

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016957.D
 Acq On : 25 Jun 2020 16:36
 Operator : JC/SP
 Sample : L3076-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jun 26 09:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	40341	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	222387	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	201512	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	93214	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.12	95	92529	27.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.77%
63) Toluene-d8	8.70	98	261308	29.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.07%

Target Compounds

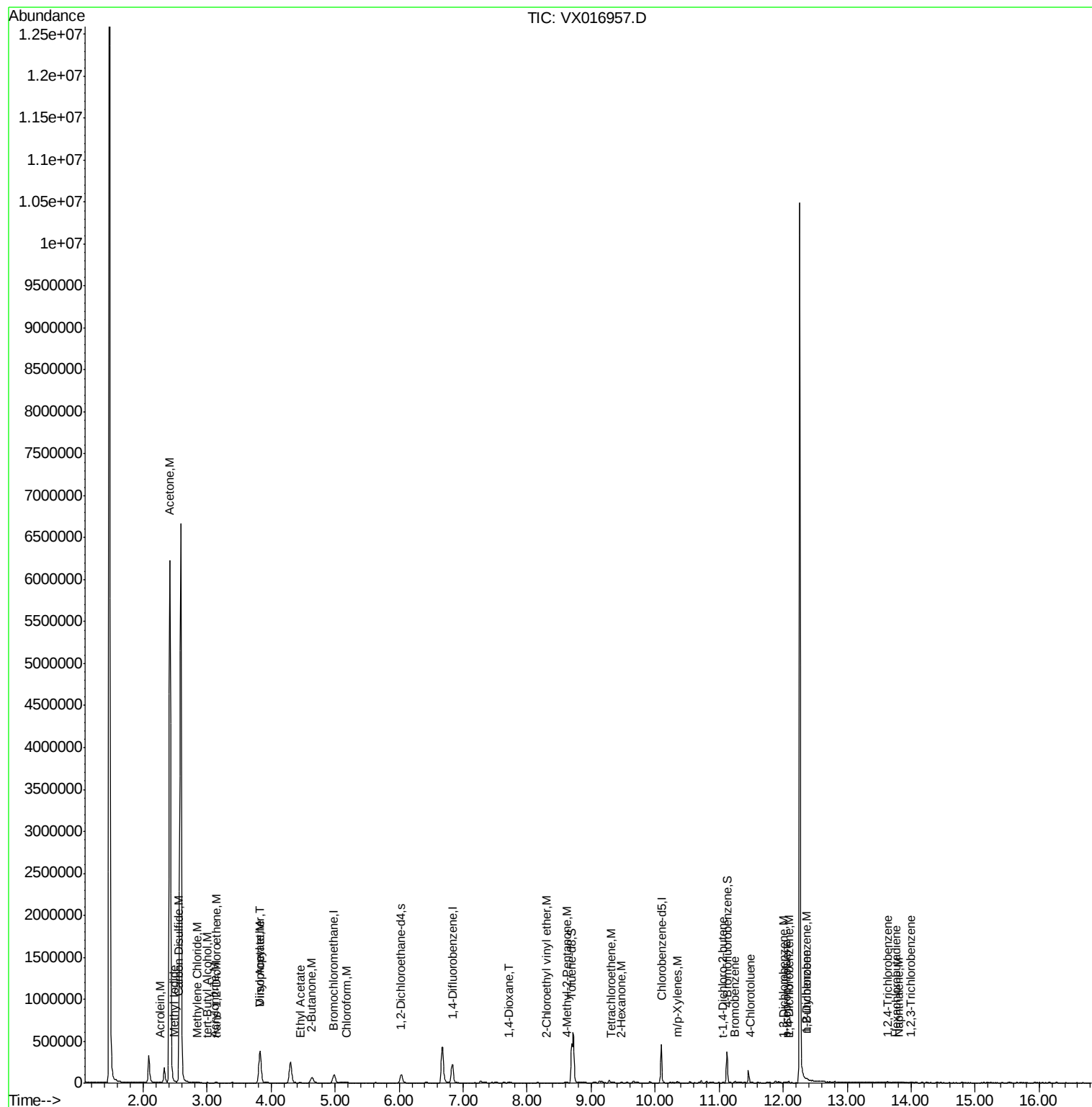
					Qvalue	
11) Methyl Iodide	2.50	142	944	0.306	ug/l	86
13) Acrolein	2.28	56	687	1.495	ug/l	96
14) Acrylonitrile	3.12	53	989	0.717	ug/l	87
15) Acetone	2.42	58	2084861	5839.022	ug/l	98
16) Carbon Disulfide	2.55	76	4012	0.553	ug/l	99
18) Methylene Chloride	2.84	84	2082	0.748	ug/l #	71
19) trans-1,2-Dichloroethene	3.14	96	869	0.332	ug/l #	55
20) Diisopropyl ether	3.82	45	404762	46.848	ug/l #	78
23) tert-Butyl Alcohol	3.01	59	1302	2.130	ug/l #	96
25) Chloroform	5.17	83	2545	0.527	ug/l	95
30) 2-Butanone	4.64	43	111441	59.015	ug/l	98
42) Vinyl Acetate	3.82	43	207952	27.327	ug/l #	75
43) Ethyl Acetate	4.45	43	1215	0.311	ug/l	95
45) 1,4-Dioxane	7.71	88	61	0.938	ug/l #	1
55) 2-Chloroethyl vinyl ether	8.30	63	664	0.311	ug/l	95
58) 4-Methyl-2-Pentanone	8.62	43	9008	2.427	ug/l #	86
59) 2-Hexanone	9.48	43	4576	1.652	ug/l #	92
61) Tetrachloroethene	9.32	164	516	0.201	ug/l #	46
67) m/p-Xylenes	10.34	106	1281	0.278	ug/l	87
73) Bromobenzene	11.24	156	686	0.226	ug/l	84
77) t-1,4-Dichloro-2-butene	11.05	75	1027	0.715	ug/l #	26
78) 4-Chlorotoluene	11.49	91	2477	0.252	ug/l	97
82) p-Isopropyltoluene	12.05	119	2150	0.204	ug/l	86
83) 1,3-Dichlorobenzene	12.01	146	1701	0.313	ug/l	92
84) 1,4-Dichlorobenzene	12.09	146	1777	0.326	ug/l	81
85) n-Butylbenzene	12.37	91	4892	0.501	ug/l	93
87) 1,2-Dichlorobenzene	12.37	146	1329	0.261	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	2090	0.609	ug/l	95
90) Hexachlorobutadiene	13.76	225	1400	1.073	ug/l	91
91) Naphthalene	13.82	128	4272	0.380	ug/l	98
92) 1,2,3-Trichlorobenzene	14.00	180	1769	0.528	ug/l	92

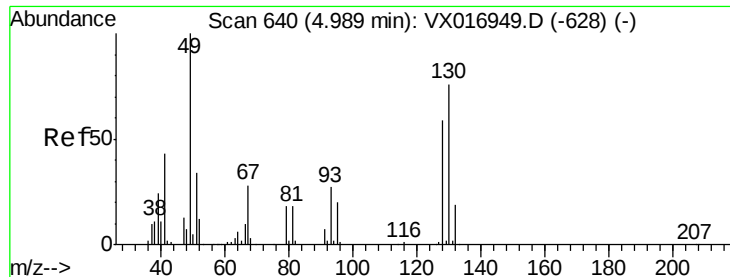
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
Data File : VX016957.D
Acq On : 25 Jun 2020 16:36
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Sample : L3076-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Quant Time: Jun 26 09:08:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

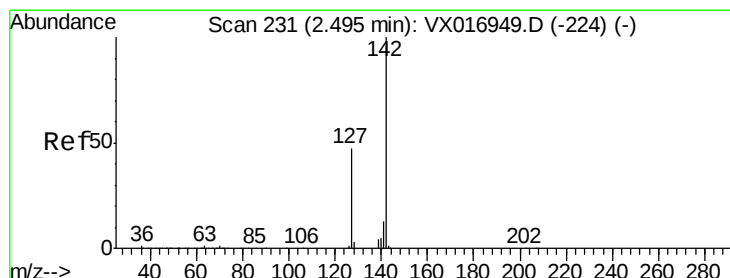
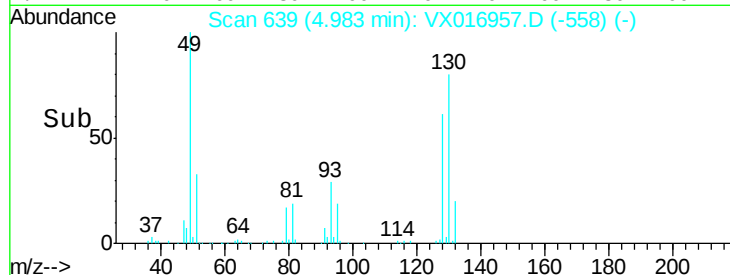
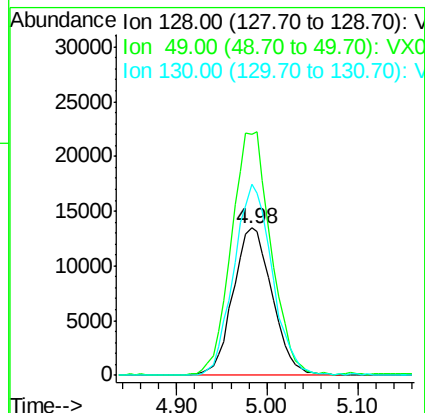
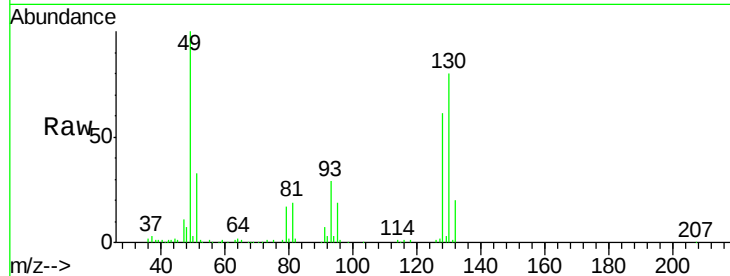
Delta R.T. -0.01 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion:	128	Resp:	40341
Ion	Ratio	Lower	Upper
128	100		
49	167.1	0.0	428.0
130	127.3	0.0	318.0



#11

Methyl Iodide

Concen: 0.306 ug/l

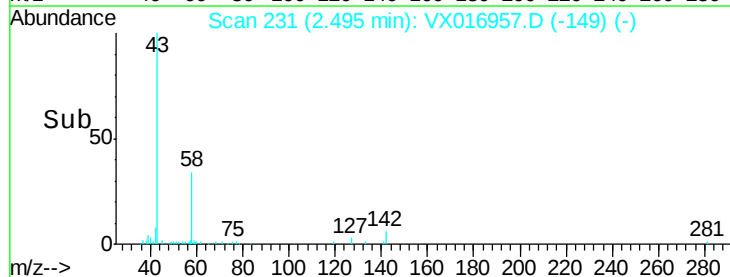
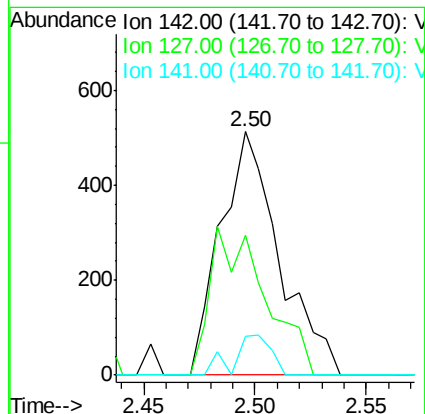
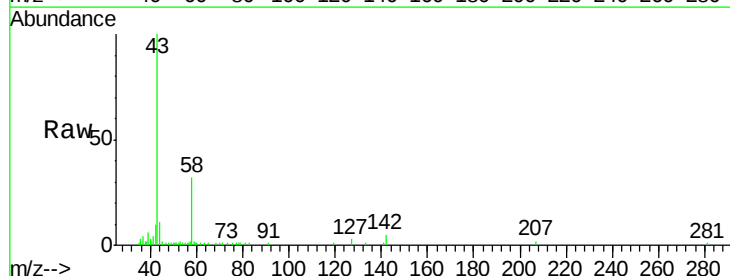
RT: 2.50 min Scan# 231

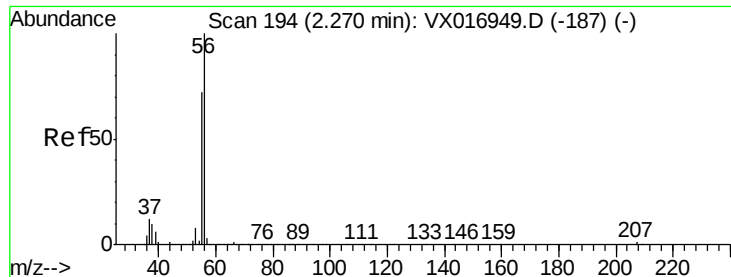
Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Tgt Ion:	142	Resp:	944
Ion	Ratio	Lower	Upper
142	100		
127	57.7	23.3	69.9
141	15.8	6.7	20.1





#13

Acrolein

Concen: 1.495 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampled :

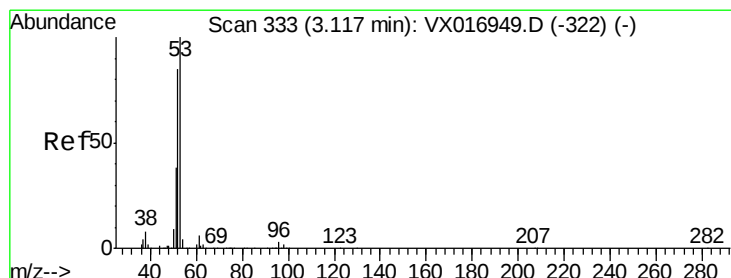
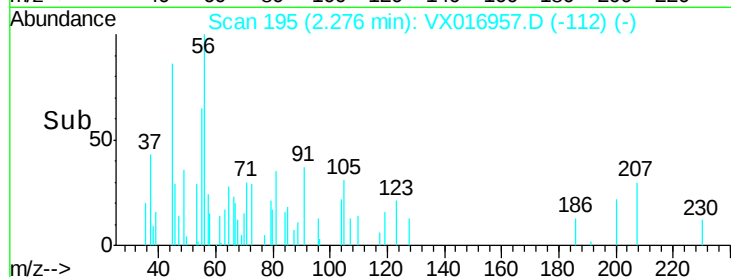
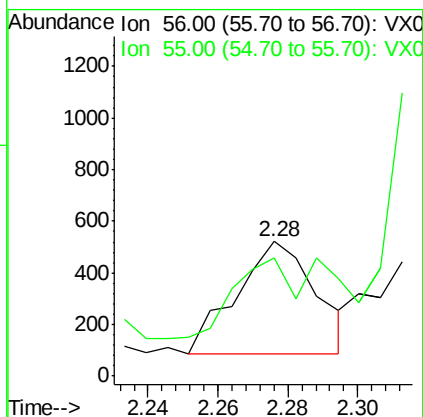
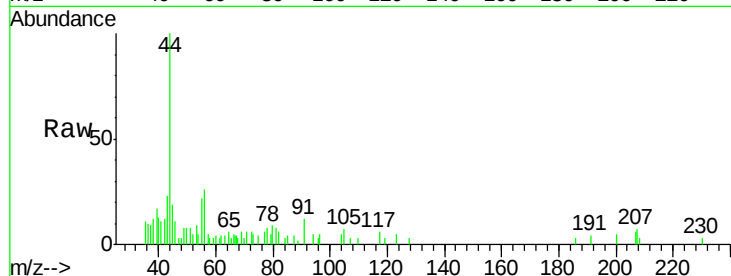
EFF-WW

Tgt Ion: 56 Resp: 687

Ion Ratio Lower Upper

56 100

55 67.4 56.2 84.4



#14

Acrylonitrile

Concen: 0.717 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

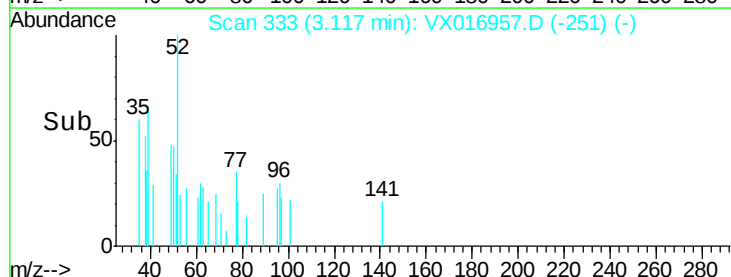
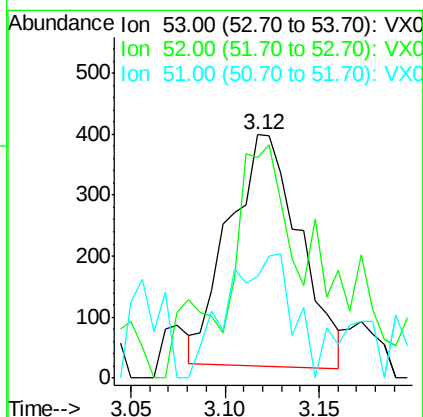
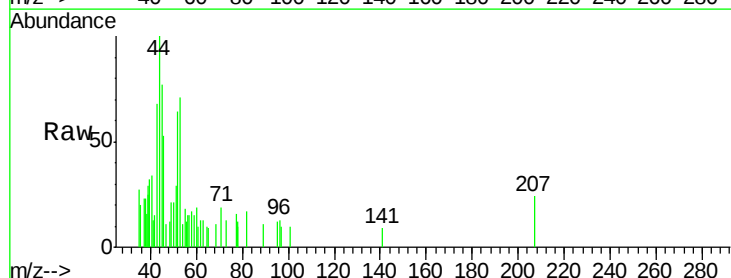
Tgt Ion: 53 Resp: 989

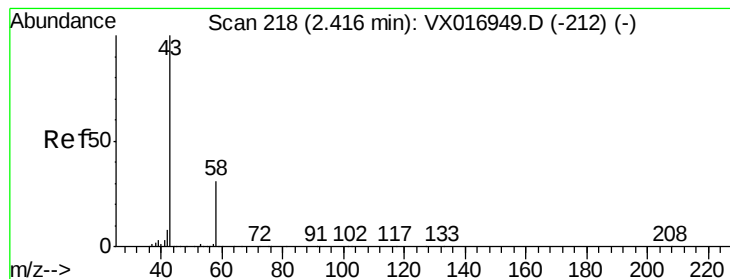
Ion Ratio Lower Upper

53 100

52 70.8 40.6 121.8

51 28.0 18.4 55.4





#15

Acetone

Concen: 5839.022 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

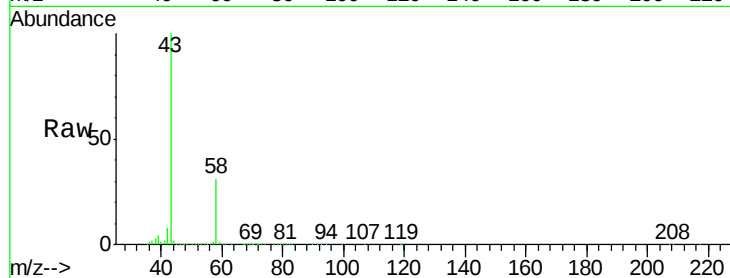
EFF-WW

Tgt Ion: 58 Resp: 2084861

Ion Ratio Lower Upper

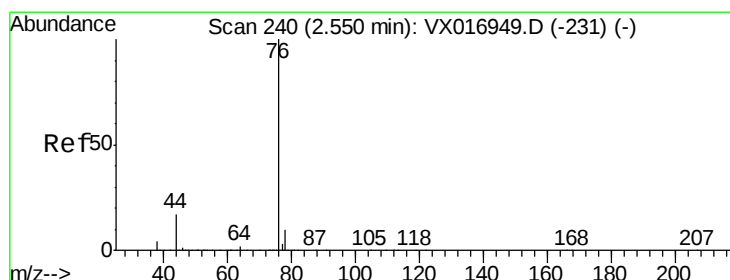
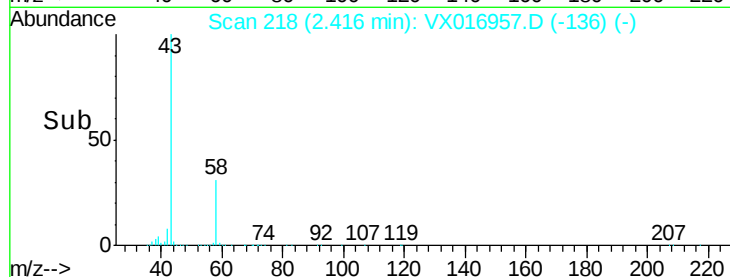
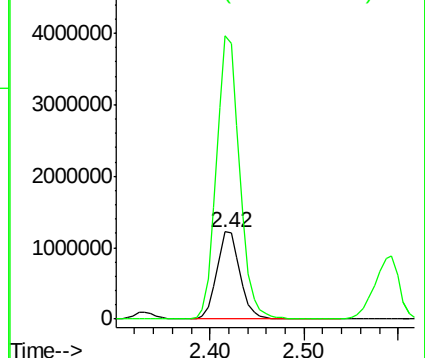
58 100

43 325.2 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 0.553 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016957.D

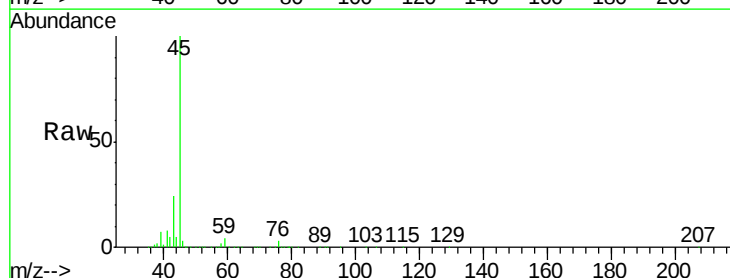
Acq: 25 Jun 2020 16:36

Tgt Ion: 76 Resp: 4012

Ion Ratio Lower Upper

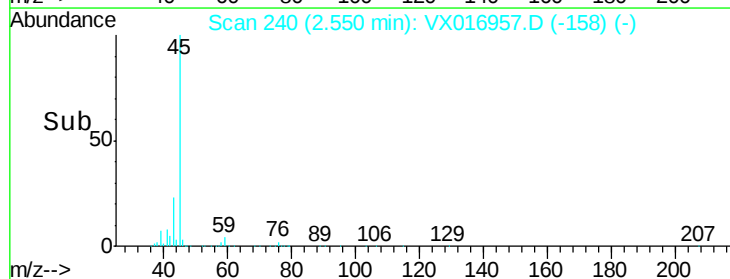
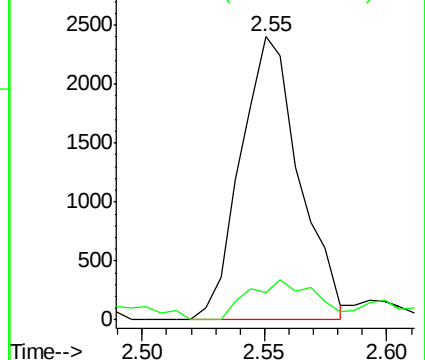
76 100

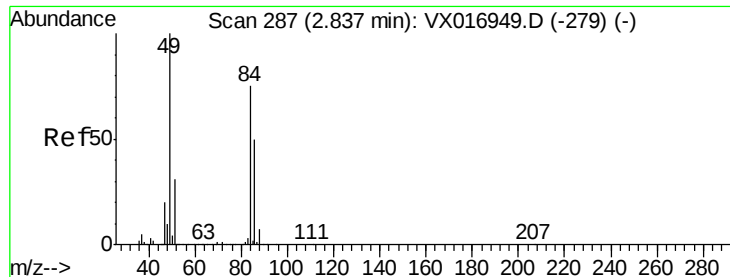
78 9.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

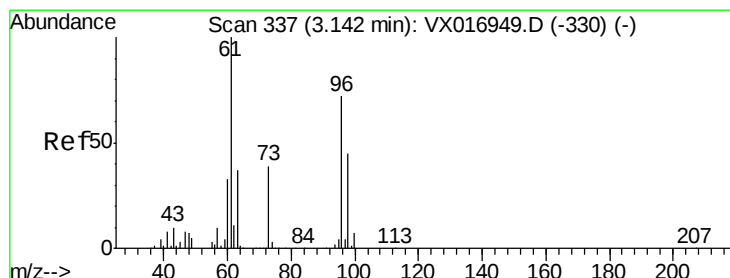
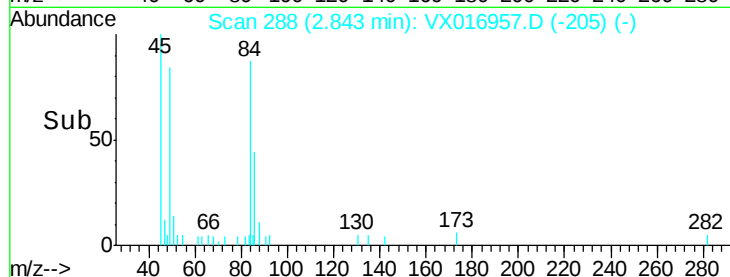
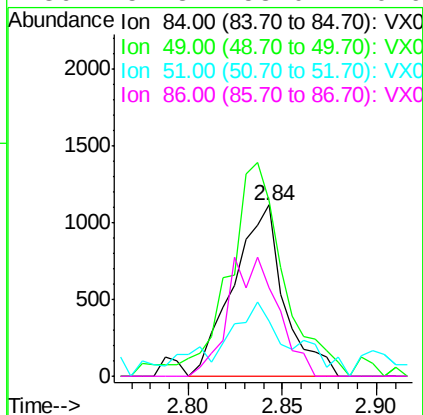
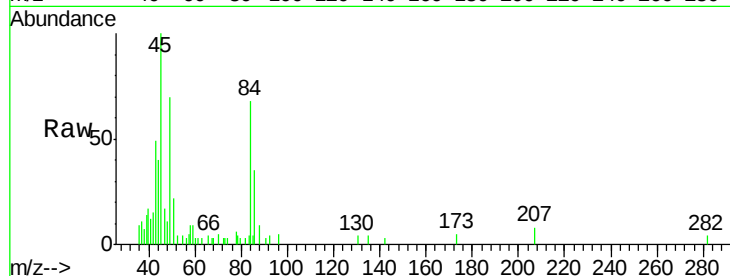




#18
Methylene Chloride
Concen: 0.748 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

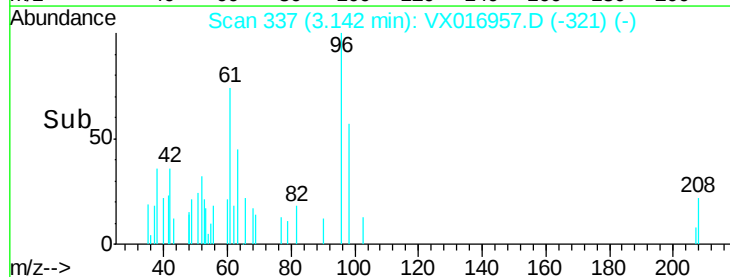
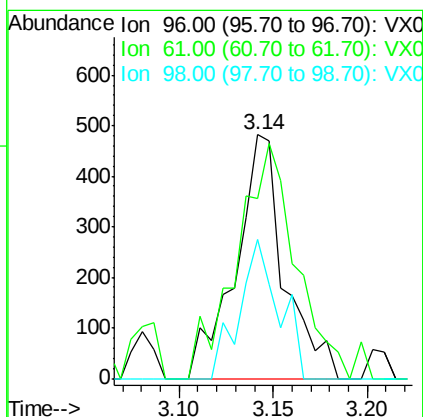
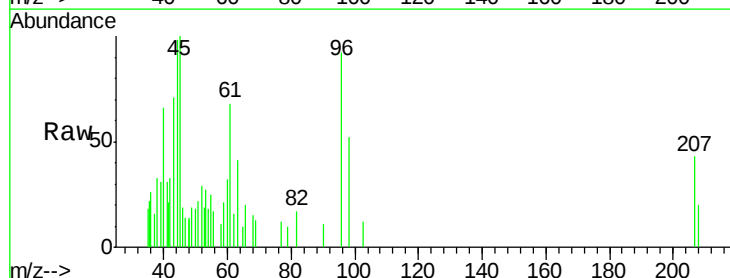
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

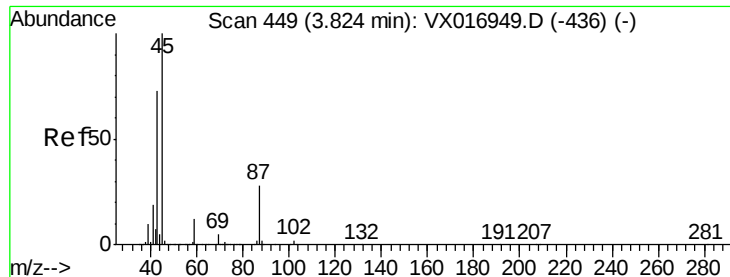
Tgt Ion:	84	Resp:	2082
Ion	Ratio	Lower	Upper
84	100		
49	93.6	106.6	159.8#
51	21.2	32.7	49.1#
86	51.3	53.0	79.6#



#19
trans-1,2-Dichloroethene
Concen: 0.332 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

Tgt Ion:	96	Resp:	869
Ion	Ratio	Lower	Upper
96	100		
61	63.3	110.6	165.8#
98	56.8	49.8	74.6





#20

Diisopropyl ether

Concen: 46.848 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

Tgt Ion: 45 Resp: 404762

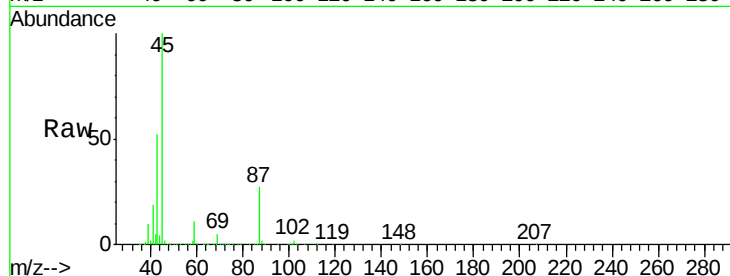
Ion Ratio Lower Upper

45 100

43 51.7 63.9 95.9#

87 27.2 22.2 33.4

59 11.4 9.8 14.6

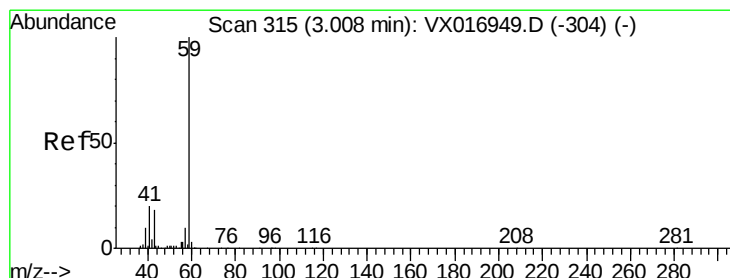
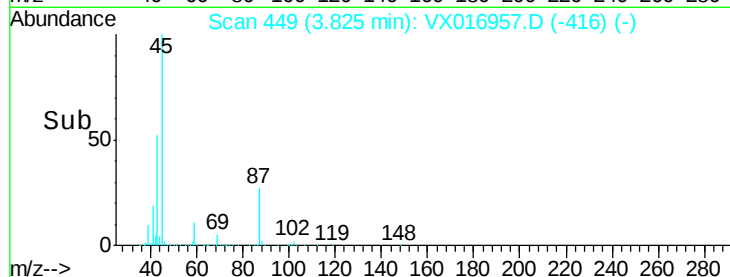
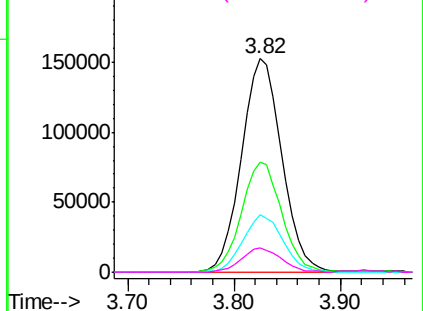


Abundance Ion 45.00 (44.70 to 45.70): VX0

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



#23

tert-Butyl Alcohol

Concen: 2.130 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX016957.D

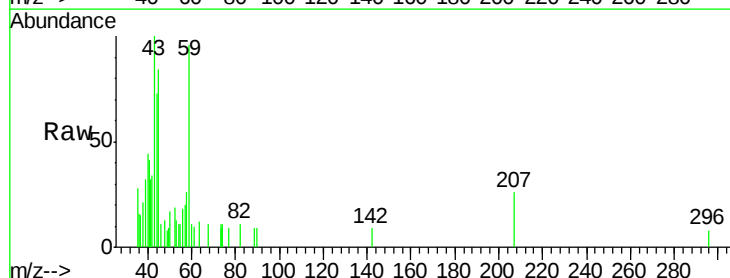
Acq: 25 Jun 2020 16:36

Tgt Ion: 59 Resp: 1302

Ion Ratio Lower Upper

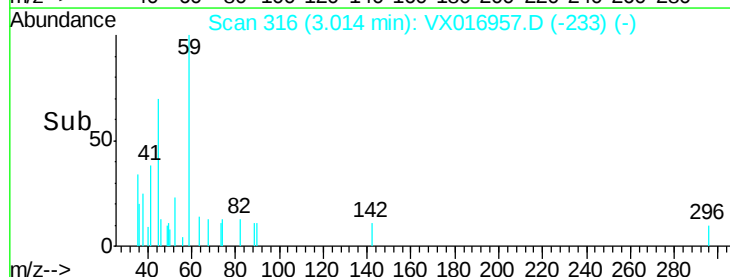
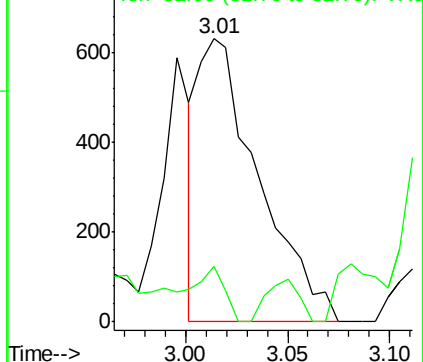
59 100

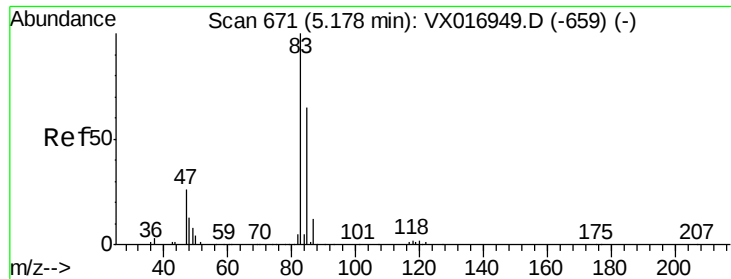
52 9.9 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#25

Chloroform

Concen: 0.527 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

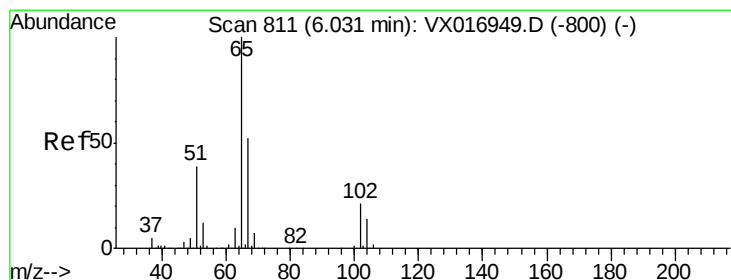
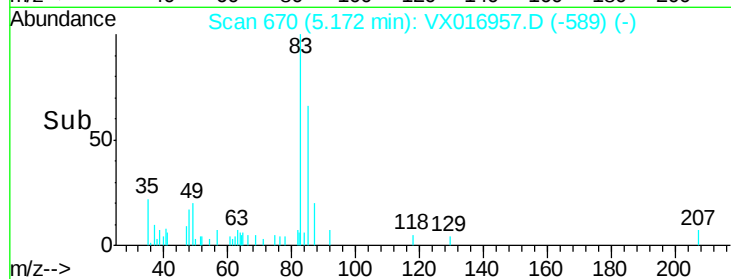
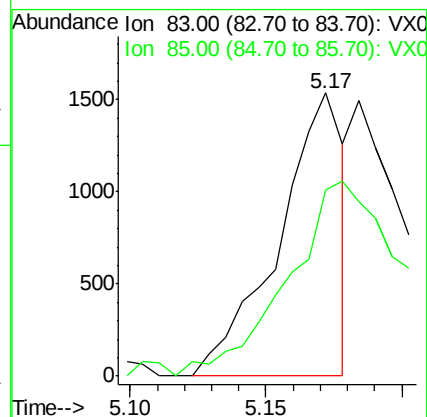
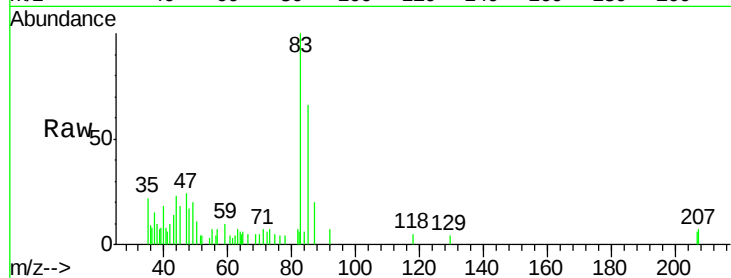
EFF-WW

Tgt Ion: 83 Resp: 2545

Ion Ratio Lower Upper

83 100

85 60.8 52.1 78.1



#27

1,2-Dichloroethane-d4

Concen: 29.687 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016957.D

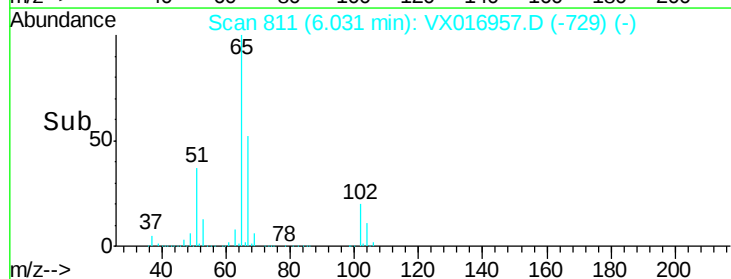
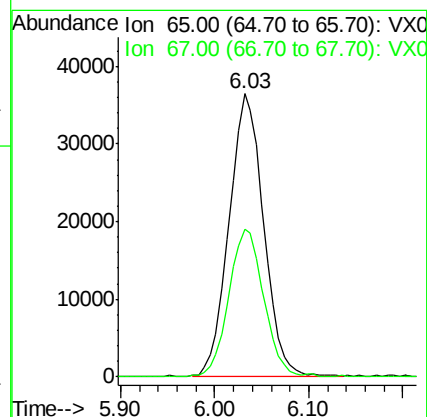
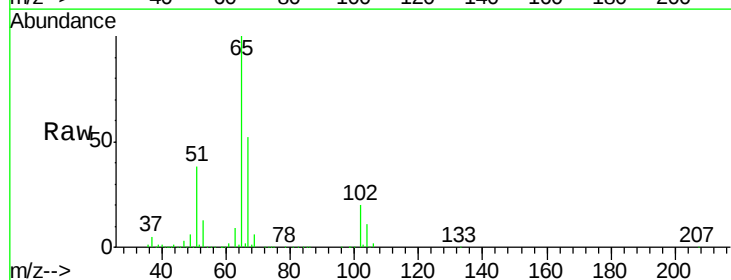
Acq: 25 Jun 2020 16:36

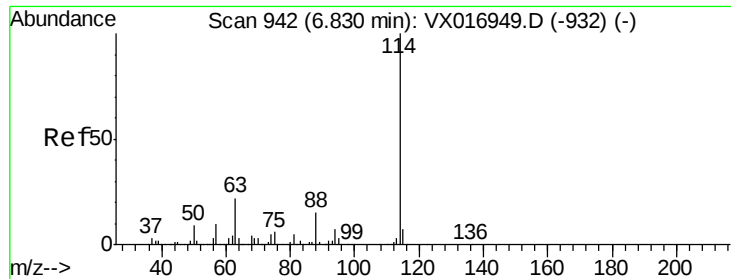
Tgt Ion: 65 Resp: 93214

Ion Ratio Lower Upper

65 100

67 52.4 41.5 62.3

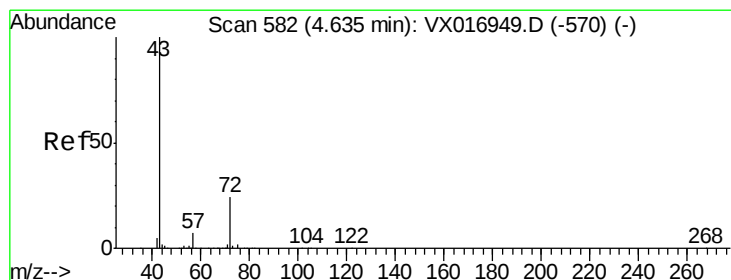
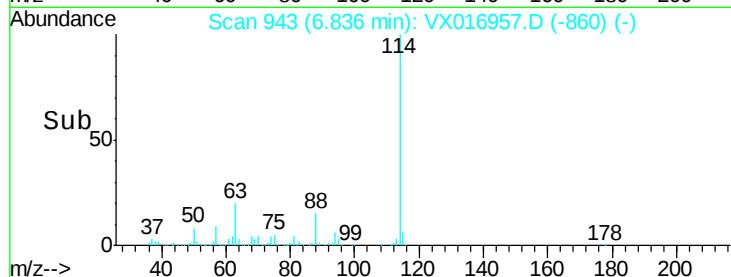
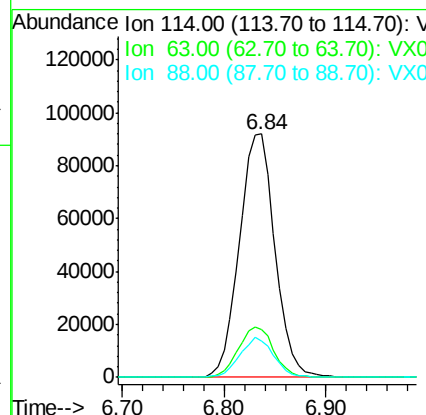
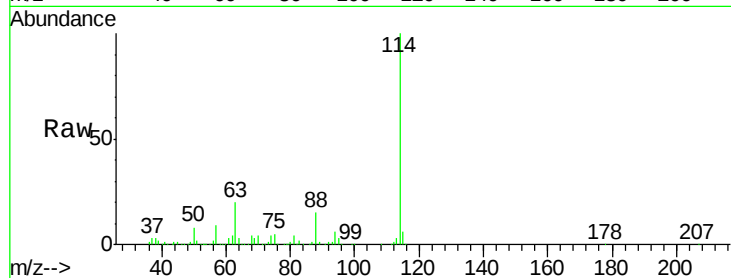




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

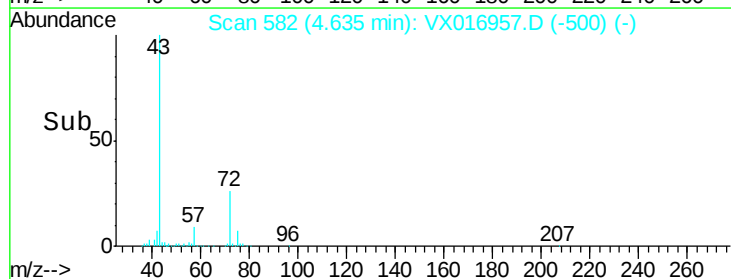
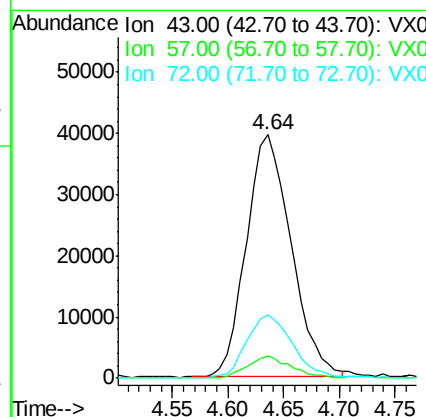
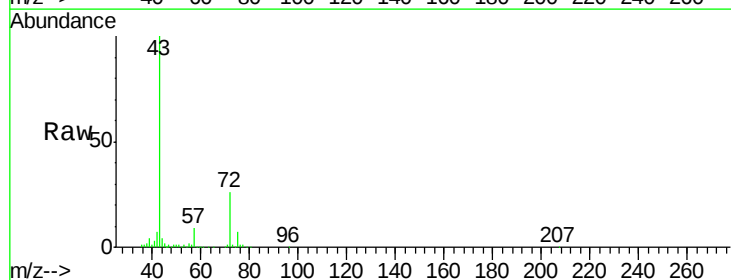
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

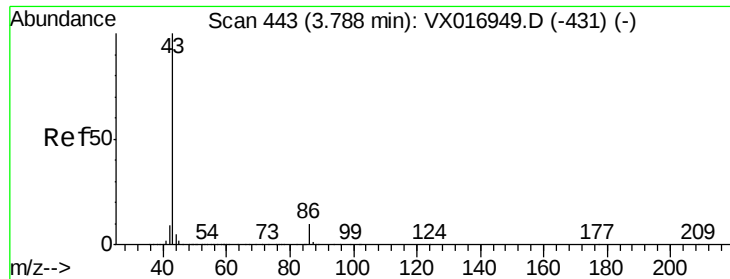
Tgt Ion:114 Resp: 222387
 Ion Ratio Lower Upper
 114 100
 63 20.8 17.4 26.2
 88 15.6 13.0 19.6



#30
 2-Butanone
 Concen: 59.015 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Tgt Ion: 43 Resp: 111441
 Ion Ratio Lower Upper
 43 100
 57 8.7 6.2 9.4
 72 27.0 20.6 31.0





#42

Vinyl Acetate

Concen: 27.327 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.04 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

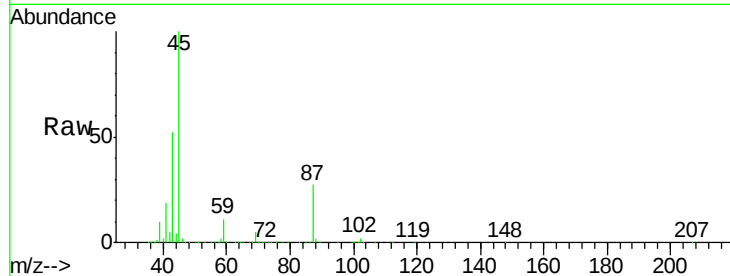
EFF-WW

Tgt Ion: 43 Resp: 207952

Ion Ratio Lower Upper

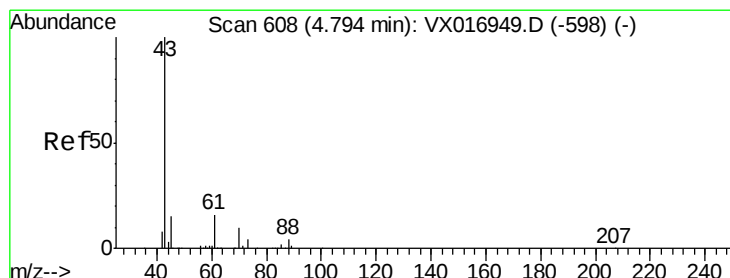
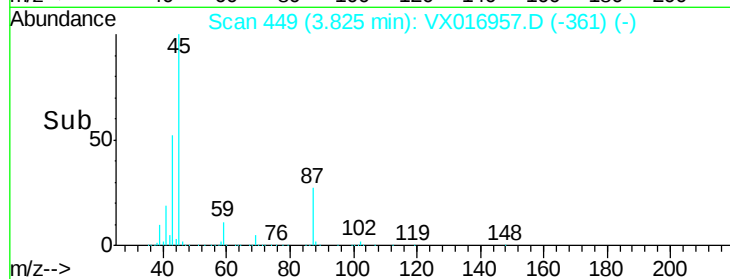
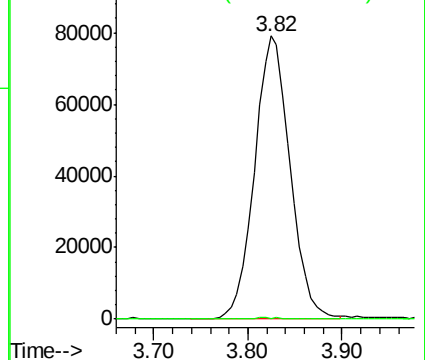
43 100

86 0.2 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#43

Ethyl Acetate

Concen: 0.311 ug/l

RT: 4.45 min Scan# 552

Delta R.T. -0.34 min

Lab File: VX016957.D

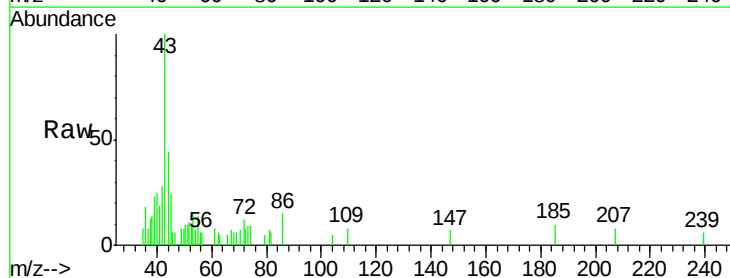
Acq: 25 Jun 2020 16:36

Tgt Ion: 43 Resp: 1215

Ion Ratio Lower Upper

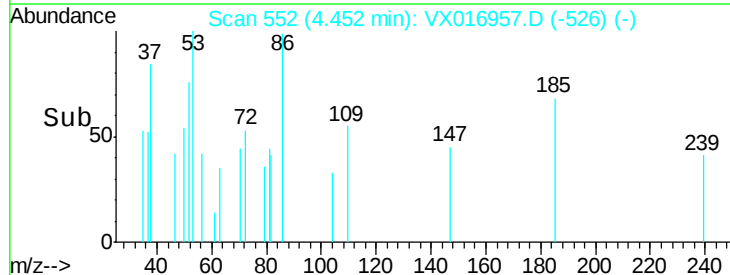
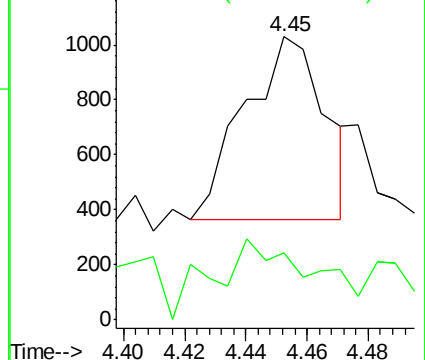
43 100

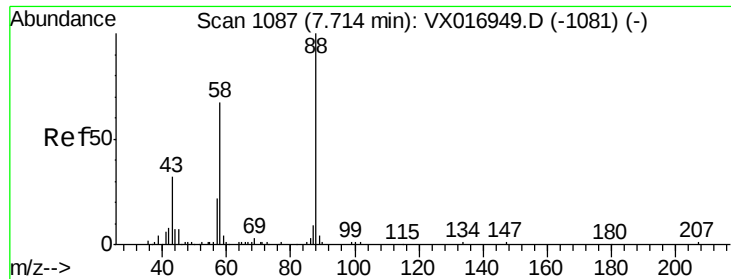
45 12.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

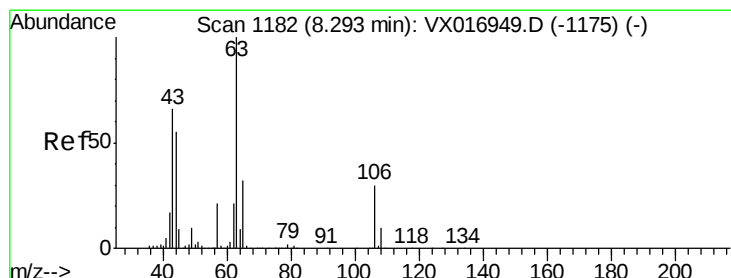
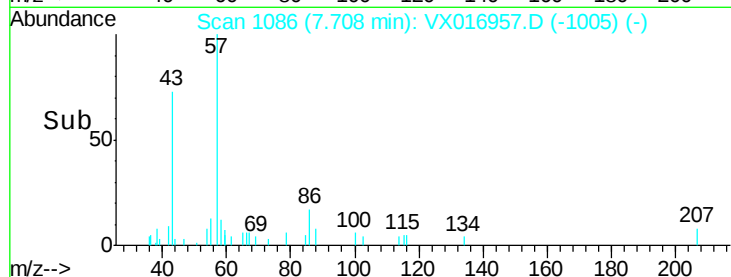
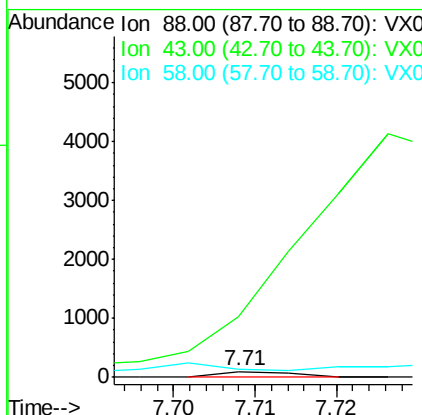
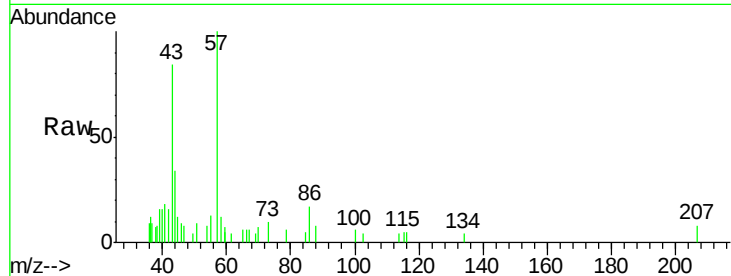




#45
 1,4-Dioxane
 Concen: 0.938 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

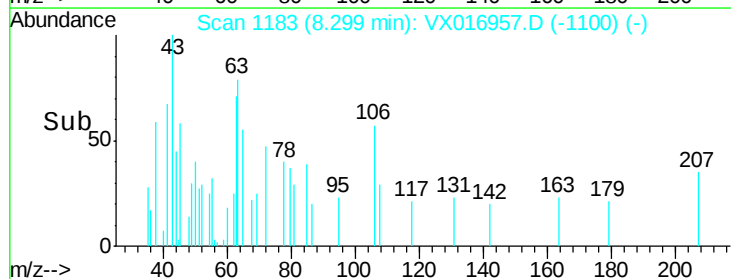
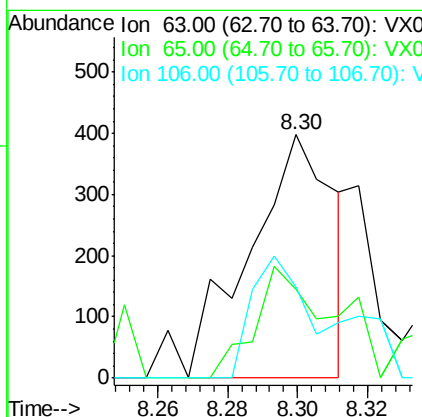
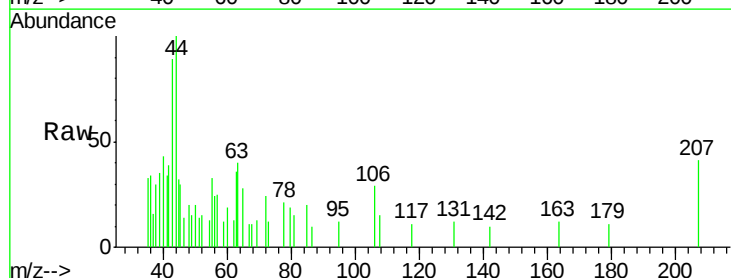
Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

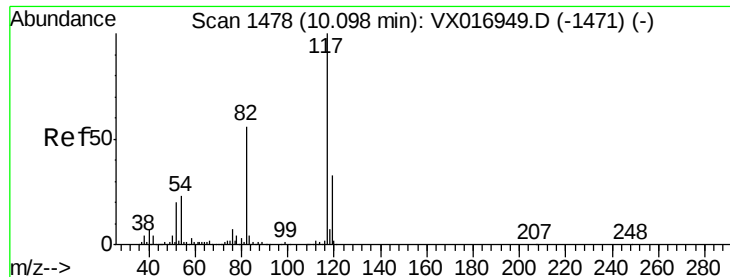
Tgt Ion: 88 Resp: 61
 Ion Ratio Lower Upper
 88 100
 43 173.8 28.9 43.3#
 58 490.2 56.7 85.1#



#55
 2-Chloroethyl vinyl ether
 Concen: 0.311 ug/l
 RT: 8.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Tgt Ion: 63 Resp: 664
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.9 38.9
 106 31.2 22.6 33.8

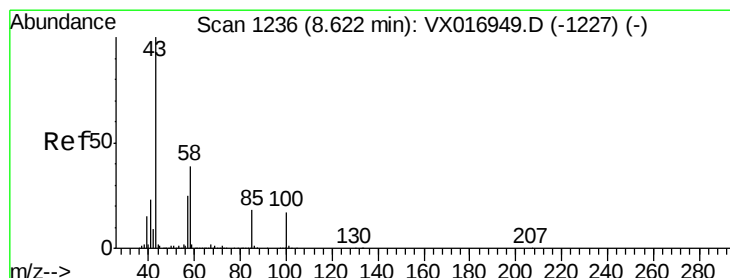
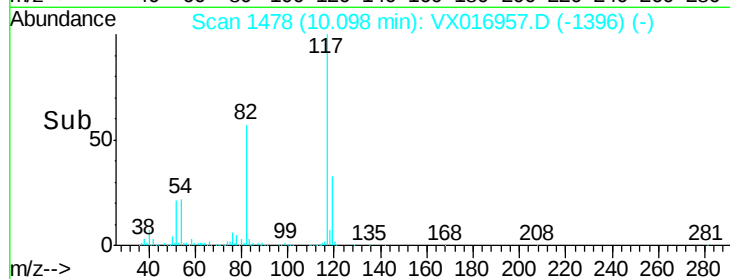
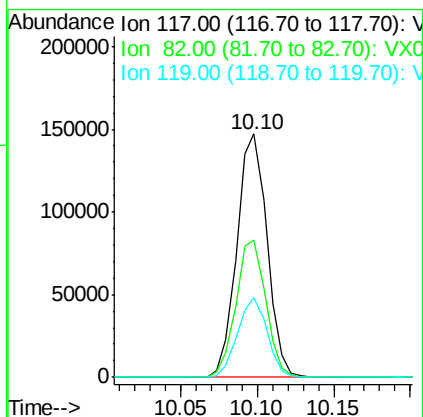
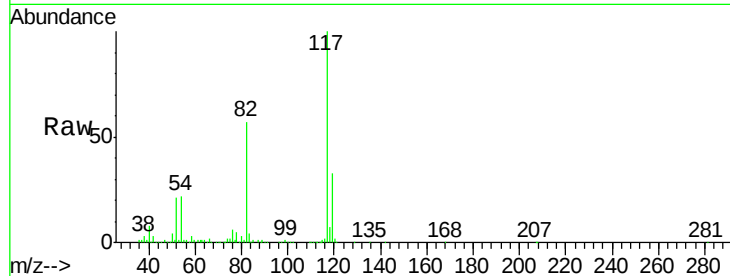




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

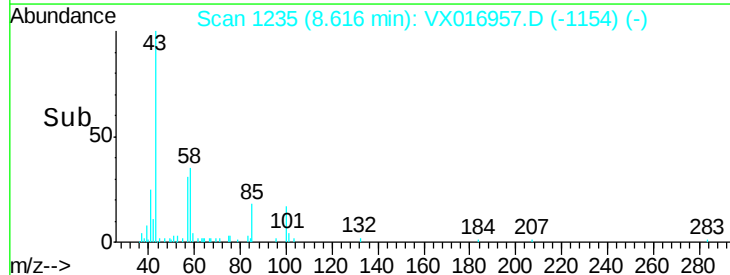
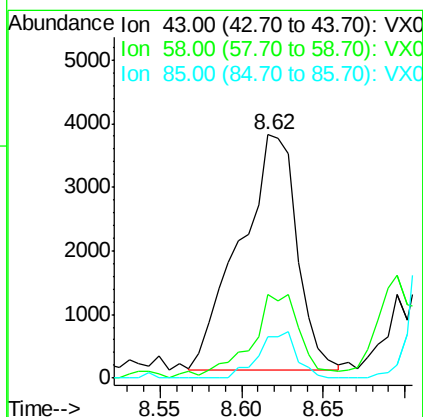
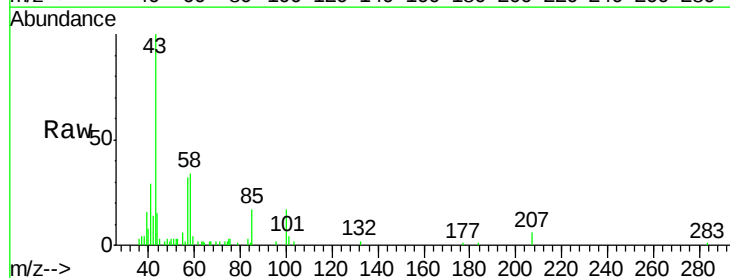
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

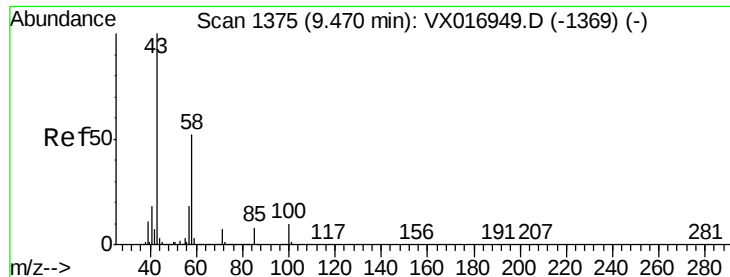
Tgt Ion: 117 Resp: 201512
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 2.427 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

Tgt Ion: 43 Resp: 9008
Ion Ratio Lower Upper
43 100
58 28.1 30.4 45.6#
85 12.8 13.5 20.3#

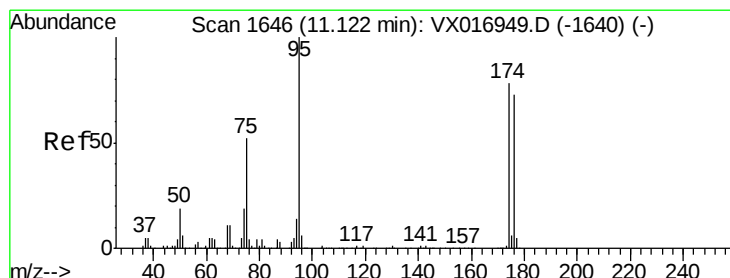
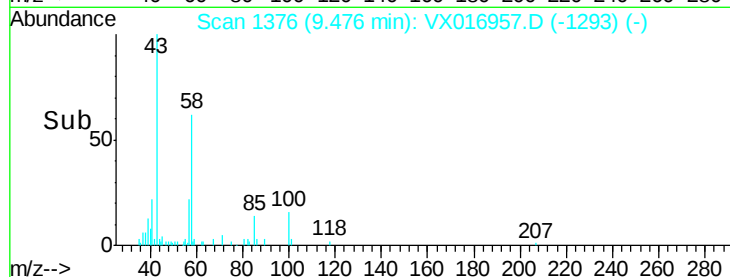
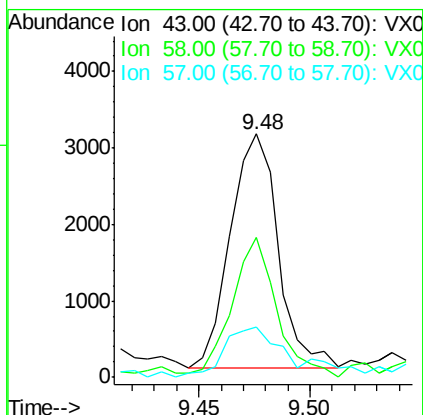
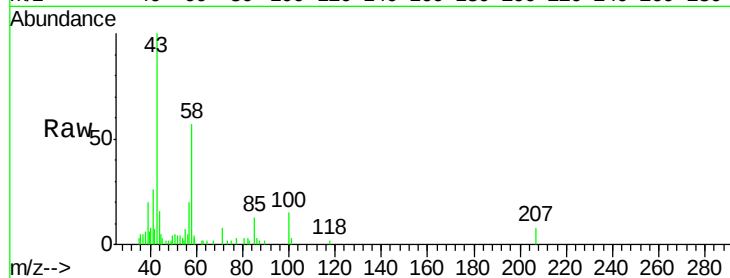




#59
2-Hexanone
Concen: 1.652 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

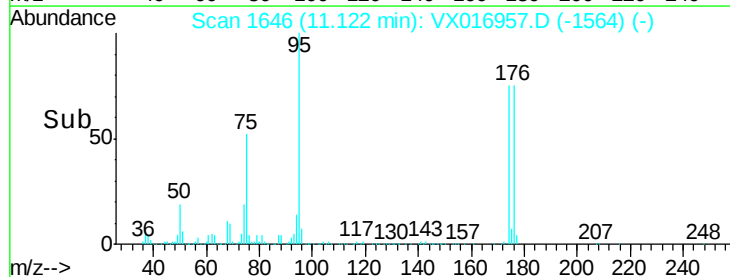
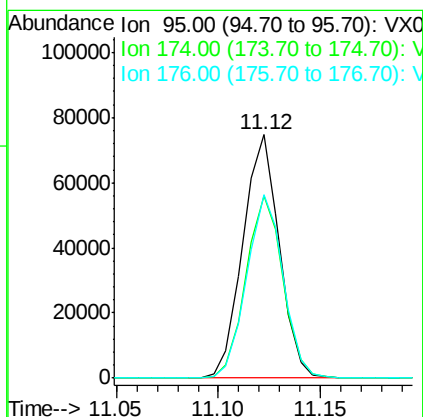
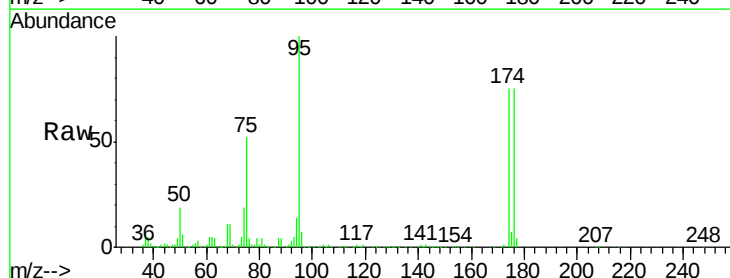
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

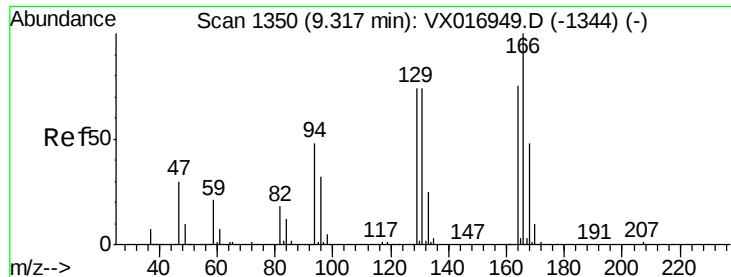
Tgt Ion: 43 Resp: 4576
Ion Ratio Lower Upper
43 100
58 56.3 42.3 63.5
57 24.5 14.1 21.1#



#60
4-Bromofluorobenzene
Concen: 27.533 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

Tgt Ion: 95 Resp: 92529
Ion Ratio Lower Upper
95 100
174 76.1 62.2 93.4
176 75.9 58.9 88.3





#61

Tetrachloroethene

Concen: 0.201 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

Tgt Ion:164 Resp: 516

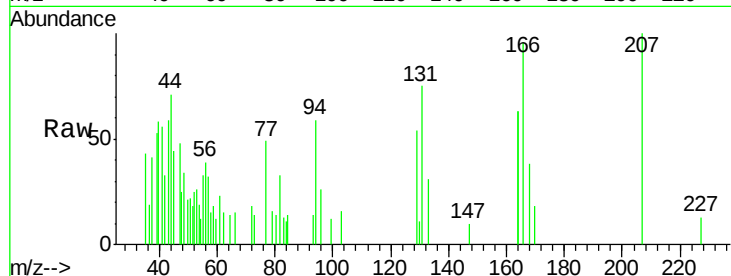
Ion Ratio Lower Upper

164 100

166 66.8 106.3 159.5#

129 32.6 78.9 118.3#

131 59.5 78.2 117.4#

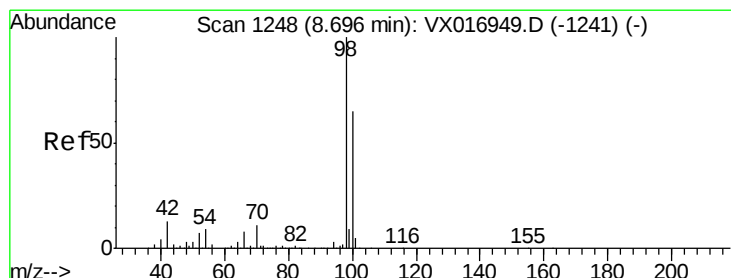
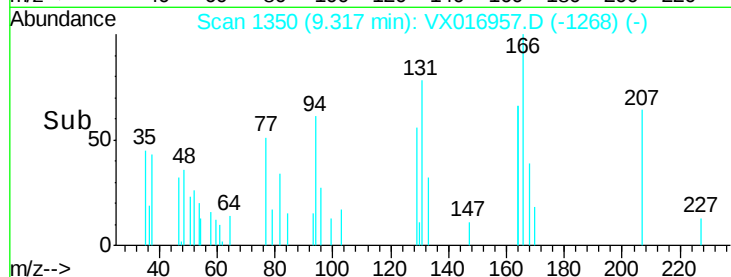
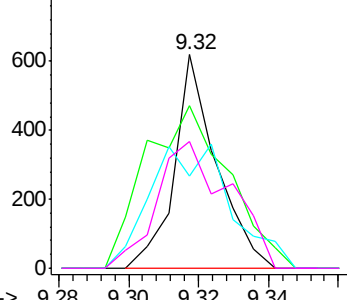


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: 29.417 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016957.D

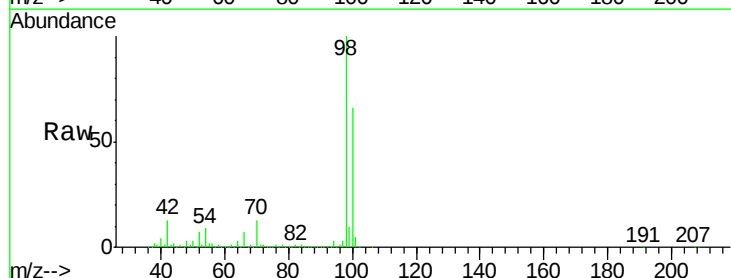
Acq: 25 Jun 2020 16:36

Tgt Ion: 98 Resp: 261308

Ion Ratio Lower Upper

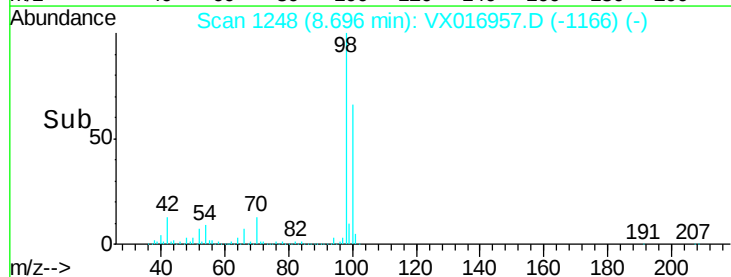
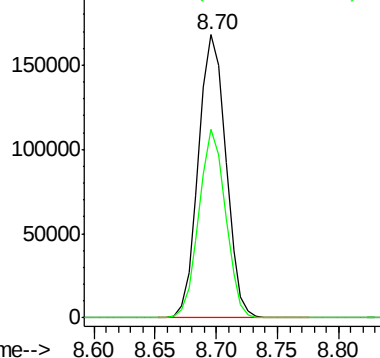
98 100

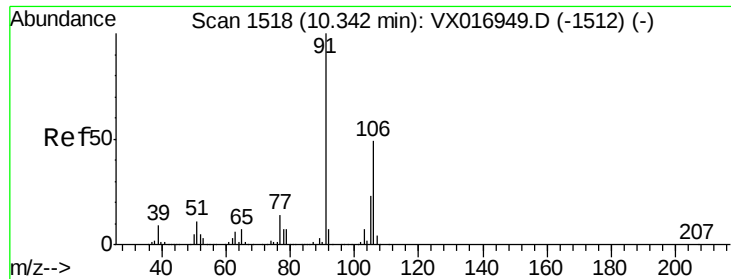
100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#67

m/p-Xylenes

Concen: 0.278 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

Instrument :

MSVOA_X

ClientSampleId :

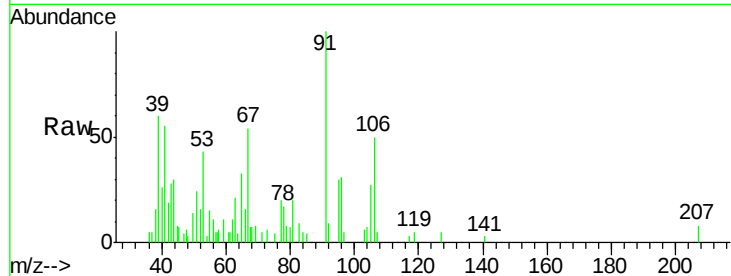
EFF-WW

Tgt Ion:106 Resp: 1281

Ion Ratio Lower Upper

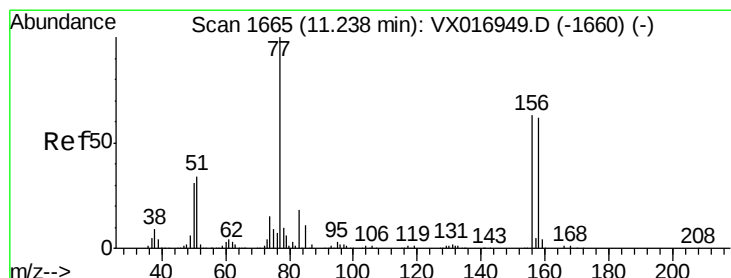
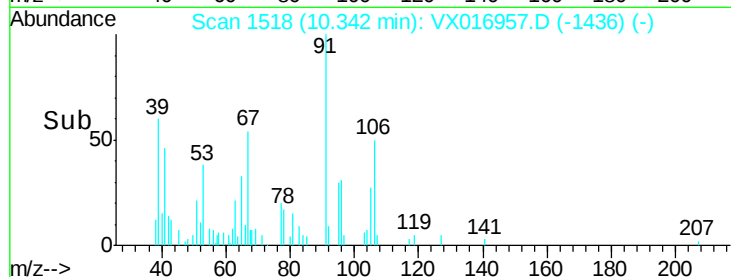
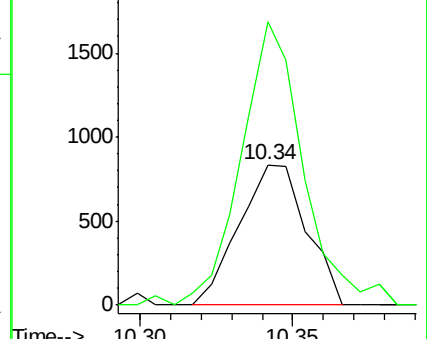
106 100

91 185.2 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#73

Bromobenzene

Concen: 0.226 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016957.D

Acq: 25 Jun 2020 16:36

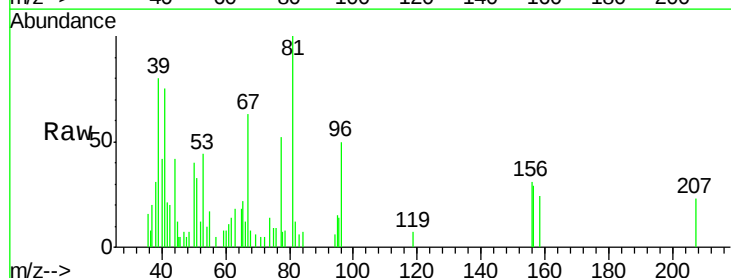
Tgt Ion:156 Resp: 686

Ion Ratio Lower Upper

156 100

77 143.6 0.0 317.2

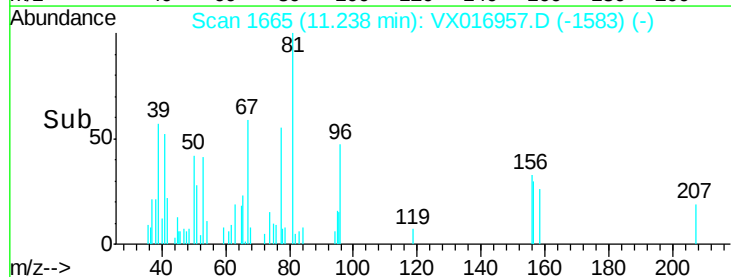
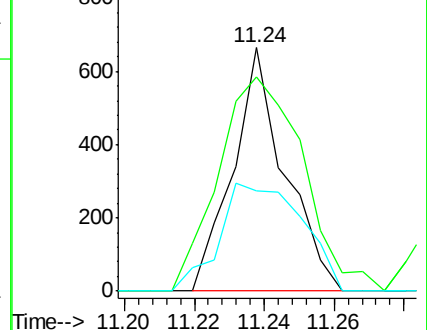
158 70.6 0.0 188.4

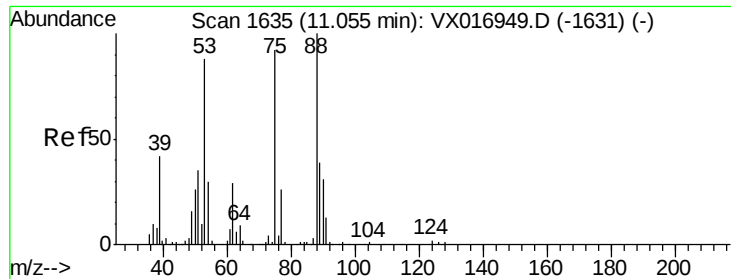


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V

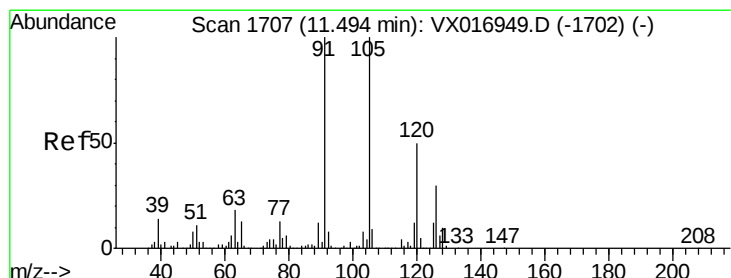
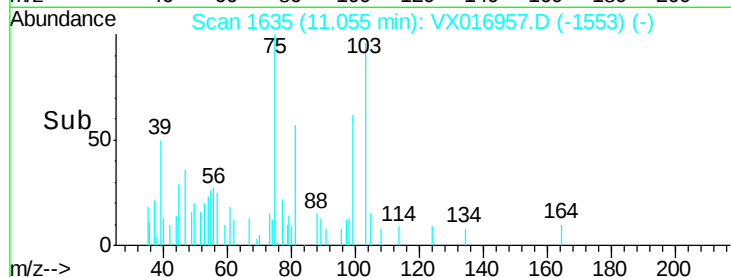
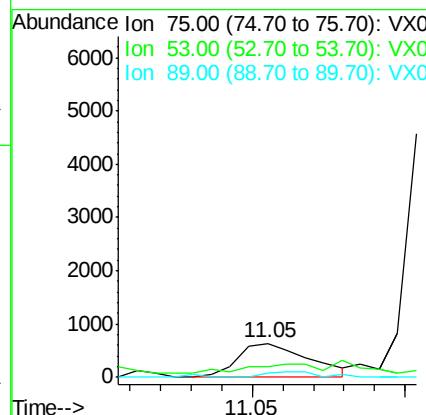
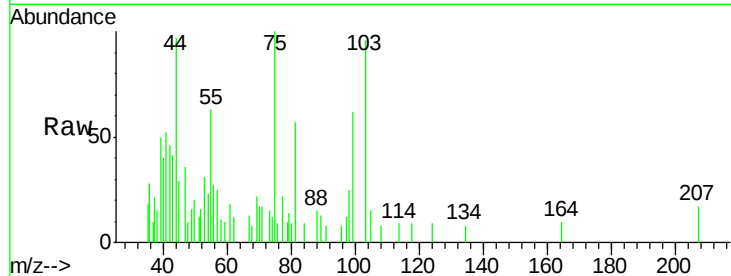




#77
t-1,4-Dichloro-2-butene
Concen: 0.715 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

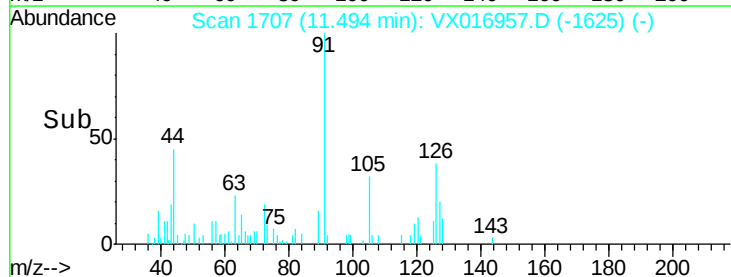
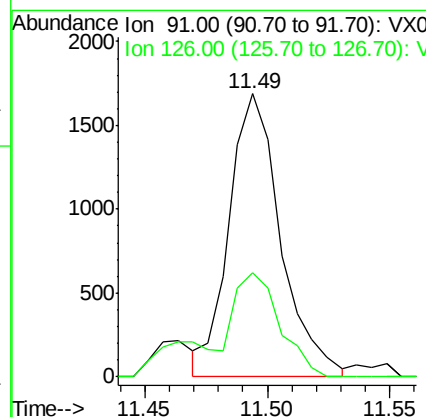
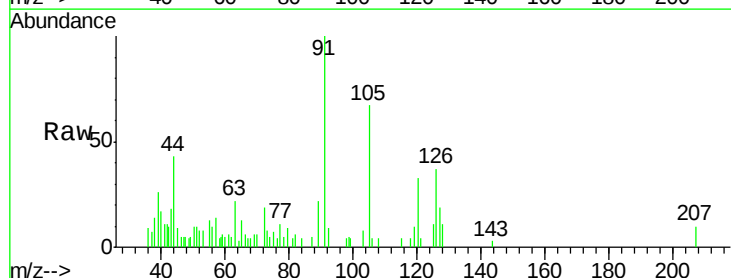
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

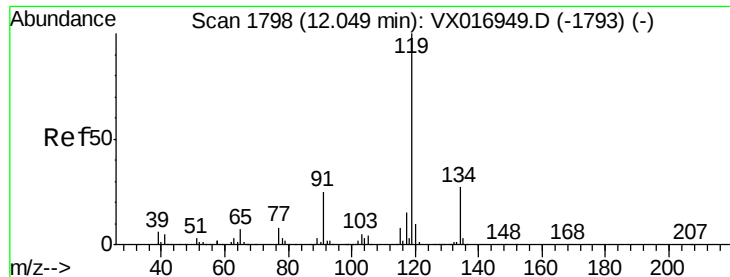
Tgt Ion: 75 Resp: 1027
Ion Ratio Lower Upper
75 100
53 17.2 47.6 142.9#
89 4.1 21.1 63.4#



#78
4-Chlorotoluene
Concen: 0.252 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

Tgt Ion: 91 Resp: 2477
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.6

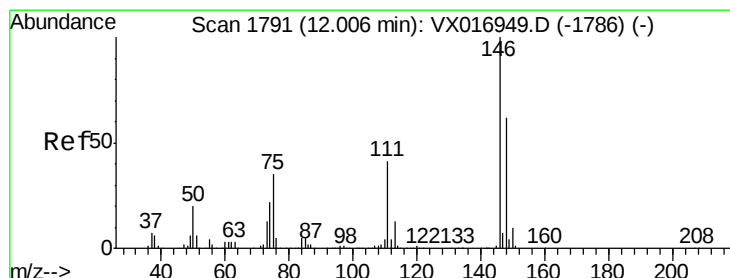
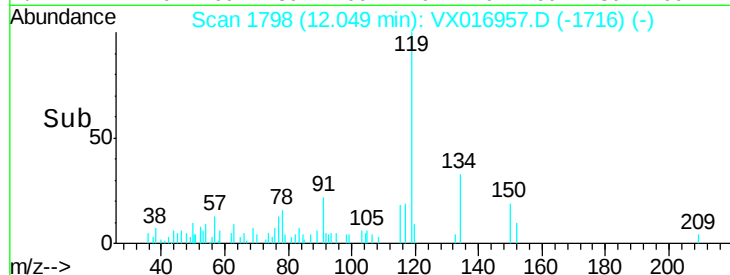
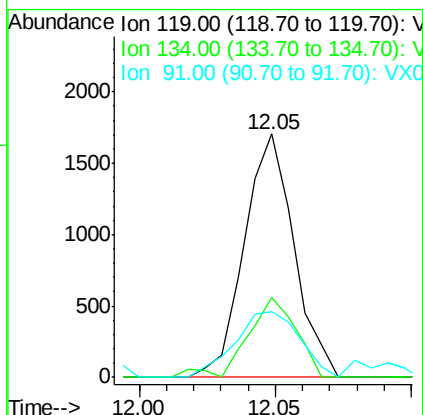
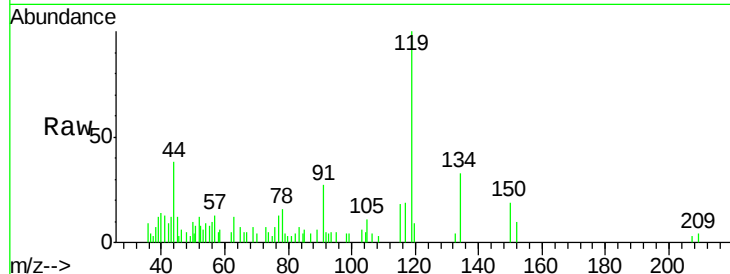




#82
 p-Isopropyltoluene
 Concen: 0.204 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

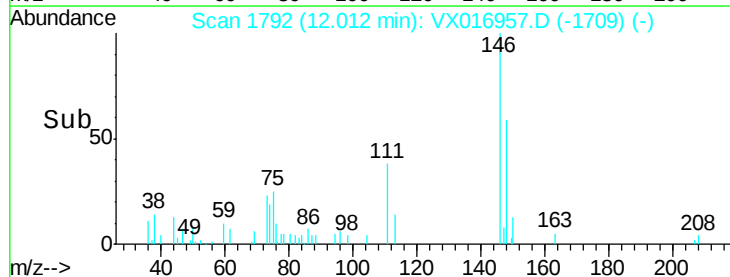
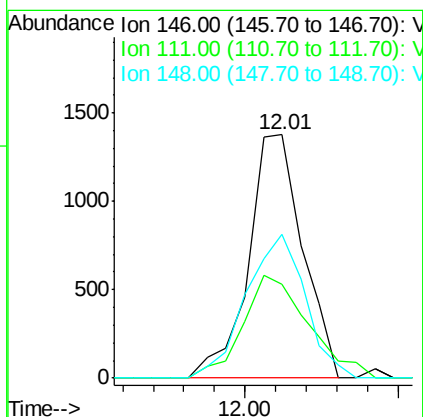
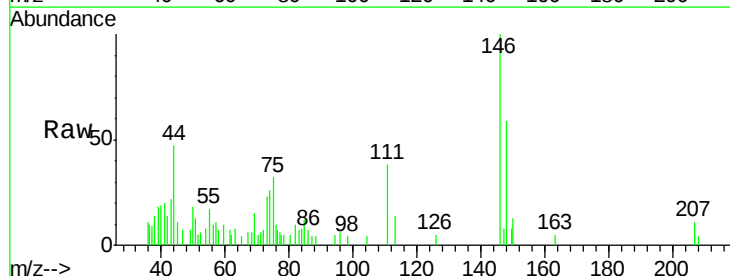
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

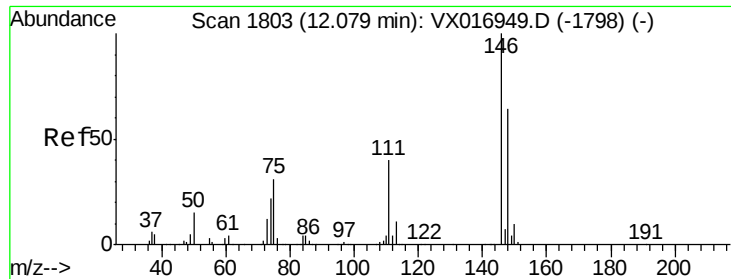
Tgt Ion:119 Resp: 2150
 Ion Ratio Lower Upper
 119 100
 134 30.3 0.0 53.0
 91 35.3 0.0 49.0



#83
 1,3-Dichlorobenzene
 Concen: 0.313 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Tgt Ion:146 Resp: 1701
 Ion Ratio Lower Upper
 146 100
 111 50.9 19.5 58.5
 148 64.7 31.8 95.4

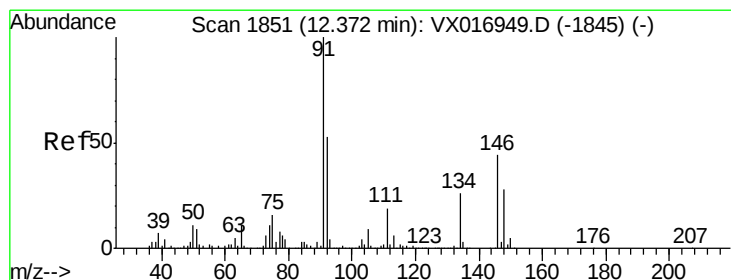
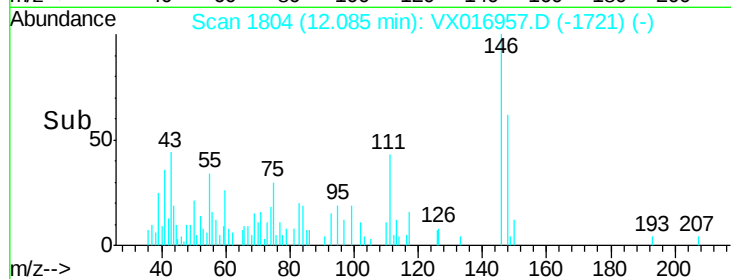
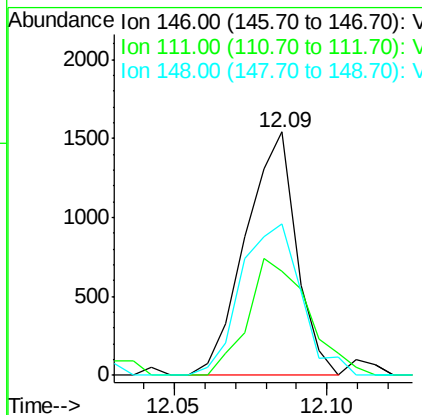
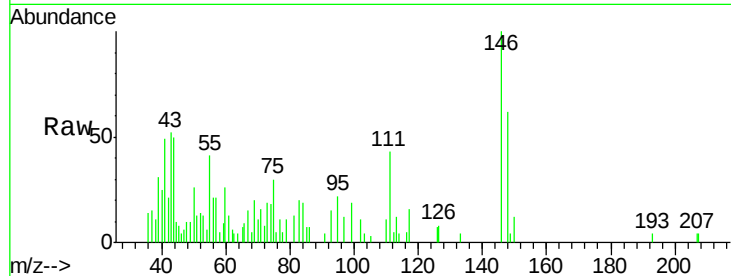




#84
 1,4-Dichlorobenzene
 Concen: 0.326 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

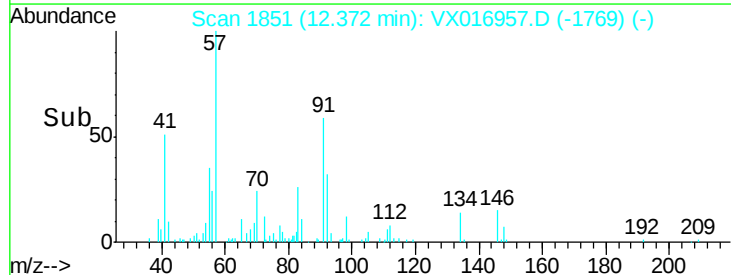
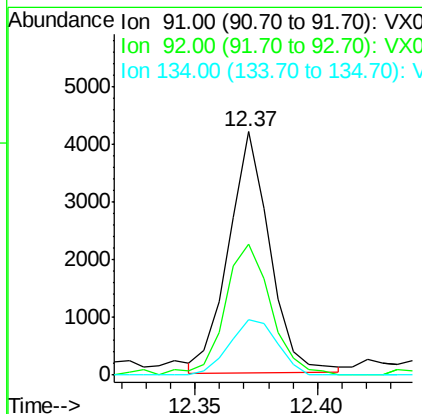
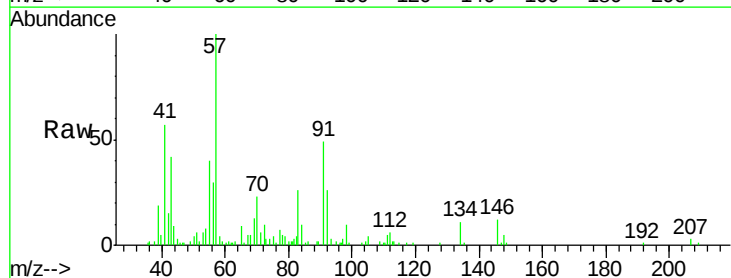
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

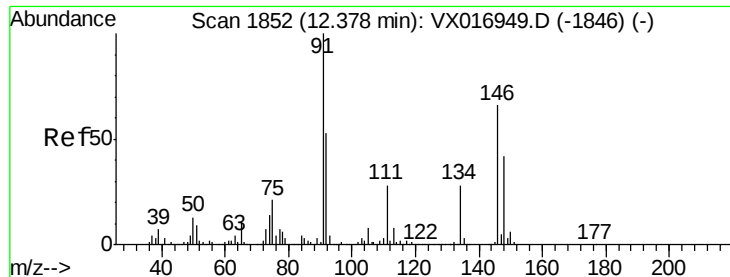
Tgt Ion:146 Resp: 1777
 Ion Ratio Lower Upper
 146 100
 111 57.2 19.4 58.2
 148 73.9 32.1 96.3



#85
 n-Butylbenzene
 Concen: 0.501 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Tgt Ion: 91 Resp: 4892
 Ion Ratio Lower Upper
 91 100
 92 59.5 0.0 105.8
 134 26.8 0.0 52.2

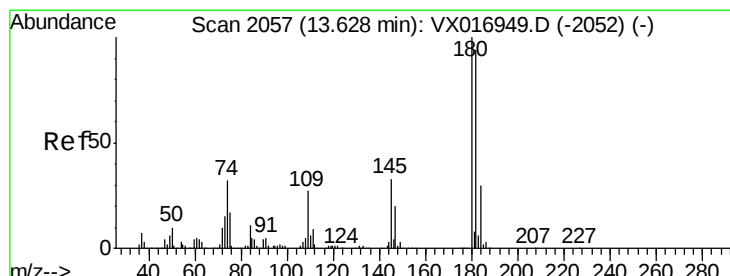
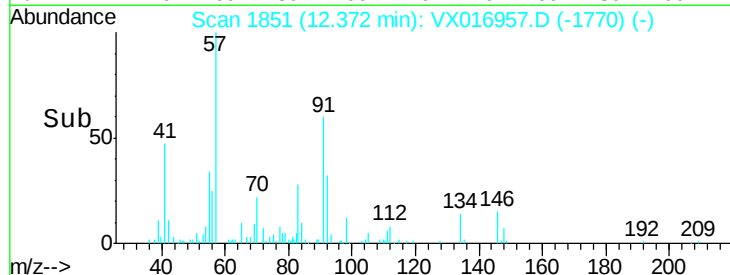
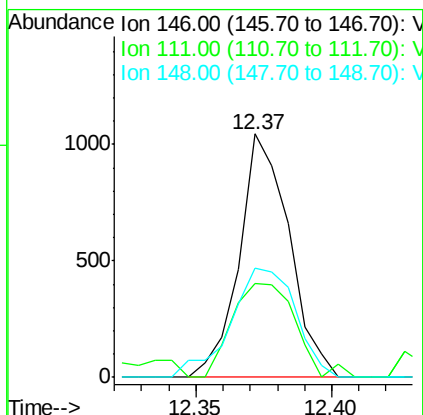
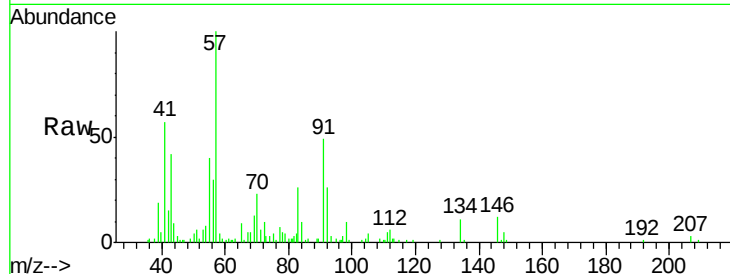




#87
 1,2-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

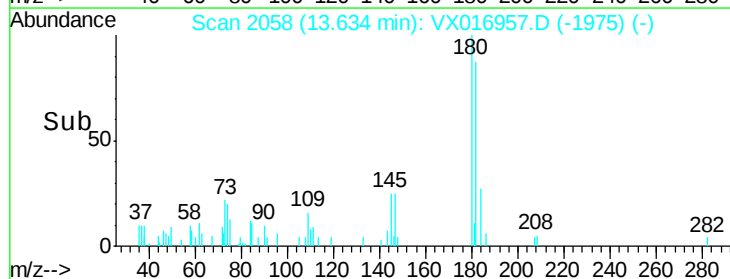
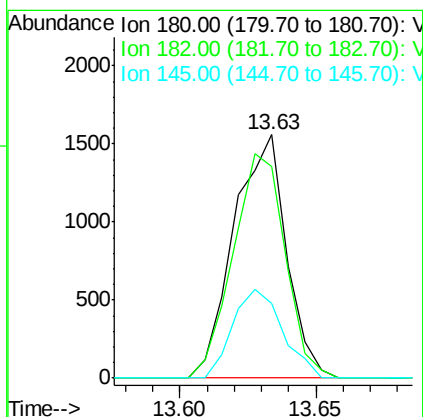
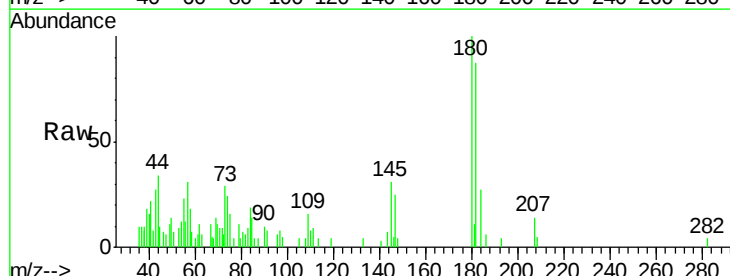
Instrument :
 MSVOA_X
 ClientSampled :
 EFF-WW

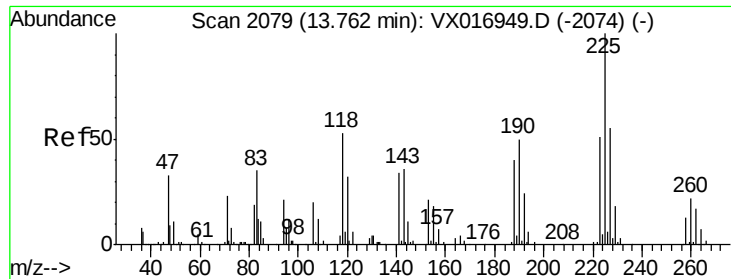
Tgt Ion:146 Resp: 1329
 Ion Ratio Lower Upper
 146 100
 111 47.3 21.1 63.1
 148 58.5 32.1 96.3



#89
 1,2,4-Trichlorobenzene
 Concen: 0.609 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Tgt Ion:180 Resp: 2090
 Ion Ratio Lower Upper
 180 100
 182 91.6 77.7 116.5
 145 34.4 26.2 39.2

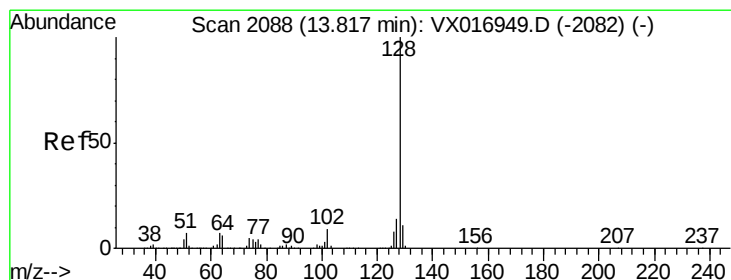
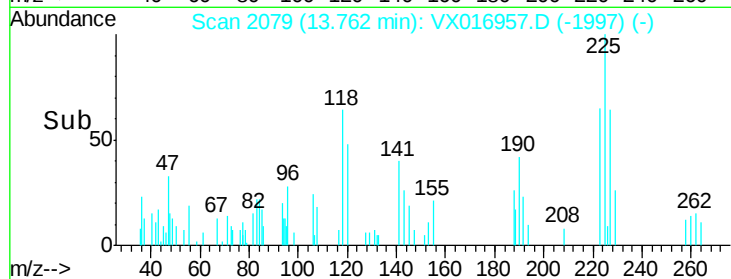
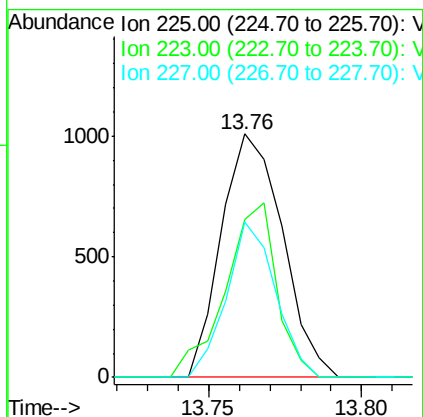
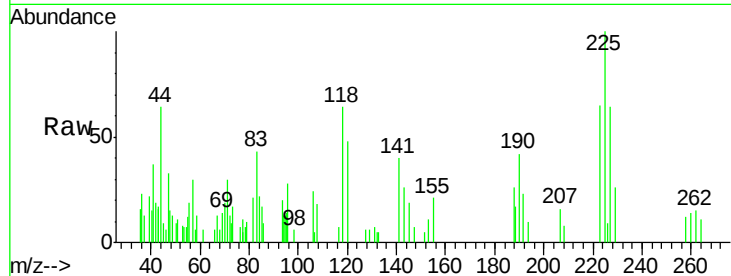




#90
Hexachlorobutadiene
Concen: 1.073 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

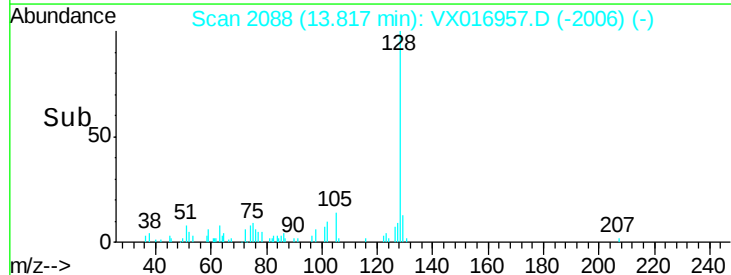
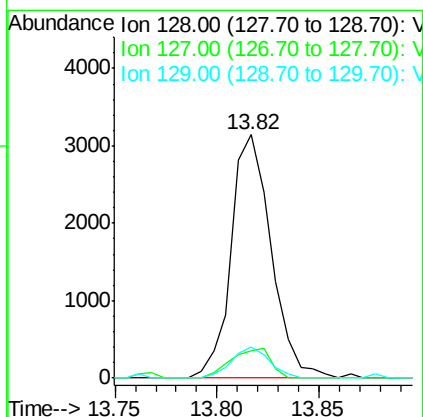
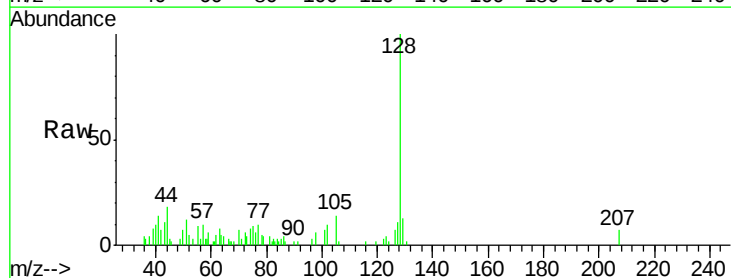
Instrument :
MSVOA_X
ClientSampled :
EFF-WW

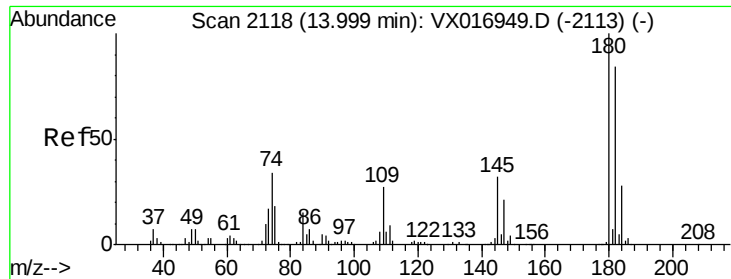
Tgt Ion: 225 Resp: 1400
Ion Ratio Lower Upper
225 100
223 60.1 0.0 125.0
227 50.9 0.0 124.0



#91
Naphthalene
Concen: 0.380 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016957.D
Acq: 25 Jun 2020 16:36

Tgt Ion: 128 Resp: 4272
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 12.2 9.0 13.4

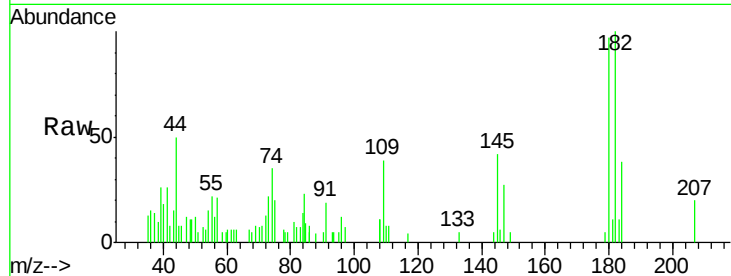




#92
 1,2,3-Trichlorobenzene
 Concen: 0.528 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016957.D
 Acq: 25 Jun 2020 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	0.0	184.8
145	41.6	0.0	68.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

