Acq: 08 Dec 2023 12:05

Tgt Ion: 98 Resp: 132179
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.4

