

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033885.D
 Acq On : 25 Jan 2023 12:51
 Operator : JC/MD
 Sample : 01228-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jan 26 05:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

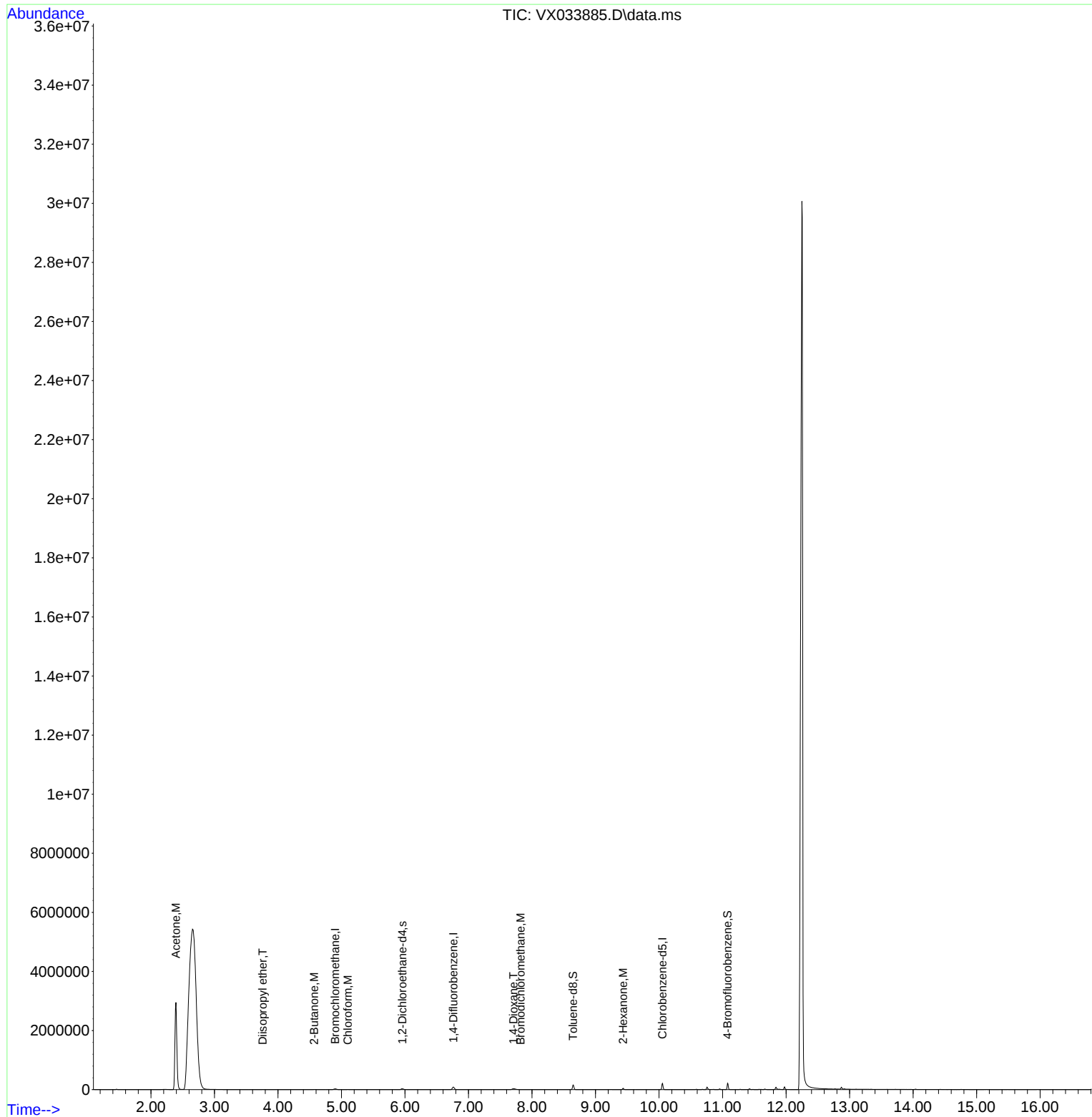
Internal Standards						
1) Bromochloromethane	4.897	128	13824	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	94308	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103276	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31296	29.254	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.500%
60) 4-Bromofluorobenzene	11.079	95	55376	29.993	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.967%
63) Toluene-d8	8.647	98	98106	29.774	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.233%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1283413	6110.653	ug/l	89
20) Diisopropyl ether	3.757	45	3910	0.899	ug/l #	70
25) Chloroform	5.099	83	5869	2.453	ug/l	89
30) 2-Butanone	4.568	43	7724	7.718	ug/l #	78
41) Bromodichloromethane	7.818	83	716	0.401	ug/l #	84
45) 1,4-Dioxane	7.708	88	50013	1626.766	ug/l #	91
59) 2-Hexanone	9.433	43	27054	19.396	ug/l	98

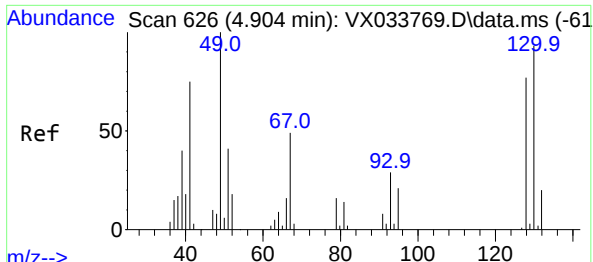
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 18 14:40:07 2023
Response via : Initial Calibration

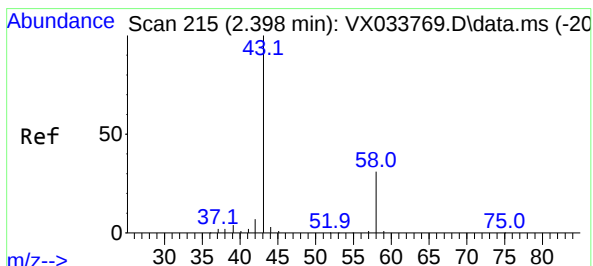
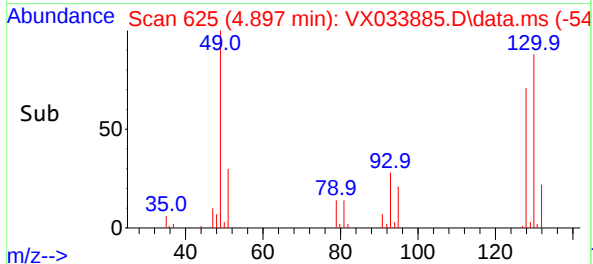
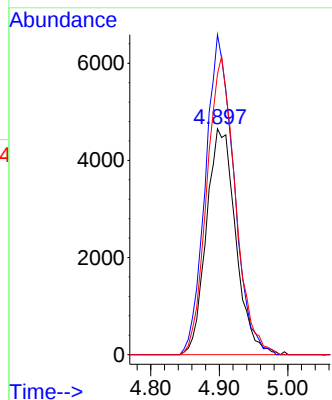
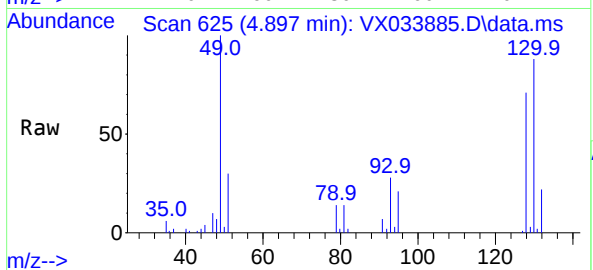




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

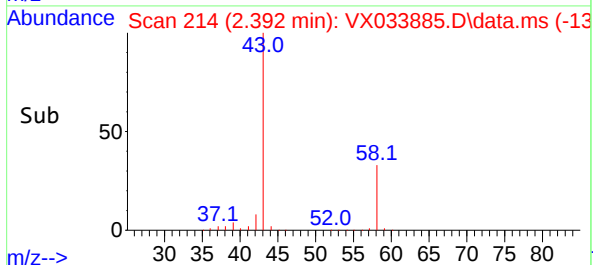
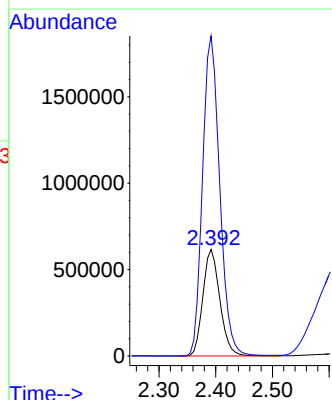
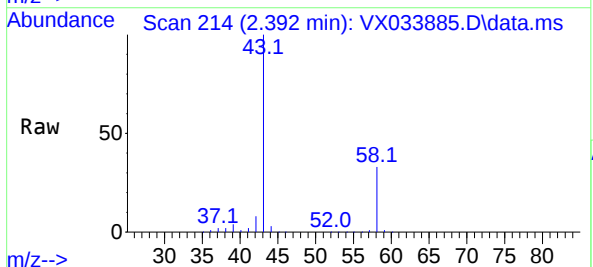
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

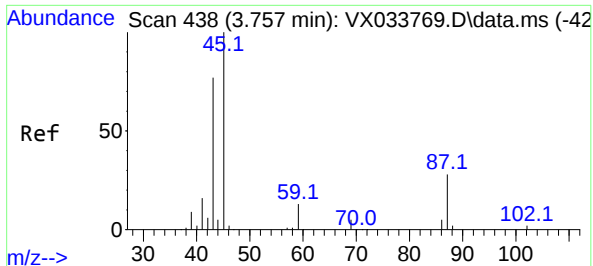
Tgt Ion:128 Resp: 13824
Ion Ratio Lower Upper
128 100
49 136.8 0.0 369.0
130 128.6 0.0 327.5



#15
Acetone
Concen: 6110.653 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Tgt Ion: 58 Resp: 1283413
Ion Ratio Lower Upper
58 100
43 300.4 258.6 388.0

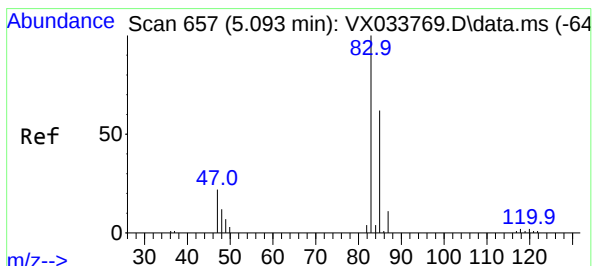
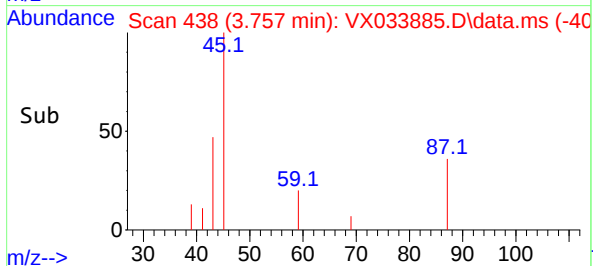
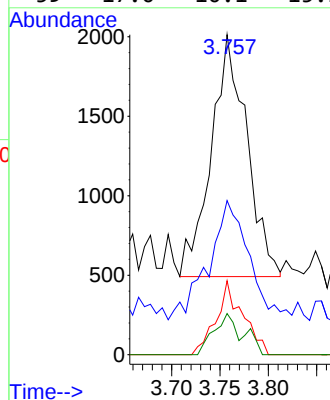
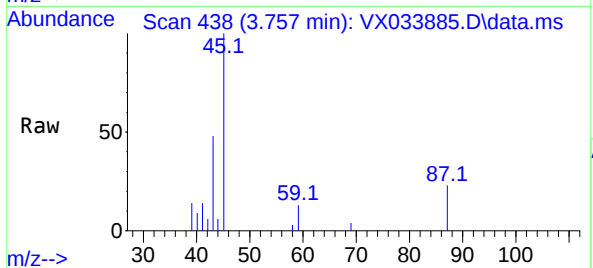




#20
Diisopropyl ether
Concen: 0.899 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

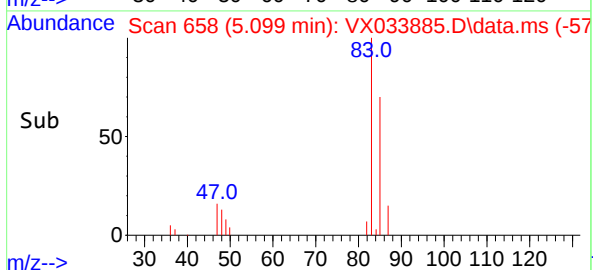
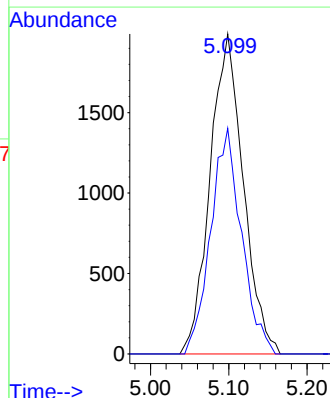
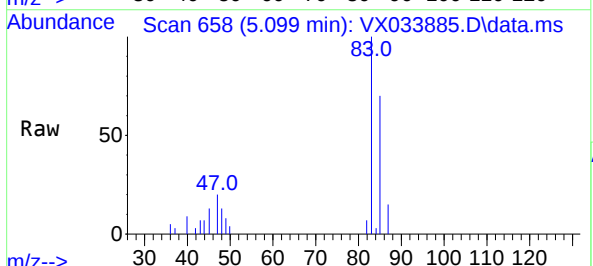
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

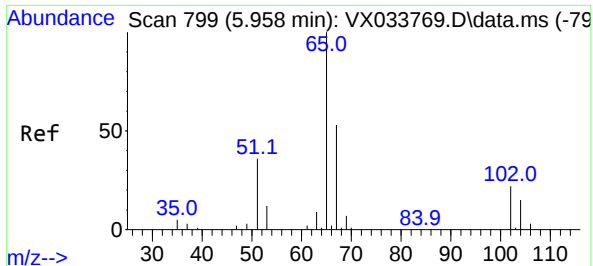
Tgt Ion:	45	Resp:	3910
Ion	Ratio	Lower	Upper
45	100		
43	45.9	66.6	99.8#
87	30.6	22.3	33.5
59	17.0	10.1	15.1#



#25
Chloroform
Concen: 2.453 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Tgt Ion:	83	Resp:	5869
Ion	Ratio	Lower	Upper
83	100		
85	70.5	49.7	74.5





#27
1,2-Dichloroethane-d4
Concen: 29.254 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

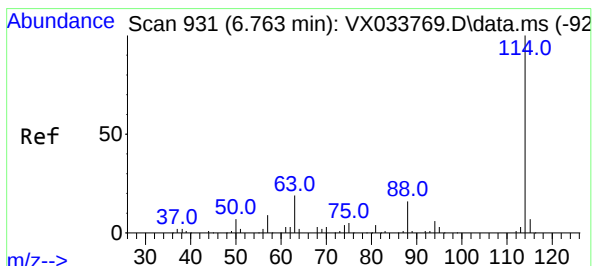
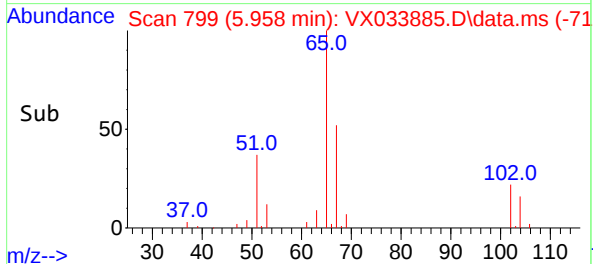
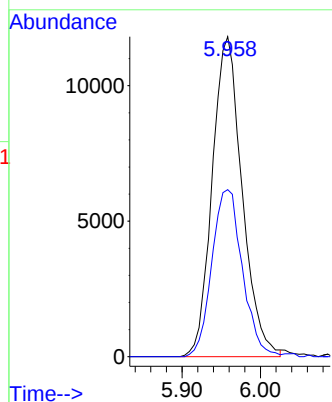
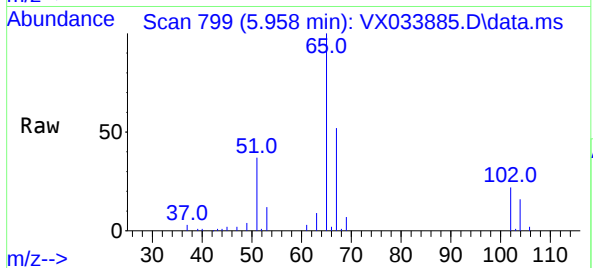
Instrument :

MSVOA_X

ClientSampleId :

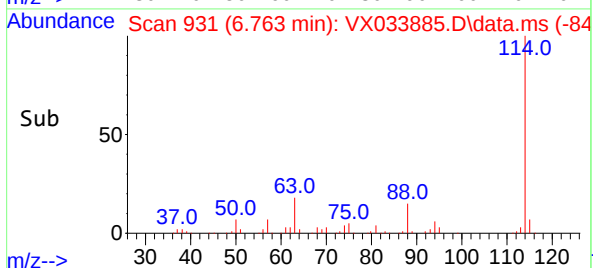
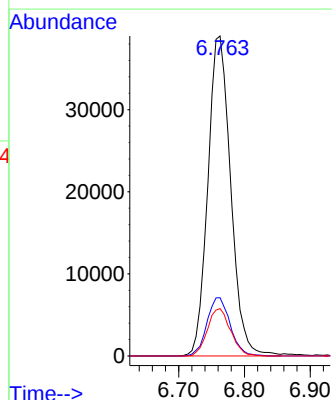
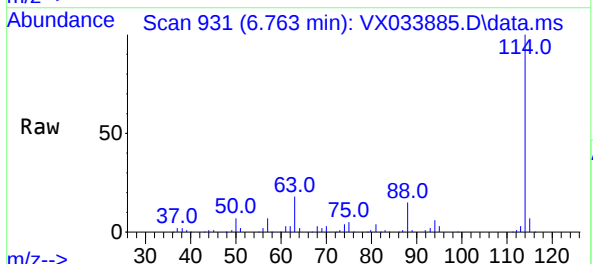
EFF-WW

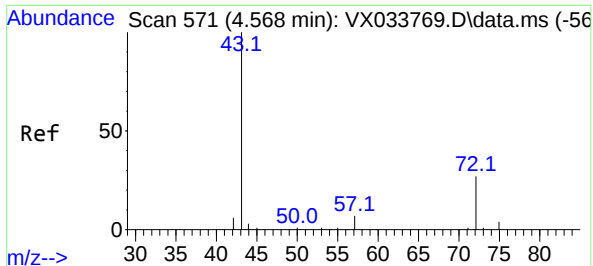
Tgt Ion: 65 Resp: 31296
Ion Ratio Lower Upper
65 100
67 53.3 43.0 64.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Tgt Ion: 114 Resp: 94308
Ion Ratio Lower Upper
114 100
63 18.5 15.2 22.8
88 15.0 12.4 18.6

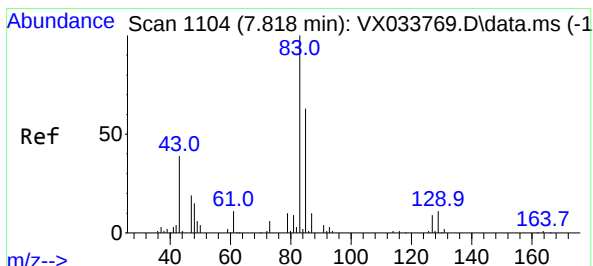
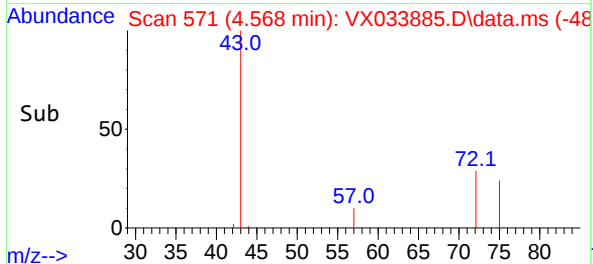
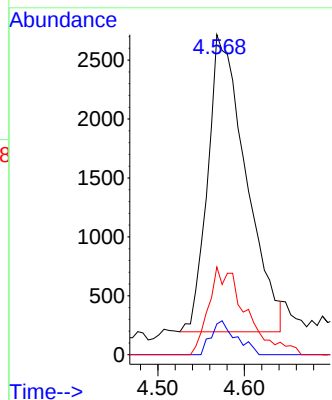
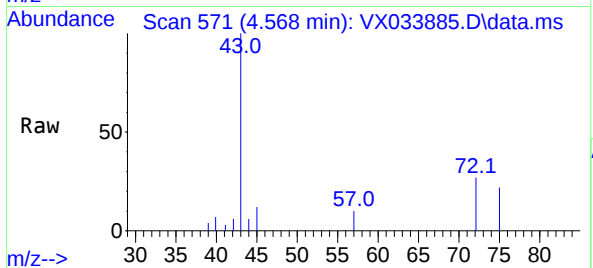




#30
2-Butanone
Concen: 7.718 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

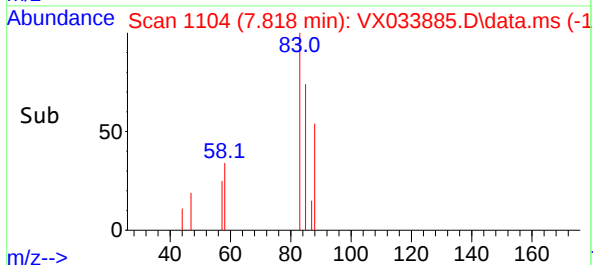
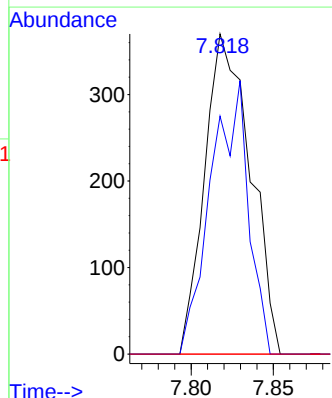
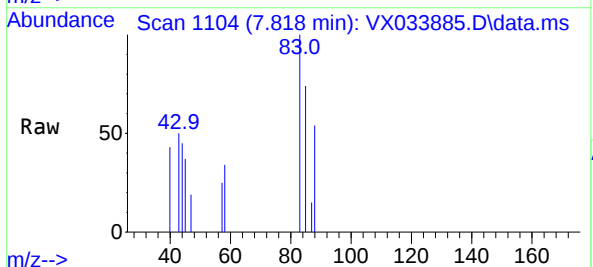
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

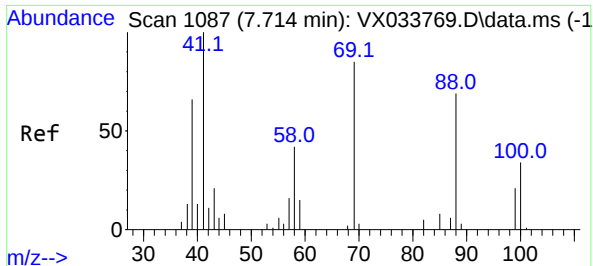
Tgt Ion: 43 Resp: 7724
Ion Ratio Lower Upper
43 100
57 7.5 6.0 9.0
72 11.5 20.6 30.8#



#41
Bromodichloromethane
Concen: 0.401 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Tgt Ion: 83 Resp: 716
Ion Ratio Lower Upper
83 100
85 74.3 50.5 75.7
127 0.0 7.2 10.8#

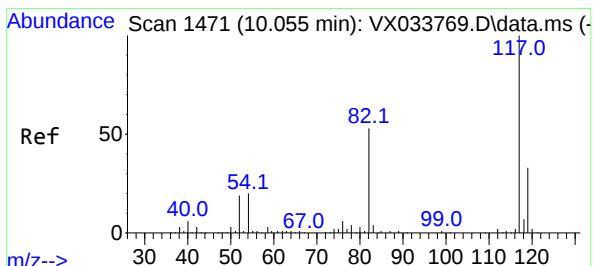
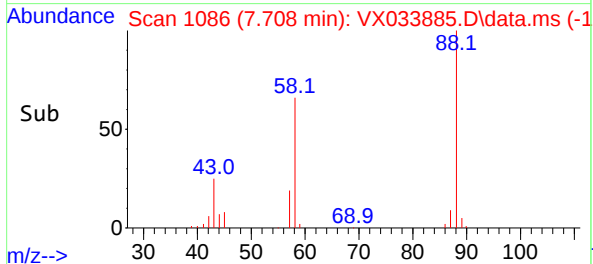
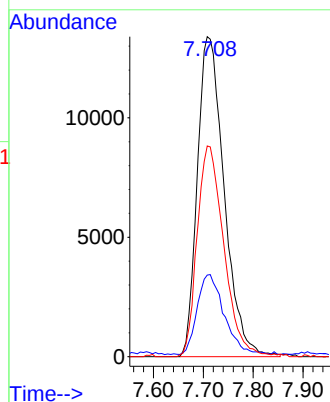
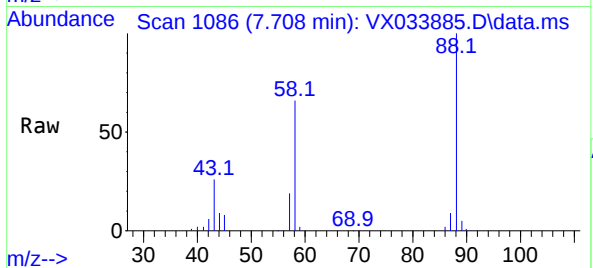




#45
1,4-Dioxane
Concen: 1626.766 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

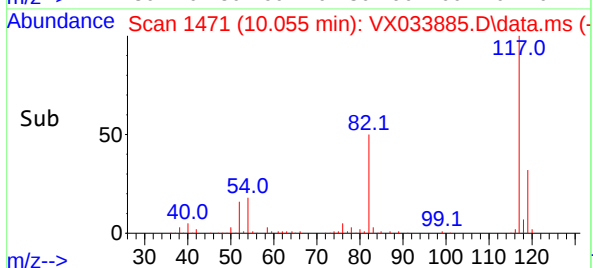
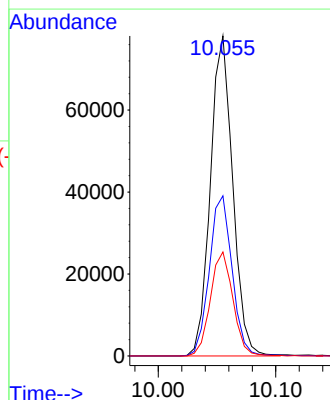
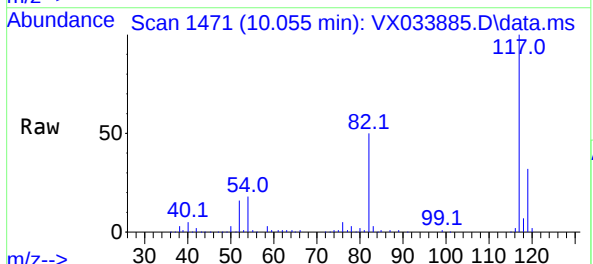
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

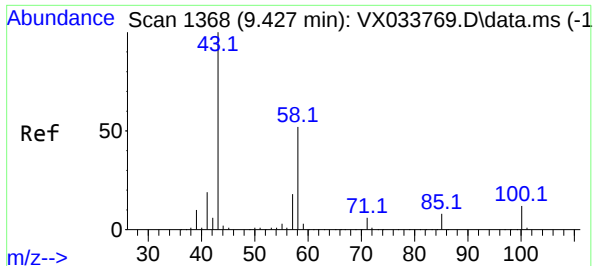
Tgt Ion: 88 Resp: 50013
Ion Ratio Lower Upper
88 100
43 25.1 2.8 4.2#
58 65.4 56.5 84.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Tgt Ion: 117 Resp: 103276
Ion Ratio Lower Upper
117 100
82 51.1 42.6 64.0
119 32.8 26.4 39.6





#59

2-Hexanone

Concen: 19.396 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033885.D

Acq: 25 Jan 2023 12:51

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

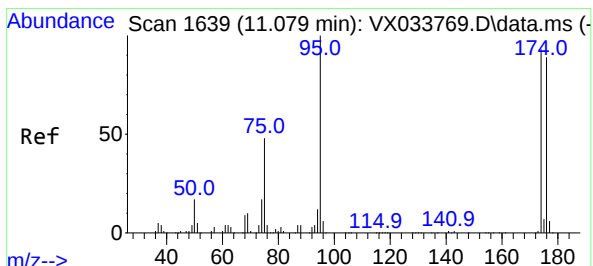
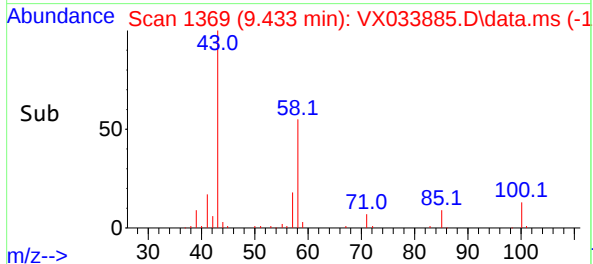
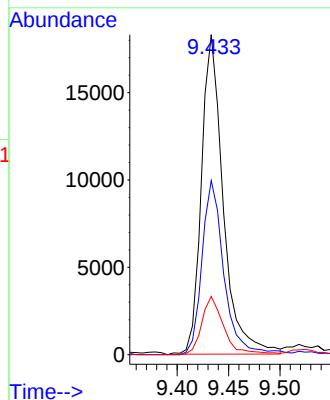
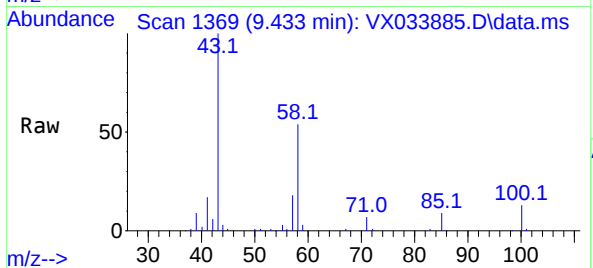
Tgt Ion: 43 Resp: 27054

Ion Ratio Lower Upper

43 100

58 54.1 41.6 62.4

57 18.5 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 29.993 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033885.D

Acq: 25 Jan 2023 12:51

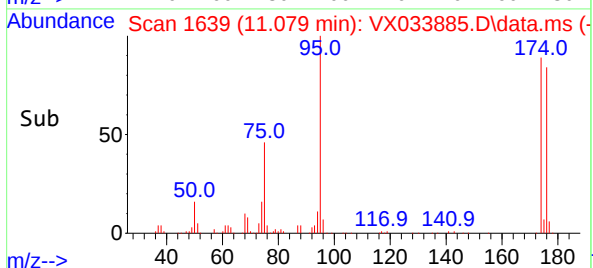
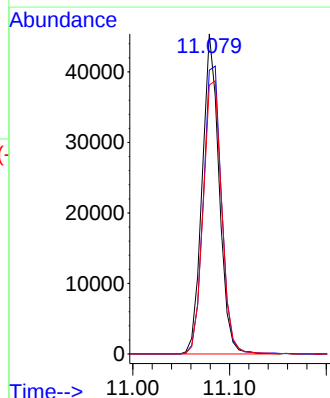
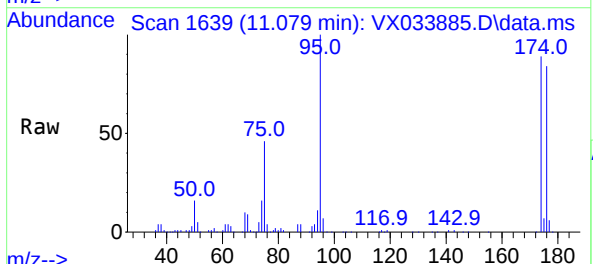
Tgt Ion: 95 Resp: 55376

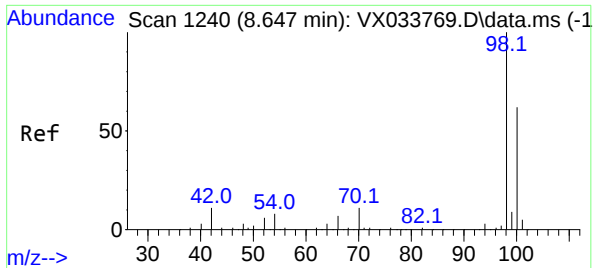
Ion Ratio Lower Upper

95 100

174 96.2 74.6 111.8

176 93.3 72.2 108.2





#63
Toluene-d8
Concen: 29.774 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033885.D
Acq: 25 Jan 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 98106
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1

