

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041547.D
 Acq On : 15 May 2024 18:15
 Operator : JC/MD
 Sample : P2464-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: May 16 05:29:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

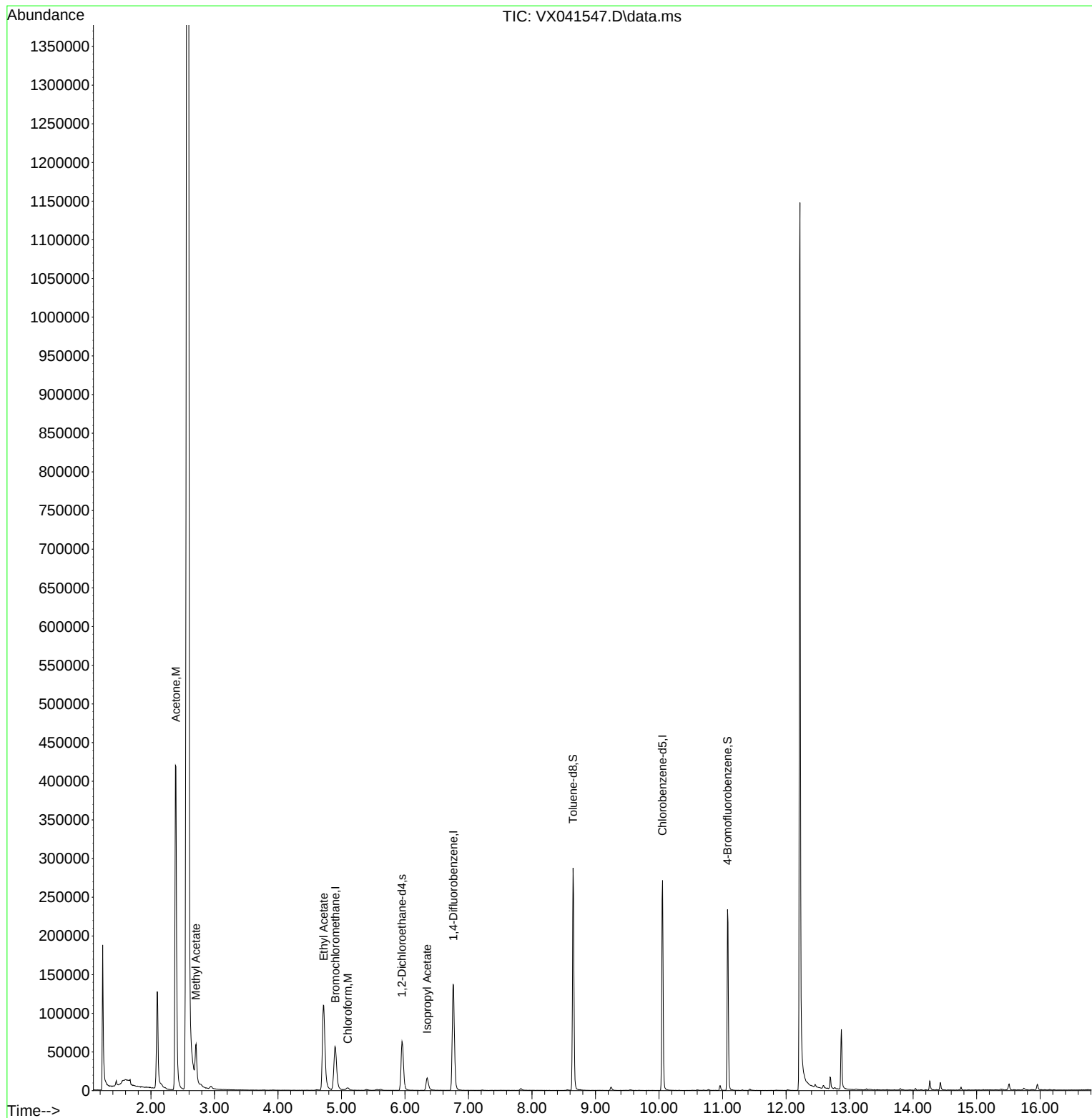
Internal Standards						
1) Bromochloromethane	4.903	128	27046	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	148843	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	132300	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63529	29.828	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.433%
60) 4-Bromofluorobenzene	11.079	95	60235	29.165	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.233%
63) Toluene-d8	8.647	98	170310	30.031	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.100%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	61692	29.603	ug/l	100
15) Acetone	2.392	58	145855	594.124	ug/l	98
25) Chloroform	5.098	83	4113	1.333	ug/l	91
43) Ethyl Acetate	4.720	43	196608	77.969	ug/l	98
44) Isopropyl Acetate	6.348	43	23794	6.242	ug/l	98

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

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041547.D

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Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

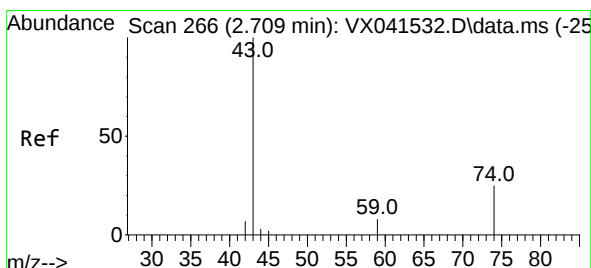
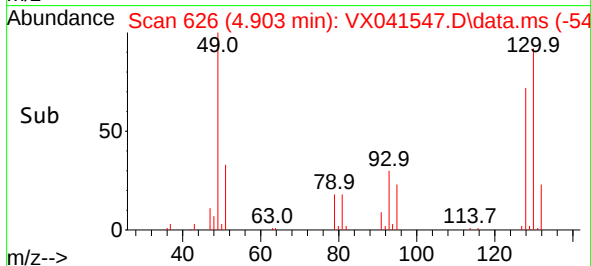
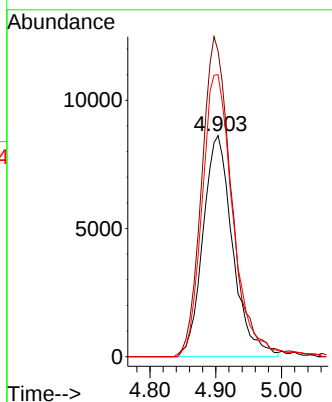
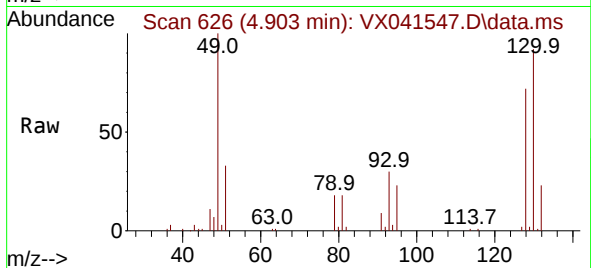
Tgt Ion:128 Resp: 27046

Ion Ratio Lower Upper

128 100

49 144.5 0.0 361.5

130 129.7 0.0 324.3



#12

Methyl Acetate

Concen: 29.603 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041547.D

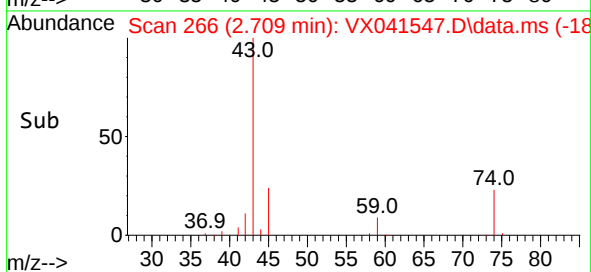
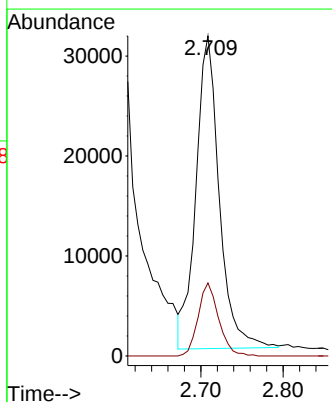
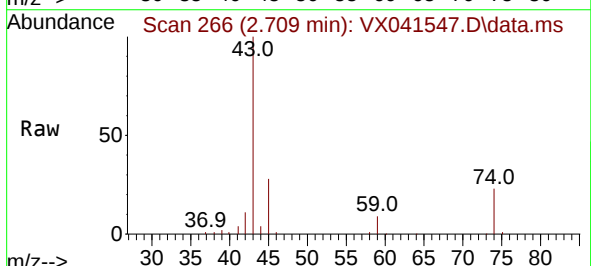
Acq: 15 May 2024 18:15

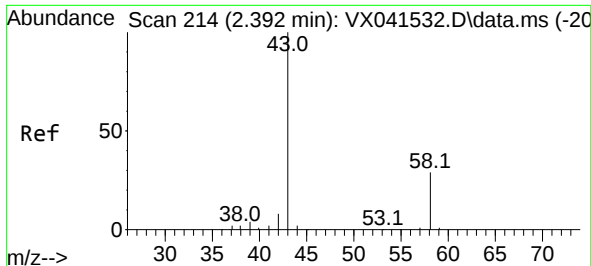
Tgt Ion: 43 Resp: 61692

Ion Ratio Lower Upper

43 100

74 24.8 19.9 29.9

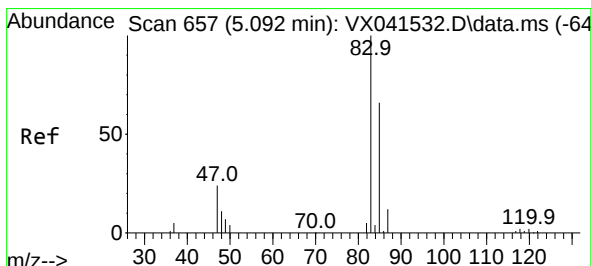
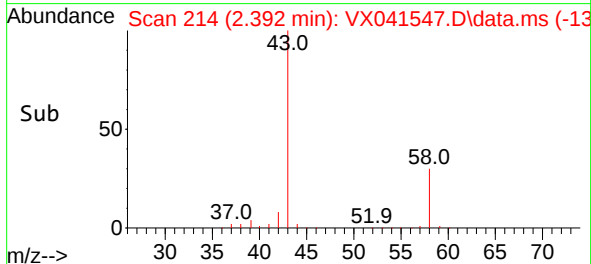
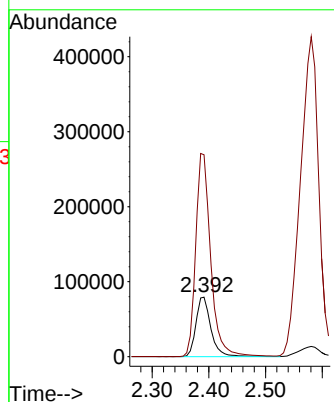
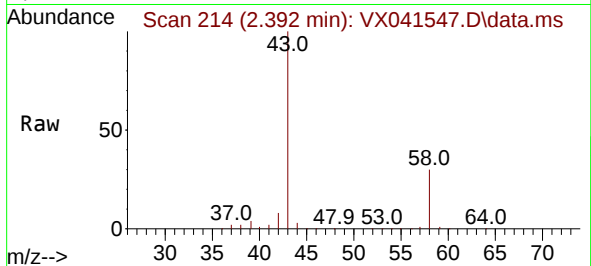




#15
Acetone
Concen: 594.124 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041547.D
Acq: 15 May 2024 18:15

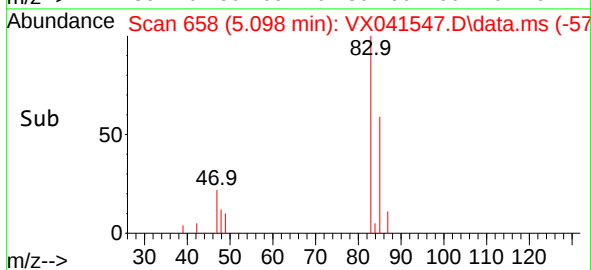
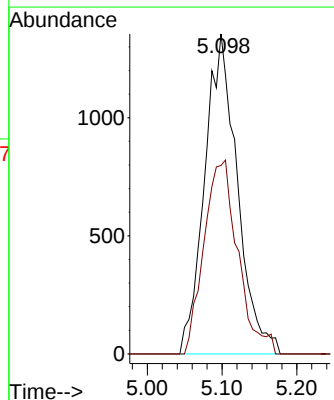
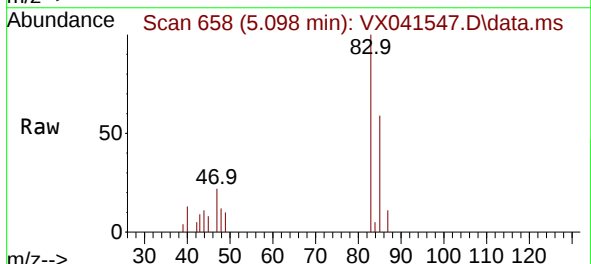
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

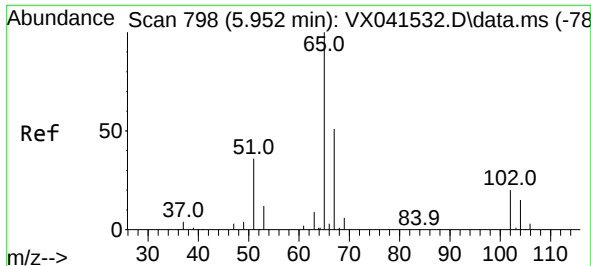
Tgt Ion: 58 Resp: 145855
Ion Ratio Lower Upper
58 100
43 338.6 274.0 411.0



#25
Chloroform
Concen: 1.333 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041547.D
Acq: 15 May 2024 18:15

Tgt Ion: 83 Resp: 4113
Ion Ratio Lower Upper
83 100
85 58.9 52.9 79.3

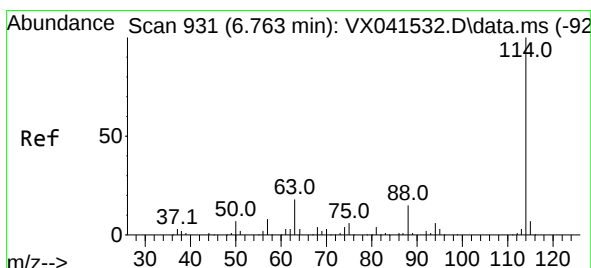
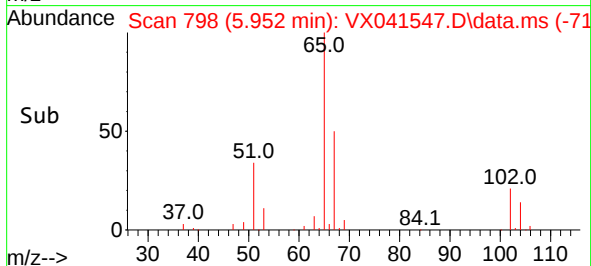
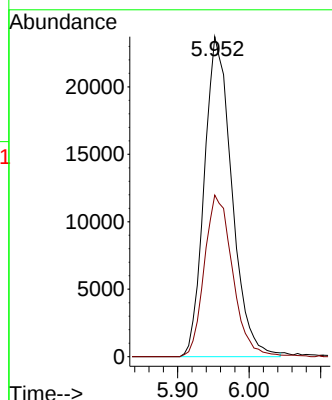
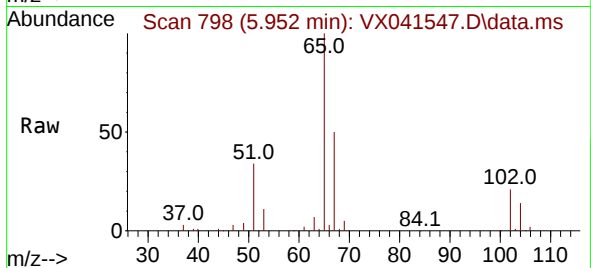




#27
 1,2-Dichloroethane-d4
 Concen: 29.828 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX041547.D
 Acq: 15 May 2024 18:15

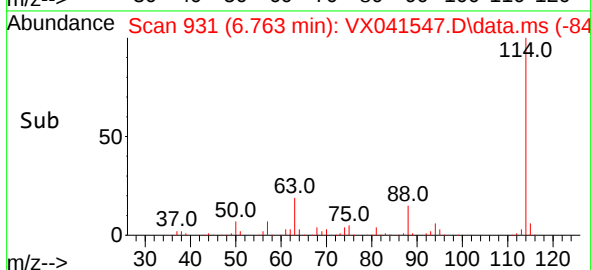
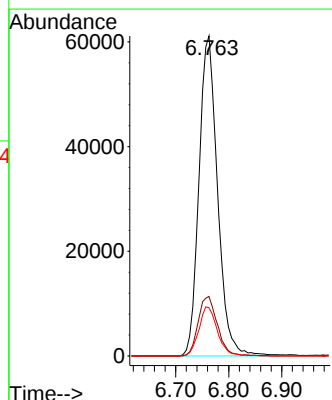
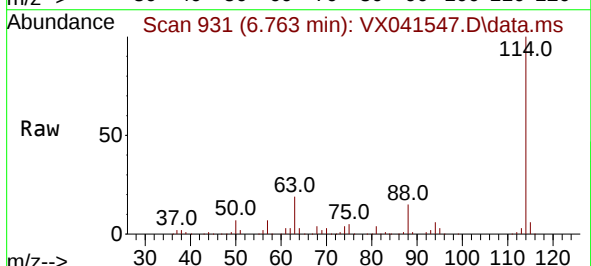
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

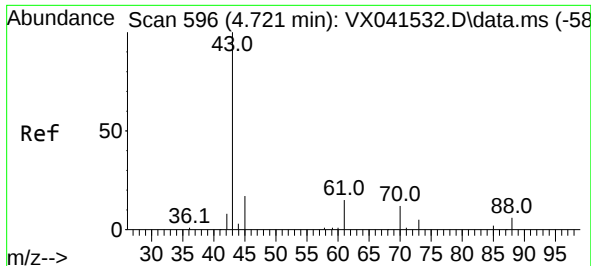
Tgt Ion: 65 Resp: 63529
 Ion Ratio Lower Upper
 65 100
 67 51.6 40.8 61.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX041547.D
 Acq: 15 May 2024 18:15

Tgt Ion: 114 Resp: 148843
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.4 23.0
 88 15.3 12.2 18.2





#43

Ethyl Acetate

Concen: 77.969 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX041547.D

Acq: 15 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

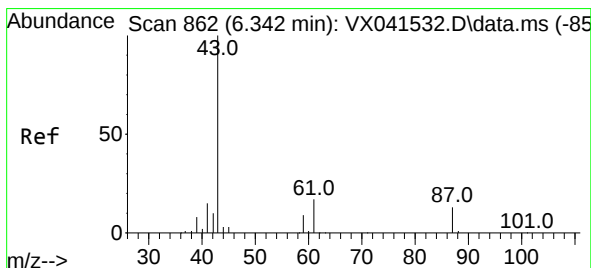
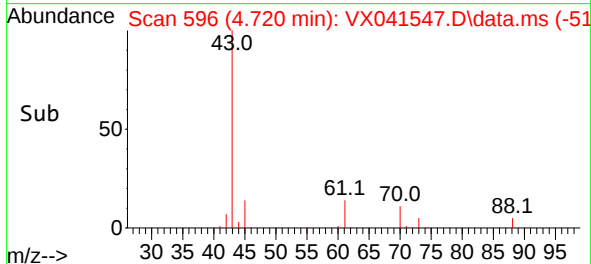
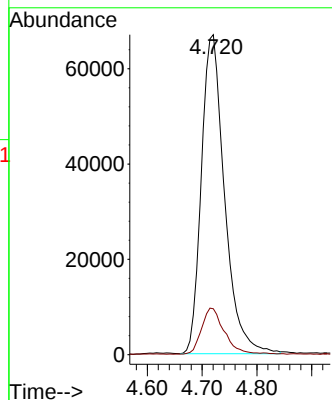
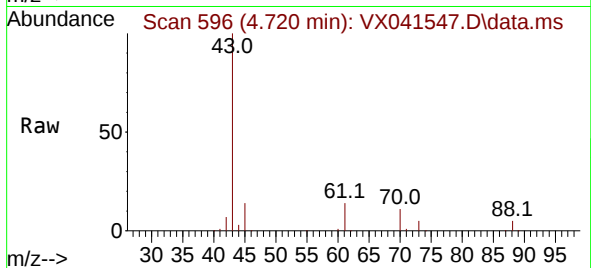
EFF-WW

Tgt Ion: 43 Resp: 196608

Ion Ratio Lower Upper

43 100

45 14.0 11.9 17.9



#44

Isopropyl Acetate

Concen: 6.242 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041547.D

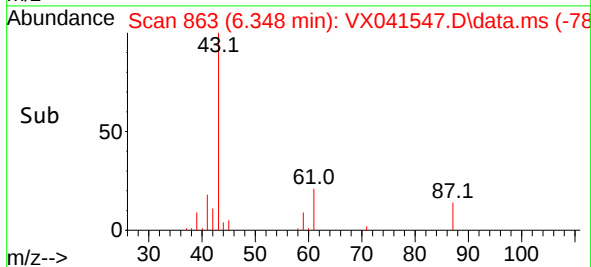
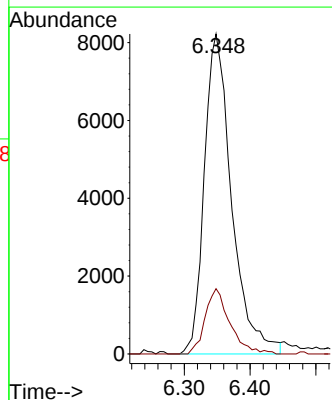
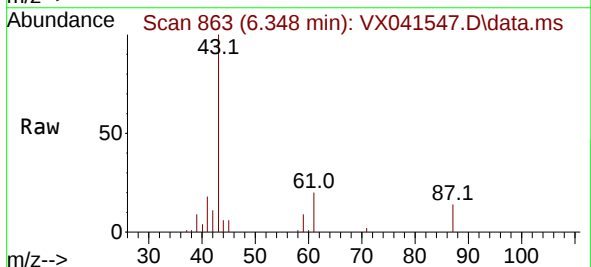
Acq: 15 May 2024 18:15

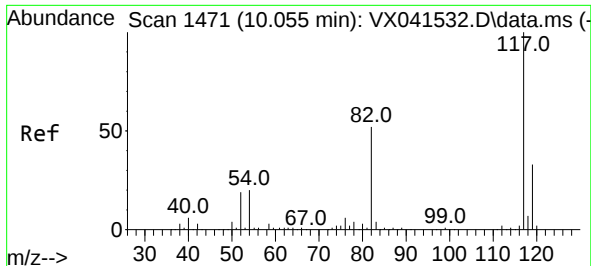
Tgt Ion: 43 Resp: 23794

Ion Ratio Lower Upper

43 100

61 18.1 15.3 22.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041547.D

Acq: 15 May 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

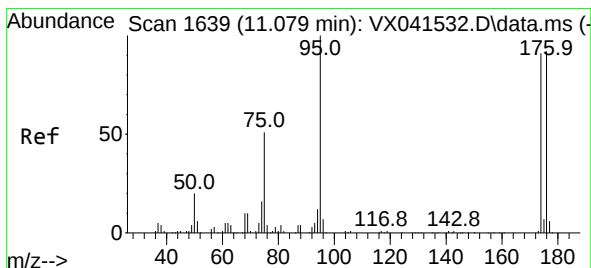
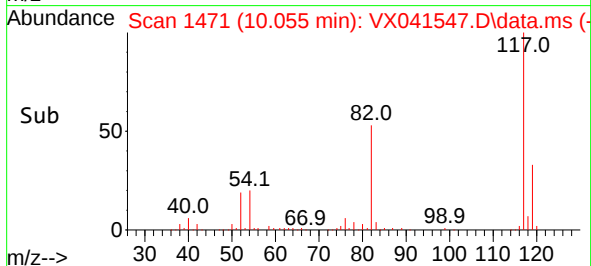
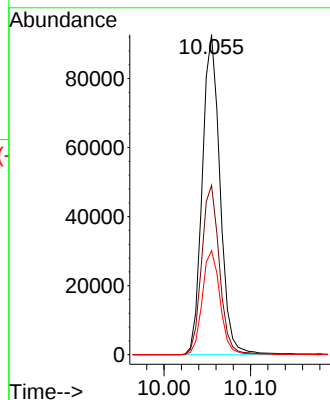
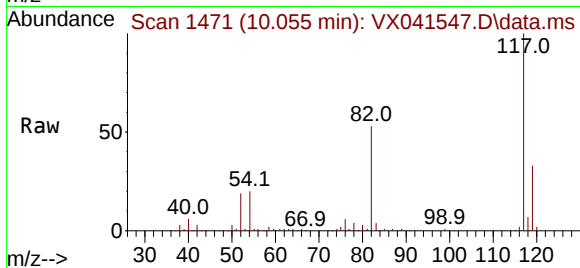
Tgt Ion:117 Resp: 132300

Ion Ratio Lower Upper

117 100

82 53.1 41.7 62.5

119 32.6 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 29.165 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041547.D

Acq: 15 May 2024 18:15

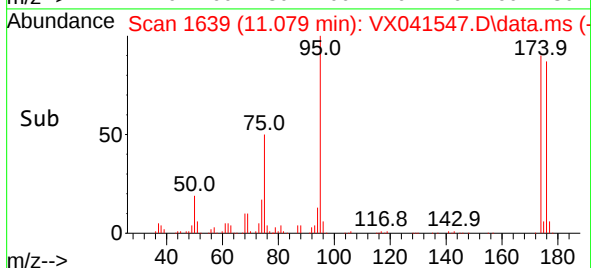
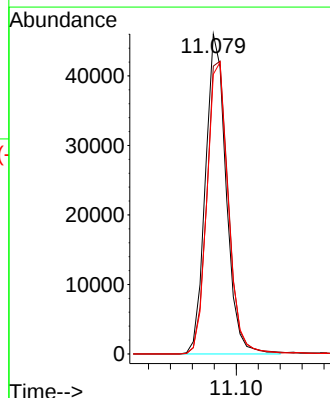
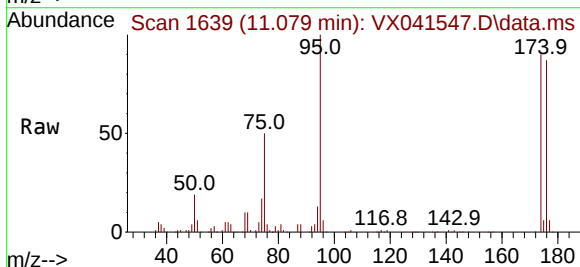
Tgt Ion: 95 Resp: 60235

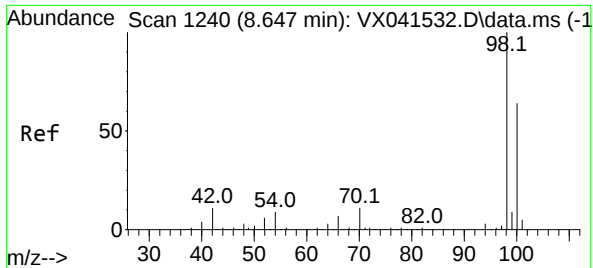
Ion Ratio Lower Upper

95 100

174 95.6 76.6 115.0

176 93.7 75.4 113.0





#63
Toluene-d8
Concen: 30.031 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041547.D
Acq: 15 May 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 170310
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

