

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008176.D
 Acq On : 18 Mar 2019 19:49
 Operator : JC/SP
 Sample : K1934-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Mar 19 03:33:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	45329	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	269048	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	231109	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	123782	32.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.43%
60) 4-Bromofluorobenzene	11.13	95	112666	29.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.37%
63) Toluene-d8	8.71	98	338127	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

Target Compounds

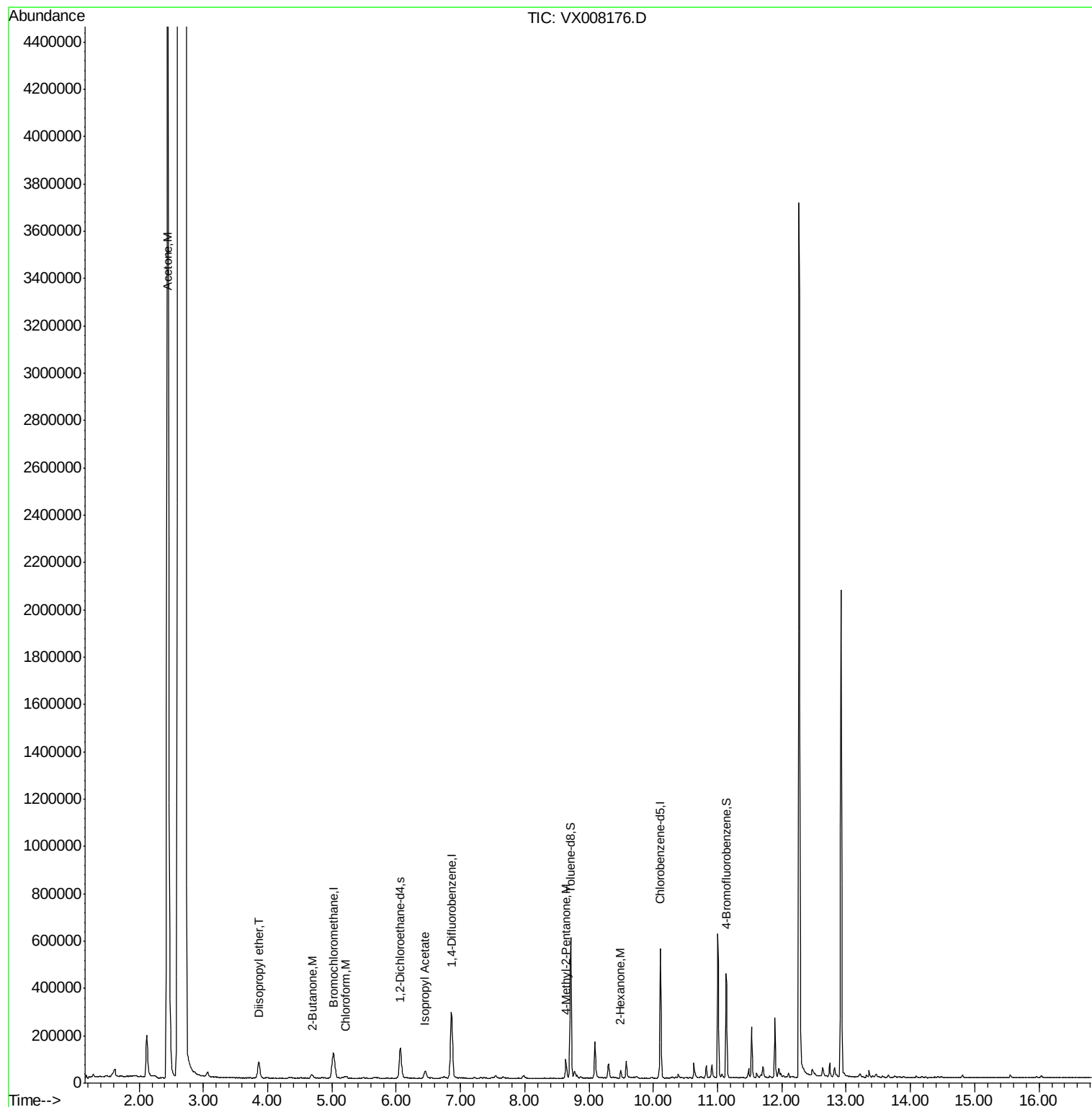
					Ovalue	
15) Acetone	2.45	58	2358418	4744.988	ug/l	99
20) Diisopropyl ether	3.86	45	75529	8.284	ug/l #	84
25) Chloroform	5.21	83	9603	2.188	ug/l	89
30) 2-Butanone	4.68	43	26479	10.549	ug/l #	95
44) Isopropyl Acetate	6.45	43	41928	6.074	ug/l	95
58) 4-Methyl-2-Pentanone	8.64	43	51301	11.607	ug/l	94
59) 2-Hexanone	9.49	43	20088	5.760	ug/l	96

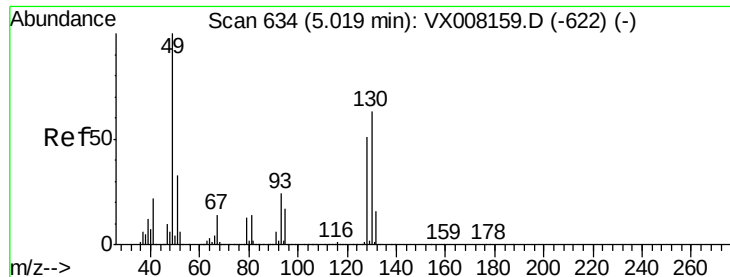
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031819\
Data File : VX008176.D
Acq On : 18 Mar 2019 19:49
Operator : JC/SP
Sample : K1934-01 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Time: Mar 19 03:33:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008176.D

Acq: 18 Mar 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

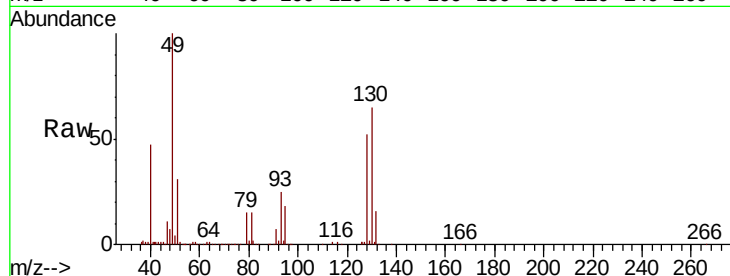
Tot Ion:128 Resp: 45329

Ion Ratio Lower Upper

128 100

49 194.5 0.0 350.8

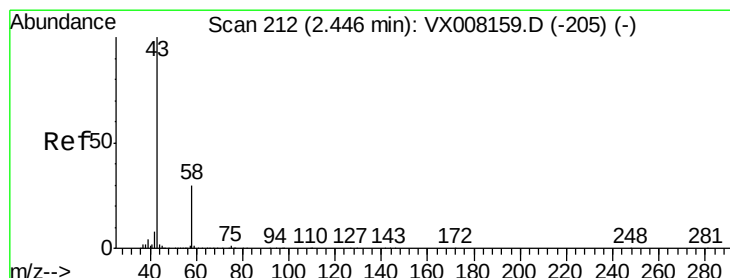
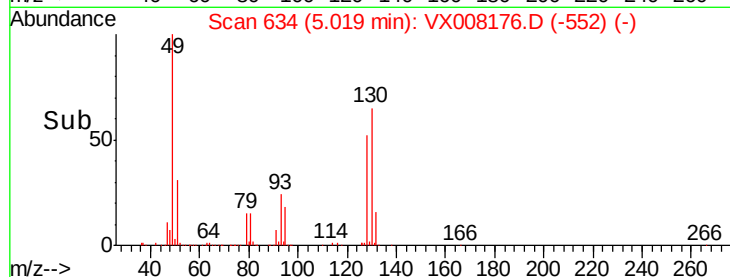
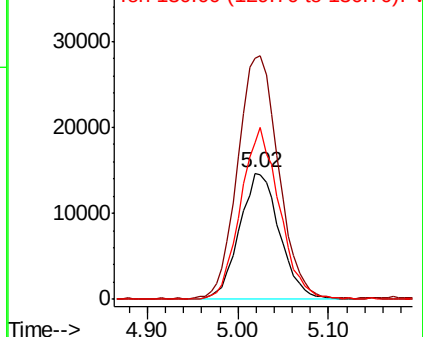
130 129.9 0.0 325.8



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: 4744.988 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008176.D

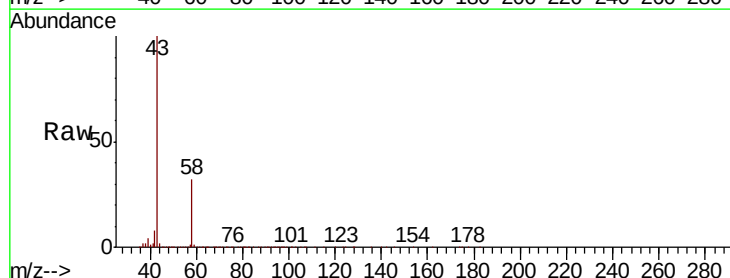
Acq: 18 Mar 2019 19:49

Tgt Ion: 58 Resp: 2358418

Ion Ratio Lower Upper

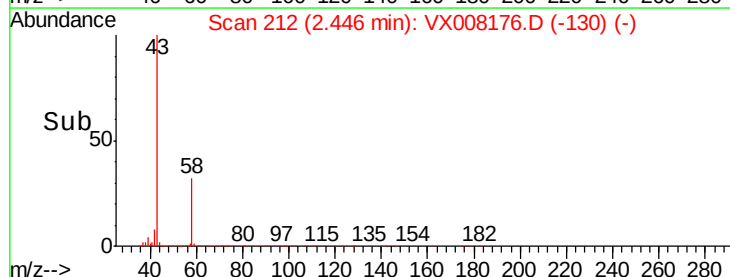
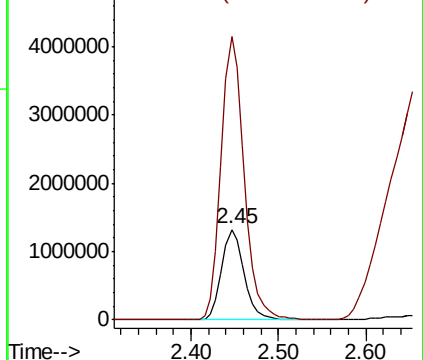
58 100

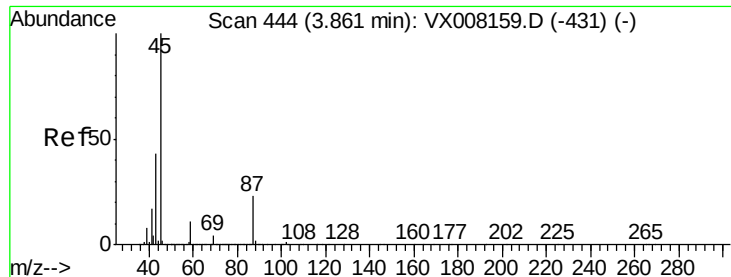
43 313.8 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

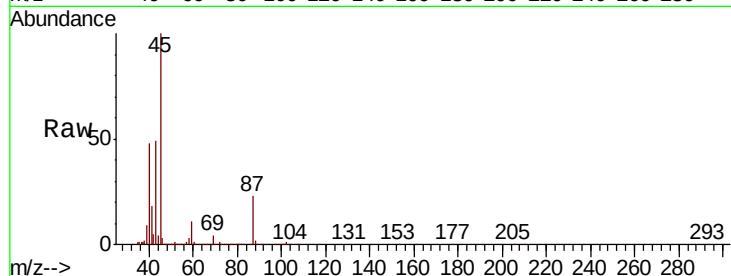




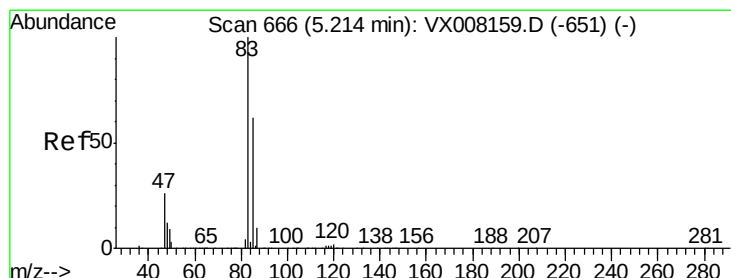
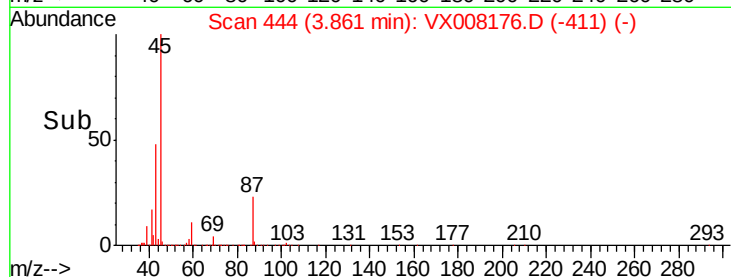
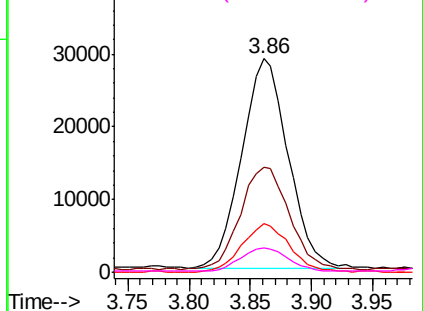
#20
Diisopropyl ether
Concen: 8.284 ug/l
RT: 3.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tot Ion:	45	Resp:	75529
Ion	Ratio	Lower	Upper
45	100		
43	48.3	50.6	76.0#
87	23.0	24.5	36.7#
59	10.9	10.2	15.2

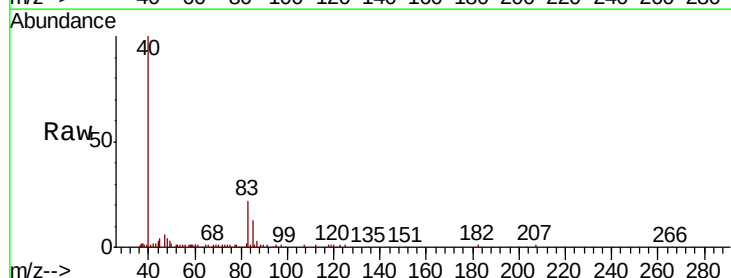


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

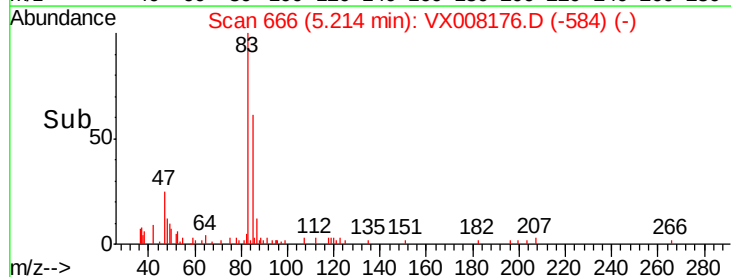
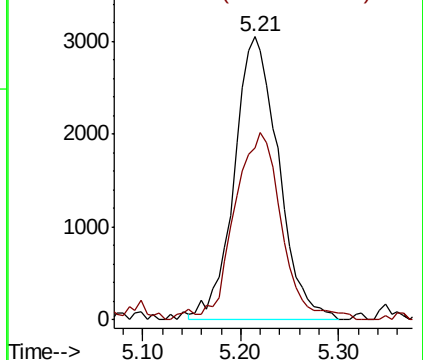


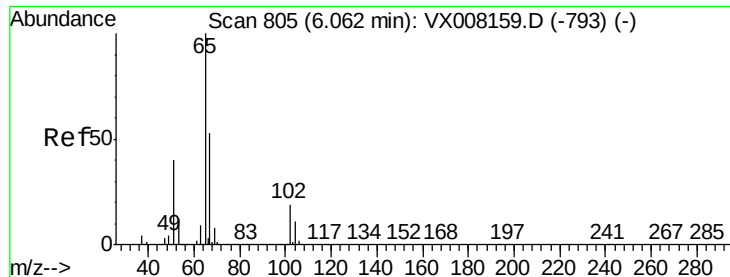
#25
Chloroform
Concen: 2.188 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

Tgt Ion:	83	Resp:	9603
Ion	Ratio	Lower	Upper
83	100		
85	58.1	53.8	80.6



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

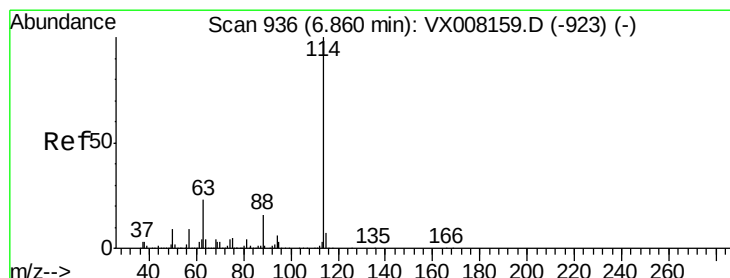
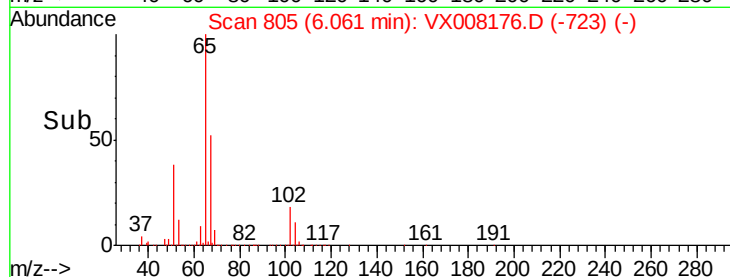
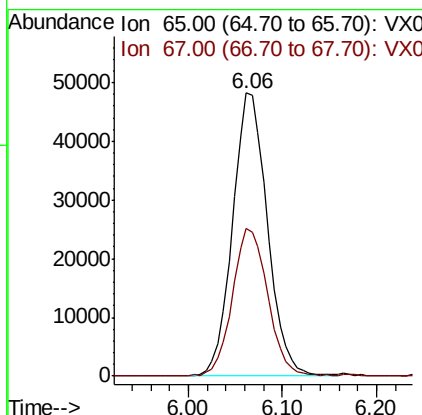
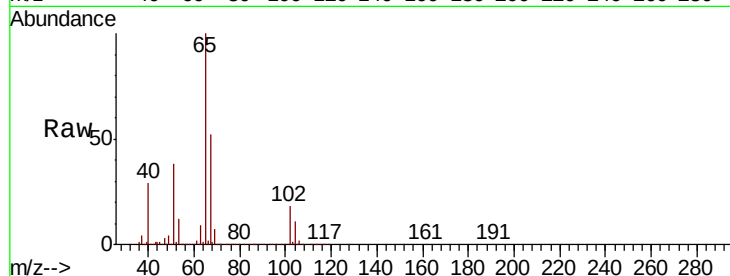




#27
 1,2-Dichloroethane-d4
 Concen: 32.828 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008176.D
 Acq: 18 Mar 2019 19:49

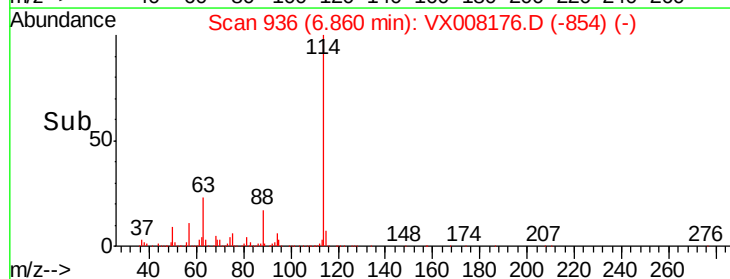
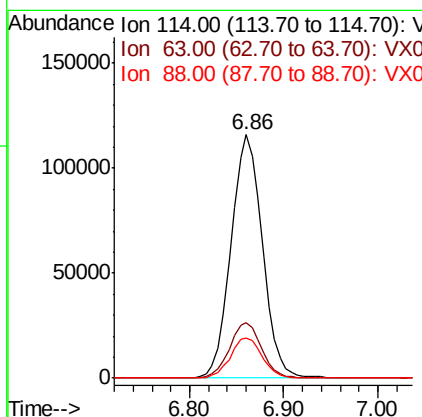
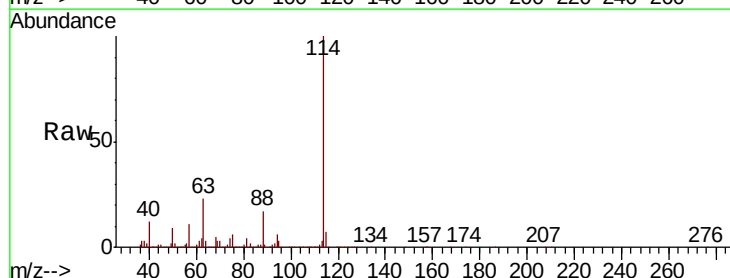
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

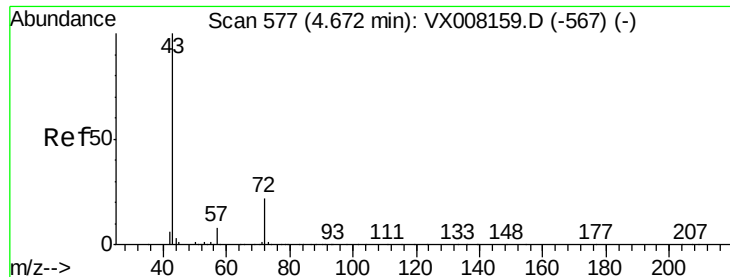
Tot Ion: 65 Resp: 123782
 Ion Ratio Lower Upper
 65 100
 67 52.4 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008176.D
 Acq: 18 Mar 2019 19:49

Tgt Ion: 114 Resp: 269048
 Ion Ratio Lower Upper
 114 100
 63 23.2 14.2 21.4#
 88 16.8 11.9 17.9

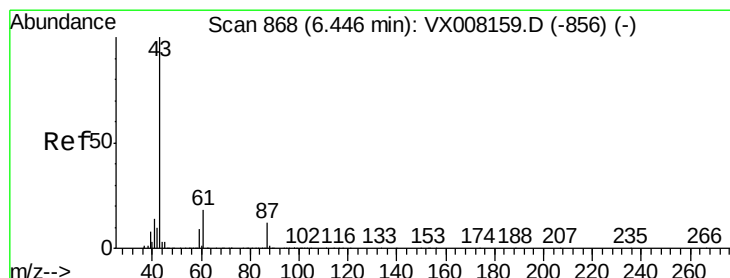
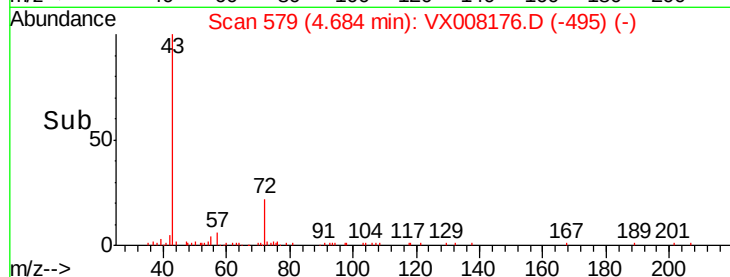
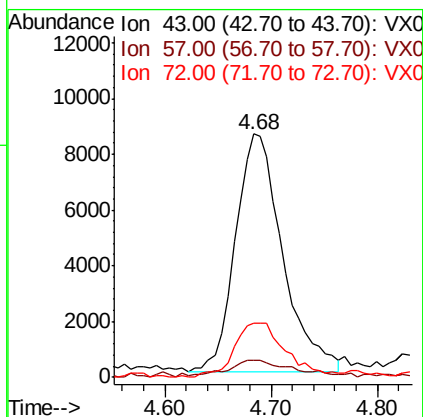
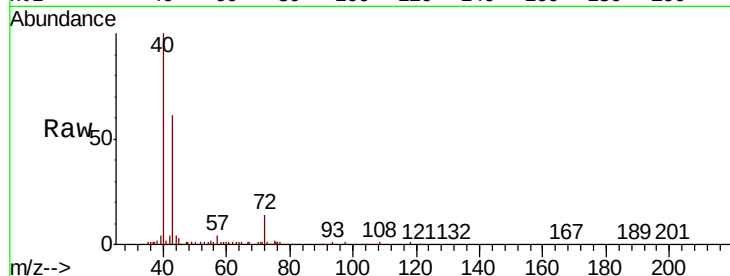




#30
2-Butanone
Concen: 10.549 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

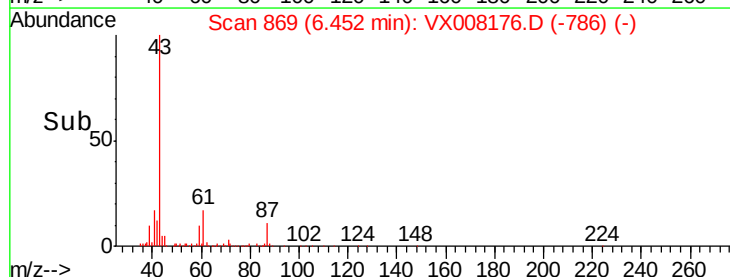
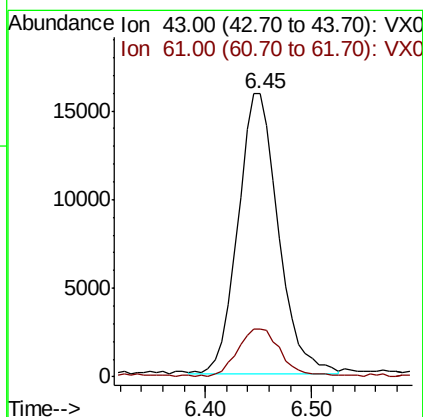
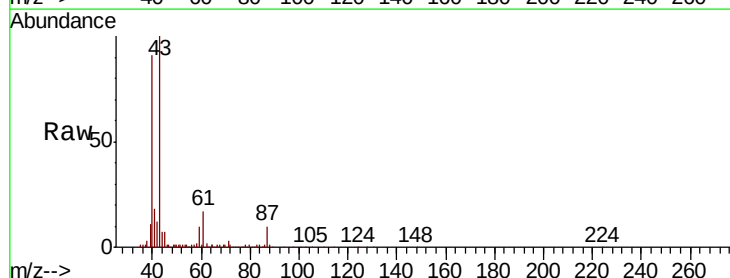
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

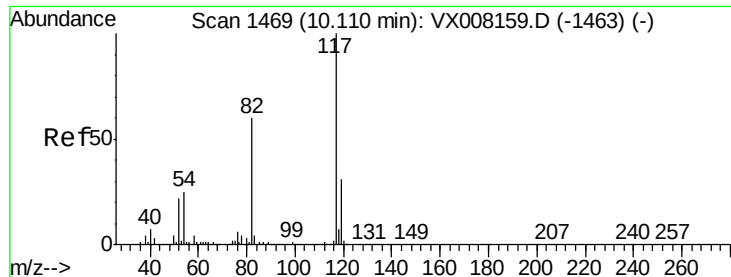
Tot Ion: 43 Resp: 26479
Ion Ratio Lower Upper
43 100
57 6.7 7.0 10.6#
72 24.5 21.5 32.3



#44
Isopropyl Acetate
Concen: 6.074 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

Tgt Ion: 43 Resp: 41928
Ion Ratio Lower Upper
43 100
61 18.0 16.1 24.1

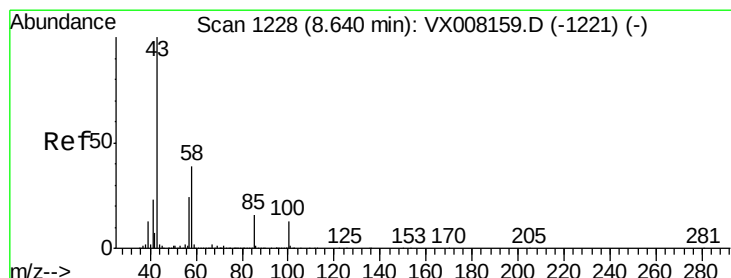
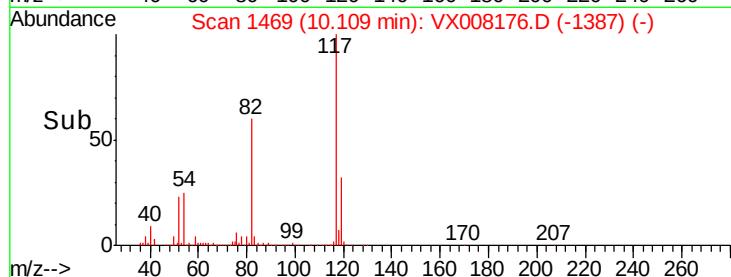
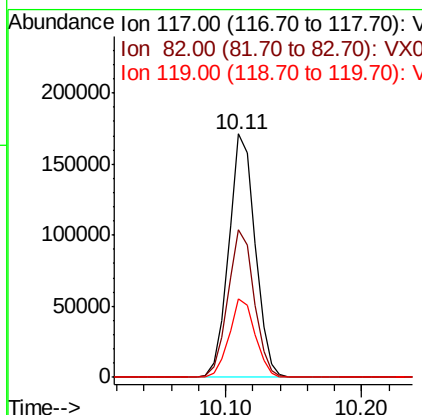
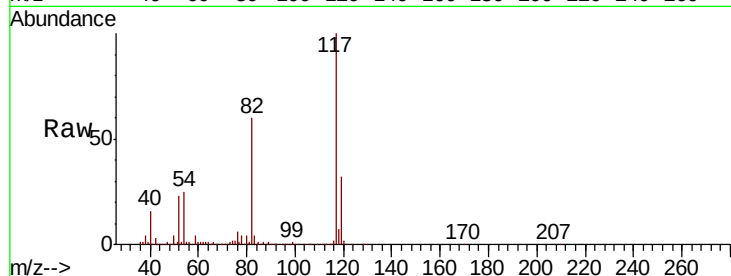




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

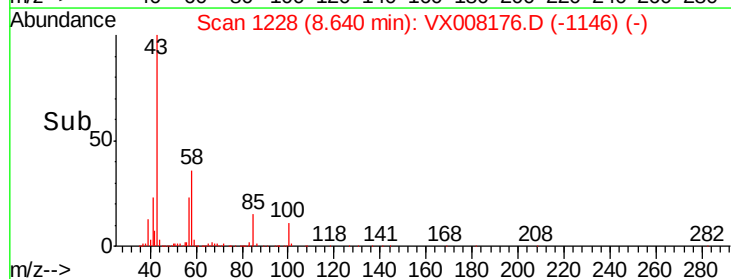
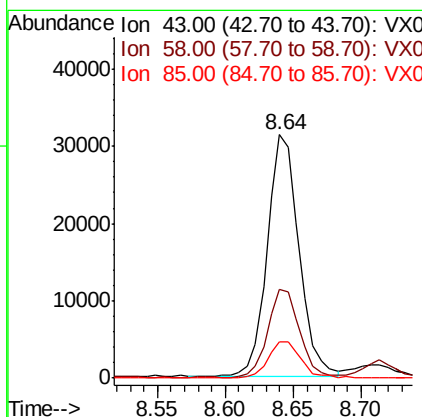
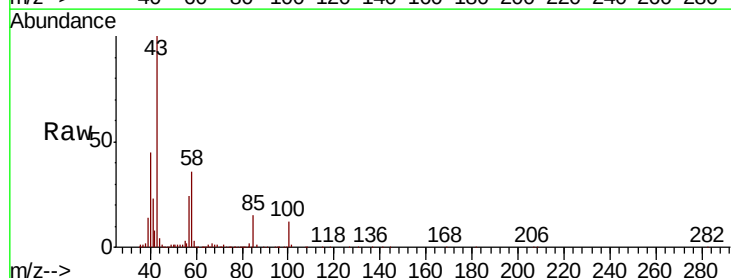
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

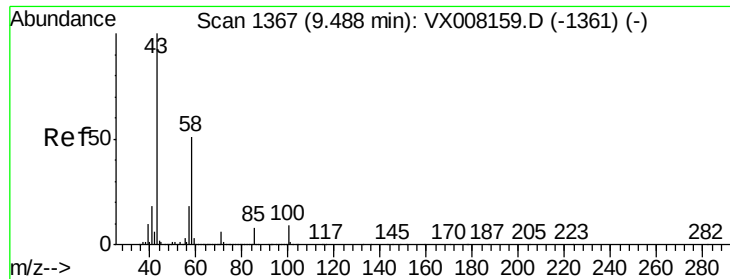
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	31.9	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 11.607 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.2	31.4	47.0
85	15.4	15.0	22.6

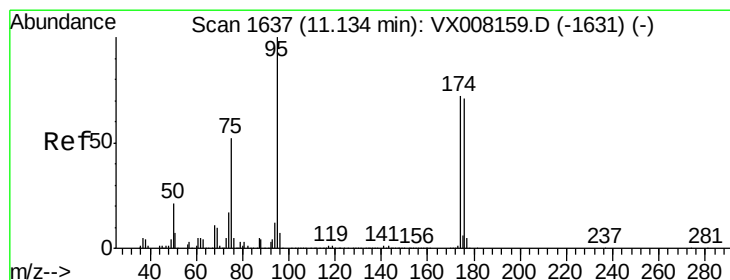
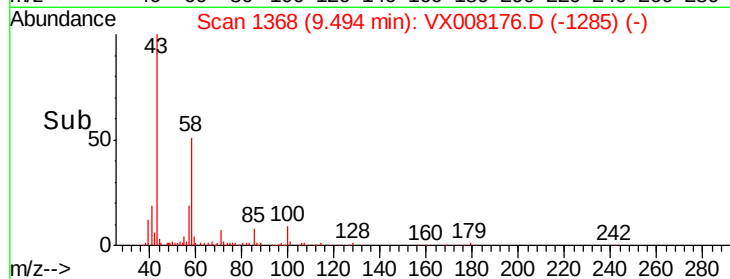
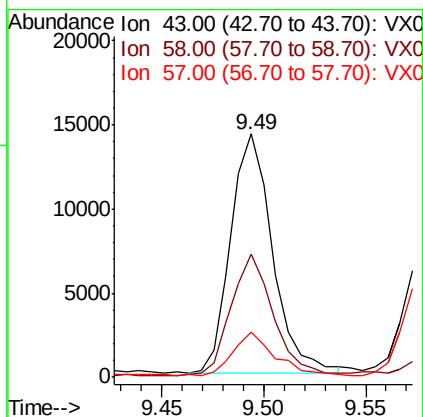
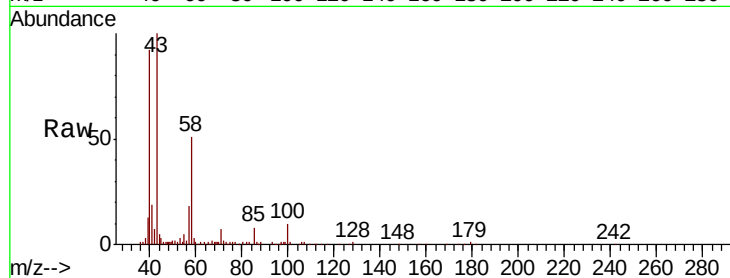




#59
2-Hexanone
Concen: 5.760 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

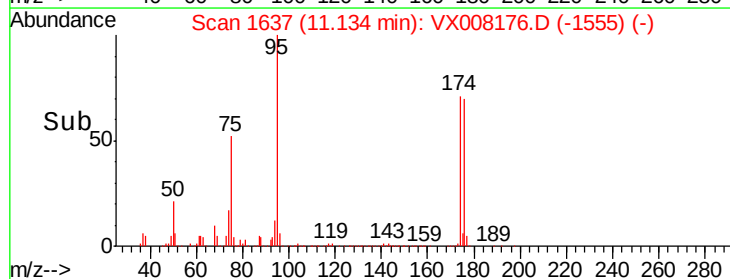
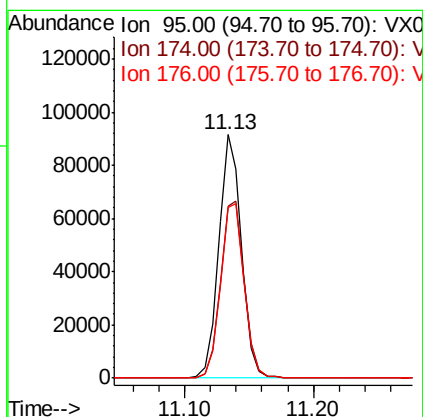
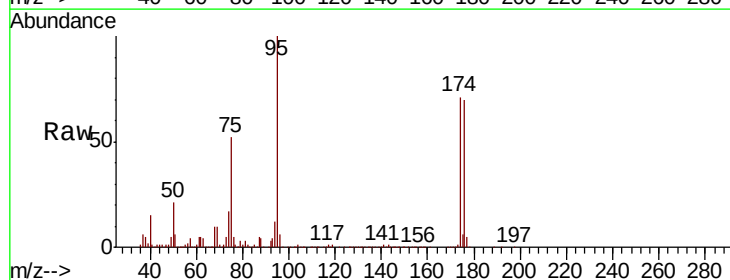
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

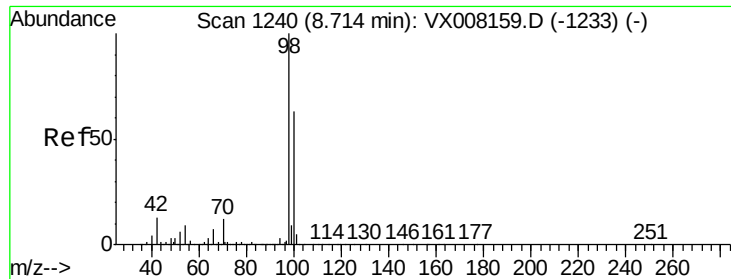
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	43.9	65.9
57	18.8	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 29.210 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008176.D
Acq: 18 Mar 2019 19:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	74.9	112.3
176	75.1	70.7	106.1





#63

Toluene-d8

Concen: 30.112 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008176.D

Acq: 18 Mar 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

Tot Ion: 98 Resp: 338127

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3

