

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002689.D
 Acq On : 18 Jun 2018 19:41
 Operator : JC/MD
 Sample : J3534-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jun 19 10:53:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	42056	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	232712	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	204794	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	95793	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	11.14	95	94846	28.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.47%
63) Toluene-d8	8.72	98	265799	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

Target Compounds

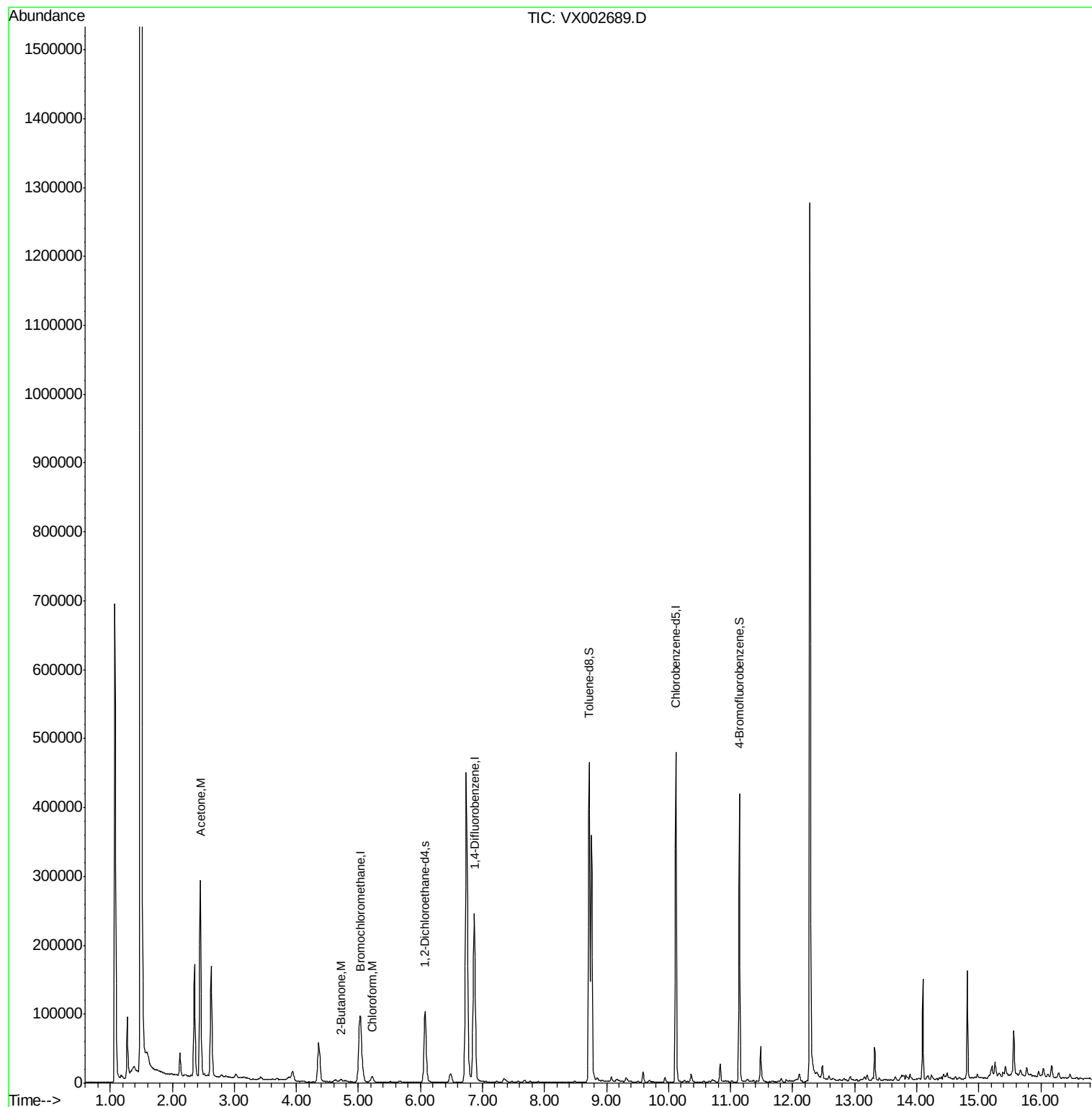
					Ovalue
15) Acetone	2.45	58	88225	239.18	ug/l 95
25) Chloroform	5.22	83	8882	2.04	ug/l 92
30) 2-Butanone	4.72	43	5541	3.08	ug/l # 92

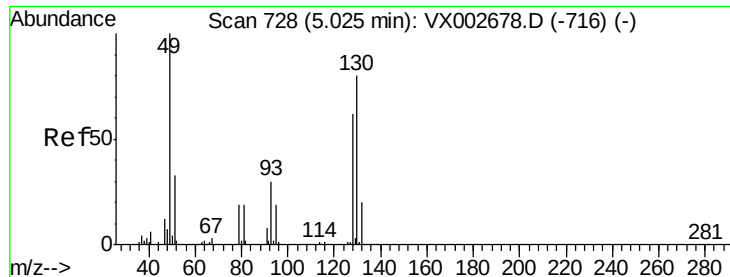
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

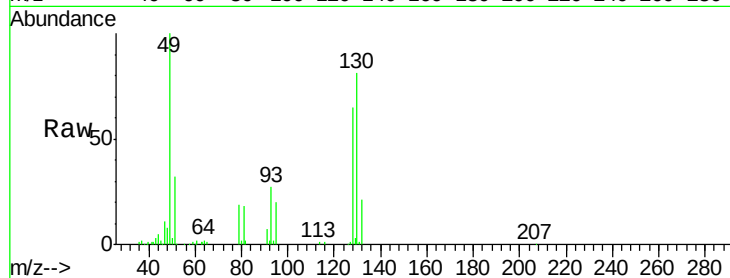
Tot Ion:128 Resp: 42056

Ion Ratio Lower Upper

128 100

49 155.5 0.0 423.0

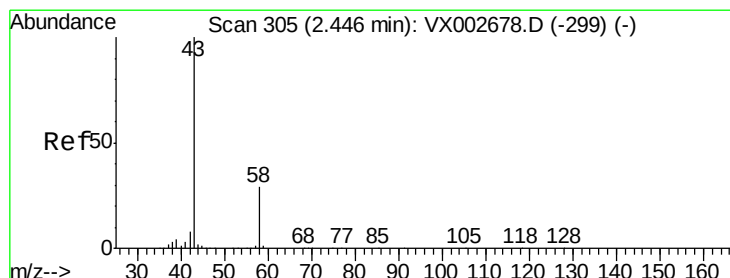
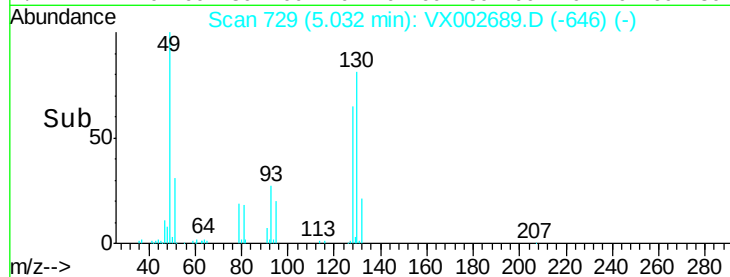
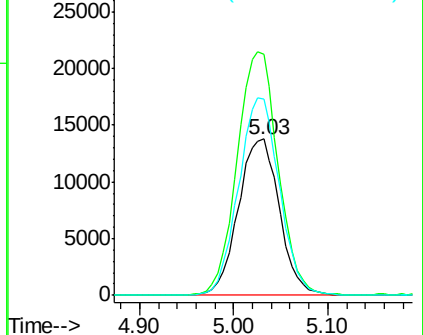
130 125.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 239.18 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX002689.D

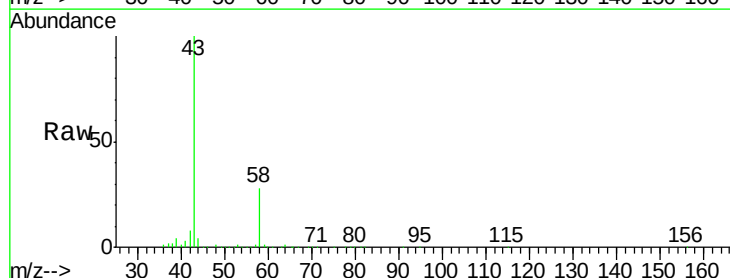
Acq: 18 Jun 2018 19:41

Tgt Ion: 58 Resp: 88225

Ion Ratio Lower Upper

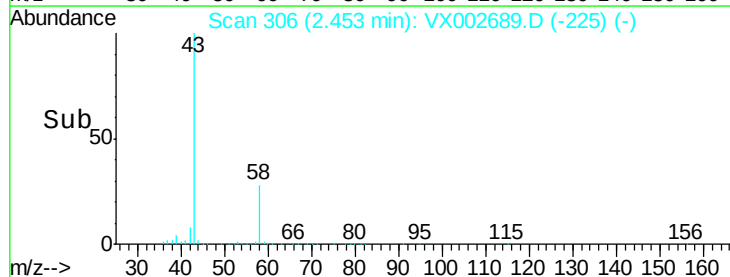
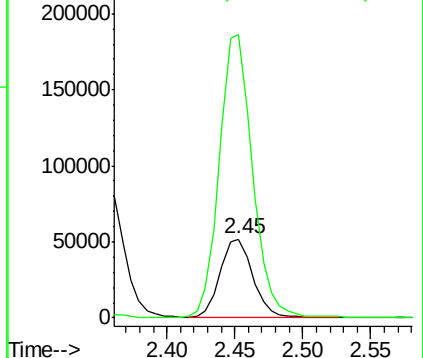
58 100

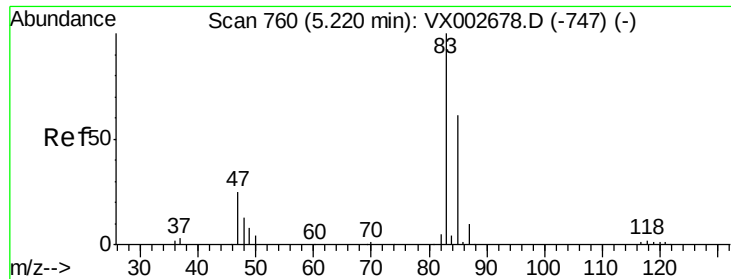
43 358.7 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

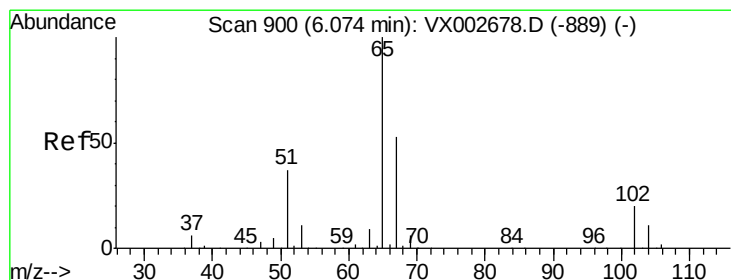
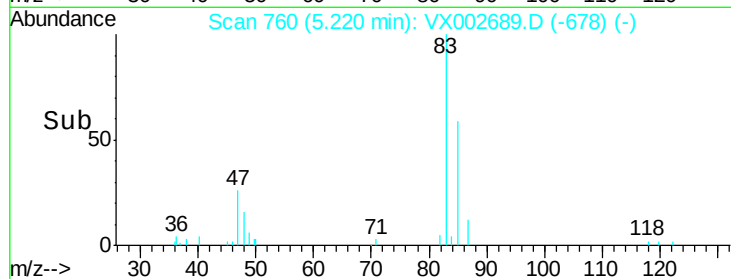
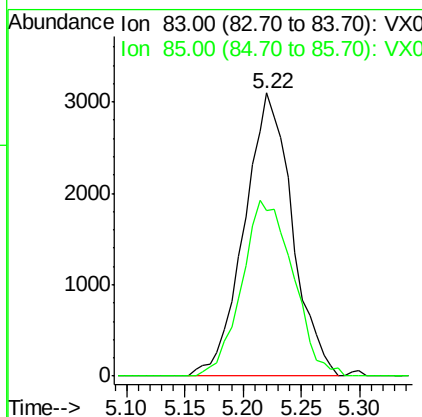
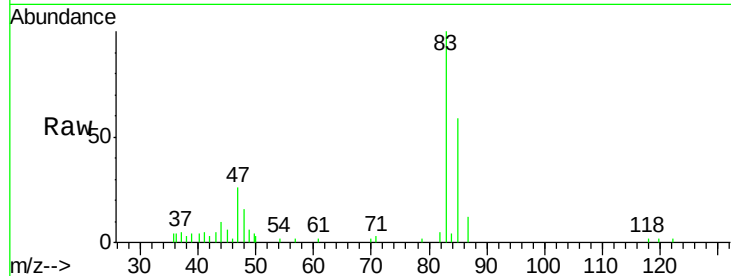




#25
Chloroform
Concen: 2.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

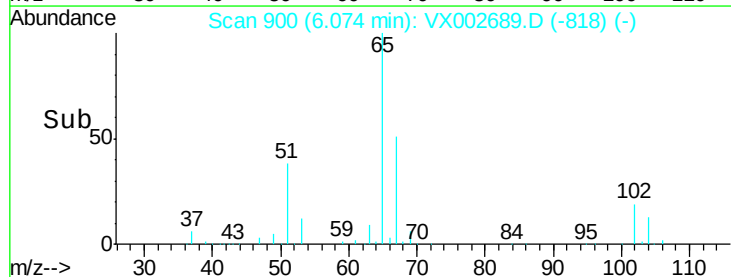
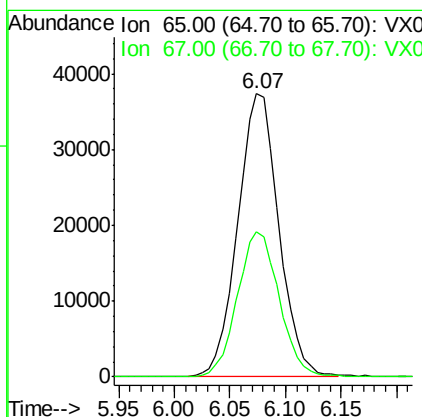
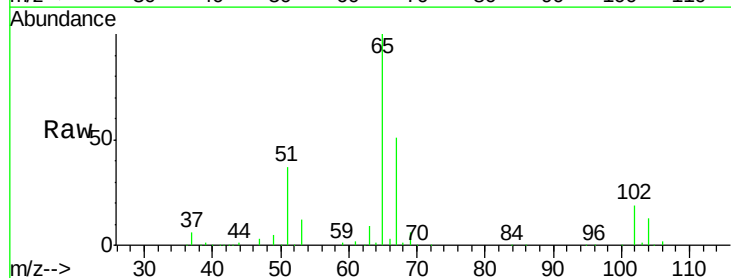
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

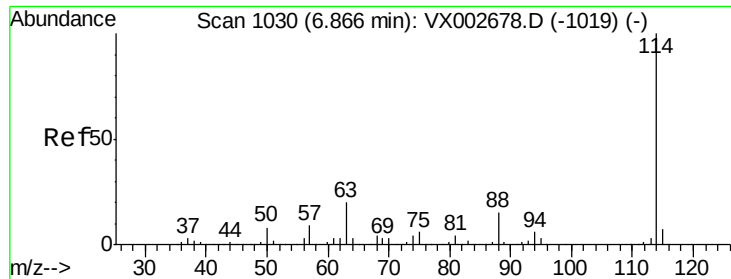
Tot Ion: 83 Resp: 8882
Ion Ratio Lower Upper
83 100
85 58.5 51.9 77.9



#27
1,2-Dichloroethane-d4
Concen: 29.83 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 65 Resp: 95793
Ion Ratio Lower Upper
65 100
67 52.1 40.9 61.3

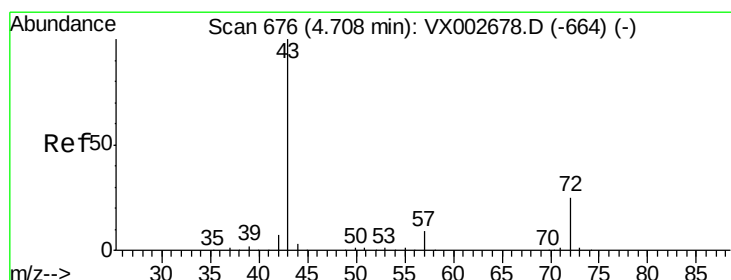
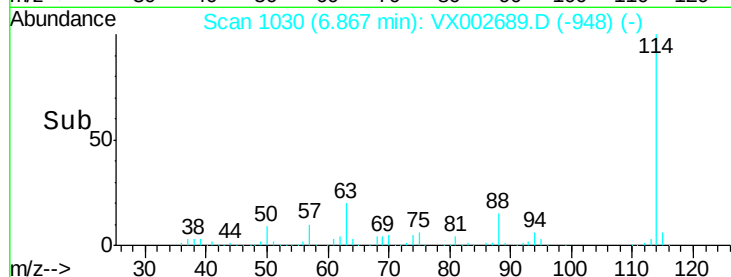
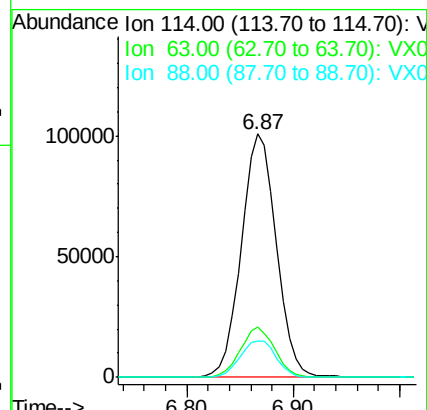
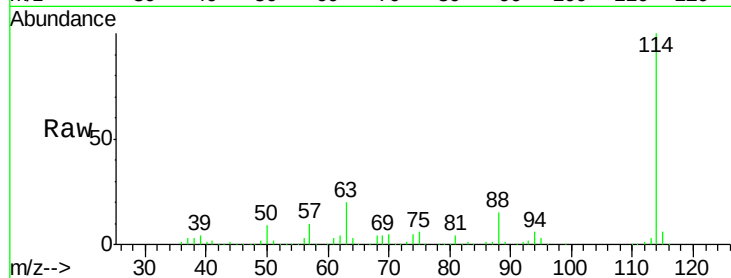




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

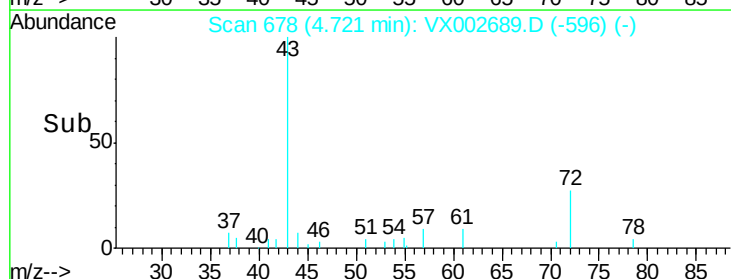
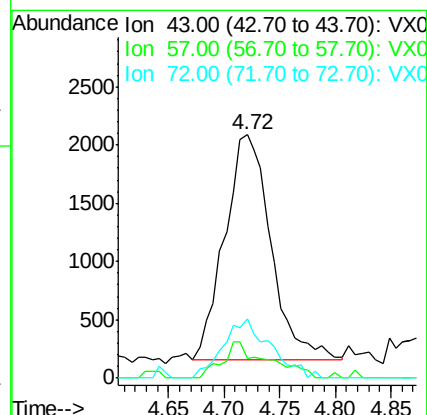
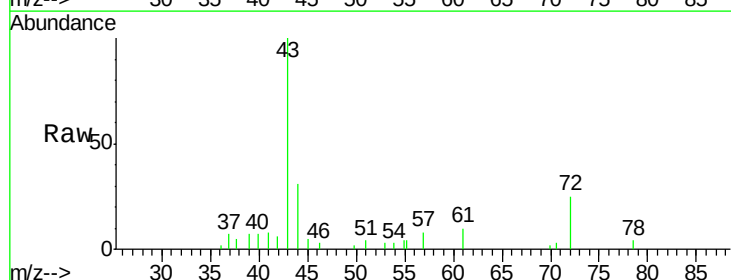
Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

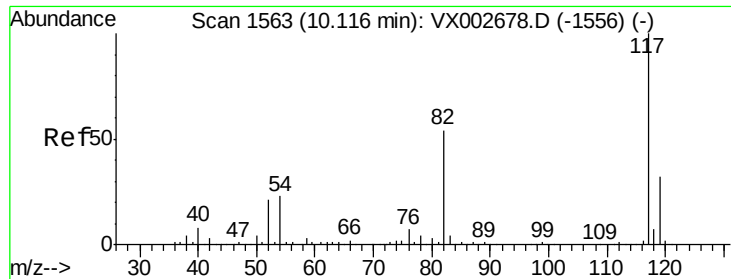
Tot Ion:114 Resp: 232712
 Ion Ratio Lower Upper
 114 100
 63 20.2 17.1 25.7
 88 15.4 12.6 19.0



#30
 2-Butanone
 Concen: 3.08 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 43 Resp: 5541
 Ion Ratio Lower Upper
 43 100
 57 3.7 6.1 9.1#
 72 25.9 18.1 27.1

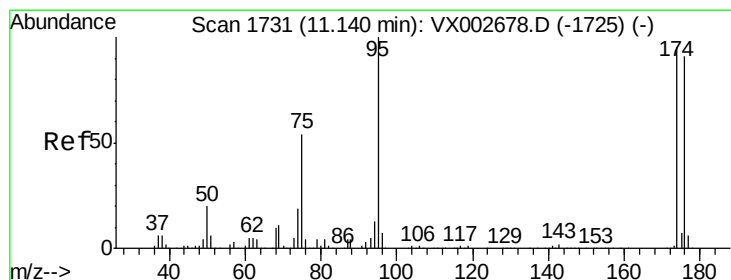
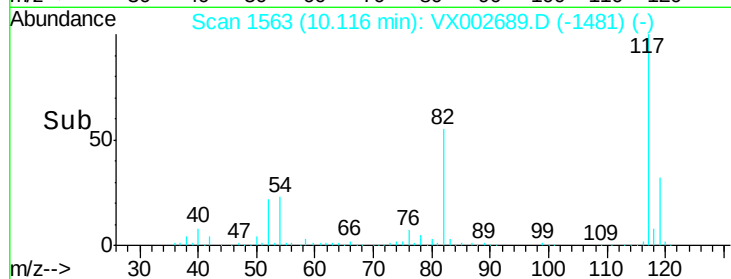
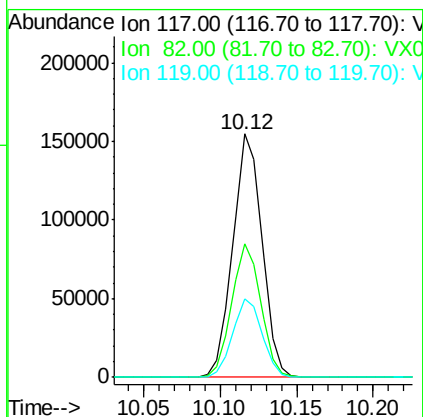
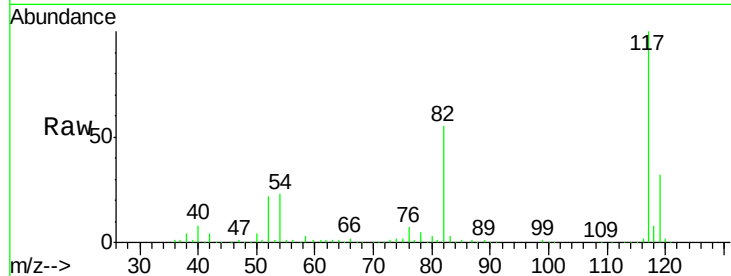




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

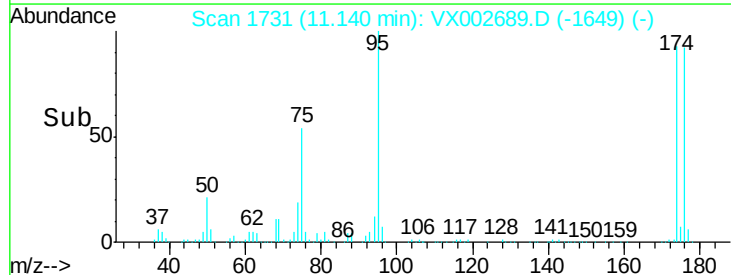
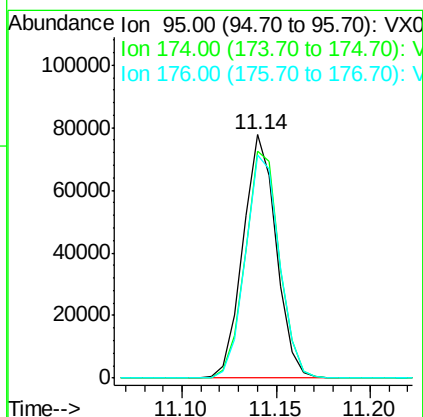
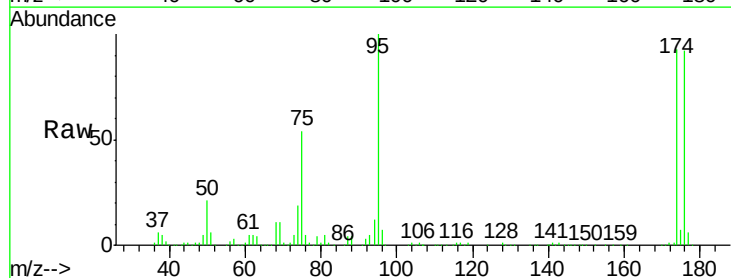
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

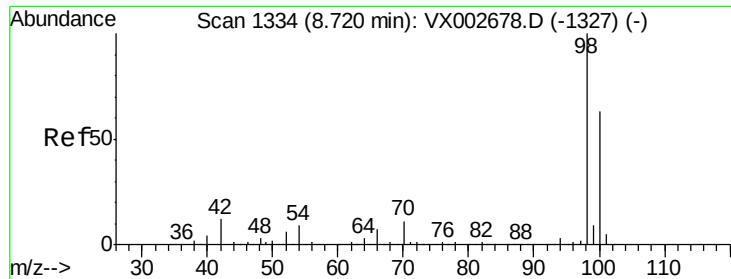
Tot Ion:117 Resp: 204794
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.4 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 95 Resp: 94846
Ion Ratio Lower Upper
95 100
174 96.2 71.8 107.6
176 94.2 70.1 105.1





#63
Toluene-d8
Concen: 29.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion: 98 Resp: 265799
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2

