

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051418\
 Data File : VX001710.D
 Acq On : 14 May 2018 13:48
 Operator : JC/MD
 Sample : J2904-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: May 16 03:31:33 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54016	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	310813	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	278106	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	126583	32.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.07%
60) 4-Bromofluorobenzene	11.14	95	129934	29.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.40%
63) Toluene-d8	8.72	98	363152	29.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.60%

Target Compounds

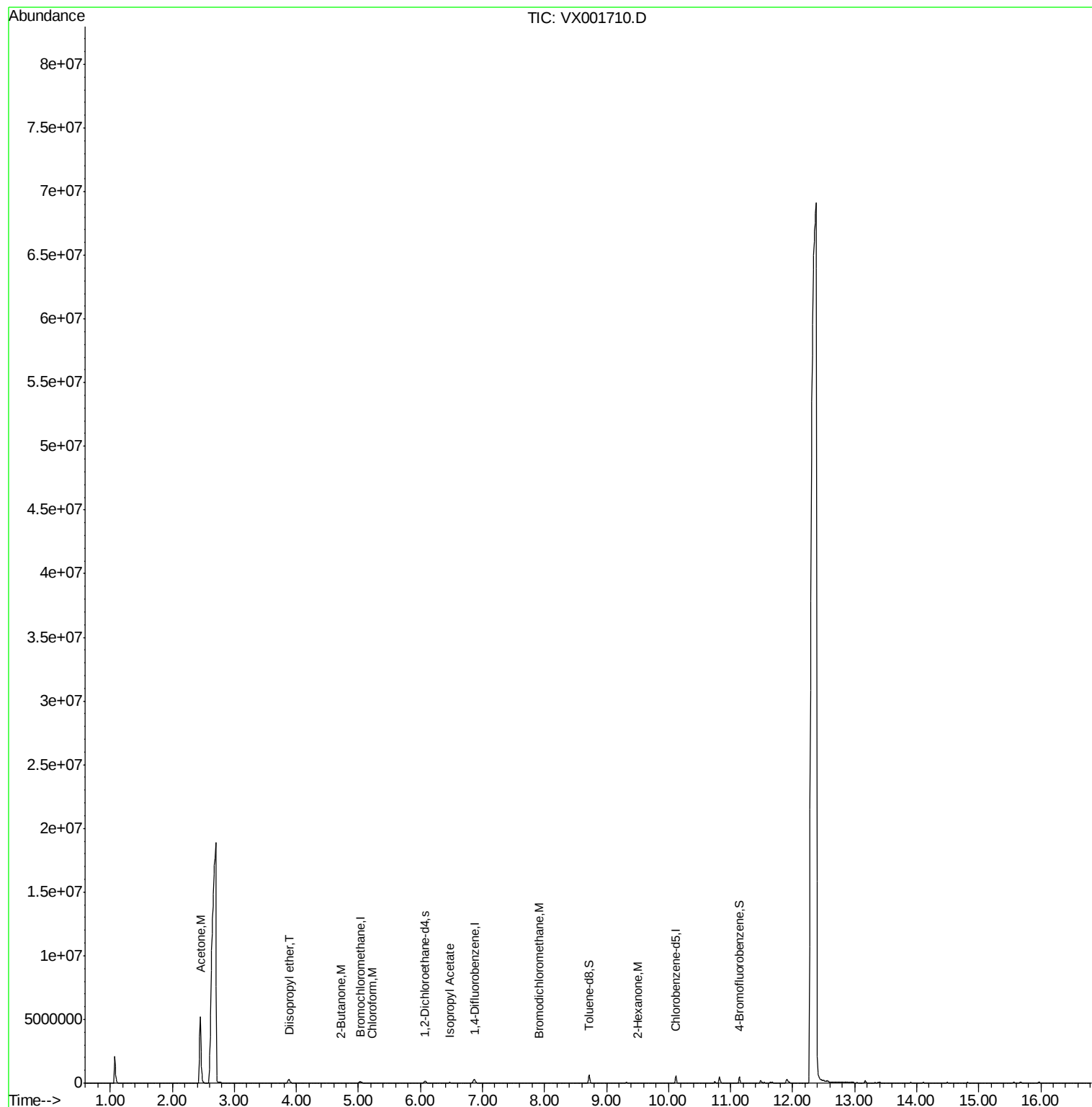
						Ovalue
15) Acetone	2.45	58	1929658	4229.98	ug/l	88
20) Diisopropyl ether	3.88	45	283730	31.84	ug/l	92
25) Chloroform	5.22	83	16122	3.05	ug/l	90
30) 2-Butanone	4.71	43	9057	3.52	ug/l #	59
41) Bromodichloromethane	7.91	83	1738	0.41	ug/l	100
44) Isopropyl Acetate	6.48	43	59556	7.92	ug/l	98
59) 2-Hexanone	9.51	43	5312	1.42	ug/l	97

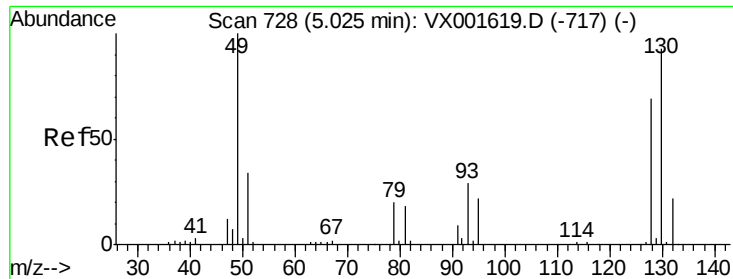
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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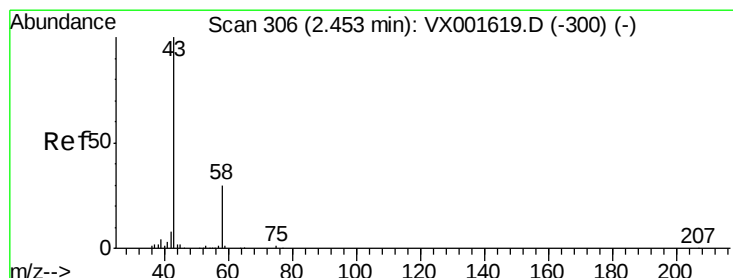
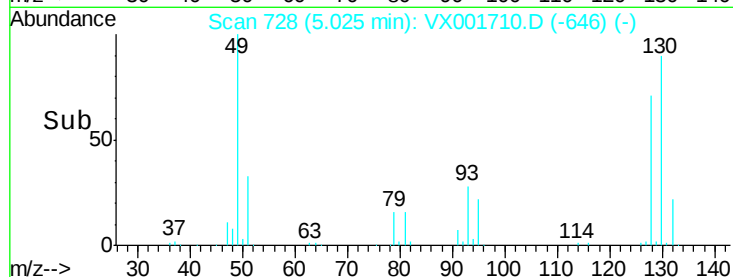
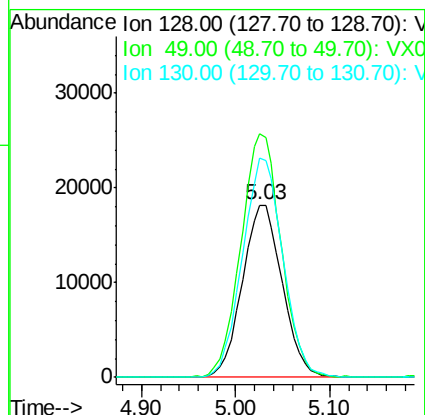
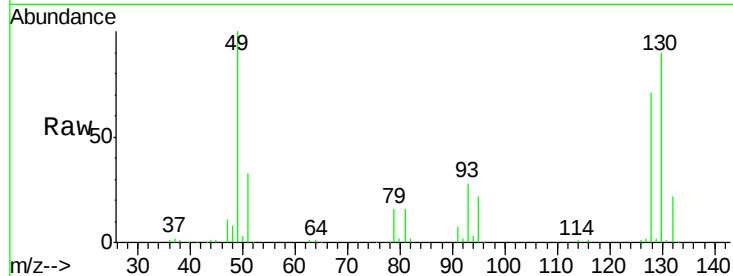




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

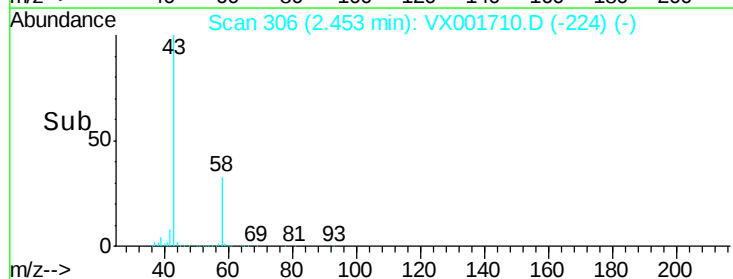
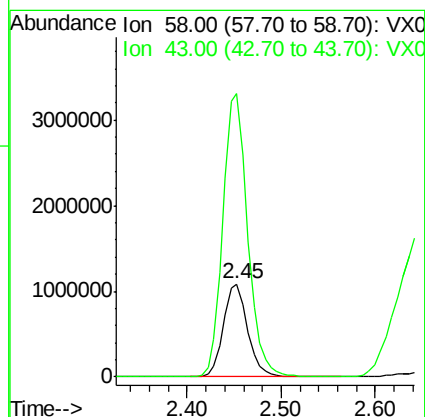
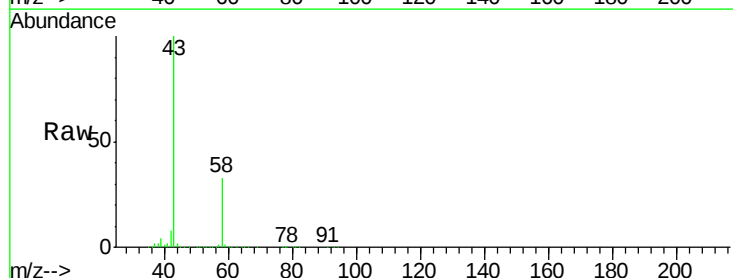
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

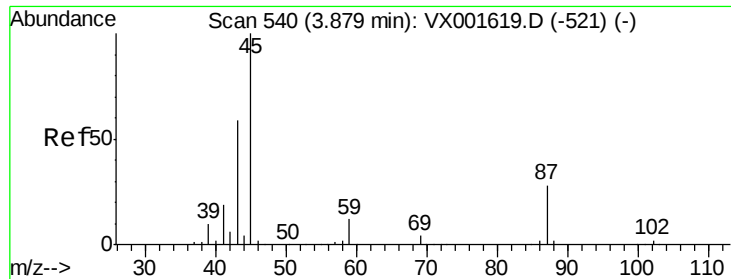
Tot Ion:128 Resp: 54016
 Ion Ratio Lower Upper
 128 100
 49 142.5 0.0 372.0
 130 128.8 0.0 326.5



#15
 Acetone
 Concen: 4229.98 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

Tgt Ion: 58 Resp: 1929658
 Ion Ratio Lower Upper
 58 100
 43 305.1 264.2 396.2

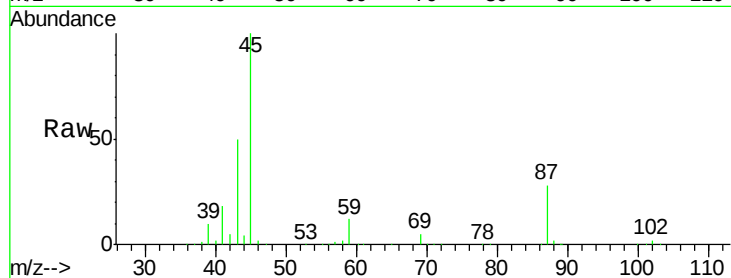




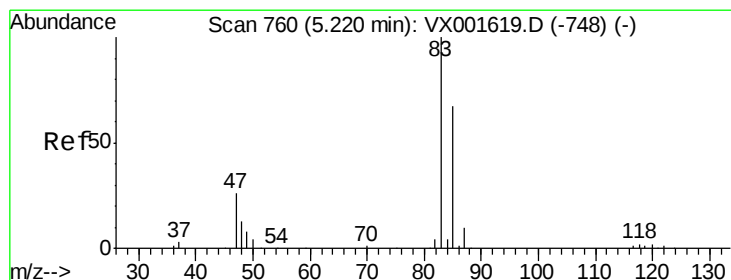
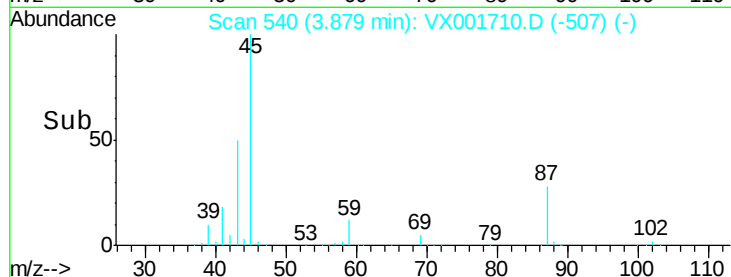
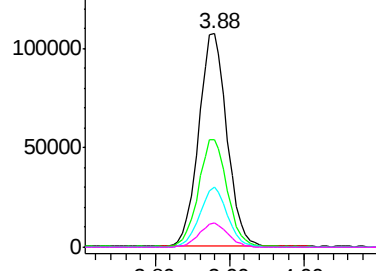
#20
Diisopropyl ether
Concen: 31.84 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion:	45	Resp:	283730
Ion	Ratio	Lower	Upper
45	100		
43	49.9	47.5	71.3
87	28.3	22.2	33.4
59	11.6	9.4	14.2

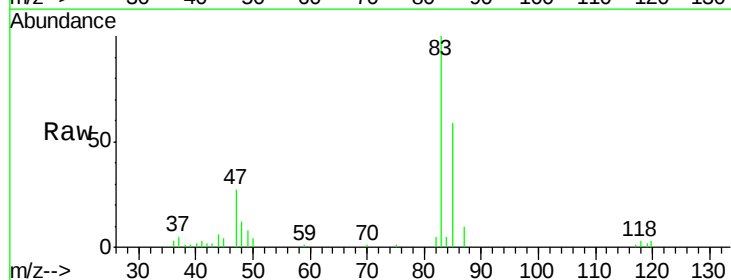


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

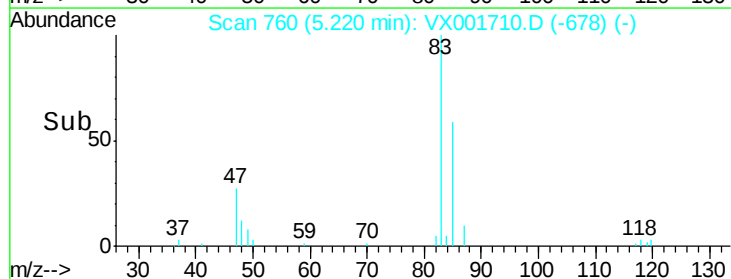
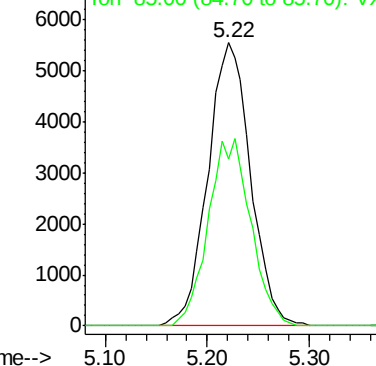


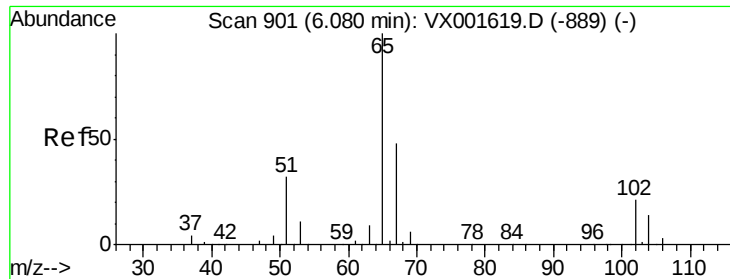
#25
Chloroform
Concen: 3.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

Tgt Ion:	83	Resp:	16122
Ion	Ratio	Lower	Upper
83	100		
85	59.0	53.9	80.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

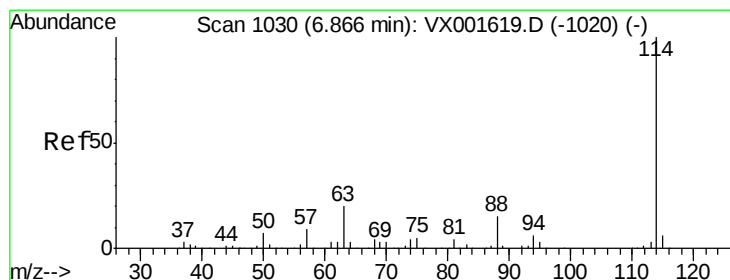
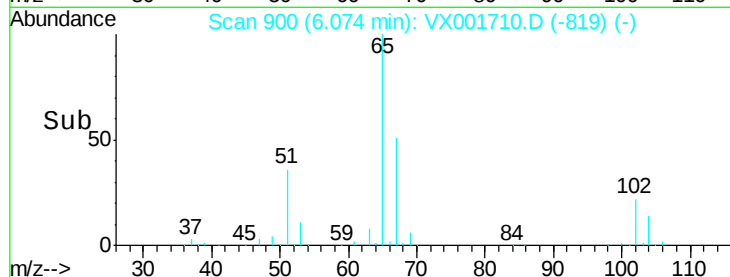
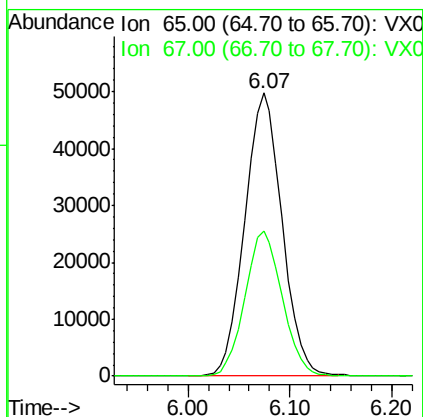
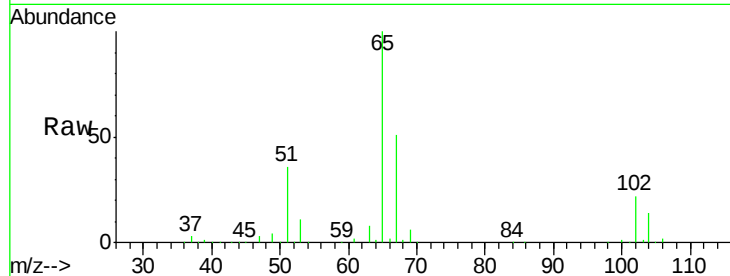




#27
 1,2-Dichloroethane-d4
 Concen: 32.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

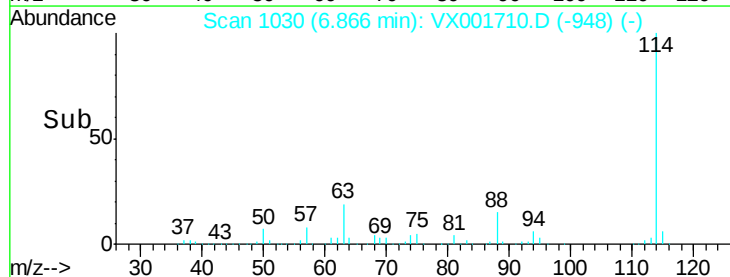
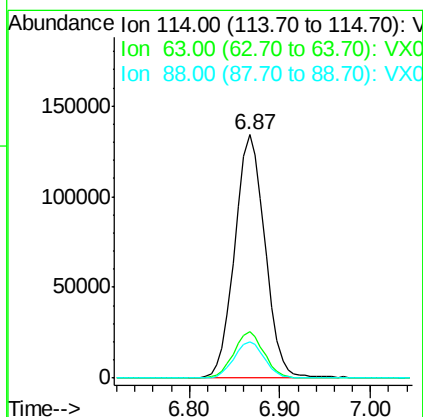
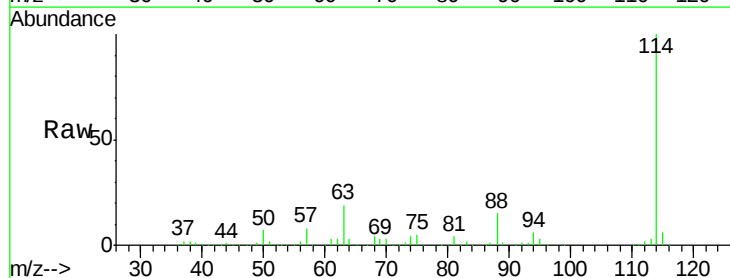
Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

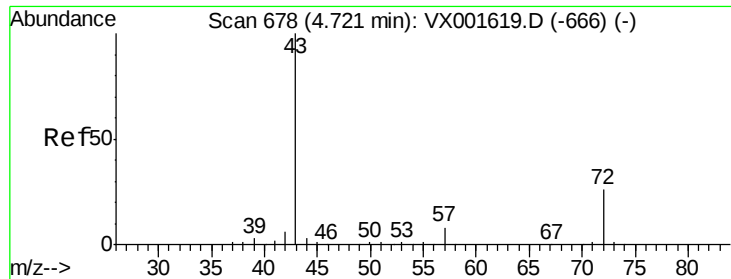
Tot Ion: 65 Resp: 126583
 Ion Ratio Lower Upper
 65 100
 67 51.2 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

Tgt Ion: 114 Resp: 310813
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.5 23.3
 88 15.0 12.2 18.4

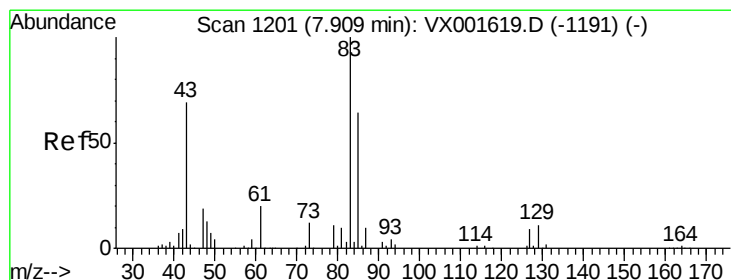
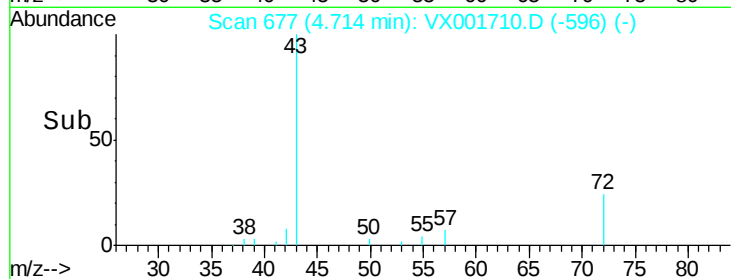
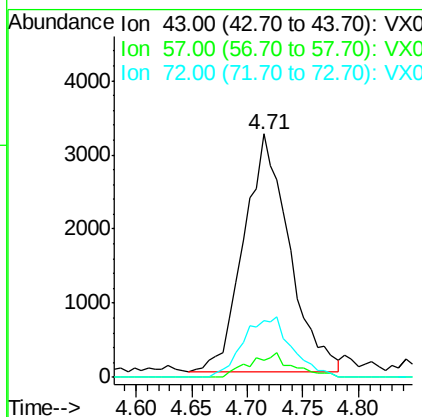
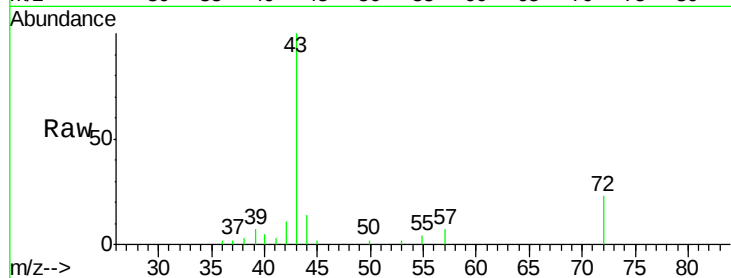




#30
2-Butanone
Concen: 3.52 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

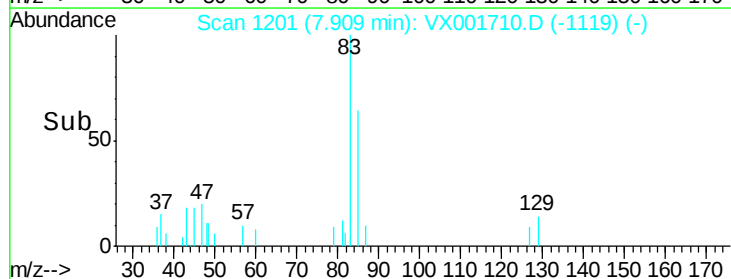
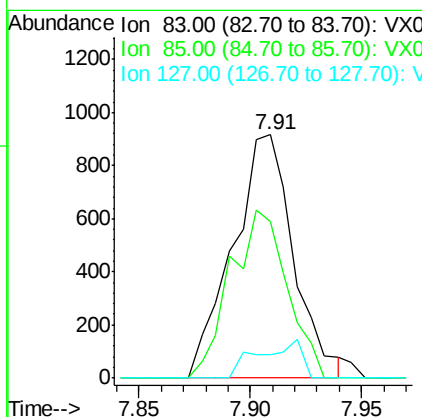
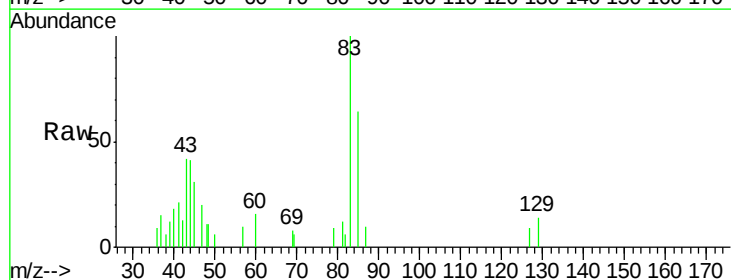
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

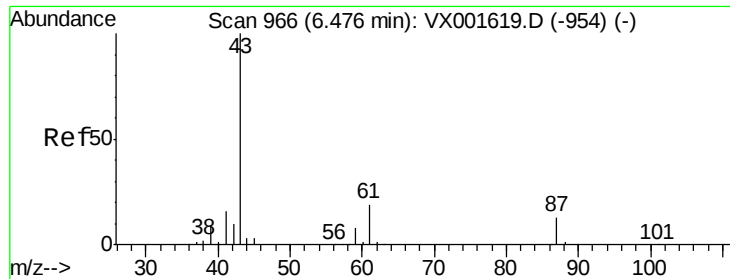
Tot Ion: 43 Resp: 9057
Ion Ratio Lower Upper
43 100
57 4.2 6.3 9.5#
72 0.0 20.2 30.4#



#41
Bromodichloromethane
Concen: 0.41 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

Tgt Ion: 83 Resp: 1738
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9
127 9.4 7.5 11.3



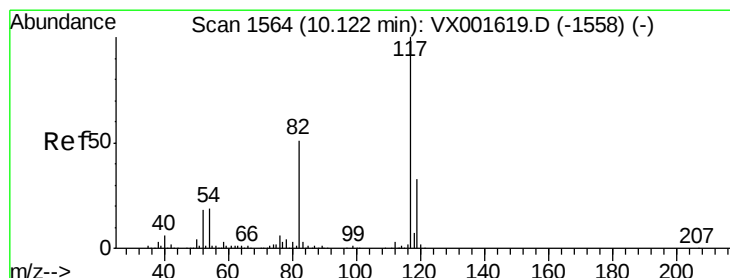
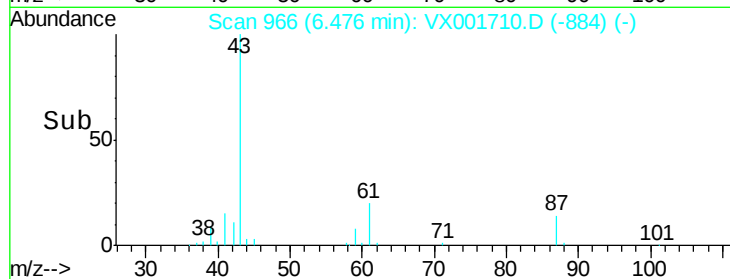
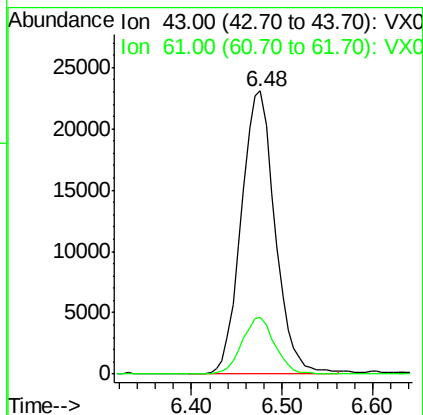
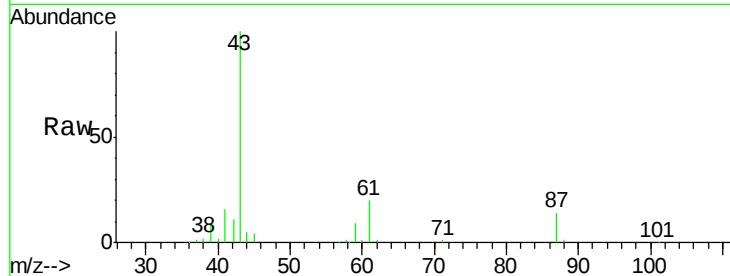


#44

Isopropyl Acetate
 Concen: 7.92 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

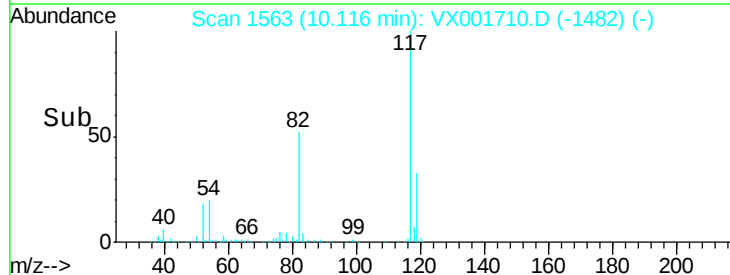
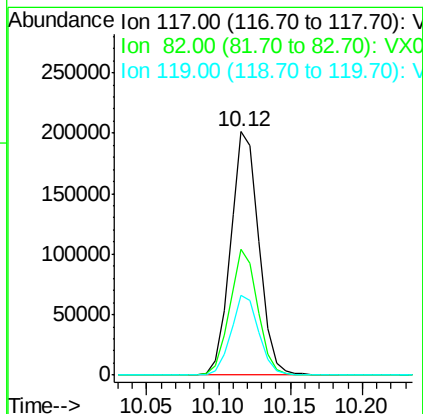
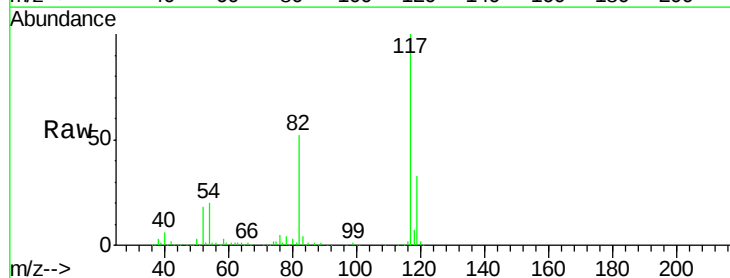
Tot Ion: 43 Resp: 59556
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.1 22.7

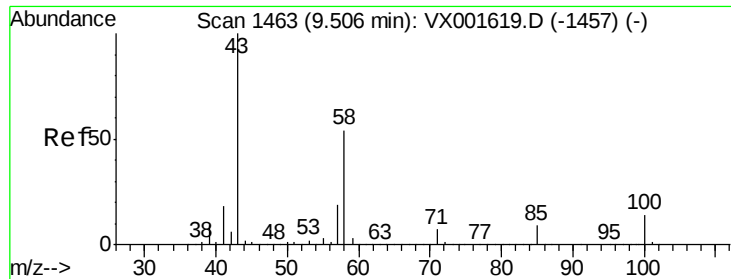


#57

Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001710.D
 Acq: 14 May 2018 13:48

Tgt Ion: 117 Resp: 278106
 Ion Ratio Lower Upper
 117 100
 82 50.9 42.2 63.2
 119 32.1 26.3 39.5

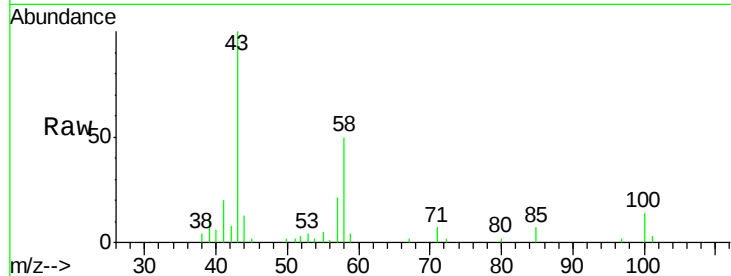




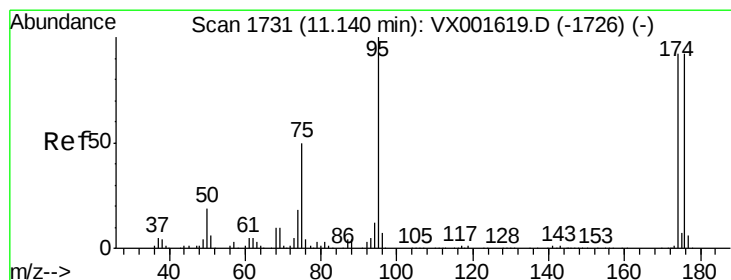
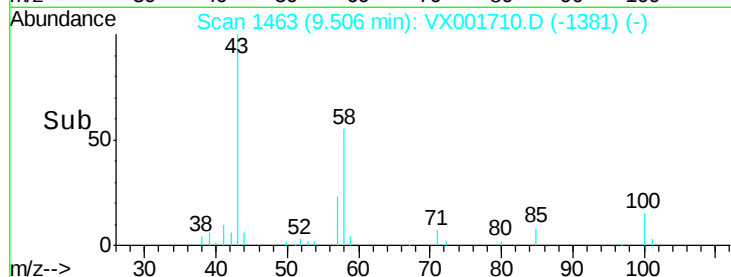
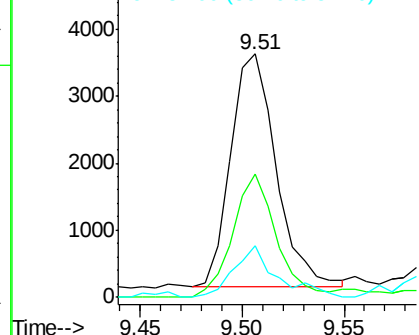
#59
2-Hexanone
Concen: 1.42 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
58 50.8 43.0 64.4
57 18.3 15.4 23.0

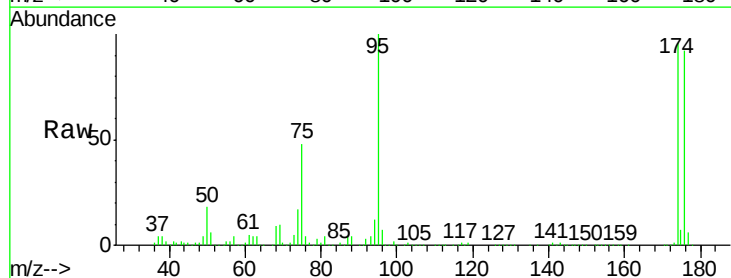


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

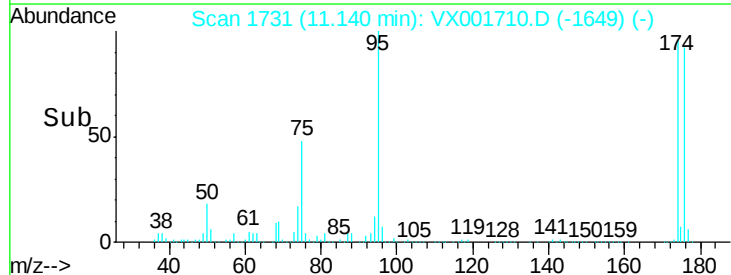
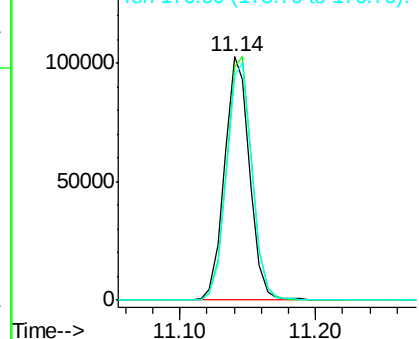


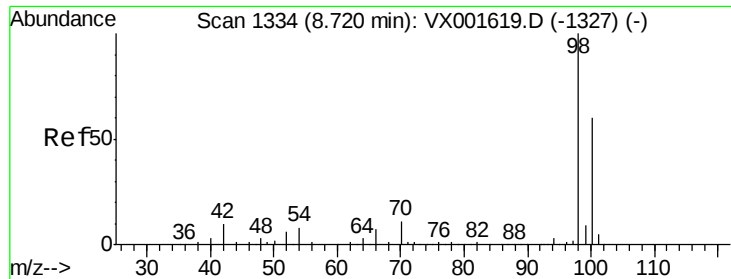
#60
4-Bromofluorobenzene
Concen: 29.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001710.D
Acq: 14 May 2018 13:48

Tgt Ion: 95 Resp: 129934
Ion Ratio Lower Upper
95 100
174 102.3 80.2 120.2
176 99.2 79.2 118.8



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001710.D

Acq: 14 May 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

Tot Ion: 98 Resp: 363152

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2

