

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007140.D
 Acq On : 18 Jan 2019 17:35
 Operator : JC/SP
 Sample : K1195-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW009-190116

Quant Time: Jan 18 21:53:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	826785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	778945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	286064	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	255325	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	986624	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	366526	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2027	0.398	ug/l #	73
4) Vinyl Chloride	1.41	62	1206	0.220	ug/l #	1
6) Chloroethane	1.59	64	39096	10.226	ug/l #	49
11) Tert butyl alcohol	3.07	59	2855	2.175	ug/l #	65
13) Acrolein	2.30	56	140	3.328	ug/l #	13
16) Acetone	2.45	43	35185	12.790	ug/l	94
17) Carbon Disulfide	2.57	76	2934	0.233	ug/l #	52
20) Methylene Chloride	2.86	84	1002	Below Cal	#	70
25) 2-Butanone	4.70	43	983	0.250	ug/l #	47
31) Cyclohexane	5.58	56	2091	0.266	ug/l #	51
36) 1,1-Dichloropropene	5.66	75	34669	4.823	ug/l #	49
38) Carbon Tetrachloride	5.67	117	48110	6.652	ug/l #	15
39) Methylcyclohexane	7.47	83	3516	0.384	ug/l #	85
40) Benzene	6.15	78	24980	1.139	ug/l	98
49) 1,4-Dioxane	7.77	88	110	Below Cal	#	1
52) Toluene	8.79	92	2906	0.206	ug/l	88
65) Chlorobenzene	10.14	112	3004670	176.858	ug/l	98
69) o-Xylene	10.69	106	3117	0.289	ug/l	76
73) Isopropylbenzene	11.02	105	66227	2.307	ug/l	99
74) N-amyl acetate	10.91	43	4503	0.390	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	4046	0.444	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	175834	21.318	ug/l #	40
78) n-propylbenzene	11.36	91	54828	1.740	ug/l	98
80) 1,3,5-Trimethylbenzene	11.66	105	15383	0.641	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	175834	63.250	ug/l #	10
83) tert-Butylbenzene	11.77	119	83699	3.498	ug/l	86
84) 1,2,4-Trimethylbenzene	11.66	105	15383	0.638	ug/l	81
85) sec-Butylbenzene	11.94	105	75148	2.630	ug/l	96
86) p-Isopropyltoluene	12.23	119	349828	13.686	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	4267	0.299	ug/l #	60
88) 1,4-Dichlorobenzene	12.10	146	8914	0.801	ug/l #	56
89) n-Butylbenzene	12.38	91	10737	0.493	ug/l #	65
90) Hexachloroethane	12.70	117	175568	43.432	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.98	75	585	0.325	ug/l #	1

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Response via : Initial Calibration

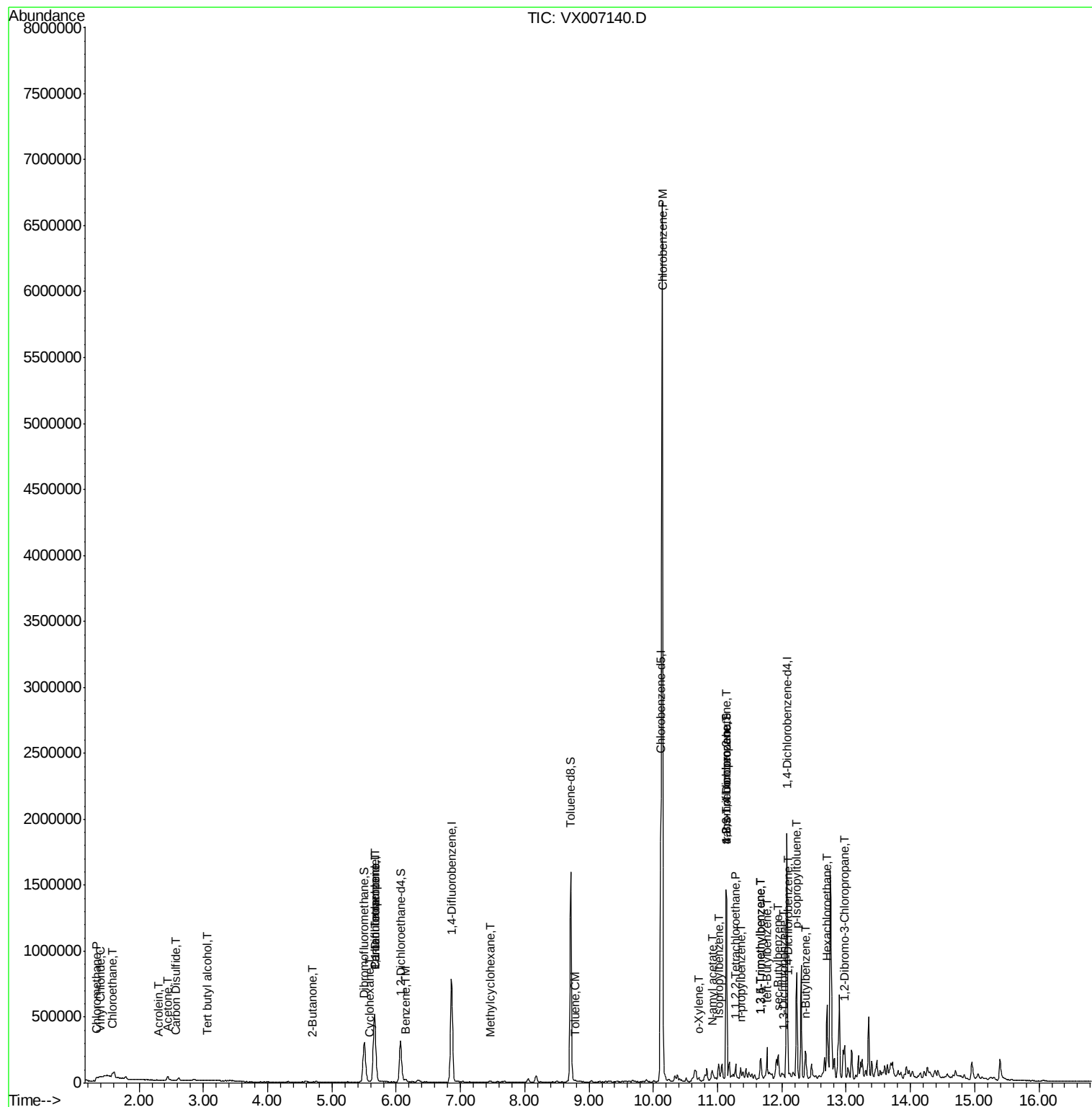
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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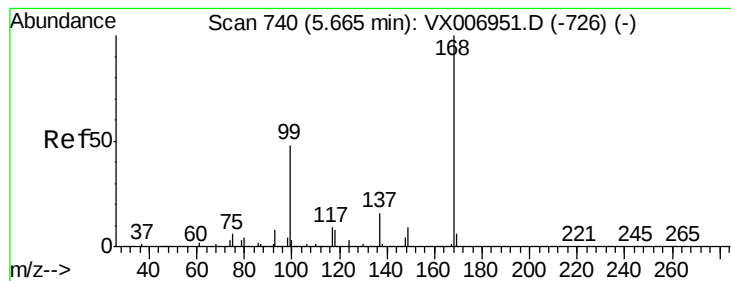
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

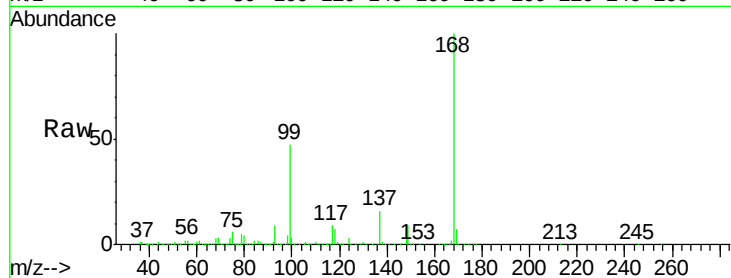
SS038MW009-190116

Tot Ion:168 Resp: 532470

Ion Ratio Lower Upper

168 100

99 46.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

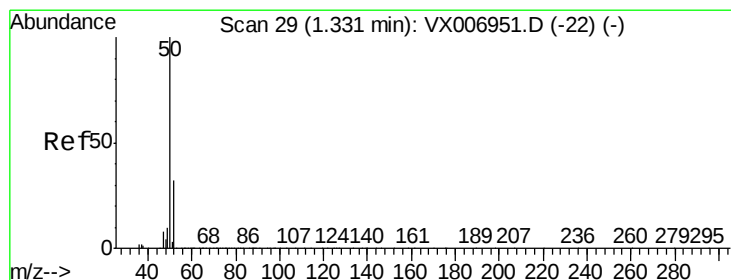
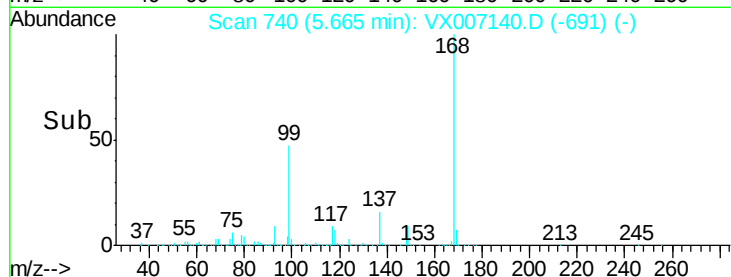
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.398 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007140.D

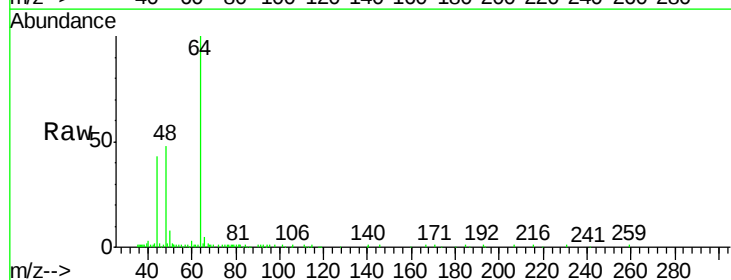
Acq: 18 Jan 2019 17:35

Tgt Ion: 50 Resp: 2027

Ion Ratio Lower Upper

50 100

52 16.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

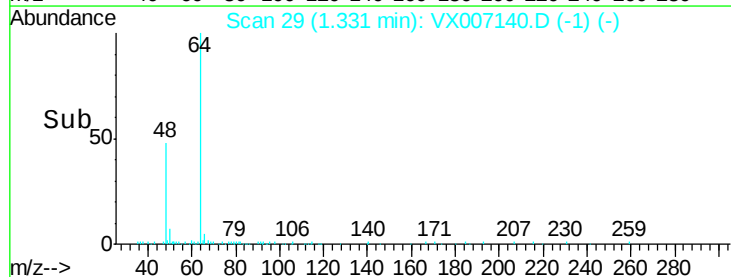
1.33

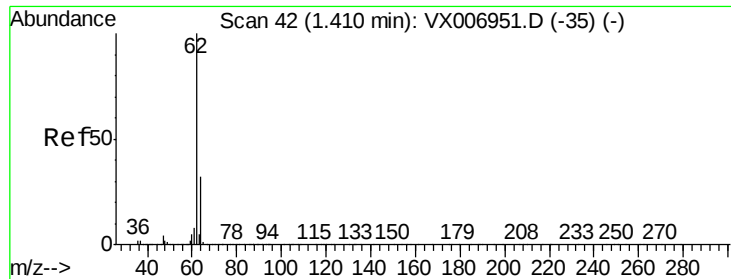
1000

500

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.220 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

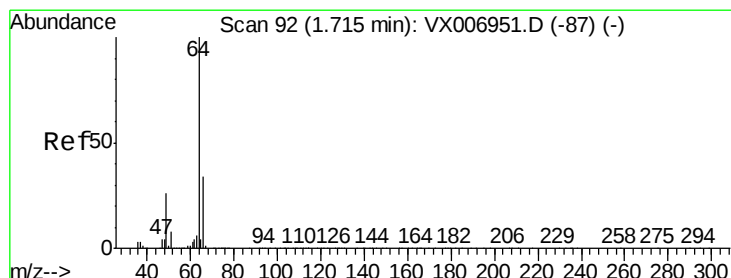
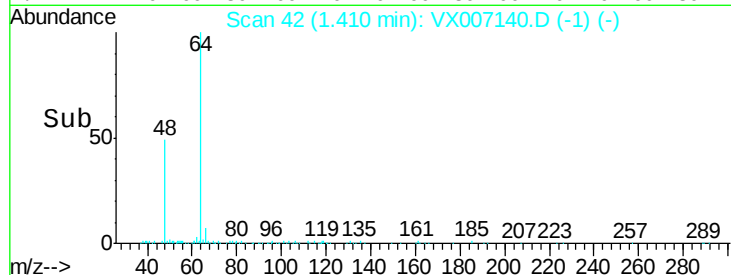
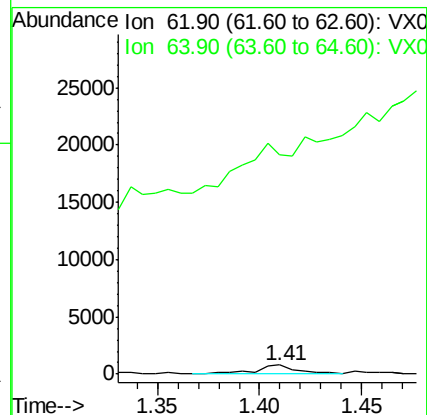
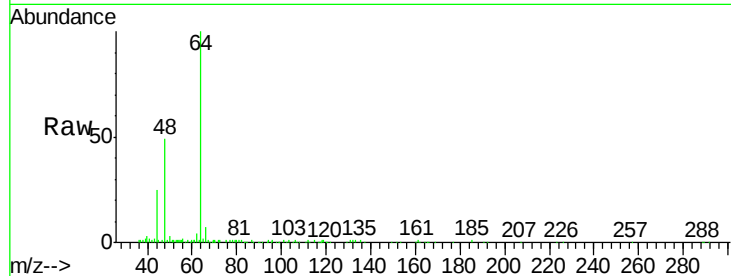
SS038MW009-190116

Tot Ion: 62 Resp: 1206

Ion Ratio Lower Upper

62 100

64 429.5 25.1 37.7#



#6

Chloroethane

Concen: 10.226 ug/l

RT: 1.59 min Scan# 71

Delta R.T. -0.13 min

Lab File: VX007140.D

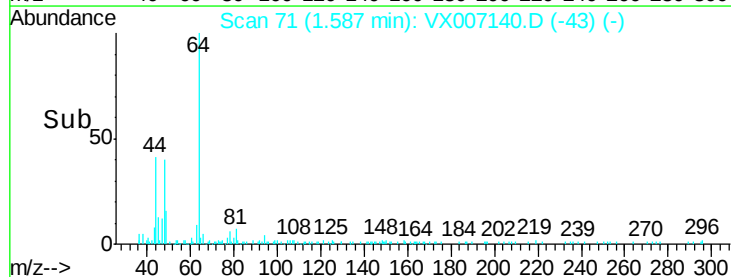
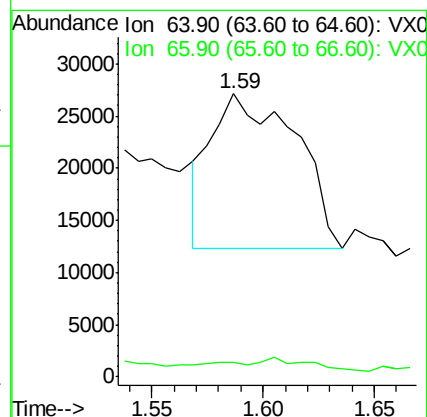
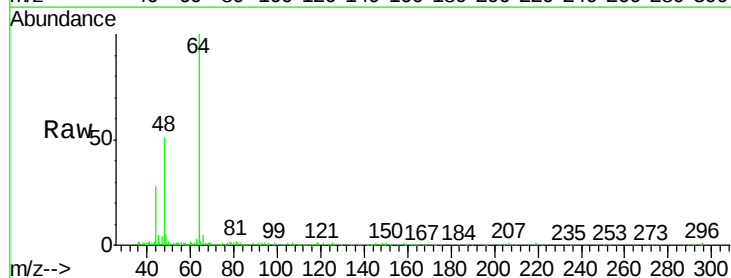
Acq: 18 Jan 2019 17:35

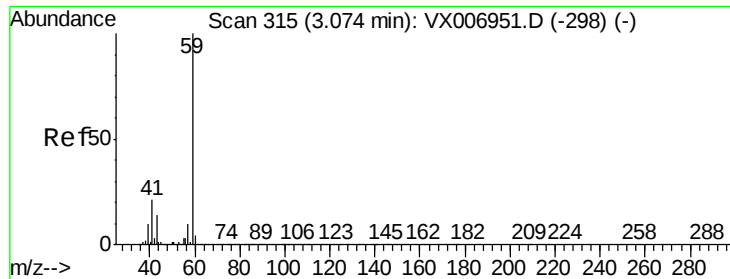
Tgt Ion: 64 Resp: 39096

Ion Ratio Lower Upper

64 100

66 4.2 26.4 39.6#



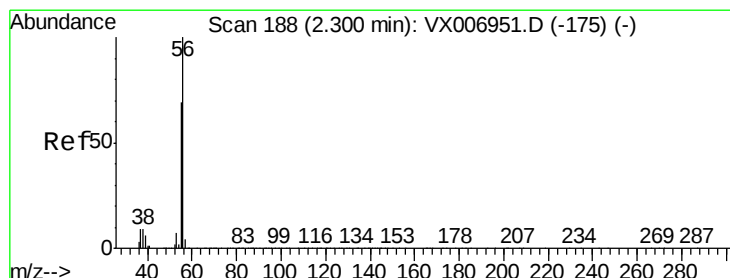
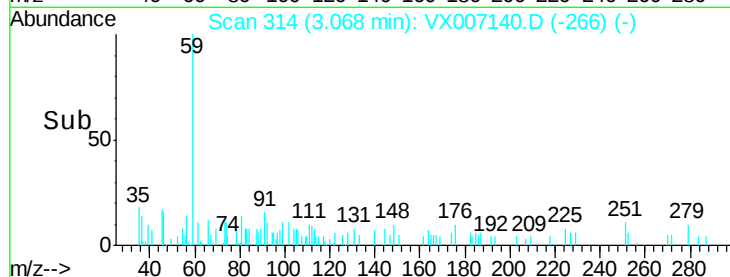
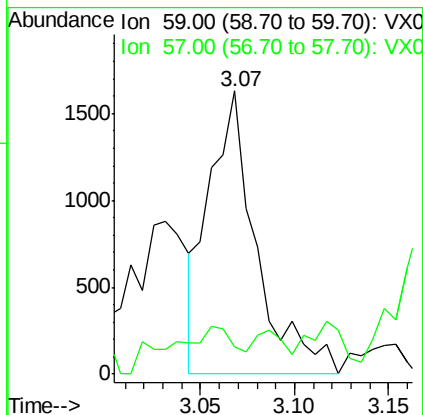
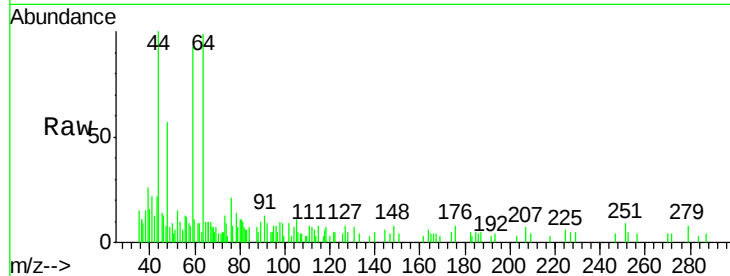


#11

Tert butvl alcohol
Concen: 2.175 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

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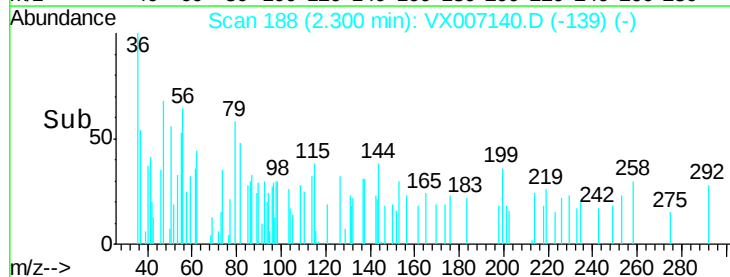
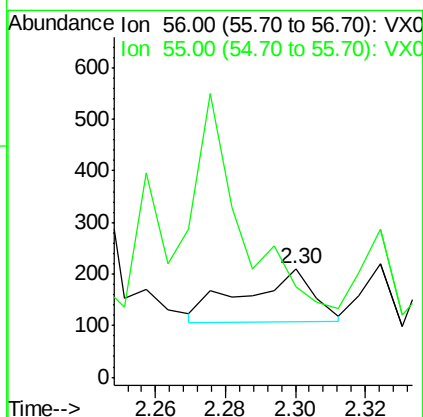
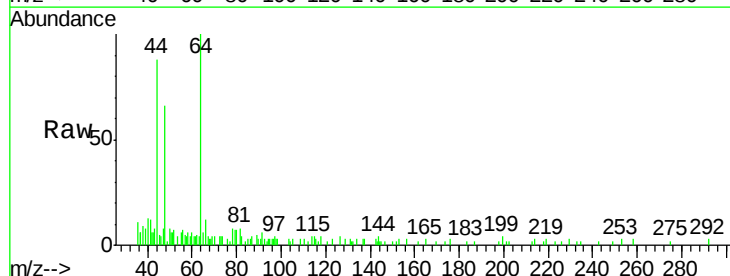
Tot Ion: 59 Resp: 2855
Ion Ratio Lower Upper
59 100
57 23.6 8.5 12.7#

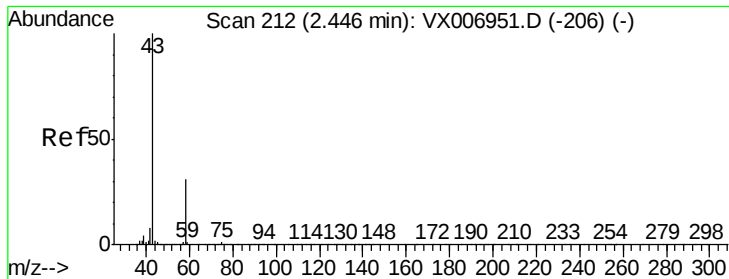


#13

Acrolein
Concen: 3.328 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#

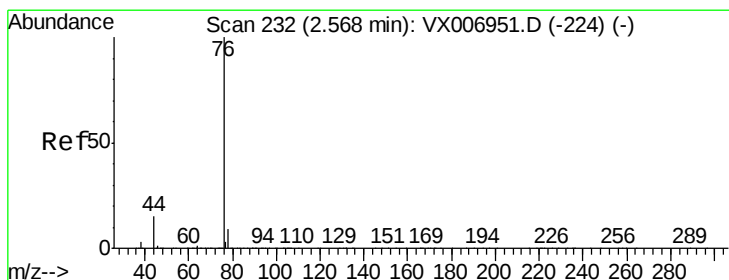
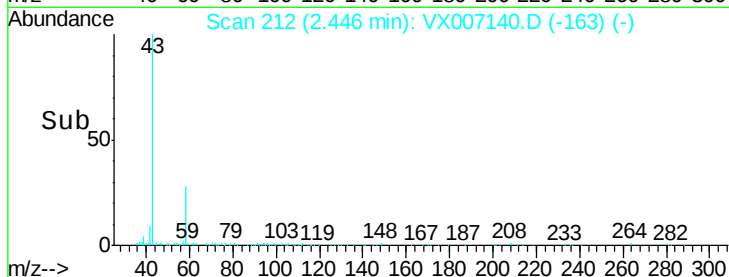
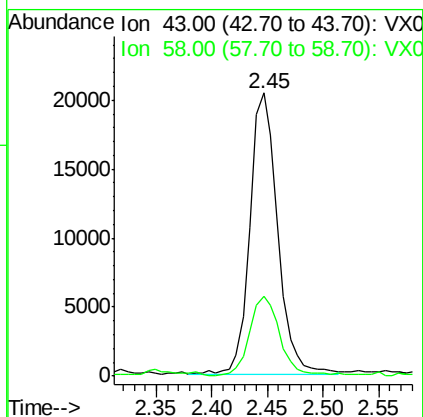
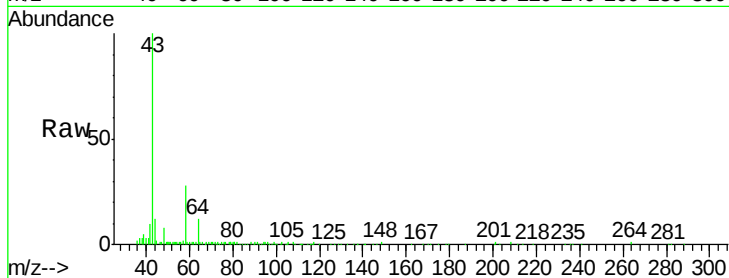




#16
Acetone
Concen: 12.790 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

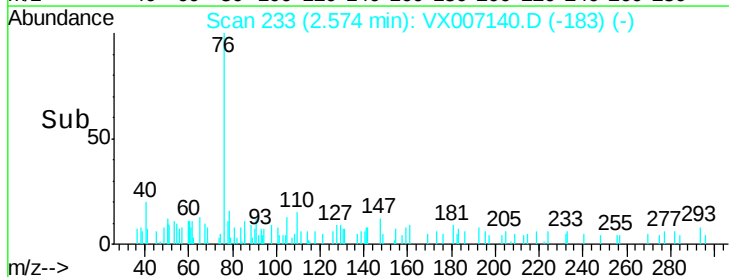
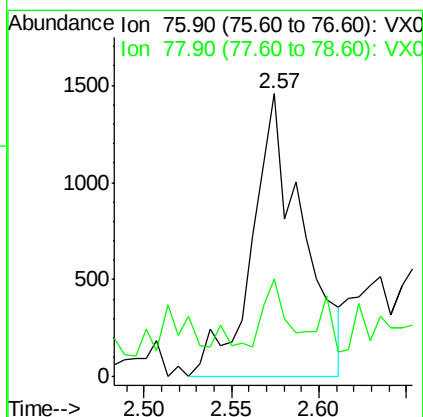
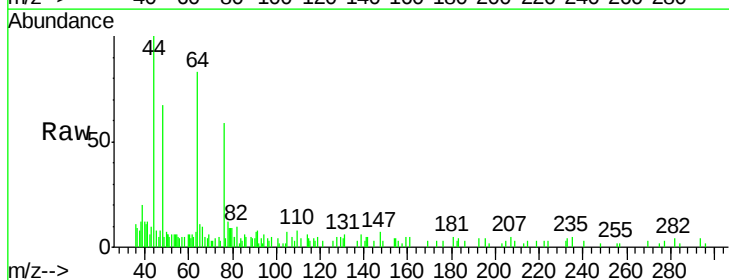
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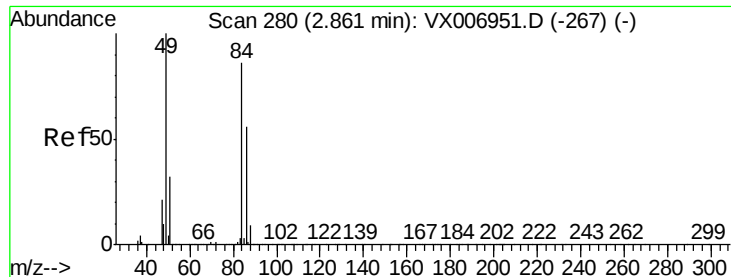
Tot Ion: 43 Resp: 35185
Ion Ratio Lower Upper
43 100
58 27.8 25.0 37.6



#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 76 Resp: 2934
Ion Ratio Lower Upper
76 100
78 26.0 7.0 10.6#

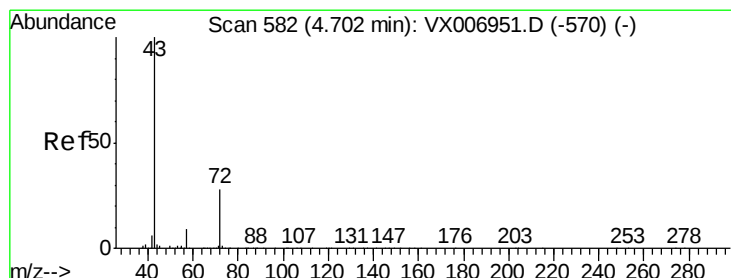
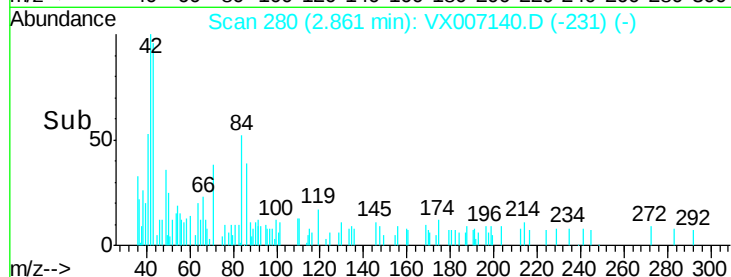
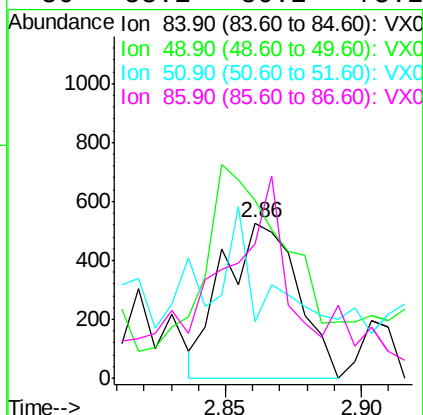
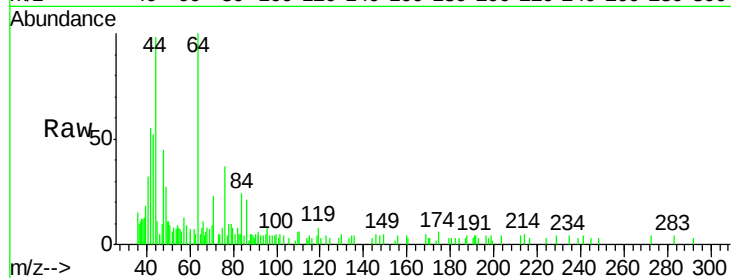




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

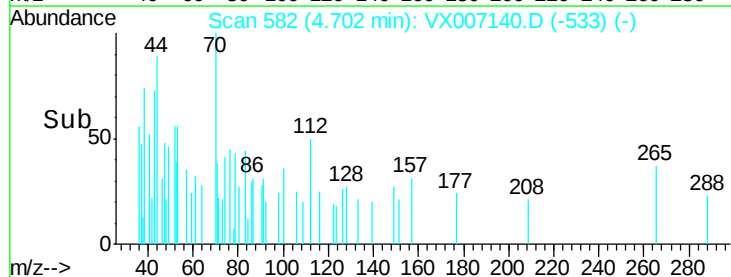
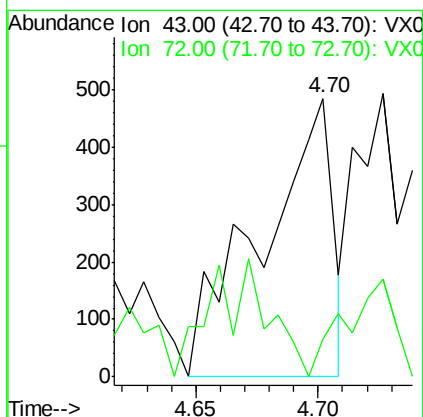
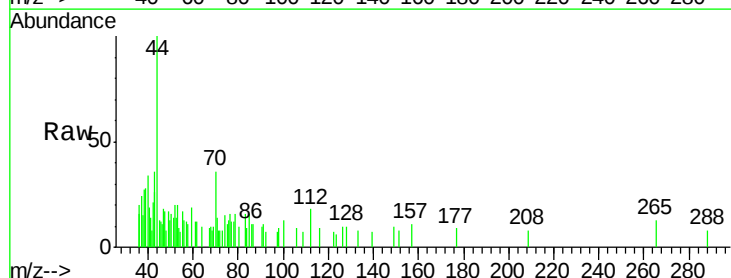
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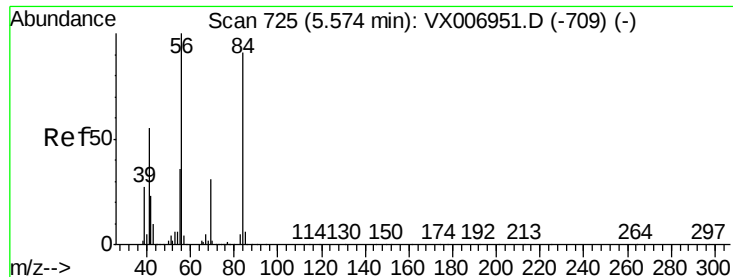
Tot Ion: 84 Resp: 1002
Ion Ratio Lower Upper
84 100
49 78.4 91.8 137.6#
51 0.0 28.5 42.7#
86 58.1 50.2 75.2



#25
2-Butanone
Concen: 0.250 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
72 0.0 22.4 33.6#

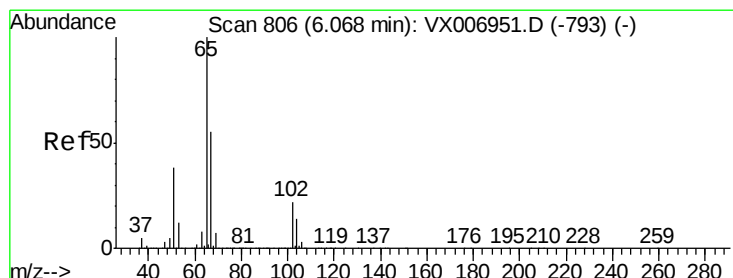
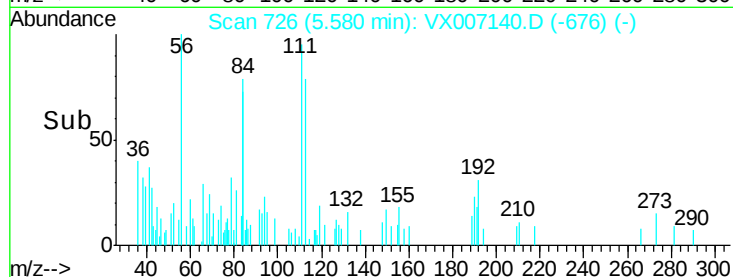
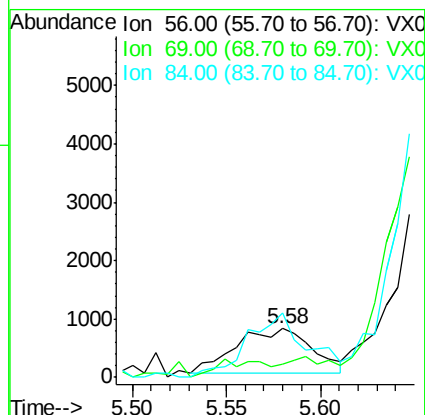
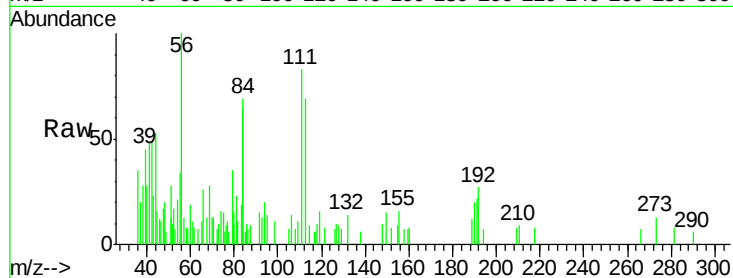




#31
Cyclohexane
Concen: 0.266 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

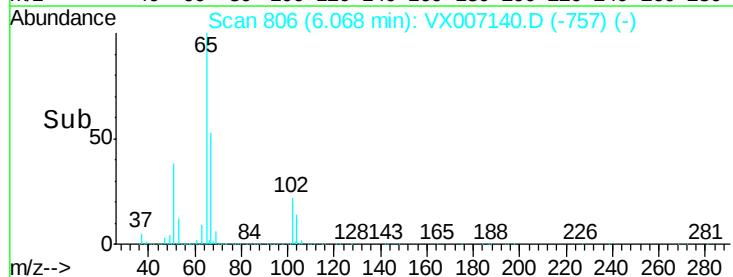
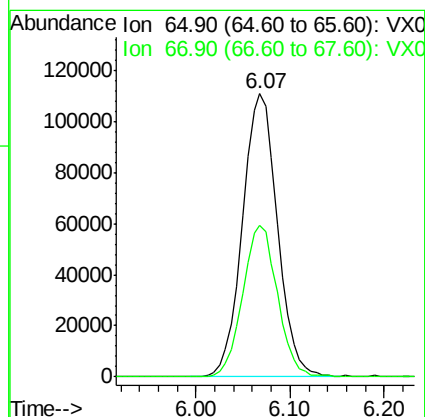
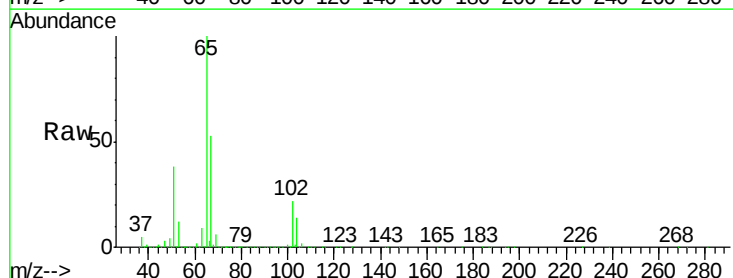
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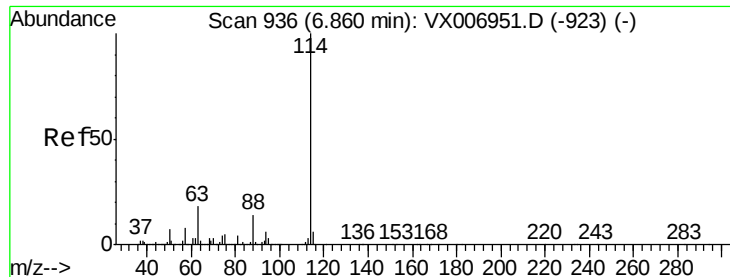
Tot Ion: 56 Resp: 2091
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 147.7 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 51.406 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 65 Resp: 286064
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

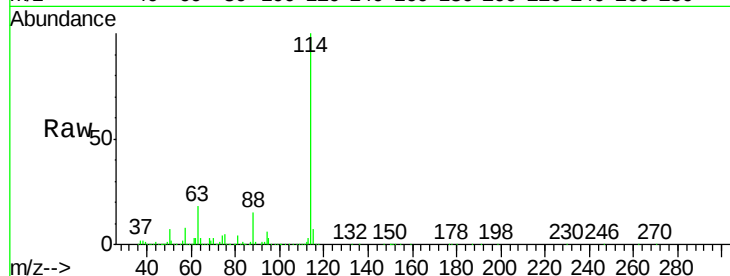
Tot Ion:114 Resp: 826785

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

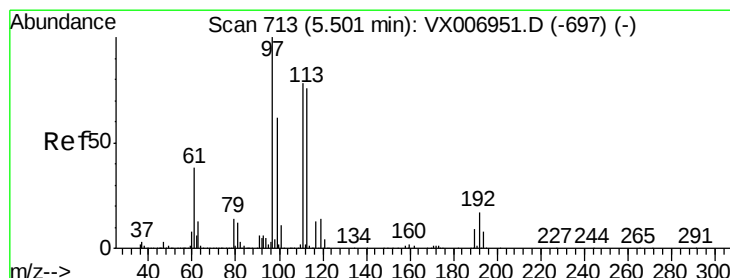
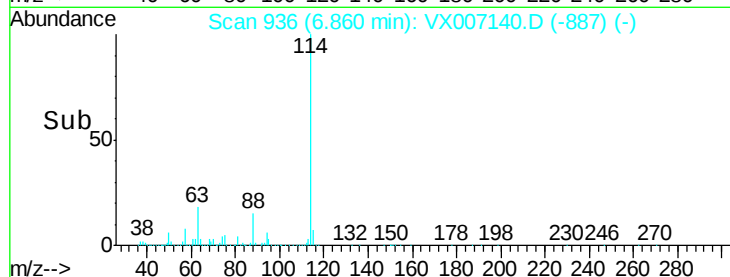
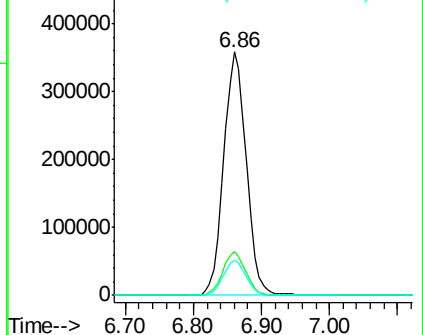
88 14.6 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

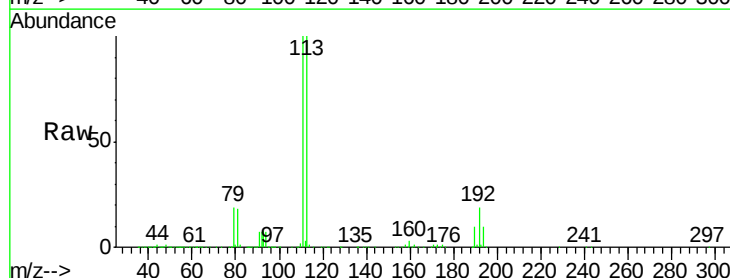
Tgt Ion:113 Resp: 255325

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

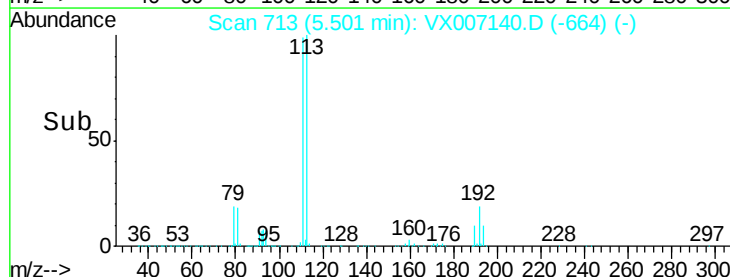
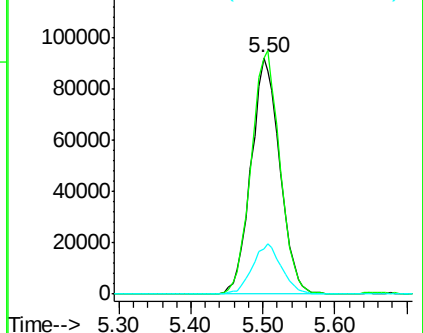
192 21.3 16.7 25.1

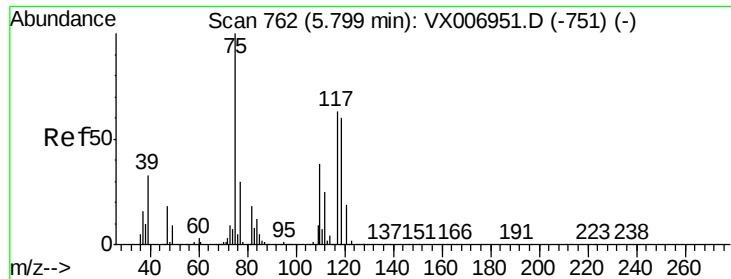


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.823 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

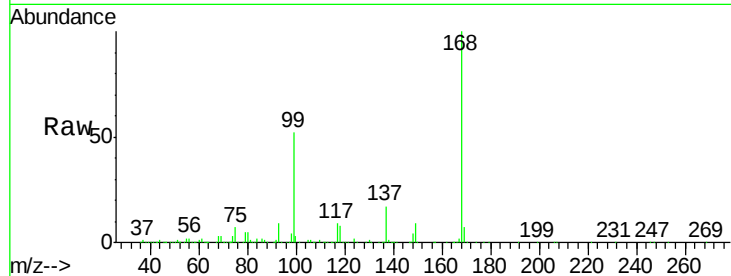
Tot Ion: 75 Resp: 34669

Ion Ratio Lower Upper

75 100

110 10.5 20.2 60.5#

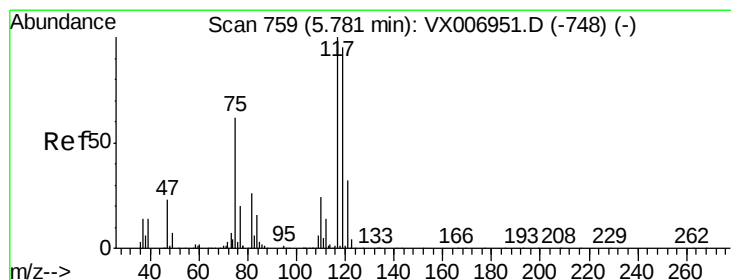
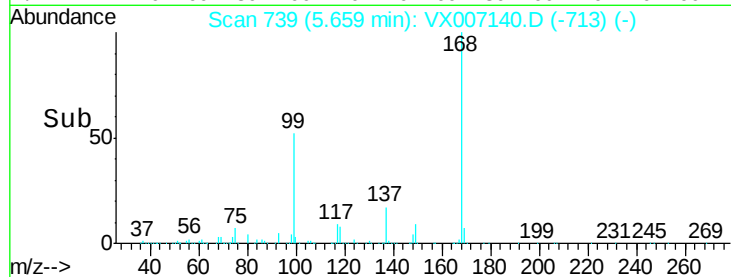
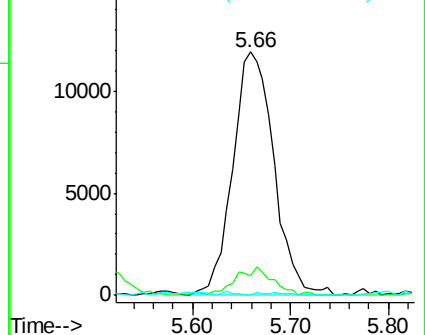
77 0.3 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

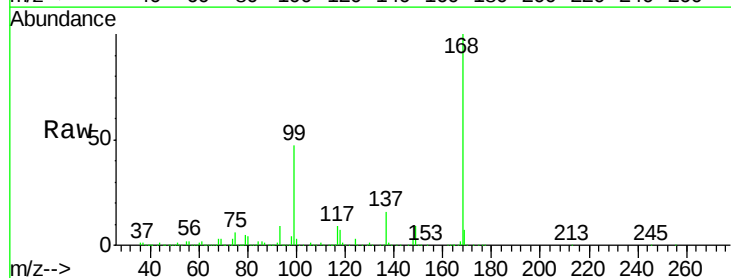
Tgt Ion: 117 Resp: 48110

Ion Ratio Lower Upper

117 100

119 5.9 79.4 119.2#

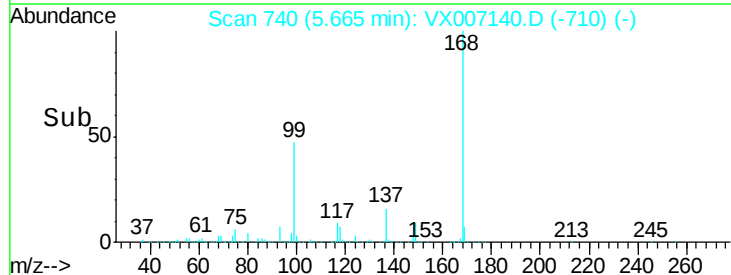
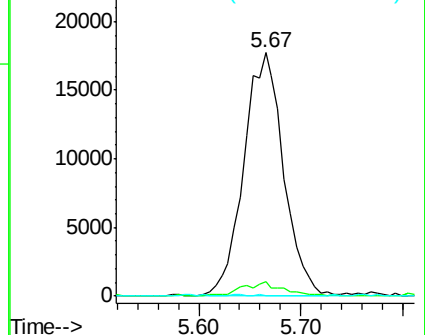
121 0.0 24.0 36.0#

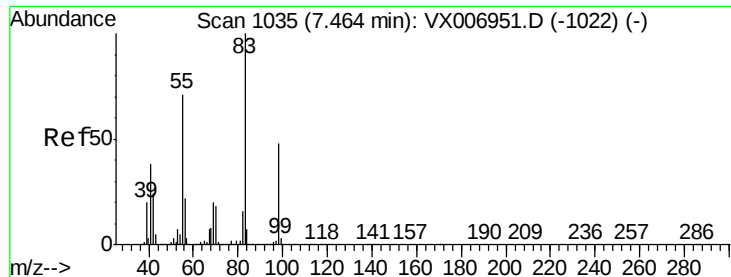


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

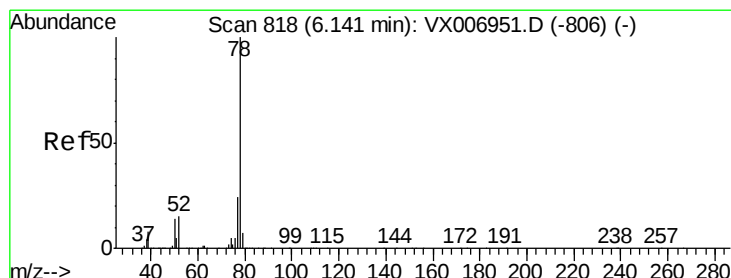
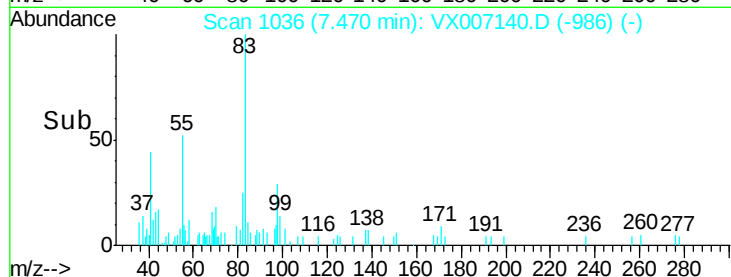
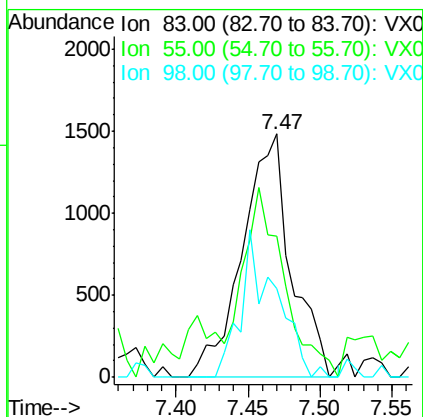
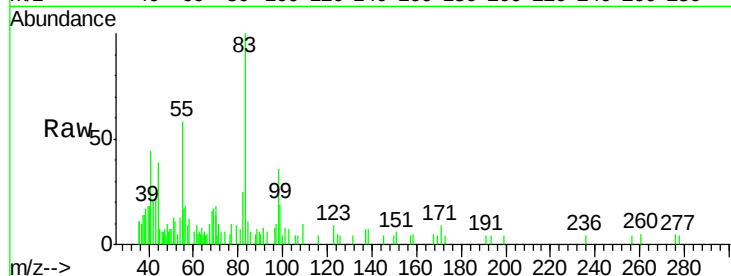




#39
Methvlcvclohexane
Concen: 0.384 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

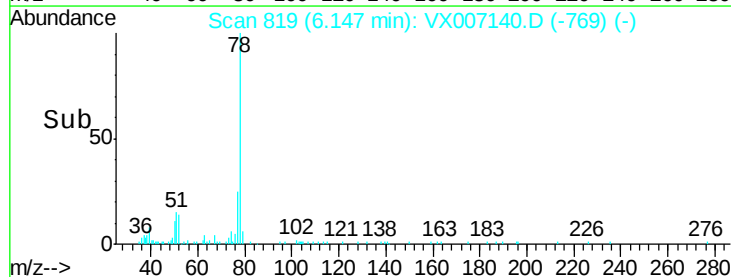
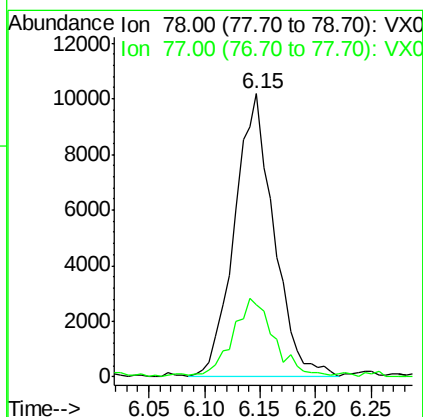
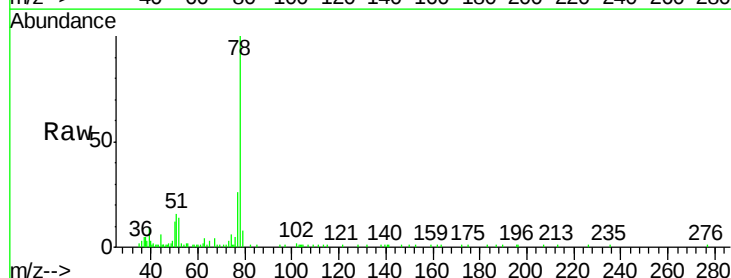
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190116

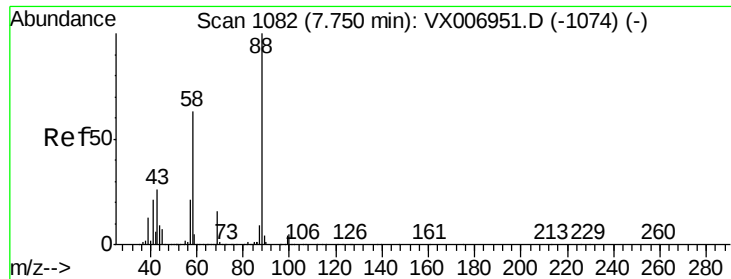
Tot Ion: 83 Resp: 3516
Ion Ratio Lower Upper
83 100
55 57.8 54.9 82.3
98 36.4 37.9 56.9#



#40
Benzene
Concen: 1.139 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 78 Resp: 24980
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8

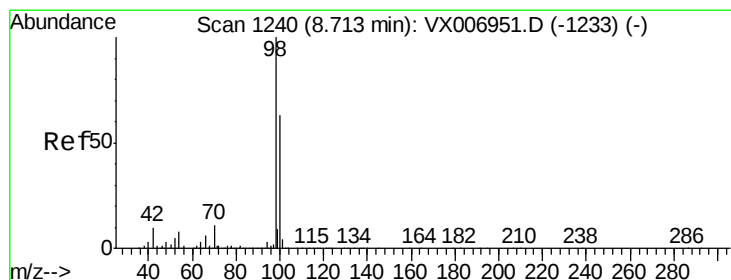
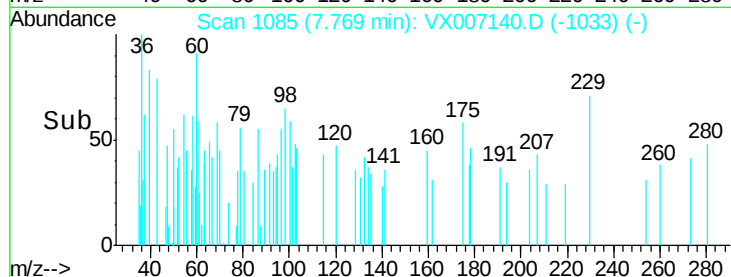
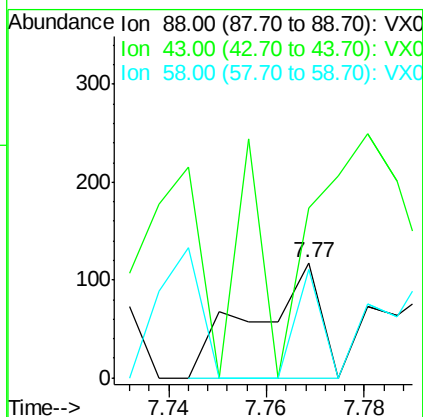
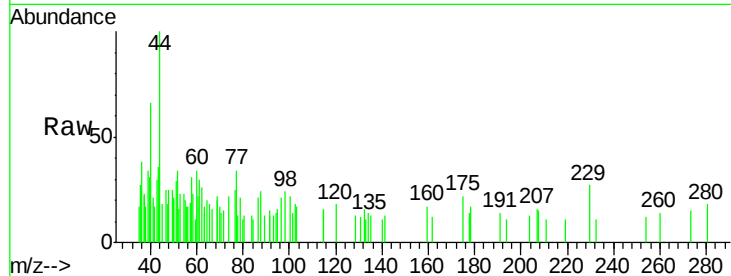




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

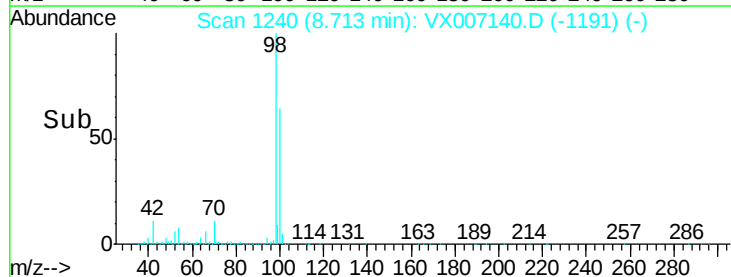
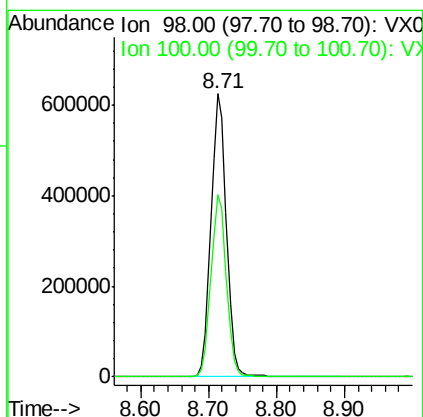
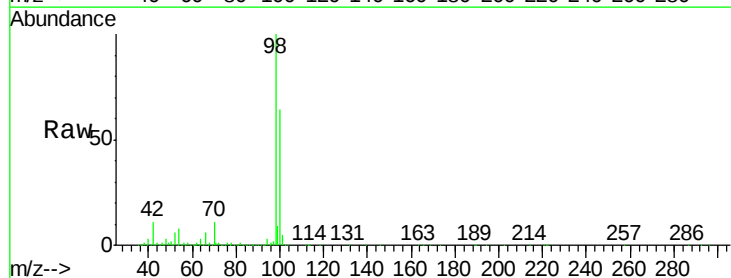
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190116

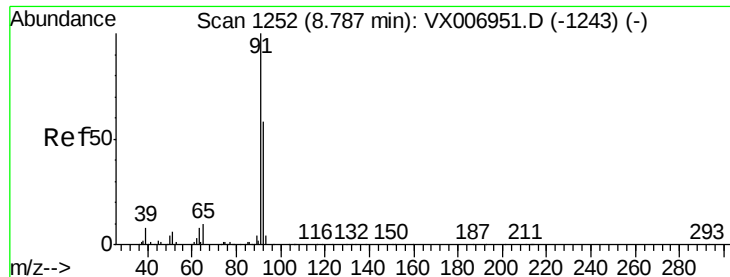
Tot Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 310.9 22.2 33.4#
58 37.3 51.0 76.4#



#50
Toluene-d8
Concen: 50.909 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 98 Resp: 986624
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#52

Toluene

Concen: 0.206 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

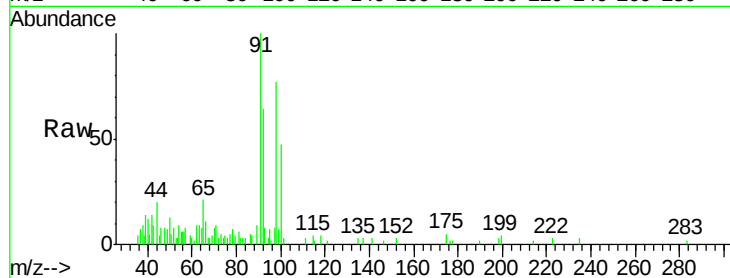
SS038MW009-190116

Tot Ion: 92 Resp: 2906

Ion Ratio Lower Upper

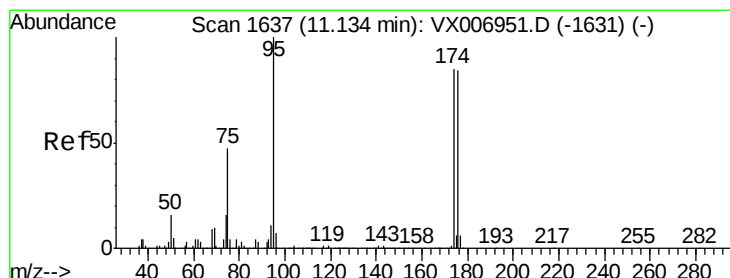
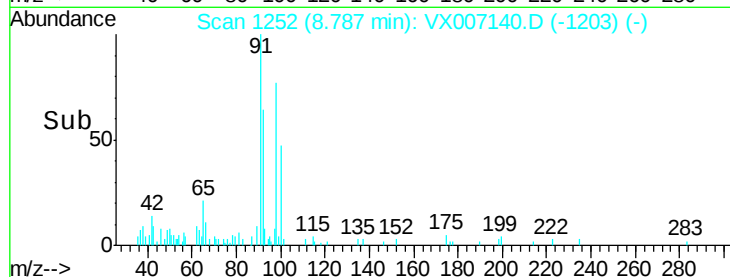
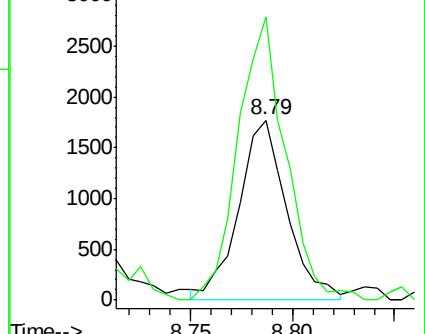
92 100

91 155.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.249 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

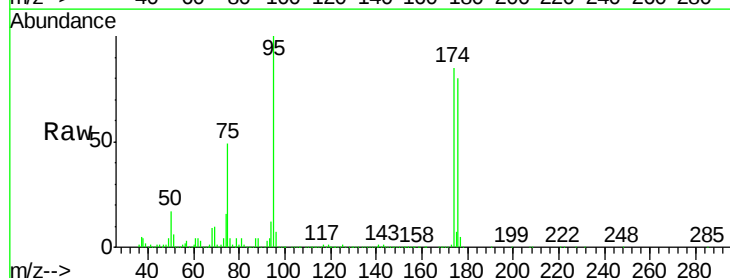
Tgt Ion: 95 Resp: 366526

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.2

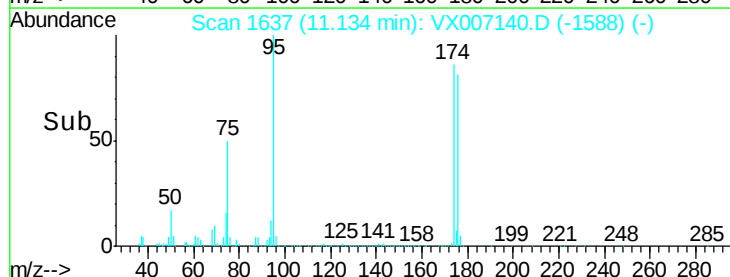
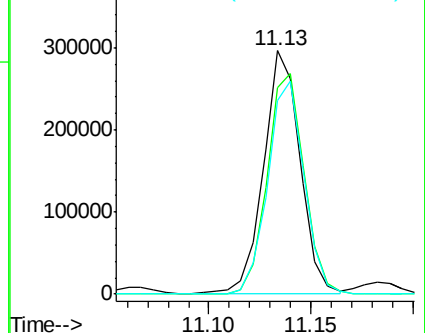
176 88.3 0.0 178.8

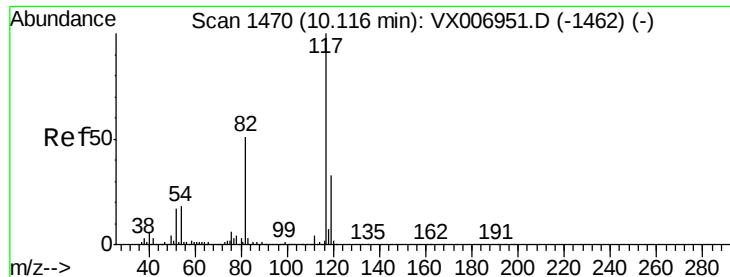


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

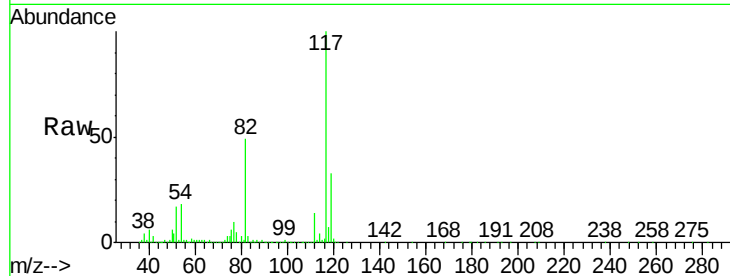
Tot Ion:117 Resp: 778945

Ion Ratio Lower Upper

117 100

82 48.9 41.0 61.6

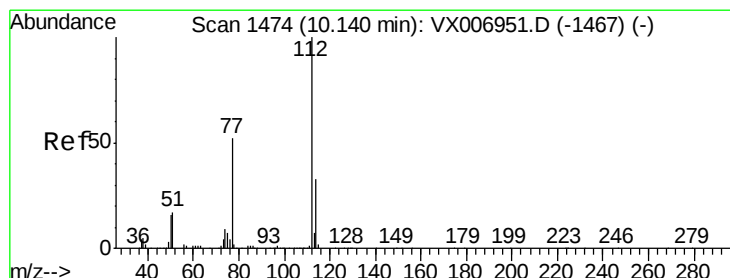
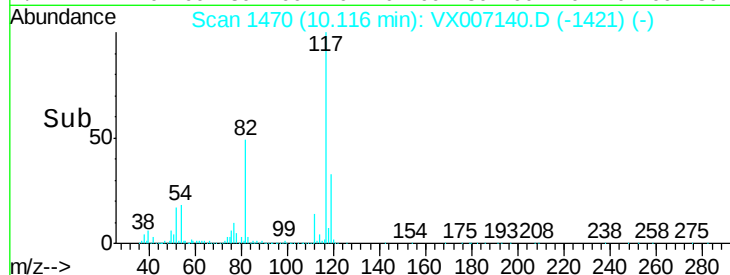
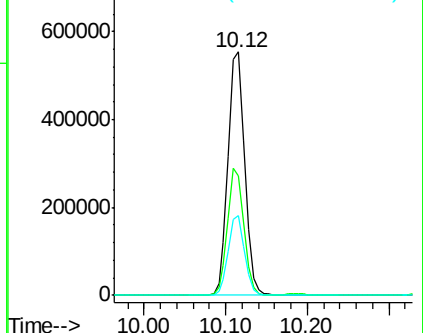
119 32.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 176.858 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007140.D

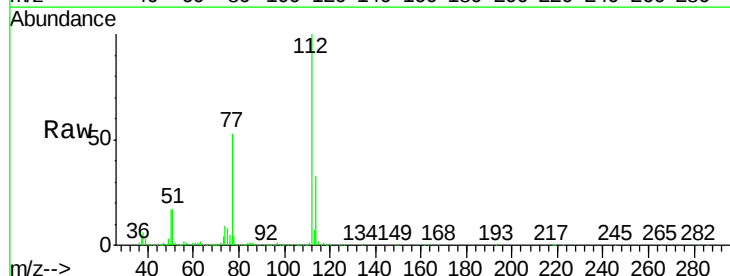
Acq: 18 Jan 2019 17:35

Tgt Ion:112 Resp: 3004670

Ion Ratio Lower Upper

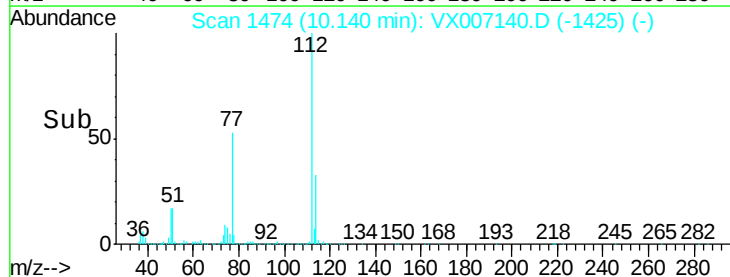
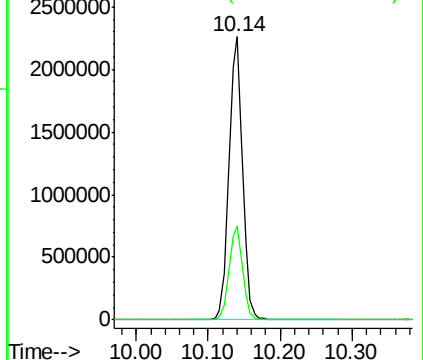
112 100

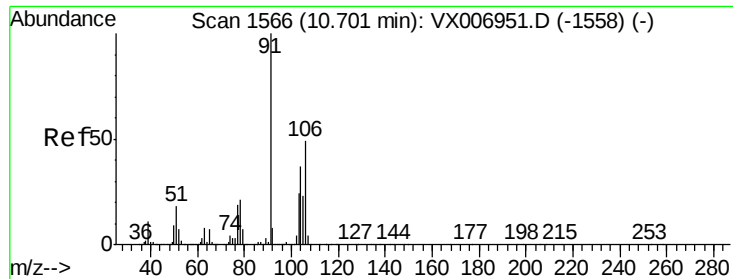
114 33.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#69

o-Xylene

Concen: 0.289 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

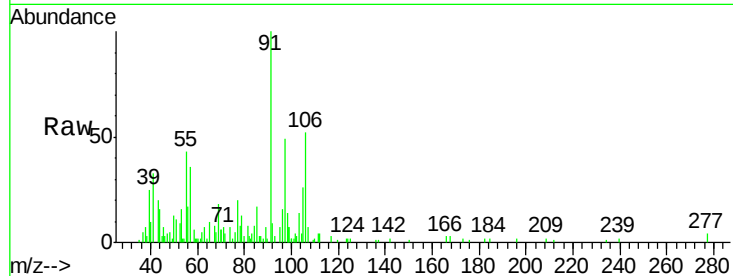
SS038MW009-190116

Tot Ion:106 Resp: 3117

Ion Ratio Lower Upper

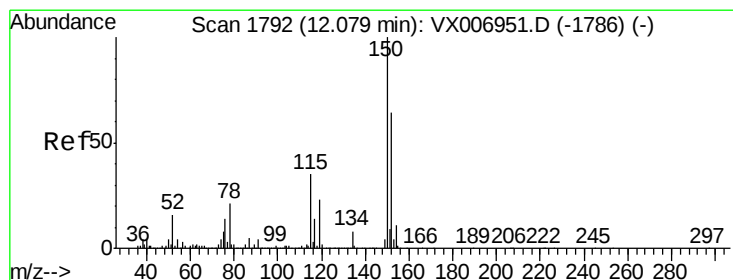
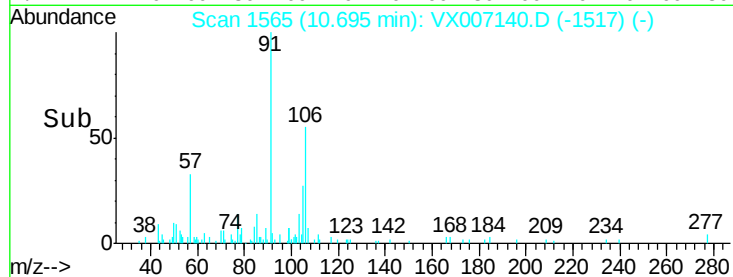
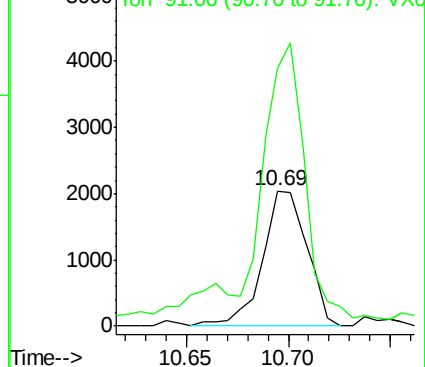
106 100

91 238.5 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

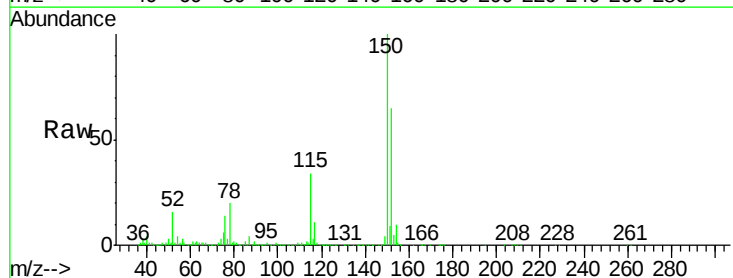
Tgt Ion:152 Resp: 407024

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

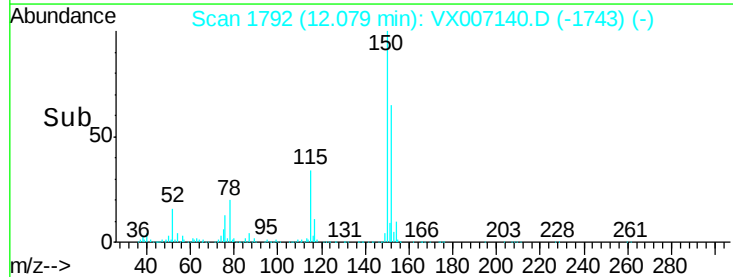
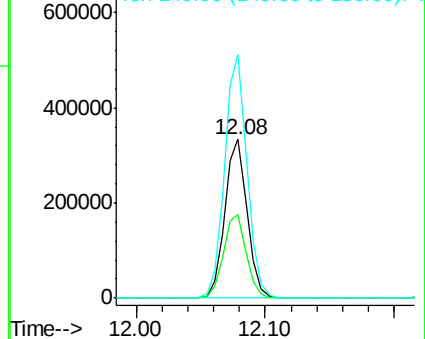
150 154.2 0.0 344.8

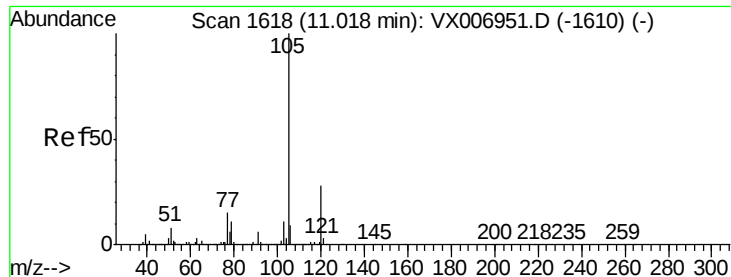


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.307 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

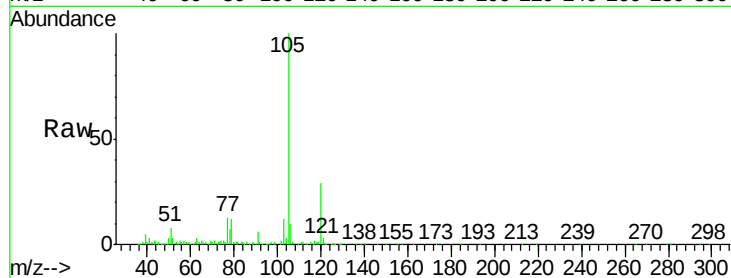
SS038MW009-190116

Tot Ion:105 Resp: 66227

Ion Ratio Lower Upper

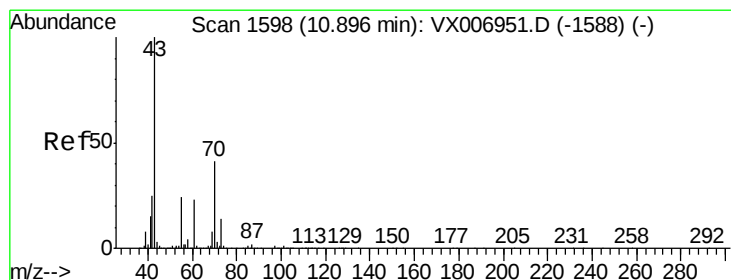
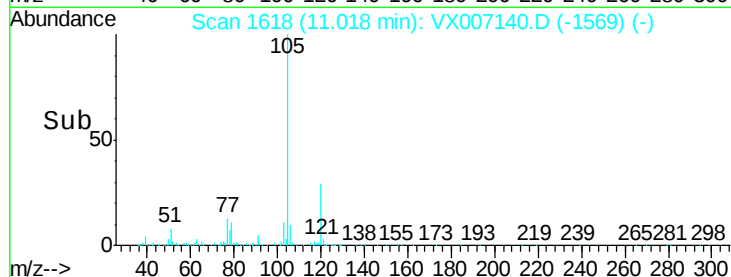
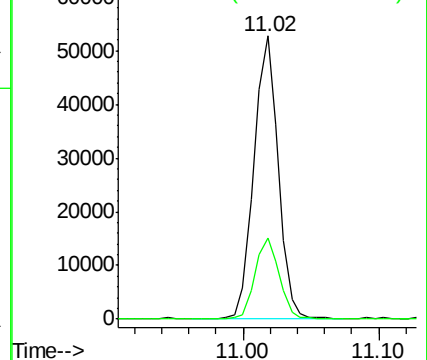
105 100

120 28.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.390 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Tgt Ion: 43 Resp: 4503

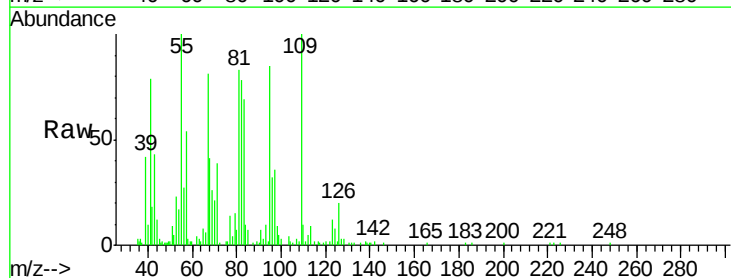
Ion Ratio Lower Upper

43 100

70 0.0 35.8 53.8#

55 348.3 19.4 29.0#

61 0.0 20.1 30.1#

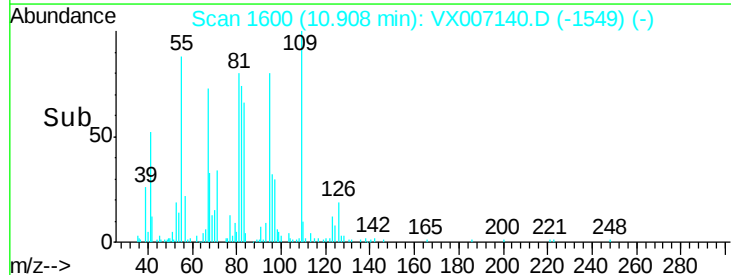
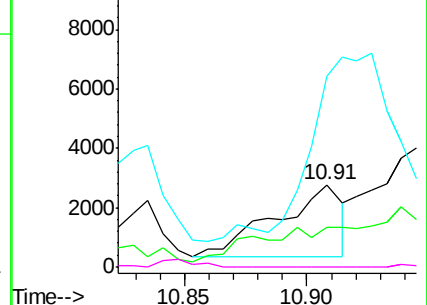


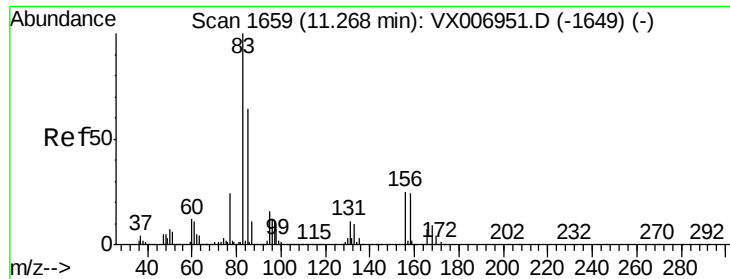
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.444 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

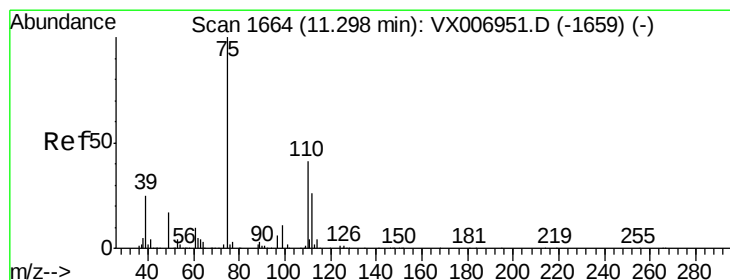
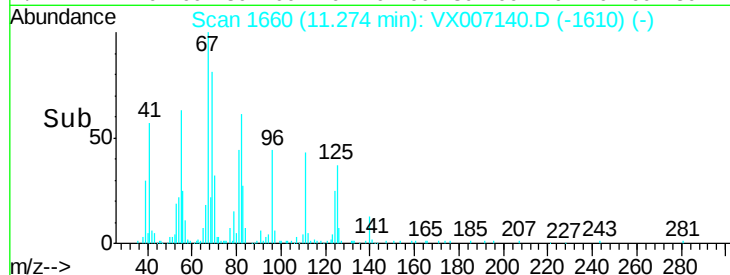
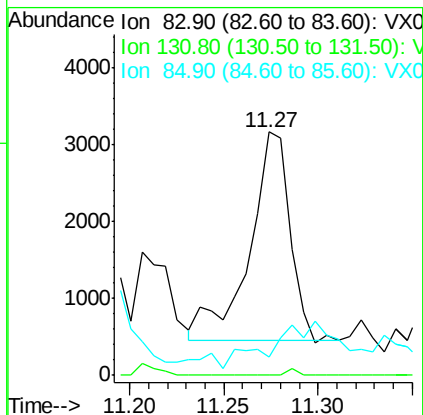
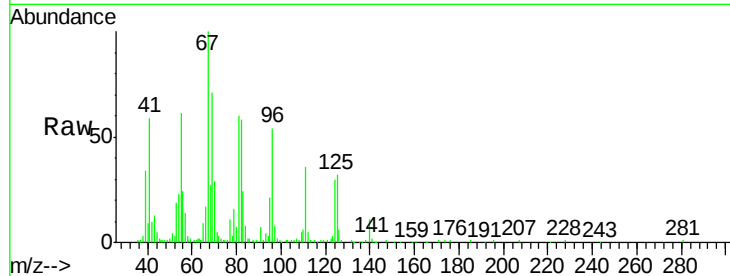
Tot Ion: 83 Resp: 4046

Ion Ratio Lower Upper

83 100

131 0.9 5.7 17.1#

85 20.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 21.318 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007140.D

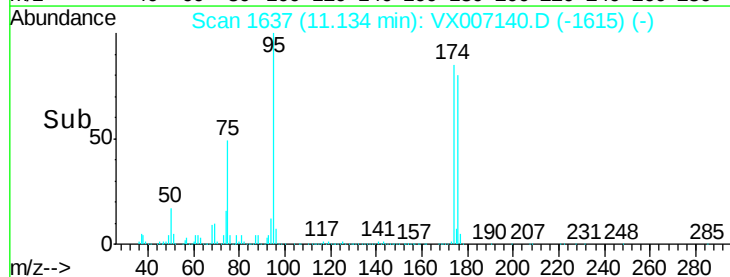
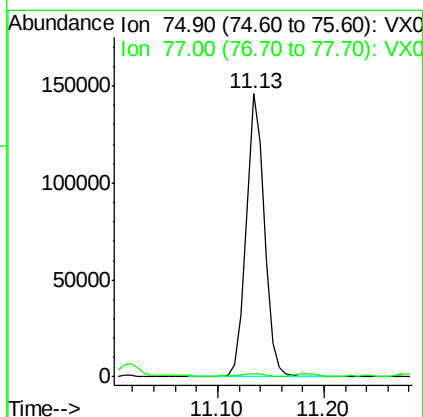
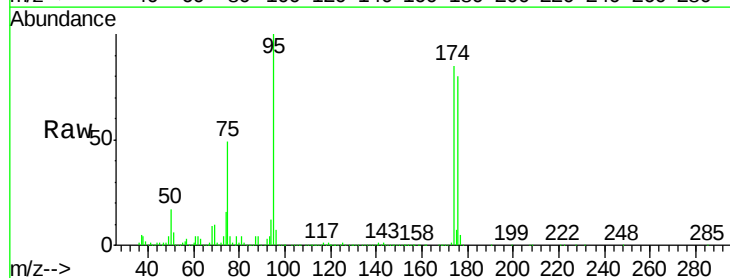
Acq: 18 Jan 2019 17:35

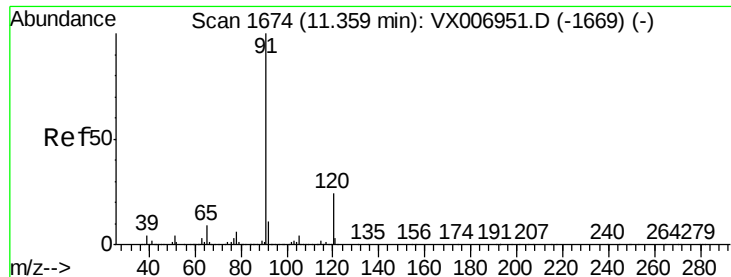
Tgt Ion: 75 Resp: 175834

Ion Ratio Lower Upper

75 100

77 1.4 18.5 55.5#





#78

n-propylbenzene

Concen: 1.740 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

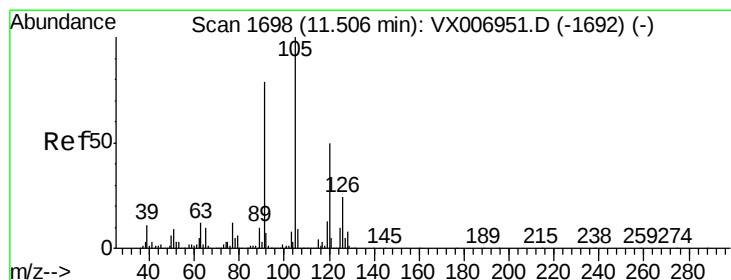
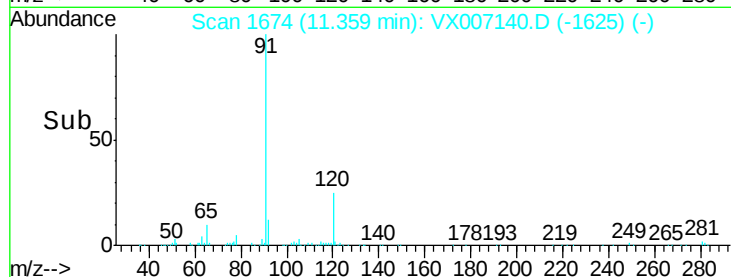
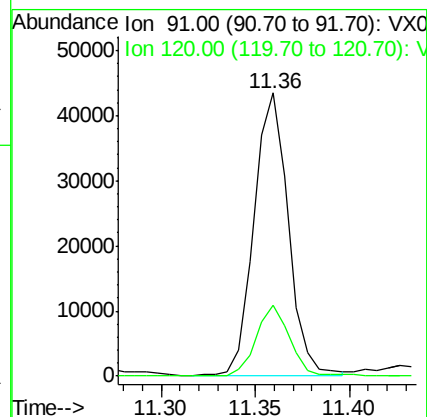
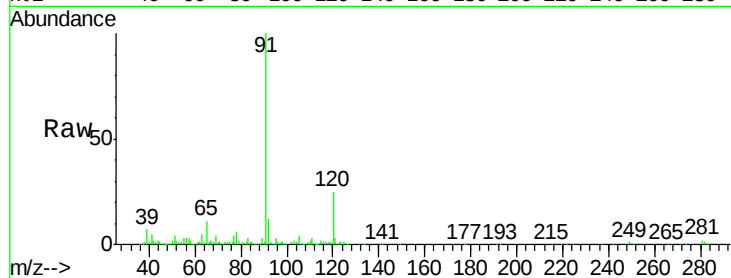
SS038MW009-190116

Tot Ion: 91 Resp: 54828

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 0.641 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007140.D

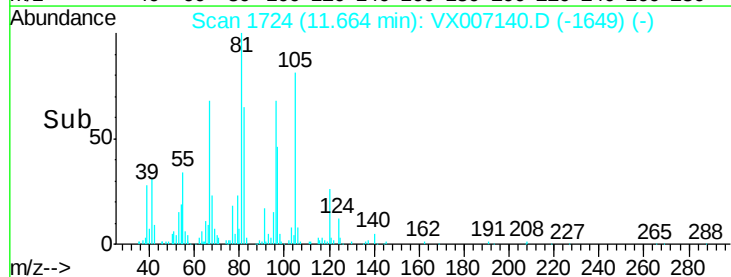
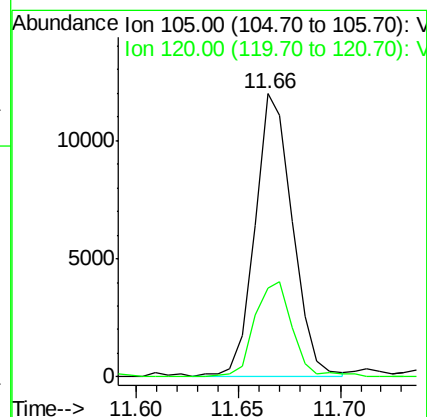
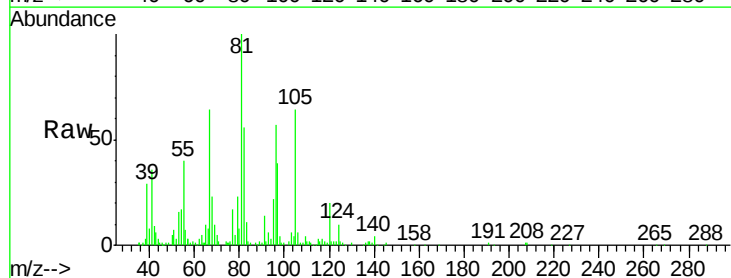
Acq: 18 Jan 2019 17:35

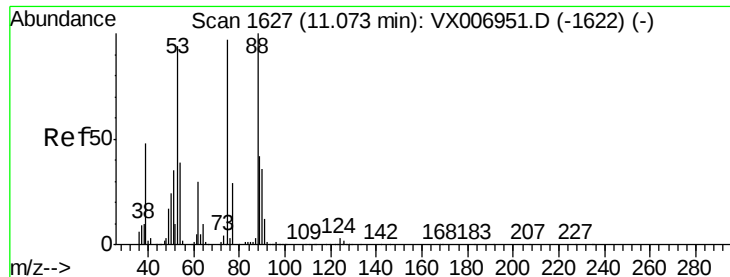
Tgt Ion: 105 Resp: 15383

Ion Ratio Lower Upper

105 100

120 34.1 25.1 75.3

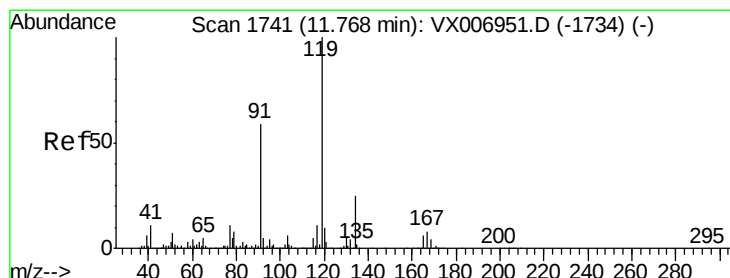
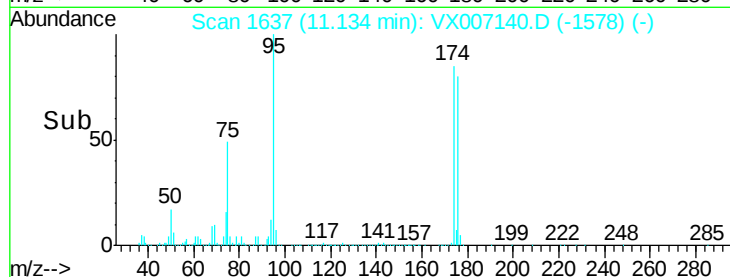
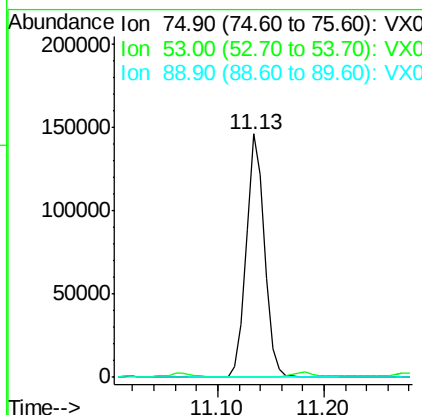
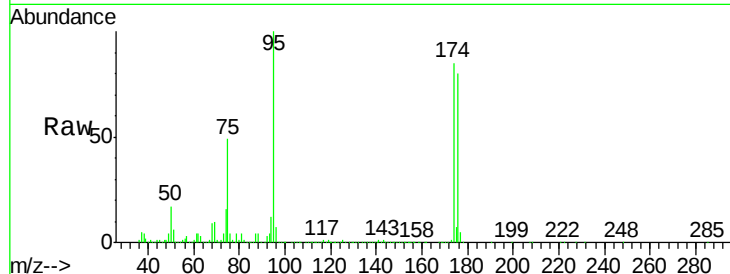




#81
trans-1,4-Dichloro-2-butene
Concen: 63.250 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

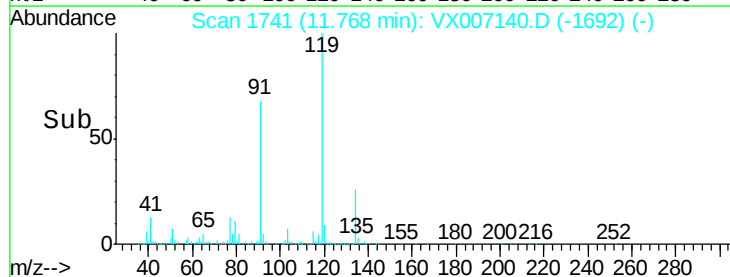
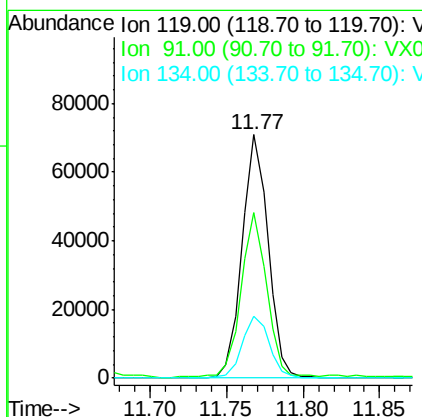
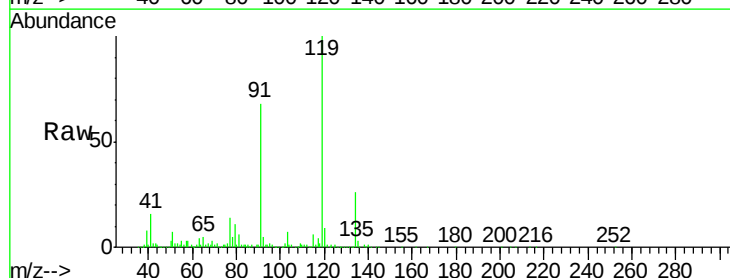
Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190116

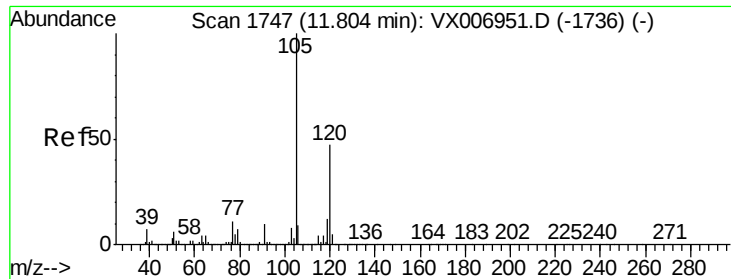
Tot Ion: 75 Resp: 175834
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.1 38.0 57.0#



#83
tert-Butylbenzene
Concen: 3.498 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007140.D
Acq: 18 Jan 2019 17:35

Tgt Ion: 119 Resp: 83699
Ion Ratio Lower Upper
119 100
91 68.4 27.7 83.1
134 26.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 0.638 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

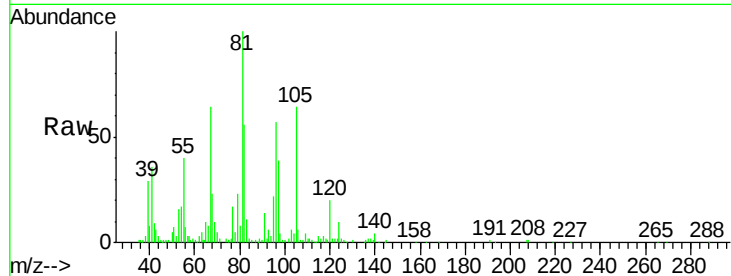
SS038MW009-190116

Tot Ion:105 Resp: 15383

Ion Ratio Lower Upper

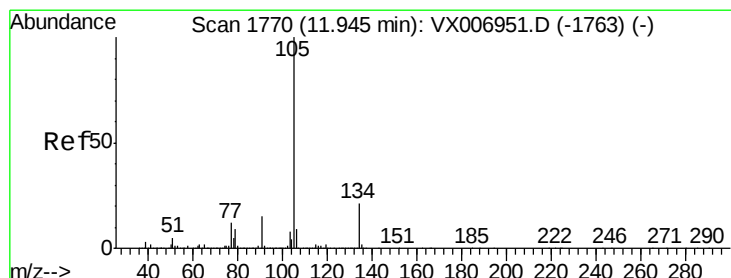
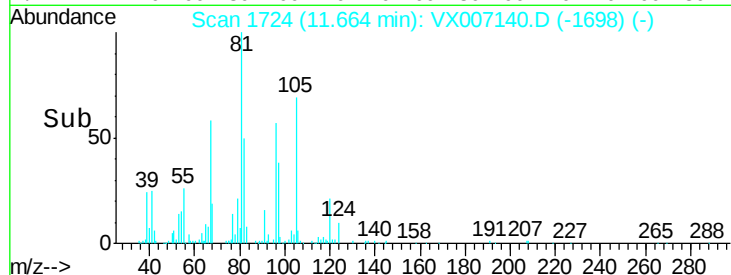
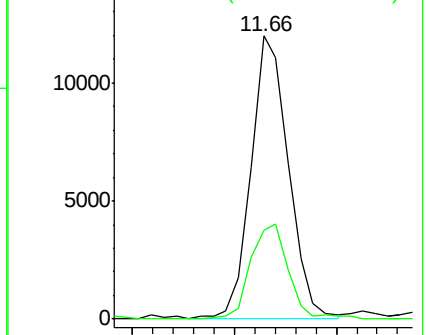
105 100

120 34.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.630 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007140.D

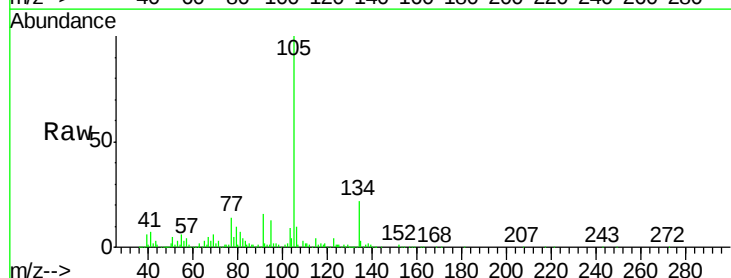
Acq: 18 Jan 2019 17:35

Tgt Ion:105 Resp: 75148

Ion Ratio Lower Upper

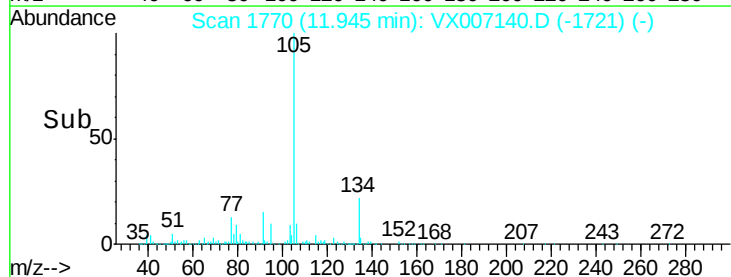
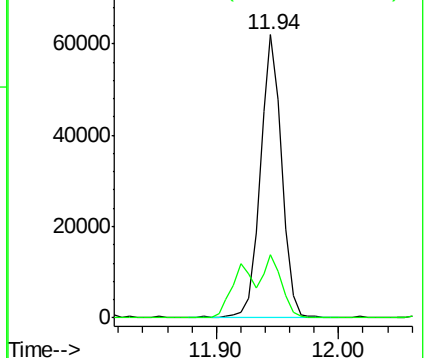
105 100

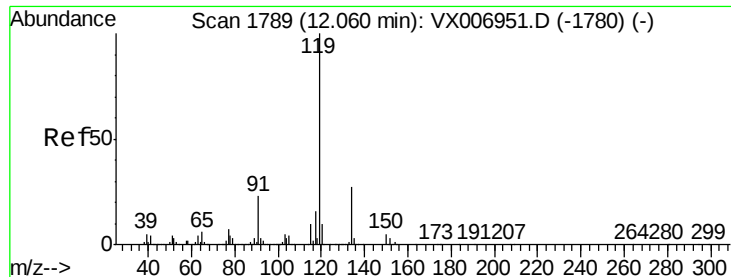
134 19.5 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 13.686 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

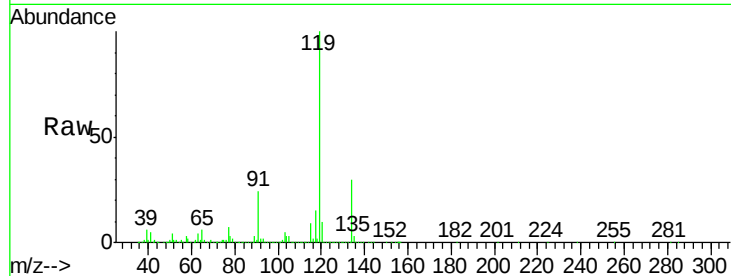
Tot Ion:119 Resp: 349828

Ion Ratio Lower Upper

119 100

134 29.2 14.0 41.9

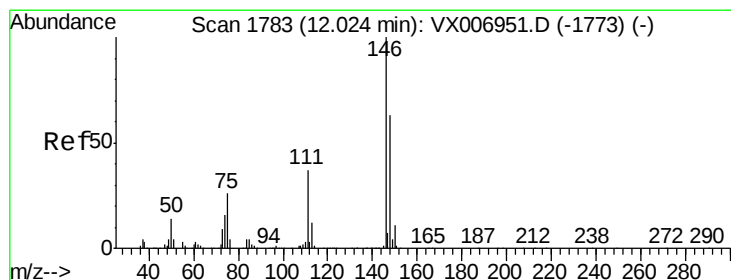
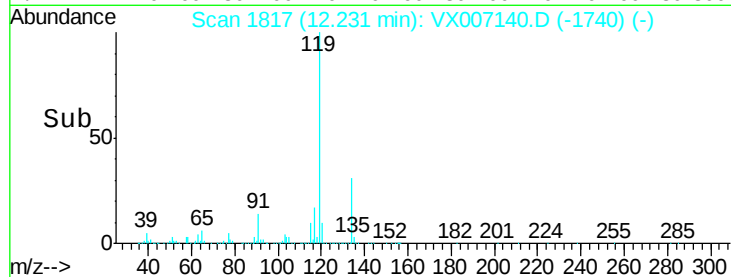
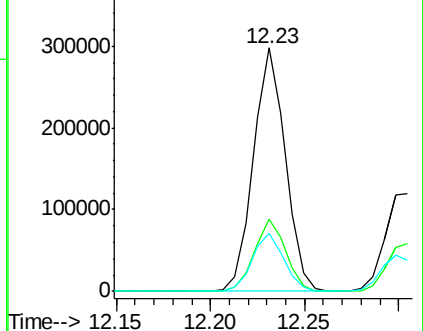
91 23.6 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.299 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

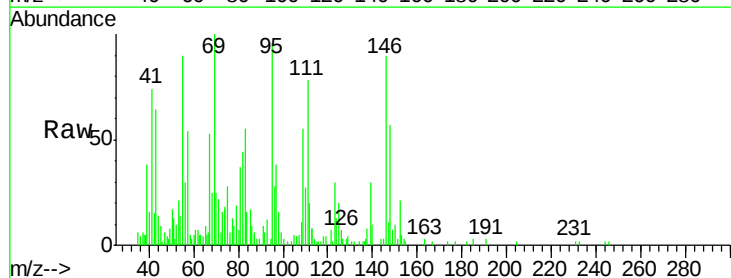
Tgt Ion:146 Resp: 4267

Ion Ratio Lower Upper

146 100

111 96.2 18.6 55.8#

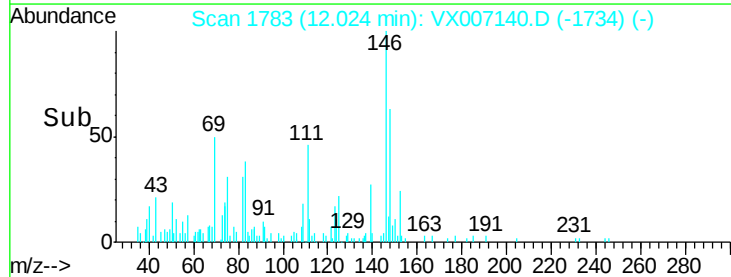
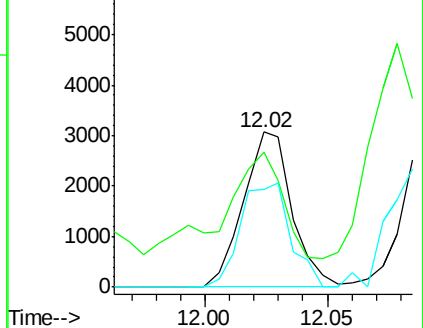
148 68.2 31.8 95.3

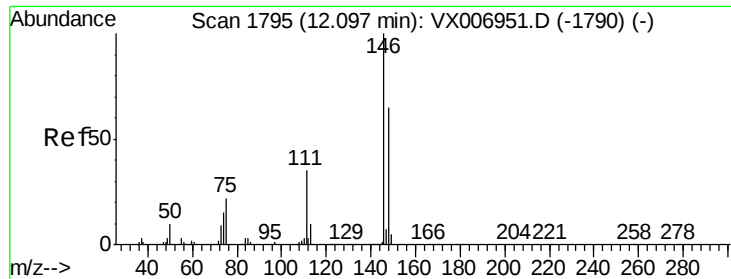


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.801 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS038MW009-190116

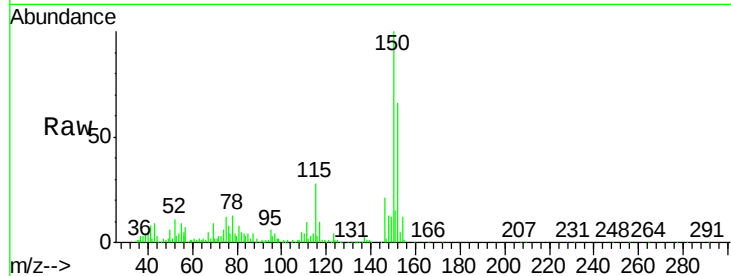
Tot Ion:146 Resp: 8914

Ion Ratio Lower Upper

146 100

111 92.1 18.1 54.1#

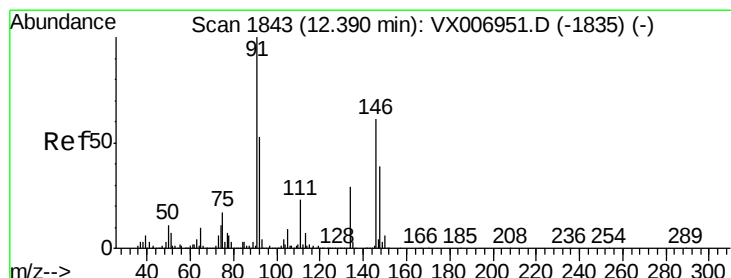
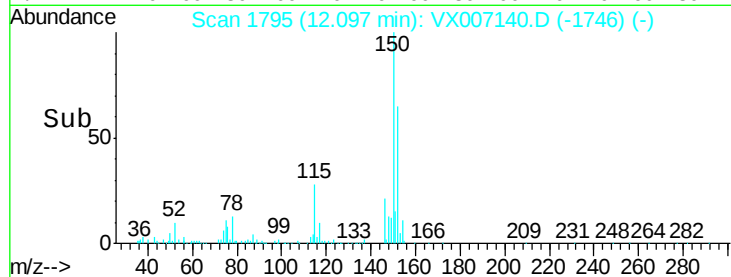
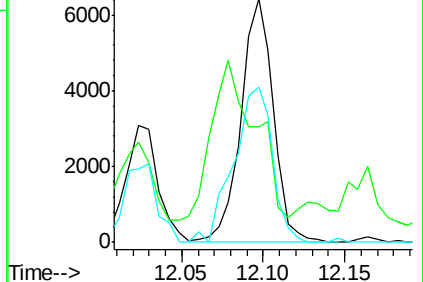
148 76.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.493 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

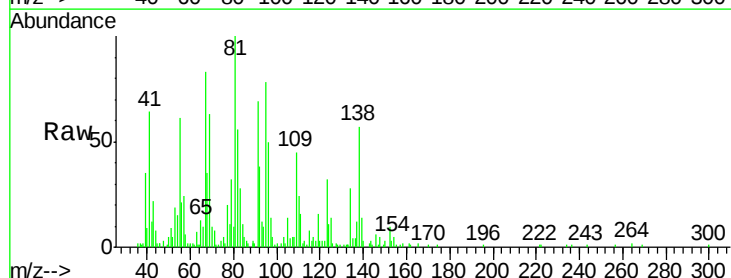
Tgt Ion: 91 Resp: 10737

Ion Ratio Lower Upper

91 100

92 35.6 26.8 80.4

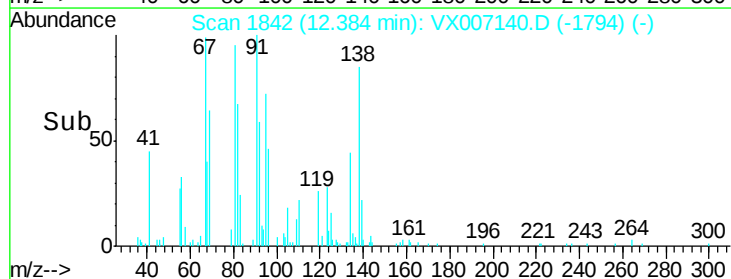
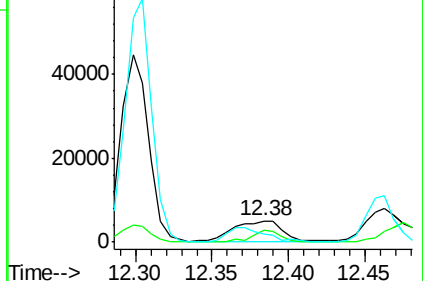
134 57.5 14.4 43.2#

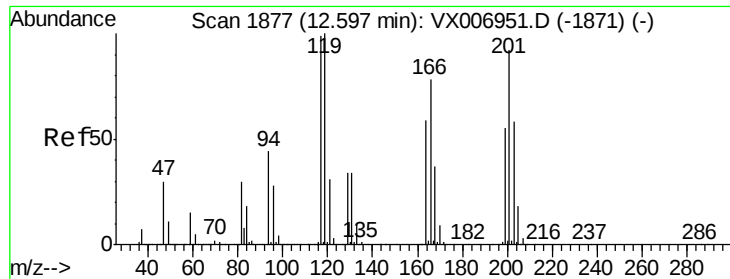


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 43.432 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

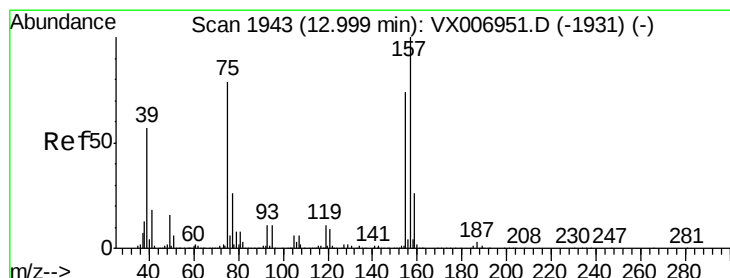
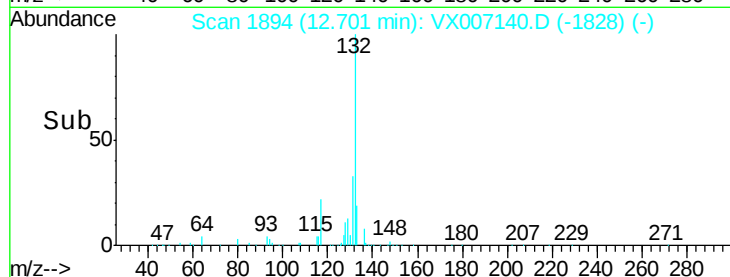
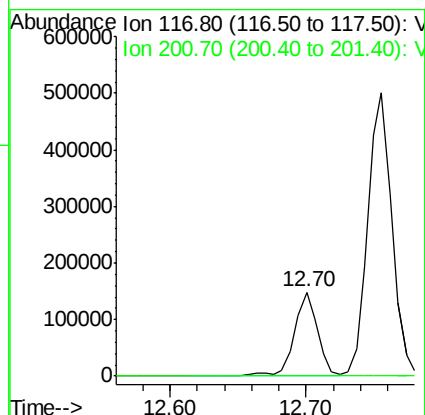
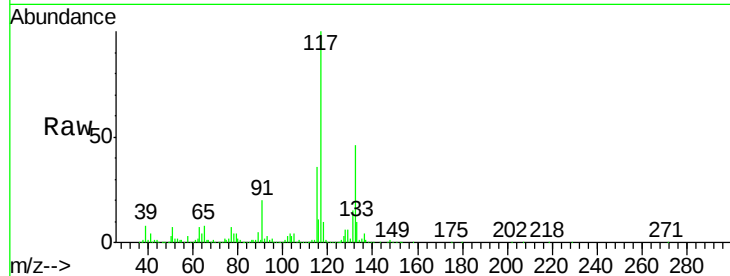
SS038MW009-190116

Tot Ion:117 Resp: 175568

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.325 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX007140.D

Acq: 18 Jan 2019 17:35

Tgt Ion: 75 Resp: 585

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 9.2 64.6 193.8#

