

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007086.D
 Acq On : 17 Jan 2019 14:03
 Operator : JC/SP
 Sample : K1168-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

Quant Time: Jan 18 04:58:39 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	581821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	844005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429503	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	304626	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	271156	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	1081908	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	397949	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2684	0.483	ug/l #	75
11) Tert butyl alcohol	3.06	59	4078	2.843	ug/l #	72
13) Acrolein	2.31	56	129	3.290	ug/l #	2
14) Allyl chloride	2.62	41	4023	0.439	ug/l #	64
16) Acetone	2.45	43	5880	1.956	ug/l	90
18) Methyl Acetate	2.84	43	174557	20.052	ug/l #	52
20) Methylene Chloride	2.86	84	697	Below Cal	#	1
36) 1,1-Dichloropropene	5.66	75	36742	4.735	ug/l #	49
38) Carbon Tetrachloride	5.67	117	52435	6.716	ug/l #	13
39) Methylcyclohexane	7.45	83	39622	4.005	ug/l #	36
43) Isopropyl Acetate	6.35	43	218220	16.629	ug/l #	59
47) Bromodichloromethane	7.94	83	2044	0.287	ug/l #	32
48) Methyl methacrylate	7.85	41	29939	4.442	ug/l	98
49) 1,4-Dioxane	7.76	88	366	Below Cal	#	35
55) 1,1,2-Trichloroethane	9.16	97	14545	2.388	ug/l #	20
56) Ethyl methacrylate	9.17	69	2833	0.319	ug/l #	2
59) 2-Hexanone	9.30	43	4206	0.654	ug/l	84
65) Chlorobenzene	10.14	112	75452	4.099	ug/l	97
73) Isopropylbenzene	11.02	105	78325	2.586	ug/l	99
74) N-amyl acetate	10.94	43	4719	0.387	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	8487	0.883	ug/l #	38
76) 1,2,3-Trichloropropane	11.13	75	188601	21.669	ug/l #	40
78) n-propylbenzene	11.36	91	7923	0.238	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	188601	64.230	ug/l #	10
83) tert-Butylbenzene	11.77	119	154116	6.104	ug/l	89
84) 1,2,4-Trimethylbenzene	11.94	105	428333	16.832	ug/l #	31
85) sec-Butylbenzene	11.94	105	428333	14.205	ug/l #	55
86) p-Isopropyltoluene	12.23	119	664892	24.651	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	6666	0.610	ug/l #	20
89) n-Butylbenzene	12.37	91	16300	0.709	ug/l #	5
90) Hexachloroethane	12.67	117	197296	46.063	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	4106	0.276	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.98	75	8118	4.269	ug/l #	1
95) Naphthalene	13.80	128	11941	0.386	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

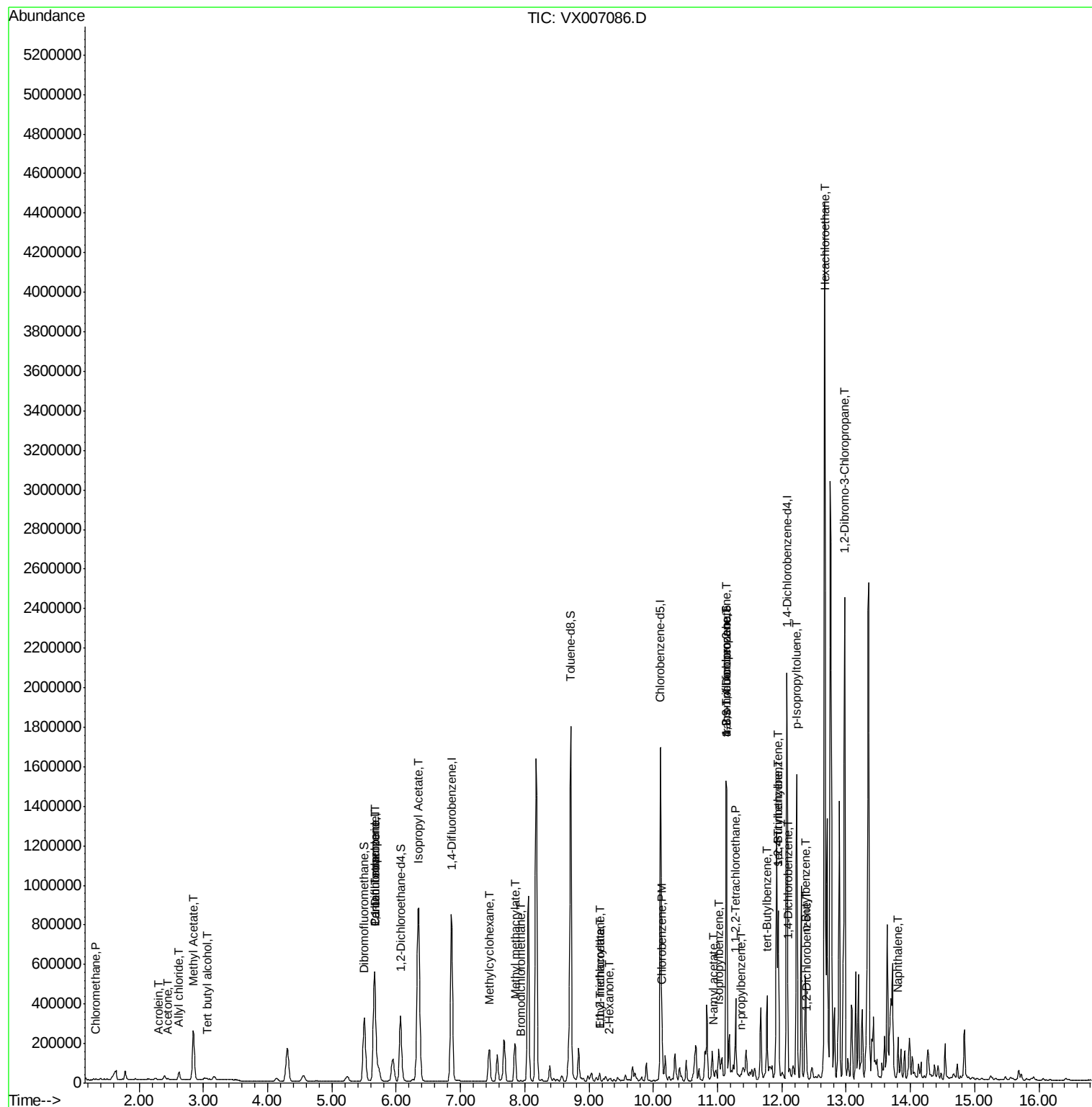
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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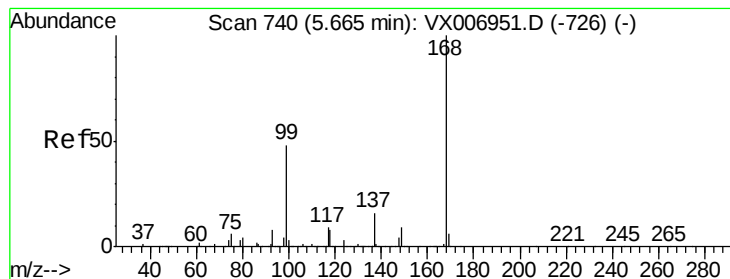
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007086.D
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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: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

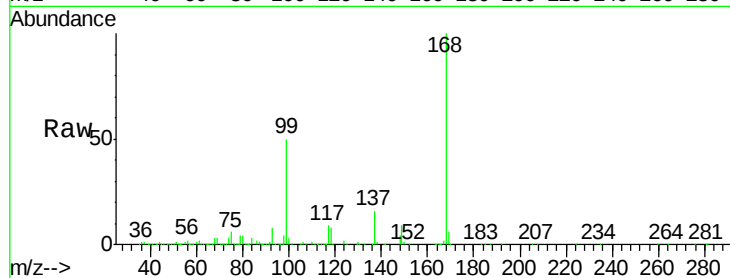
SS038RW150-190115

Tot Ion:168 Resp: 581821

Ion Ratio Lower Upper

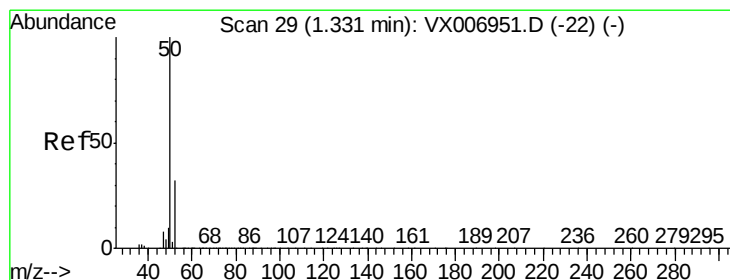
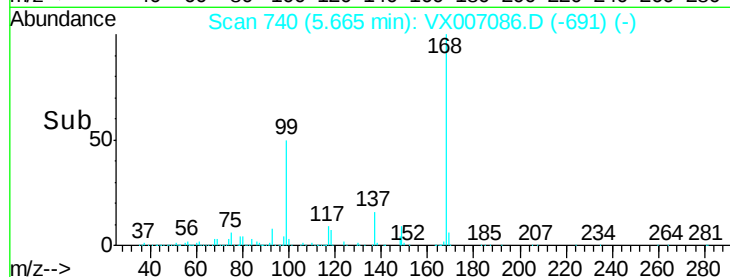
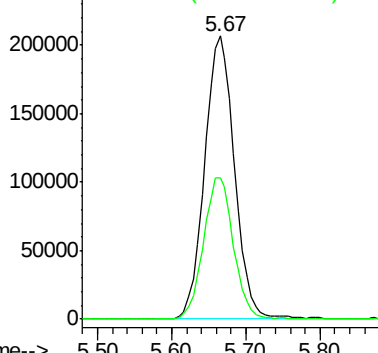
168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.483 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007086.D

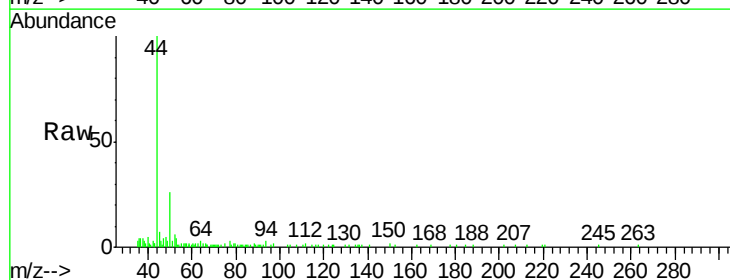
Acq: 17 Jan 2019 14:03

Tgt Ion: 50 Resp: 2684

Ion Ratio Lower Upper

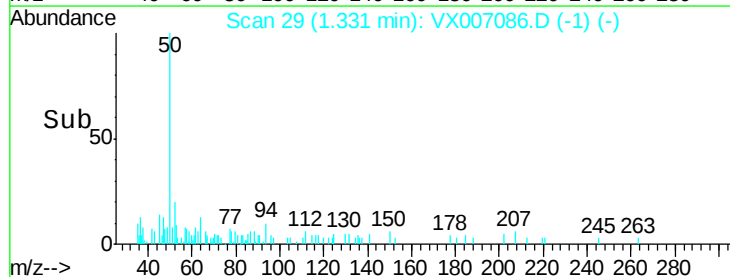
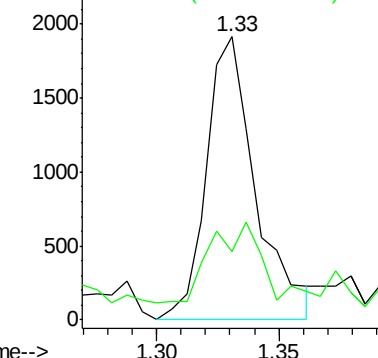
50 100

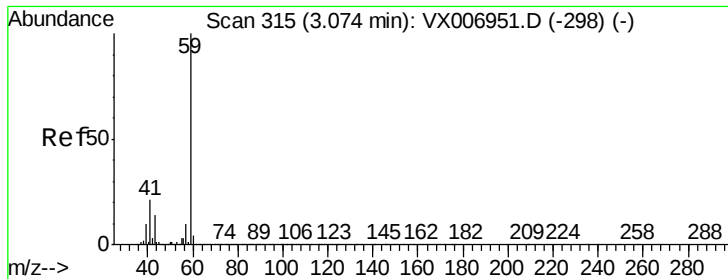
52 18.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



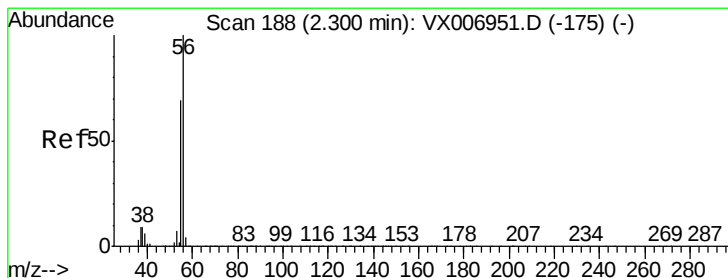
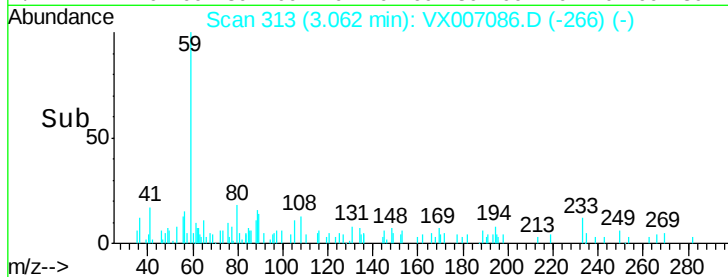
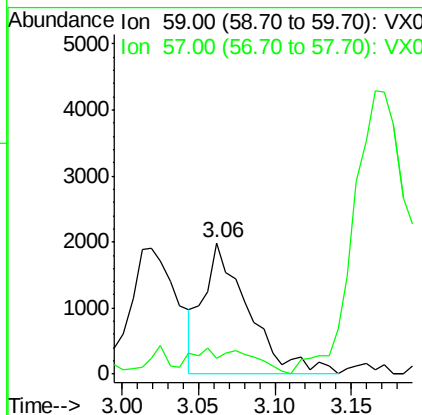
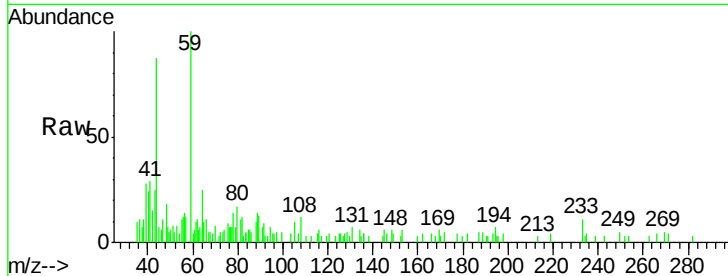


#11

Tert butyl alcohol
Concen: 2.843 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115

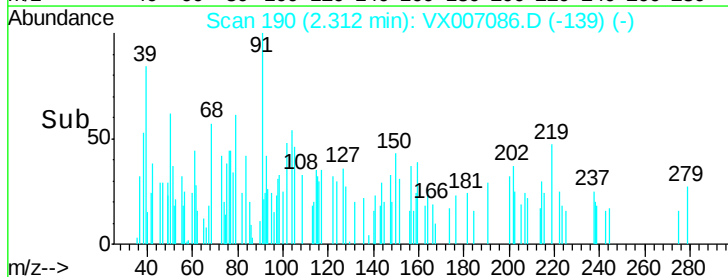
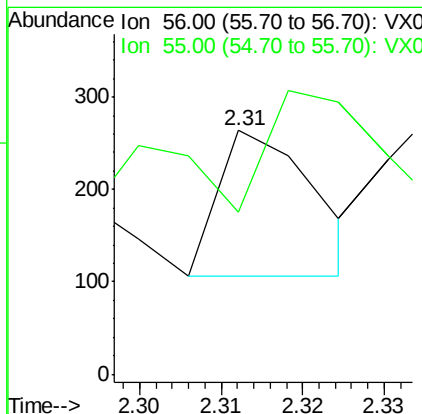
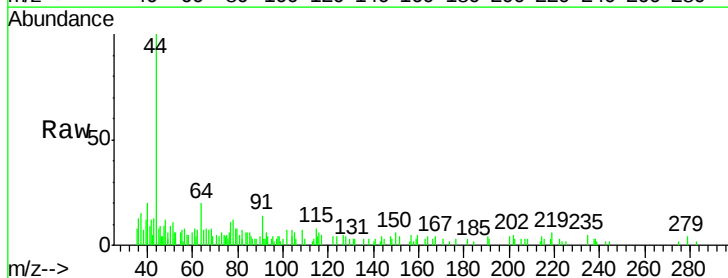
Tot Ion: 59 Resp: 4078
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

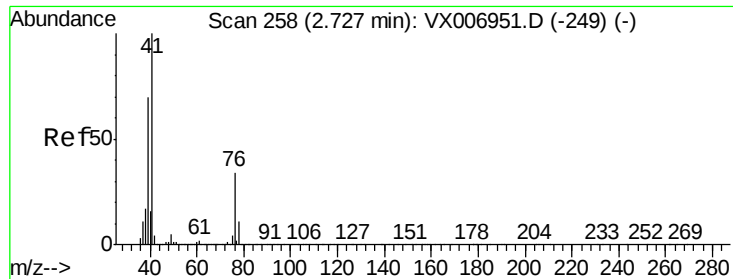


#13

Acrolein
Concen: 3.290 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 155.0 58.2 87.4#

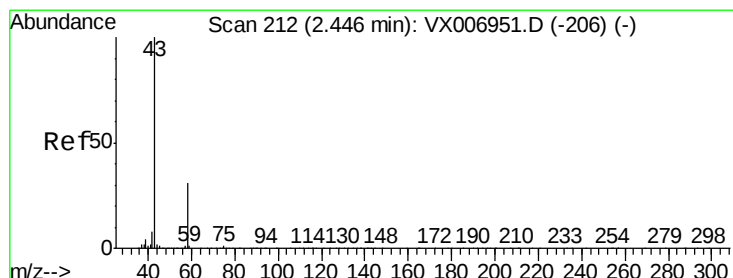
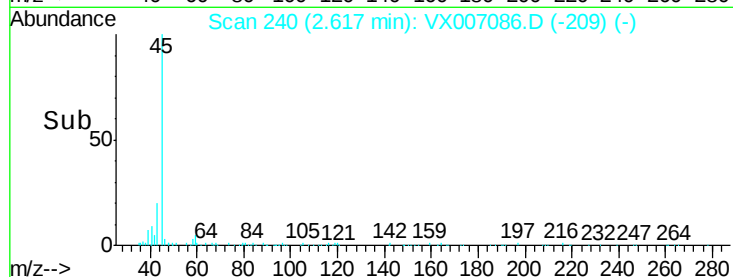
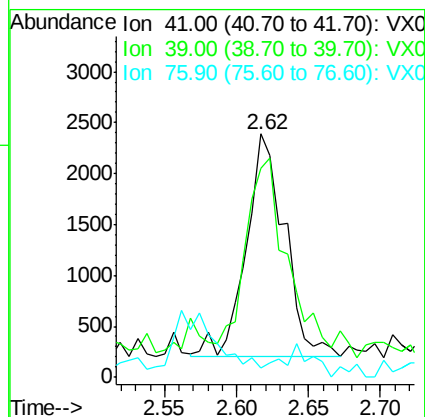
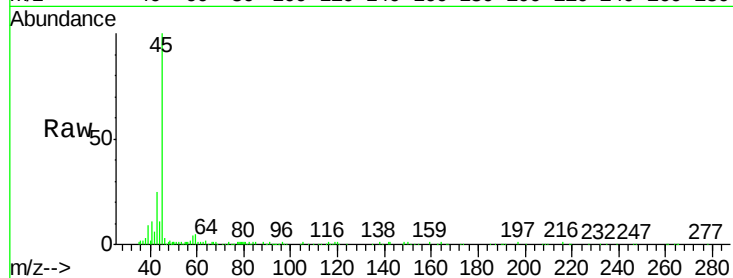




#14
Allvl chloride
Concen: 0.439 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.11 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

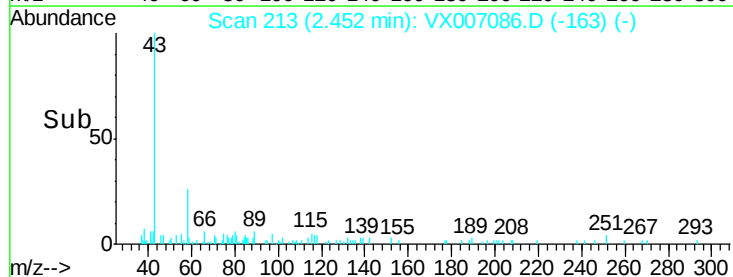
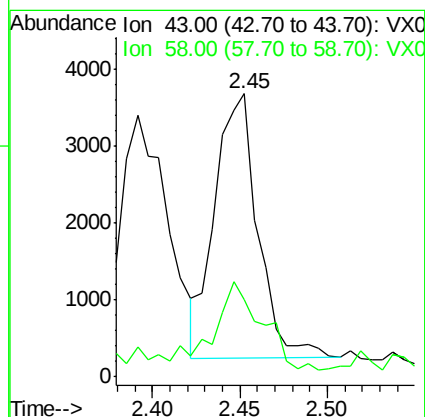
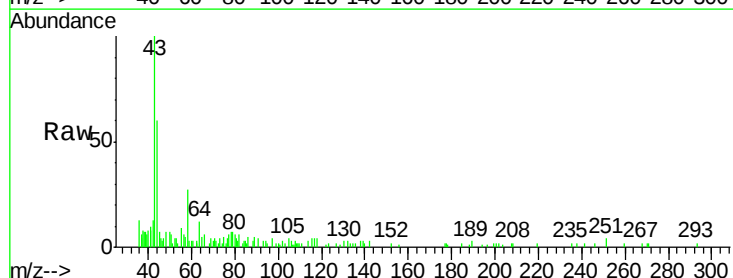
Instrument :
MSVOA_X
ClientSampleId :
SS038RW150-190115

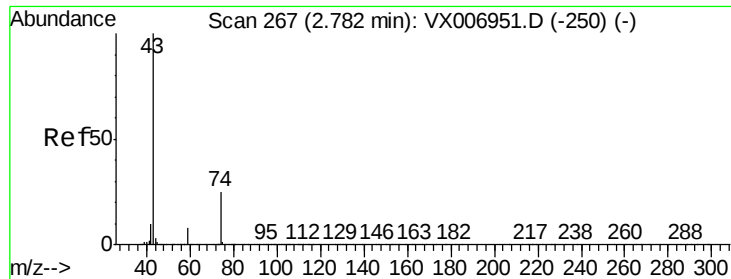
Tot Ion: 41 Resp: 4023
Ion Ratio Lower Upper
41 100
39 86.5 53.6 80.4#
76 0.0 27.4 41.2#



#16
Acetone
Concen: 1.956 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
58 25.5 25.0 37.6

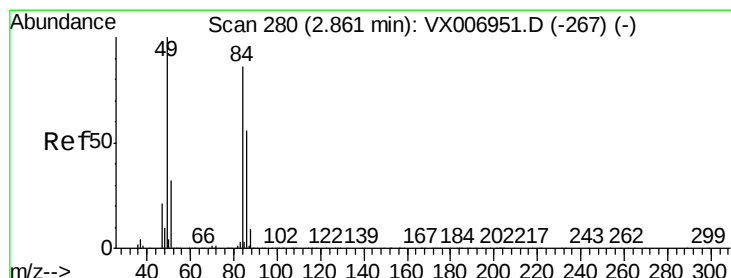
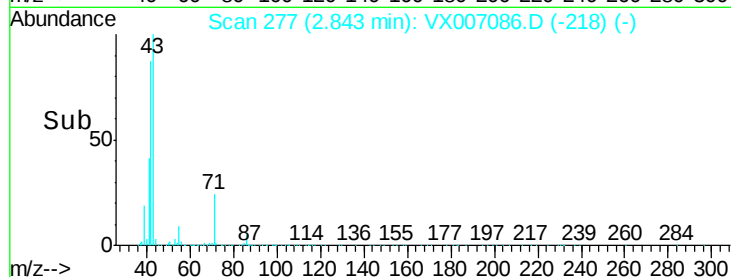
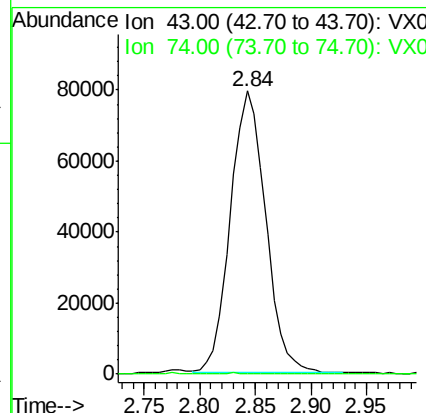
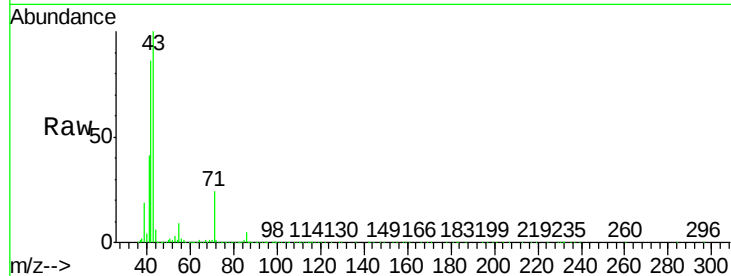




#18
Methyl Acetate
Concen: 20.052 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

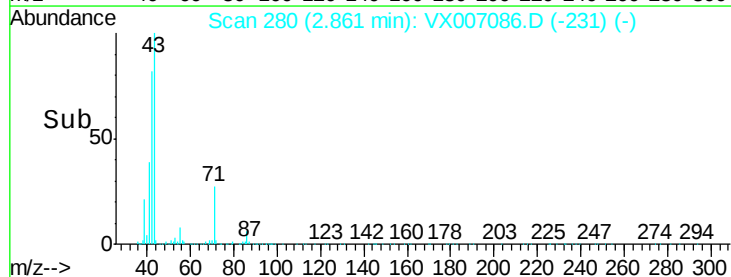
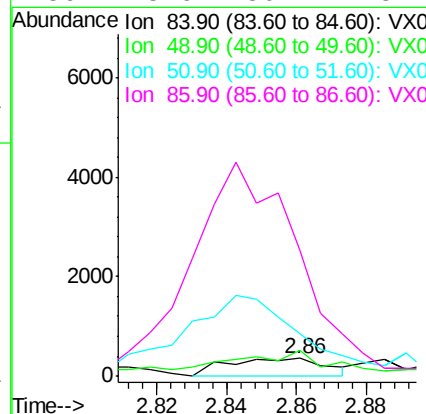
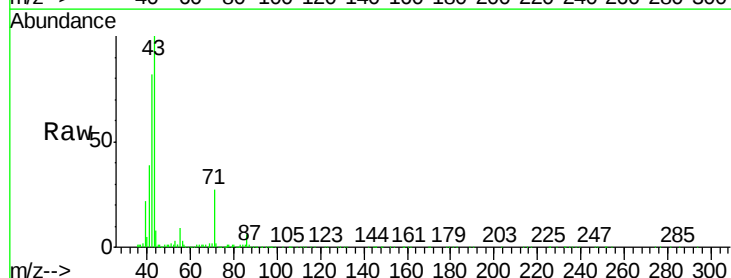
Instrument :
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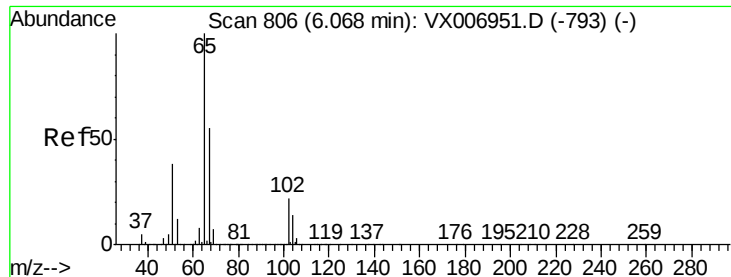
Tot Ion: 43 Resp: 174557
Ion Ratio Lower Upper
43 100
74 0.1 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007086.D
Acq: 17 Jan 2019 14:03

Tgt Ion: 84 Resp: 697
Ion Ratio Lower Upper
84 100
49 94.3 91.8 137.6
51 128.0 28.5 42.7#
86 478.6 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 50.099 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

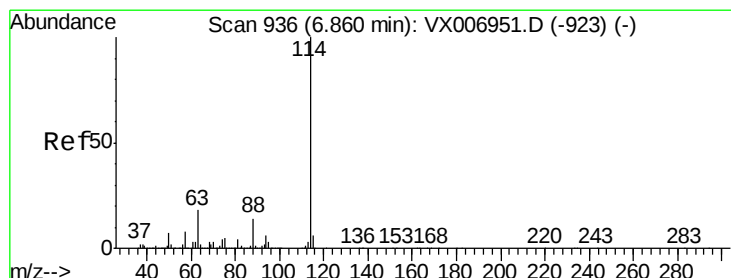
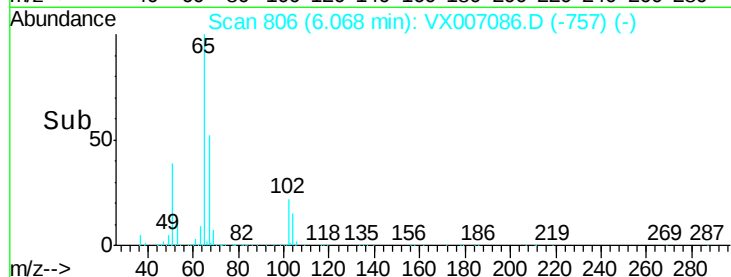
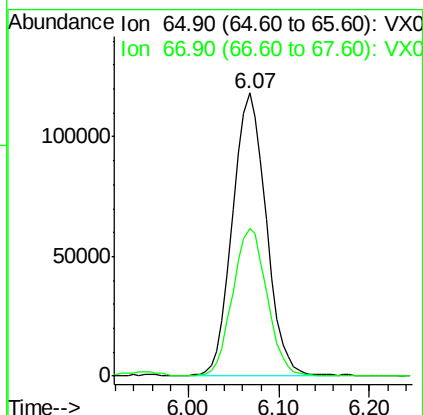
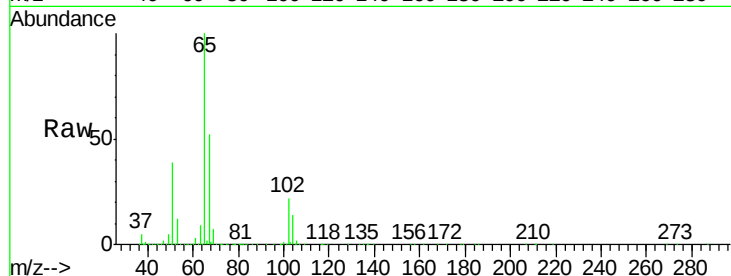
SS038RW150-190115

Tot Ion: 65 Resp: 304626

Ion Ratio Lower Upper

65 100

67 53.1 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: VX007086.D

Acq: 17 Jan 2019 14:03

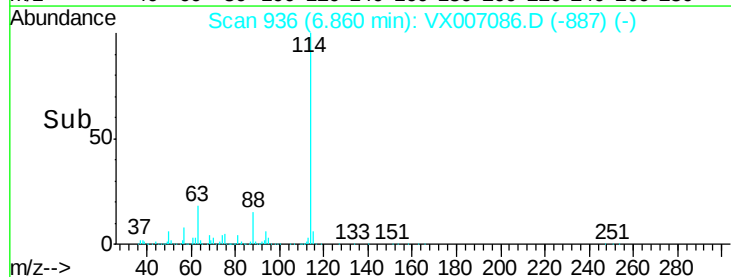
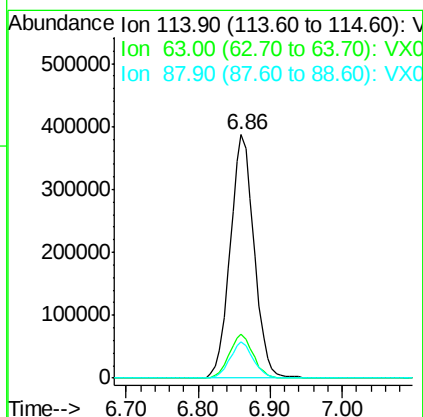
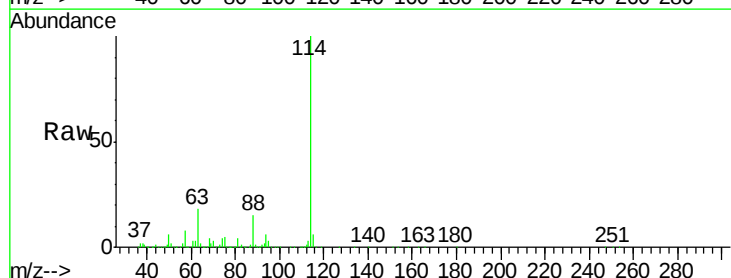
Tgt Ion: 114 Resp: 892584

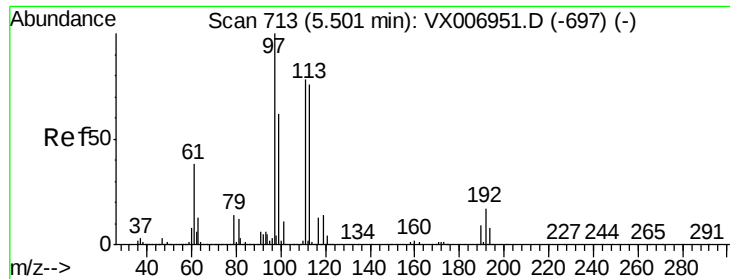
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.438 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

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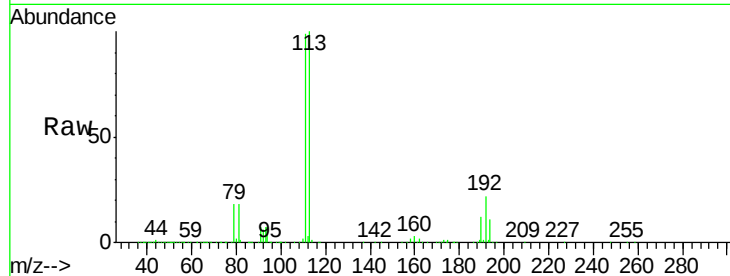
Tot Ion:113 Resp: 271156

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

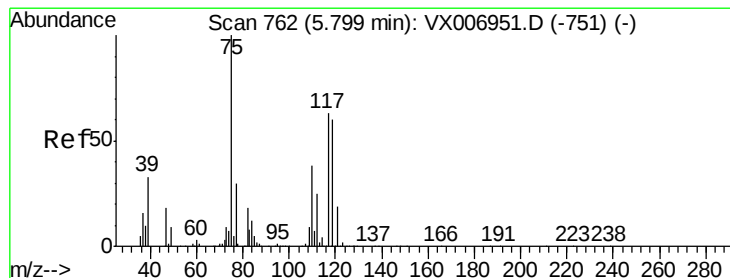
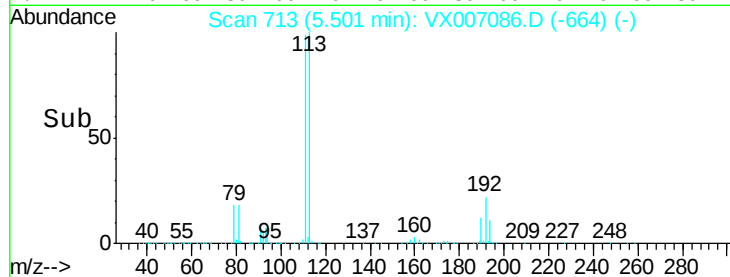
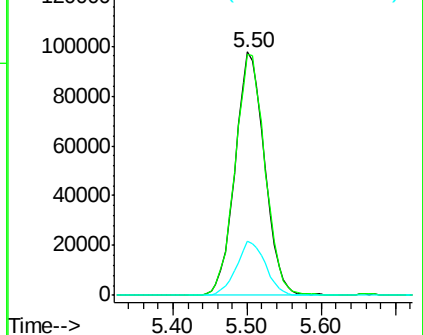
192 22.2 16.7 25.1



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: 4.735 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

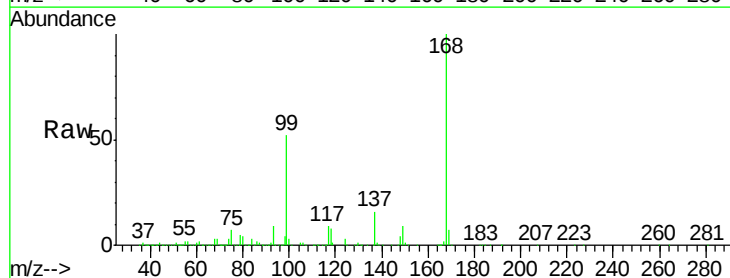
Tgt Ion: 75 Resp: 36742

Ion Ratio Lower Upper

75 100

110 10.6 20.2 60.5#

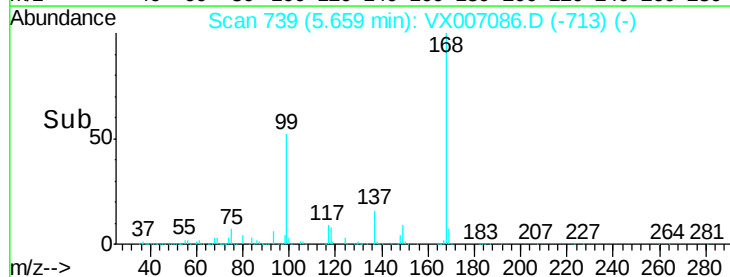
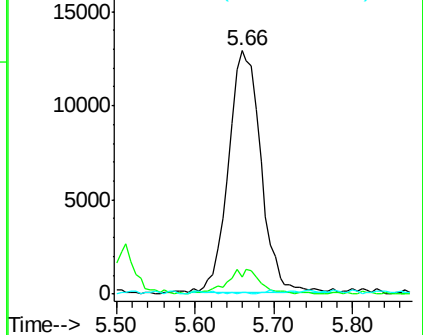
77 0.2 24.8 37.2#

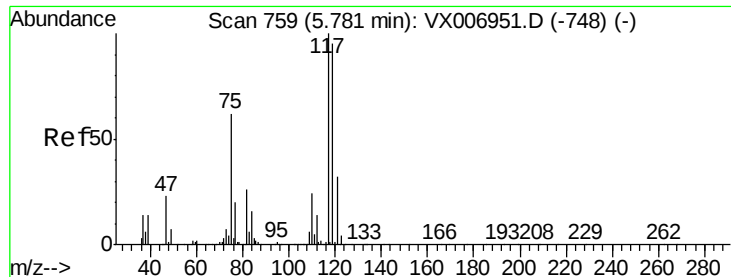


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.716 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

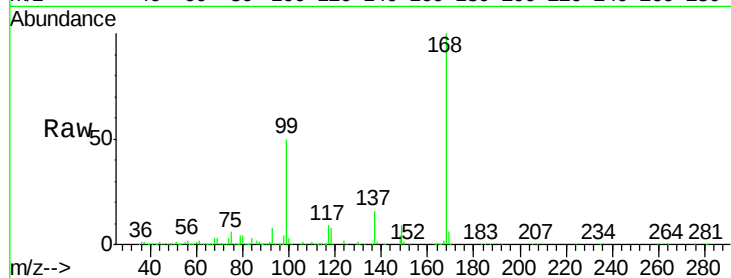
Tot Ion:117 Resp: 52435

Ion Ratio Lower Upper

117 100

119 3.7 79.4 119.2#

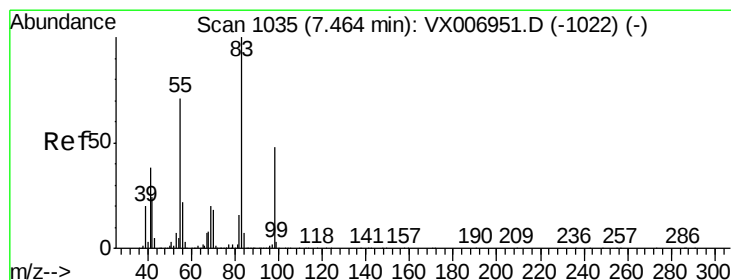
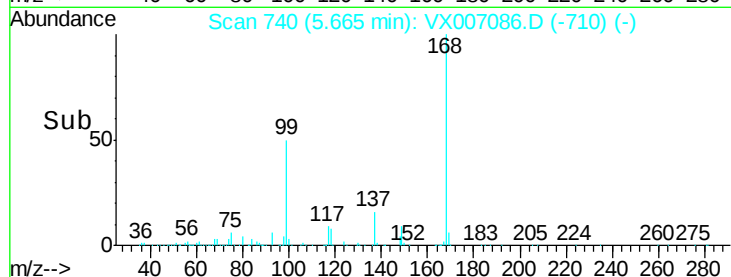
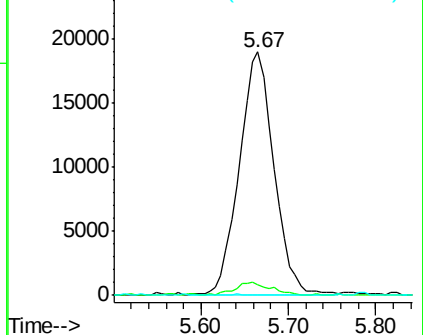
121 0.0 24.0 36.0#



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

Methylcyclohexane

Concen: 4.005 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

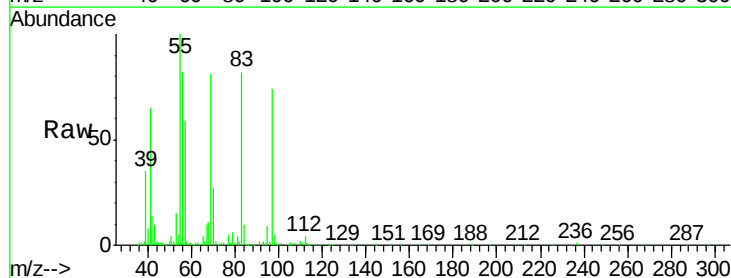
Tgt Ion: 83 Resp: 39622

Ion Ratio Lower Upper

83 100

55 121.5 54.9 82.3#

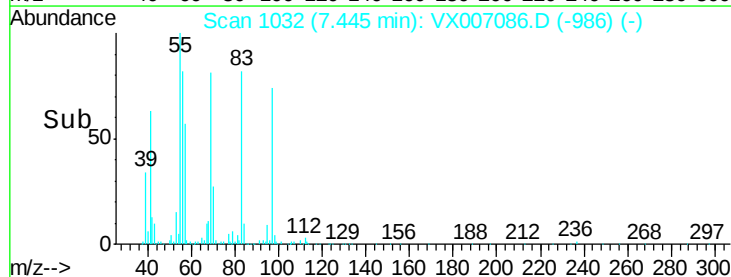
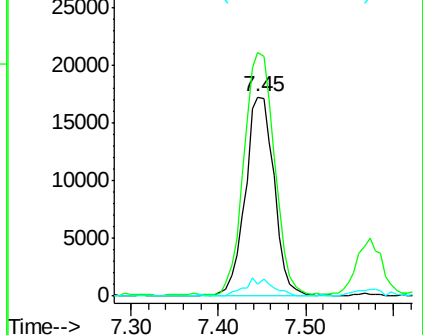
98 6.2 37.9 56.9#

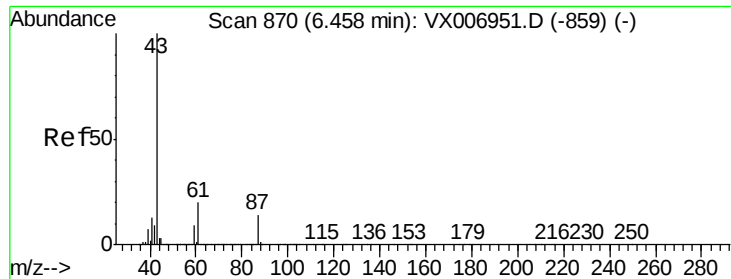


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



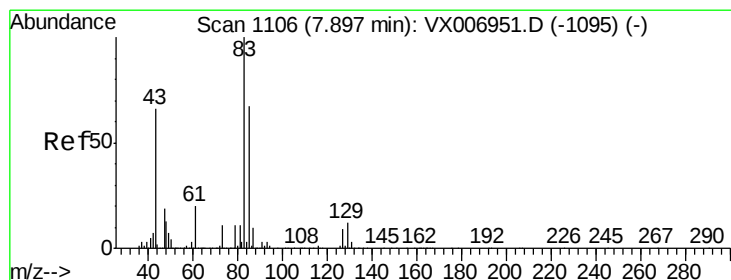
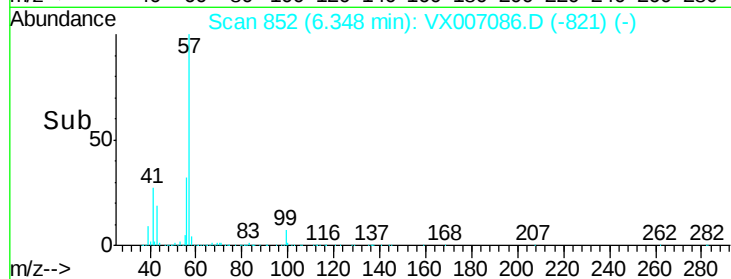
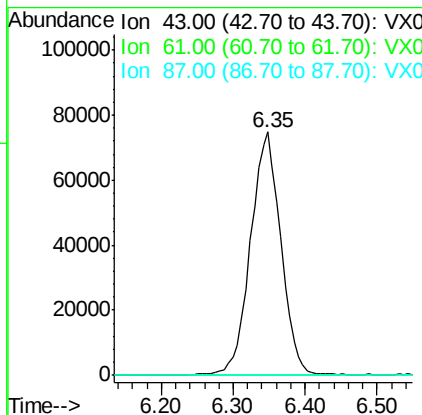
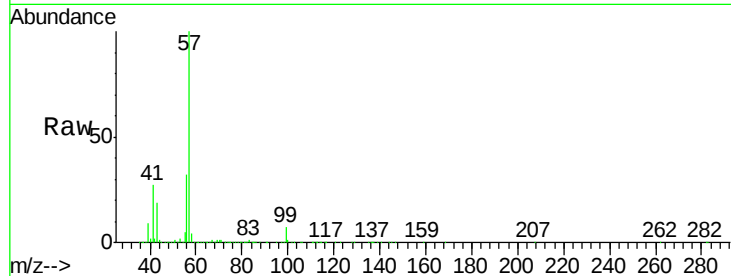


#43

Isopropyl Acetate
 Concen: 16.629 ug/l
 RT: 6.35 min Scan# 852
 Delta R.T. -0.11 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

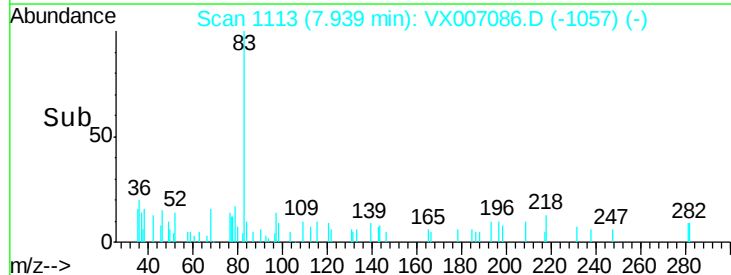
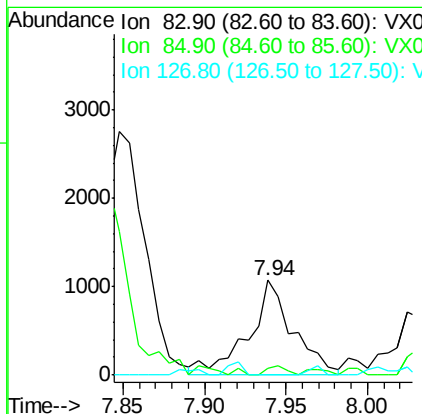
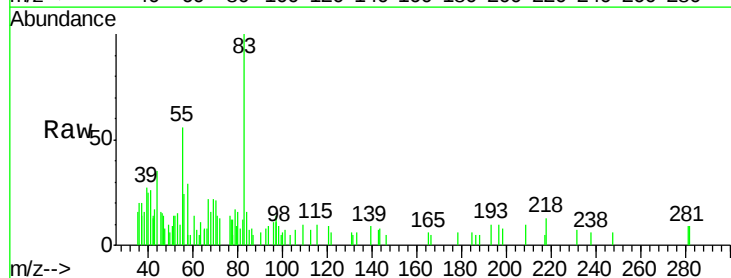
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.8	25.2#
87	0.0	12.4	18.6#

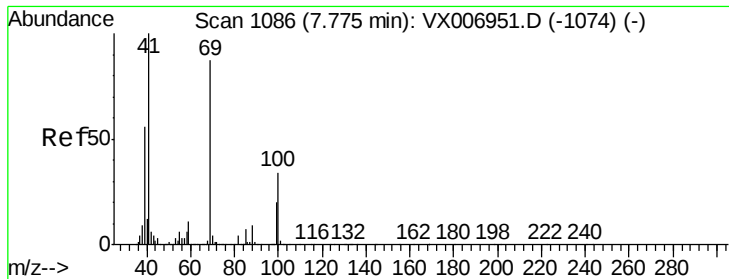


#47

Bromodichloromethane
 Concen: 0.287 ug/l
 RT: 7.94 min Scan# 1113
 Delta R.T. 0.04 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	7.6	53.2	79.8#
127	0.0	7.8	11.6#





#48

Methvl methacrylate

Concen: 4.442 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. 0.07 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

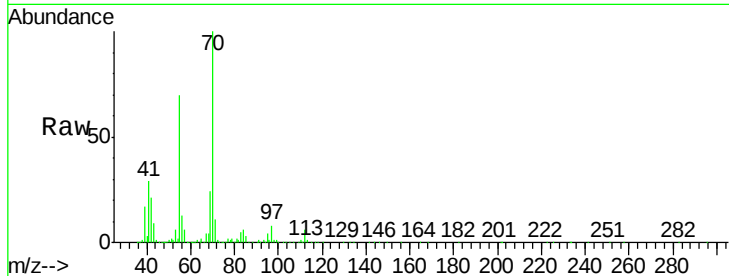
Tot Ion: 41 Resp: 29939

Ion Ratio Lower Upper

41 100

69 87.9 72.4 108.6

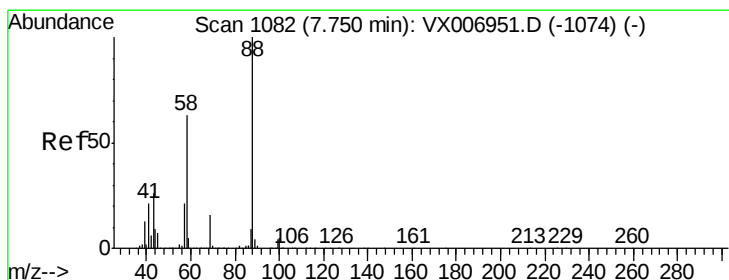
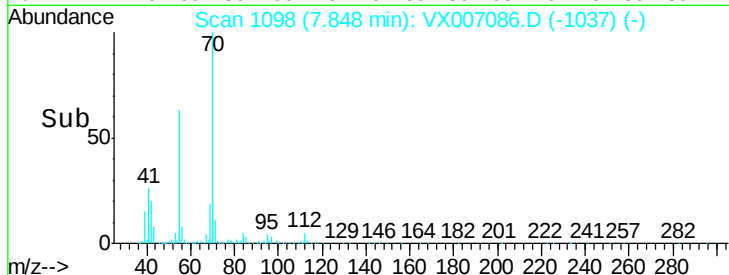
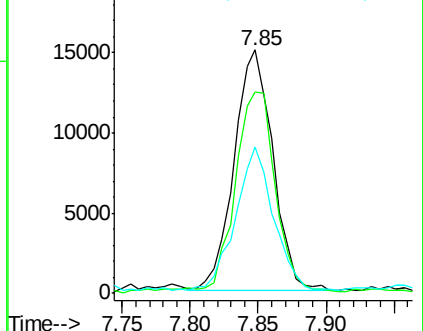
39 58.8 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

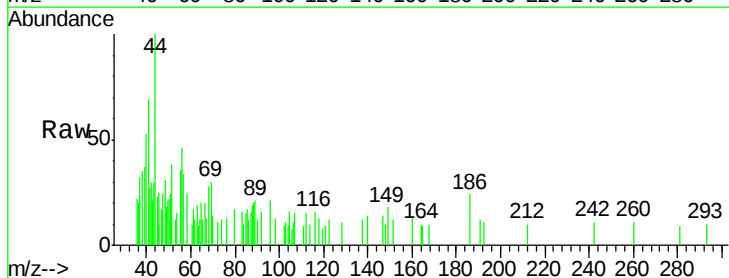
Tgt Ion: 88 Resp: 366

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

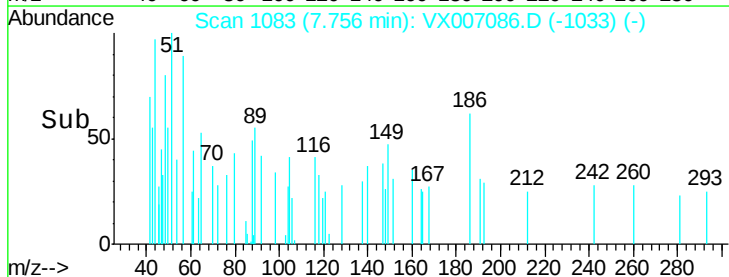
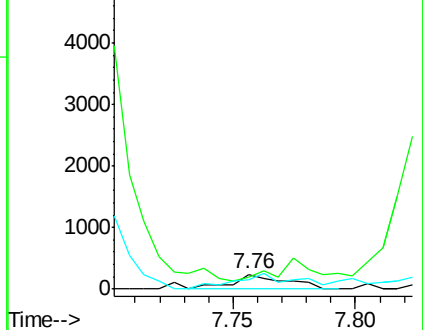
58 118.6 51.0 76.4#

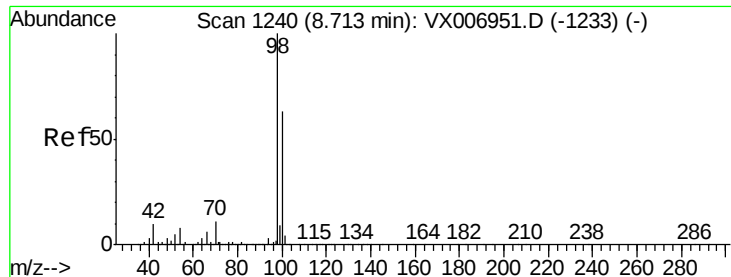


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.710 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

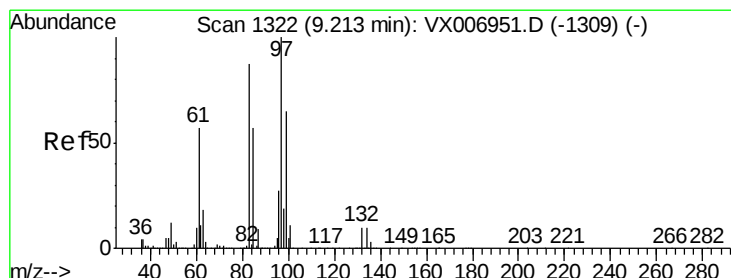
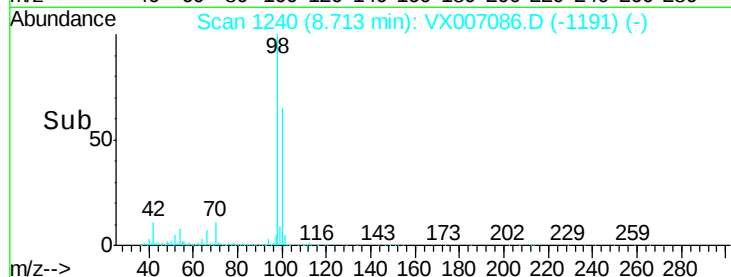
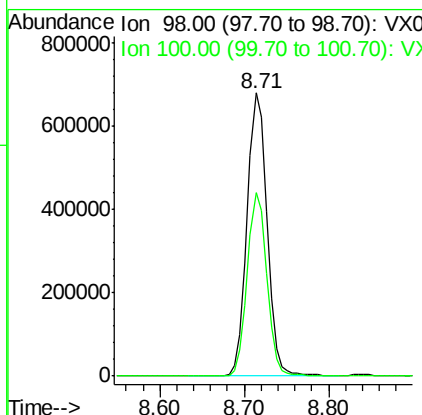
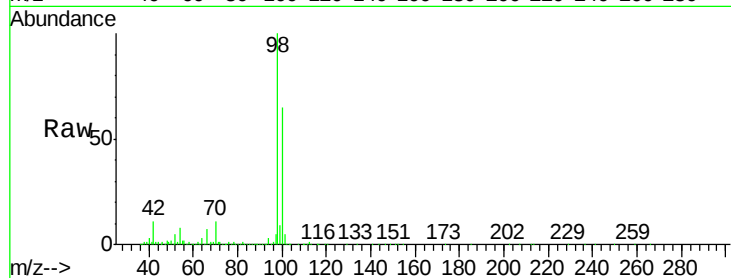
SS038RW150-190115

Tot Ion: 98 Resp: 1081908

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 2.388 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Tgt Ion: 97 Resp: 14545

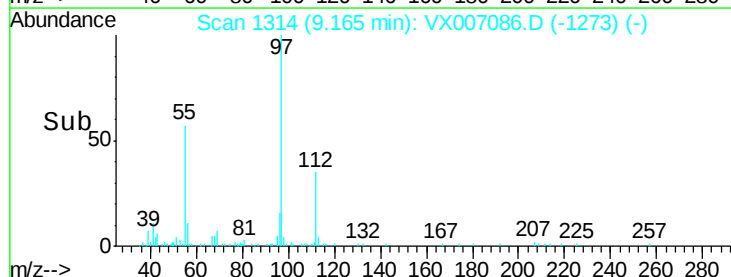
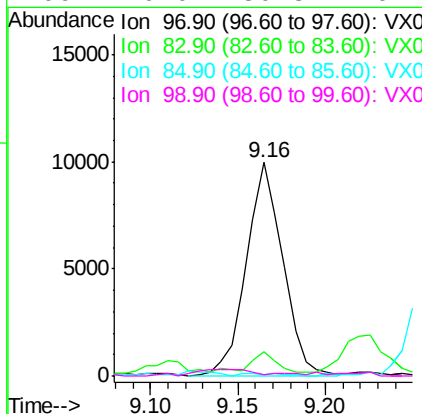
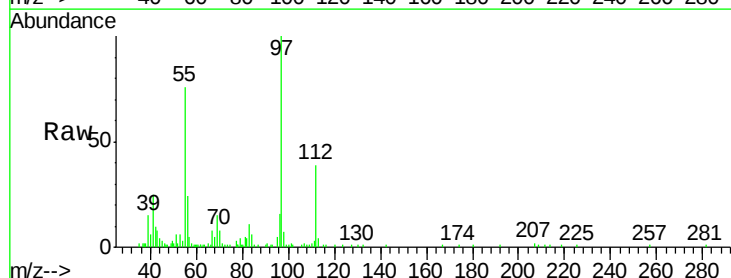
Ion Ratio Lower Upper

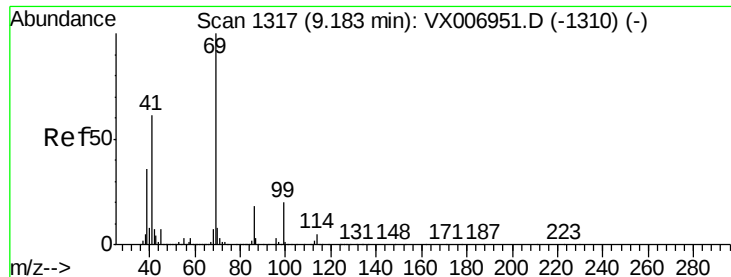
97 100

83 9.1 66.6 99.8#

85 0.0 42.7 64.1#

99 0.0 50.8 76.2#





#56

Ethyl methacrylate

Concen: 0.319 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

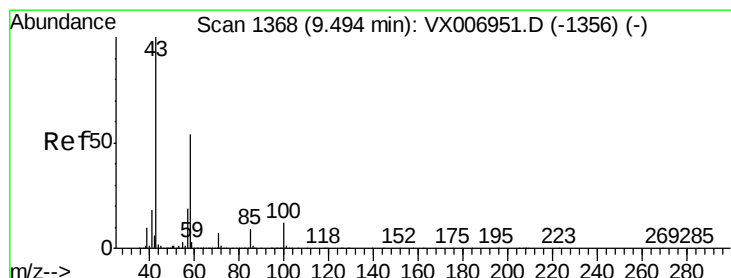
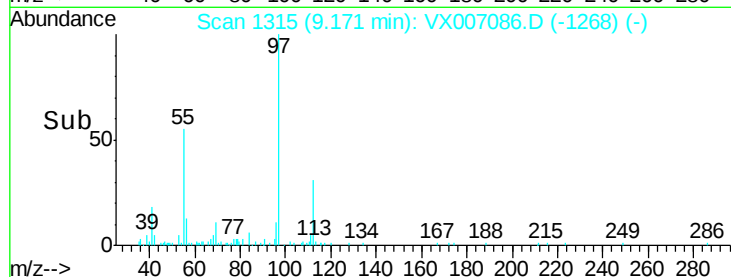
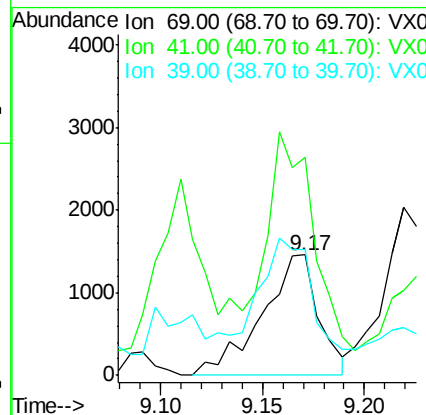
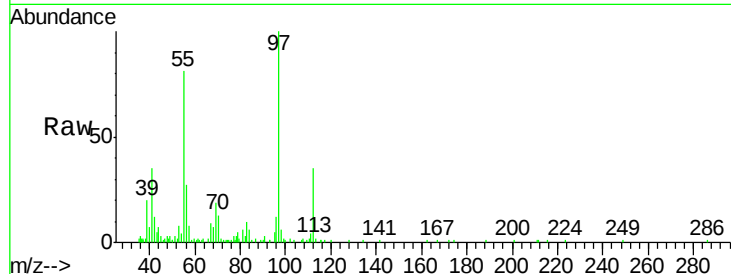
Tot Ion: 69 Resp: 2833

Ion Ratio Lower Upper

69 100

41 145.4 48.7 73.1#

39 77.3 27.0 40.6#



#59

2-Hexanone

Concen: 0.654 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.19 min

Lab File: VX007086.D

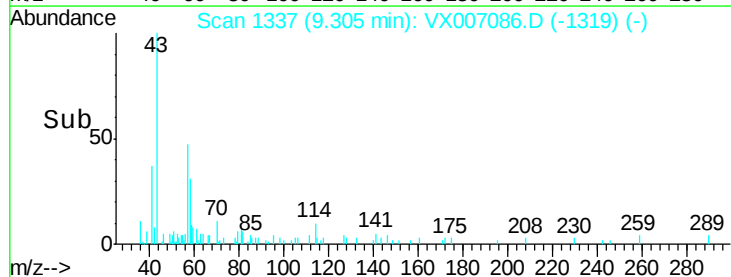
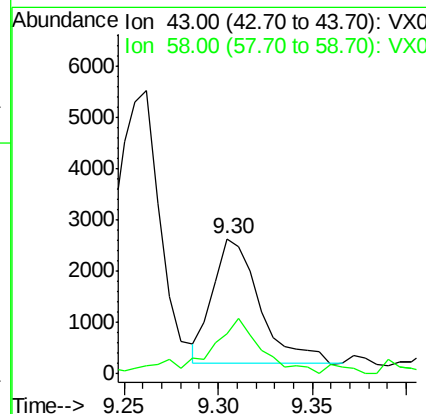
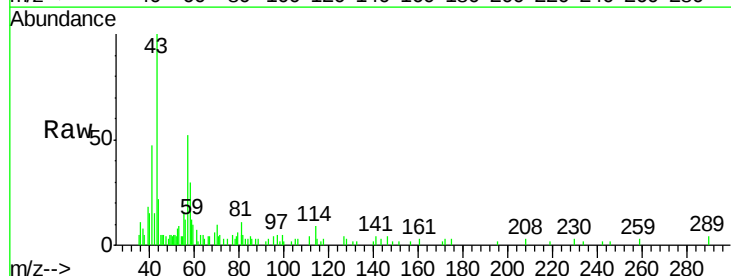
Acq: 17 Jan 2019 14:03

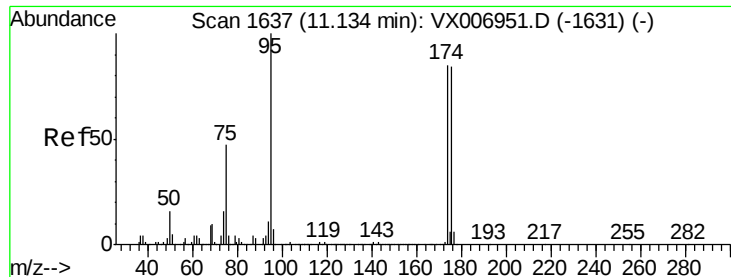
Tgt Ion: 43 Resp: 4206

Ion Ratio Lower Upper

43 100

58 43.8 27.7 83.1





#62

4-Bromofluorobenzene

Concen: 54.558 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

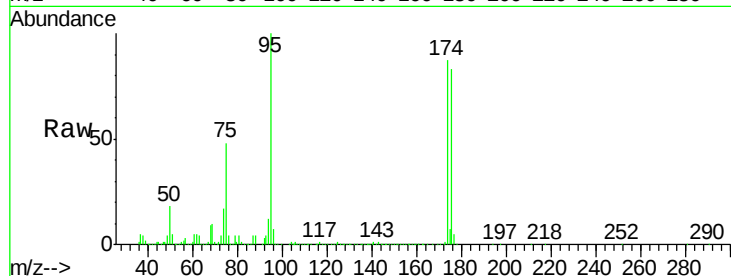
Tot Ion: 95 Resp: 397949

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

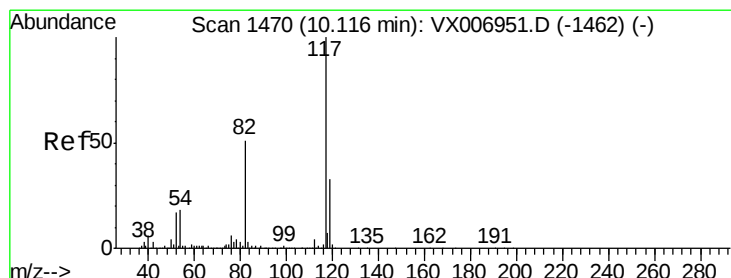
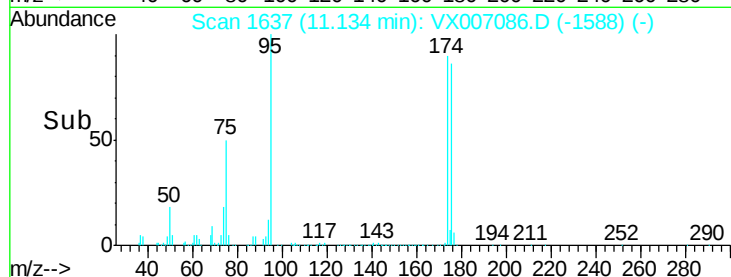
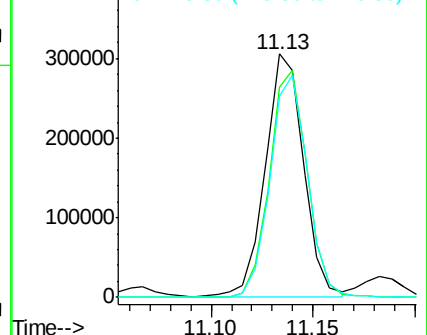
176 90.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

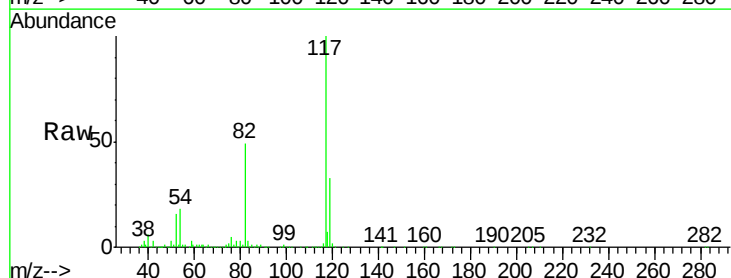
Tgt Ion: 117 Resp: 844005

Ion Ratio Lower Upper

117 100

82 49.2 41.0 61.6

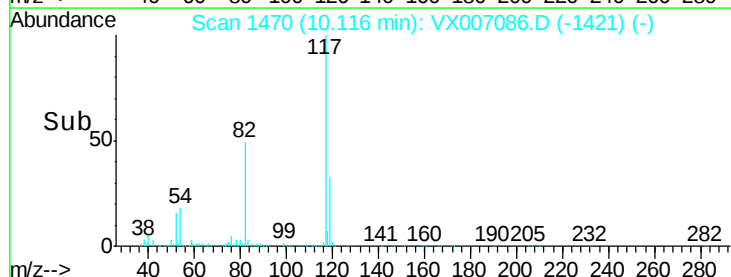
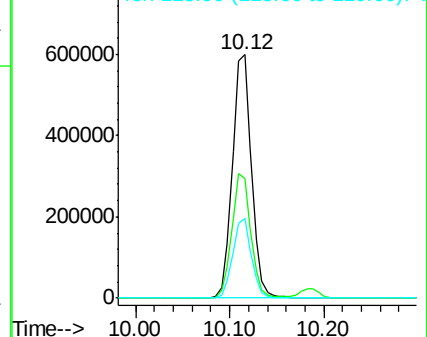
119 32.6 25.4 38.0

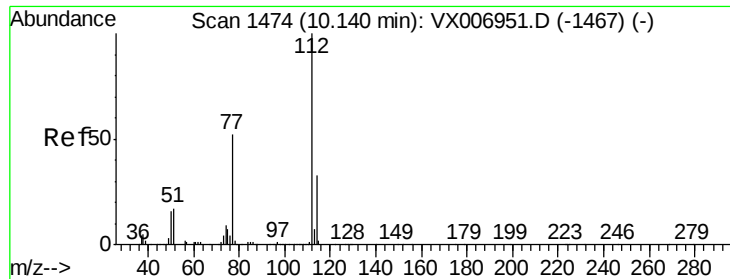


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#65

Chlorobenzene

Concen: 4.099 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

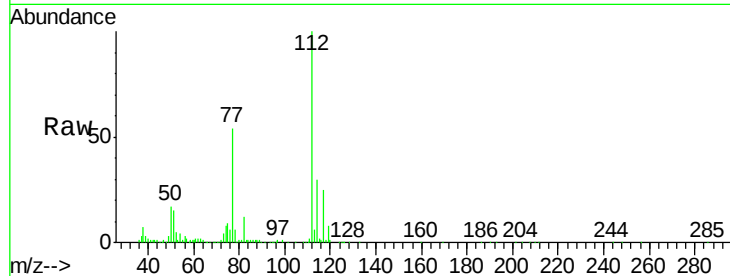
SS038RW150-190115

Tot Ion:112 Resp: 75452

Ion Ratio Lower Upper

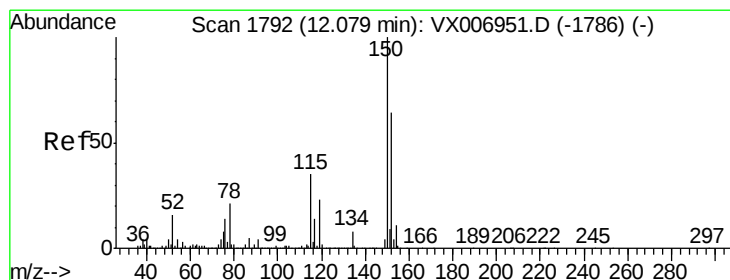
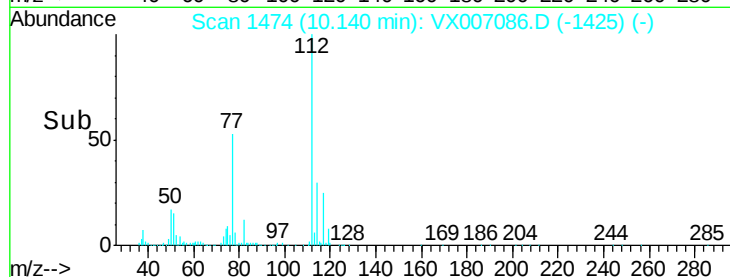
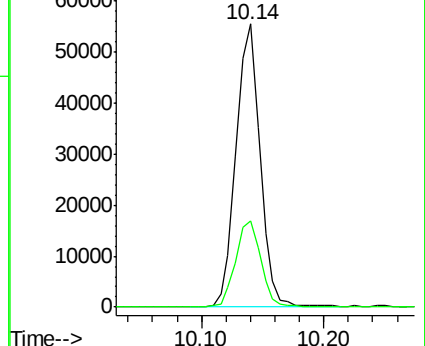
112 100

114 30.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

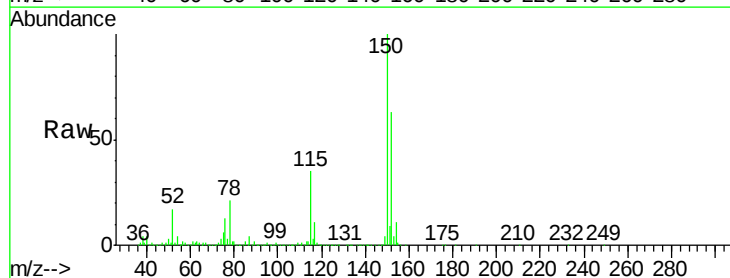
Tgt Ion:152 Resp: 429503

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

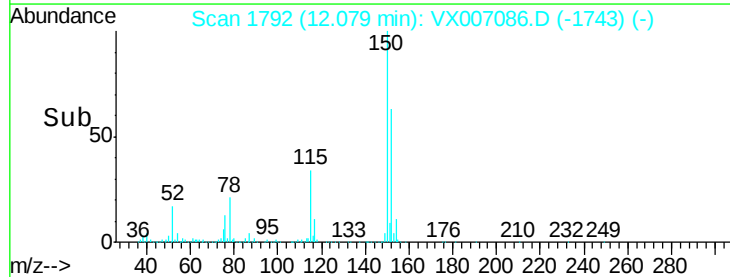
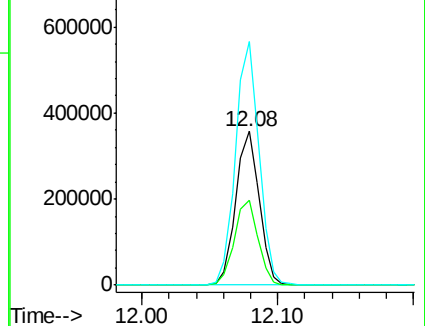
150 158.4 0.0 344.8

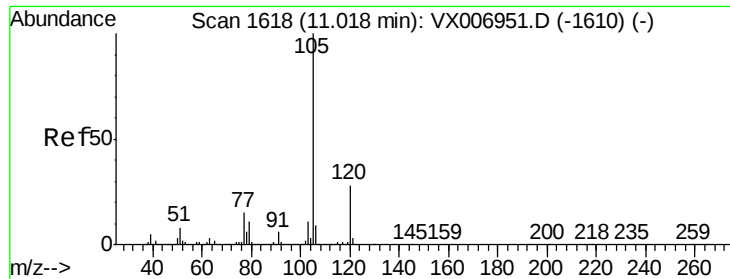


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.586 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

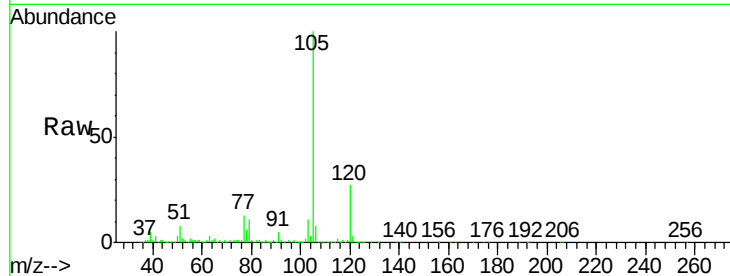
SS038RW150-190115

Tot Ion:105 Resp: 78325

Ion Ratio Lower Upper

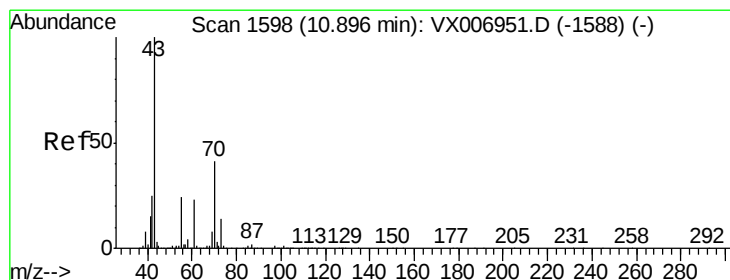
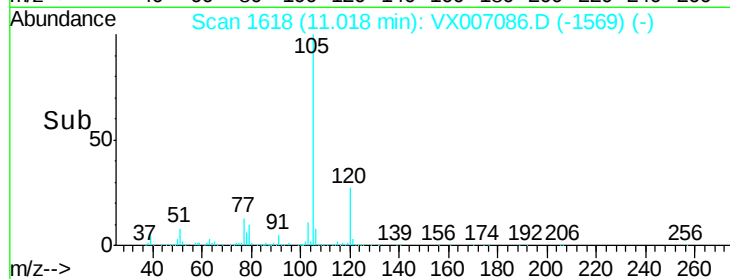
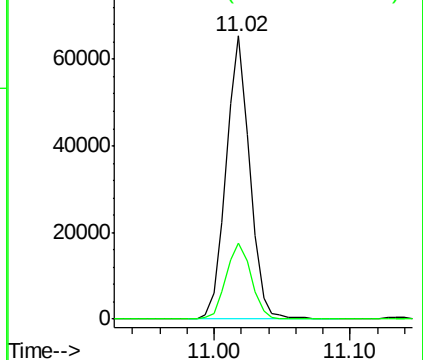
105 100

120 28.6 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: 0.387 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Tgt Ion: 43 Resp: 4719

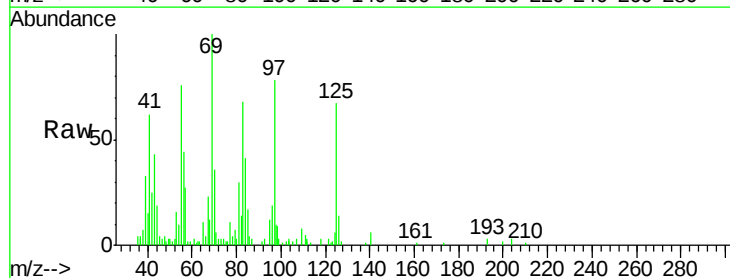
Ion Ratio Lower Upper

43 100

70 60.3 35.8 53.8#

55 356.5 19.4 29.0#

61 0.0 20.1 30.1#

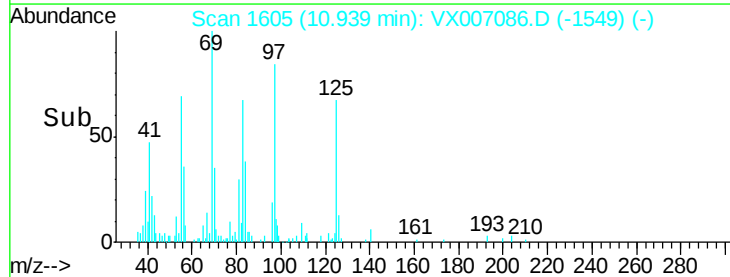
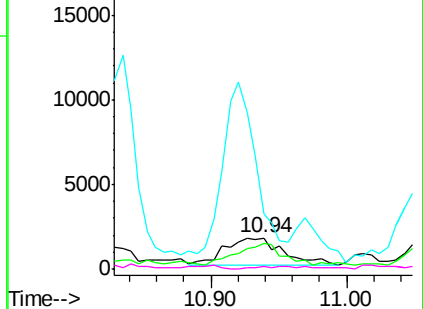


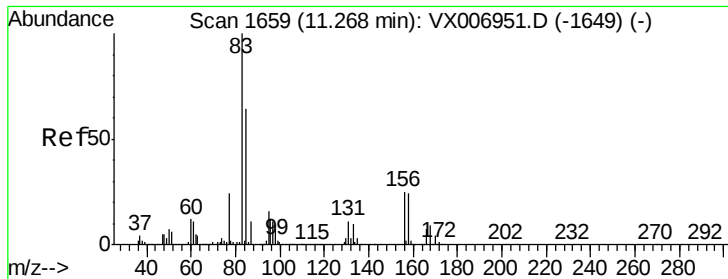
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.883 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

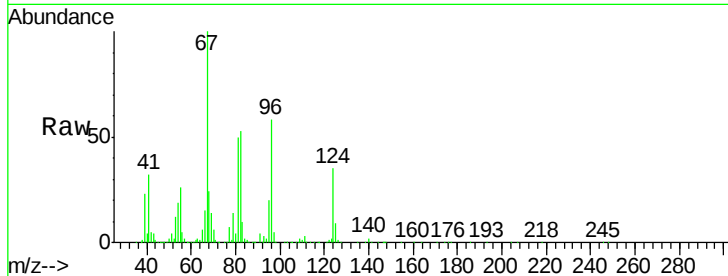
Tot Ion: 83 Resp: 8487

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

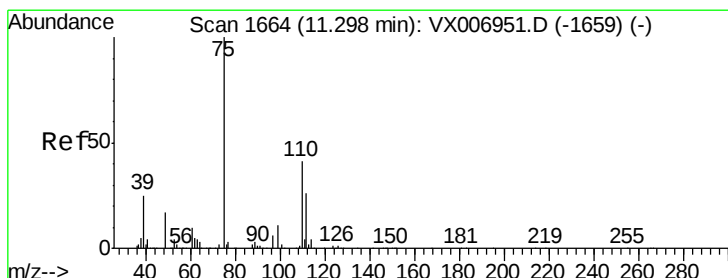
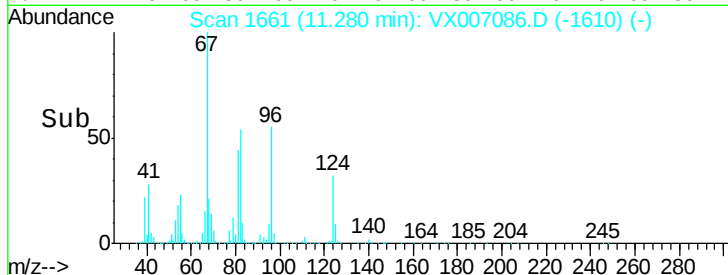
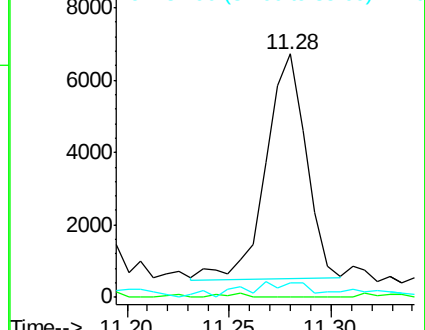
85 11.5 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007086.D

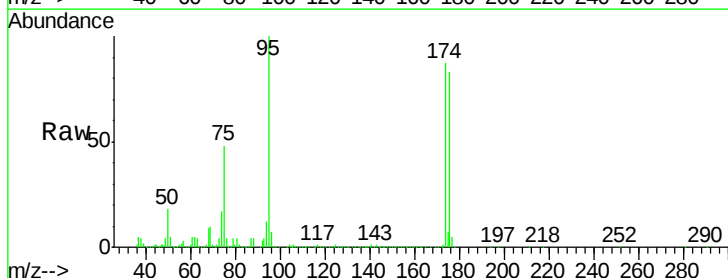
Acq: 17 Jan 2019 14:03

Tgt Ion: 75 Resp: 188601

Ion Ratio Lower Upper

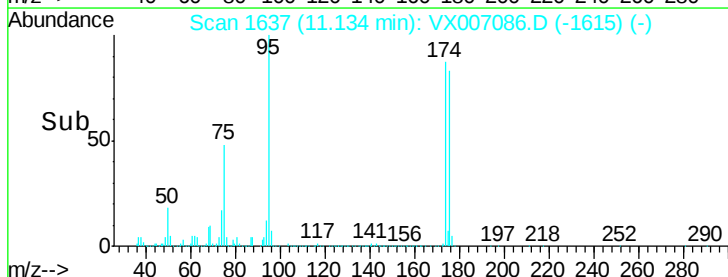
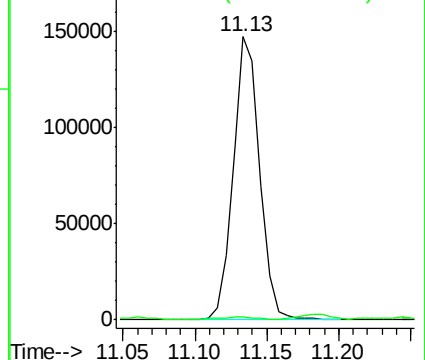
75 100

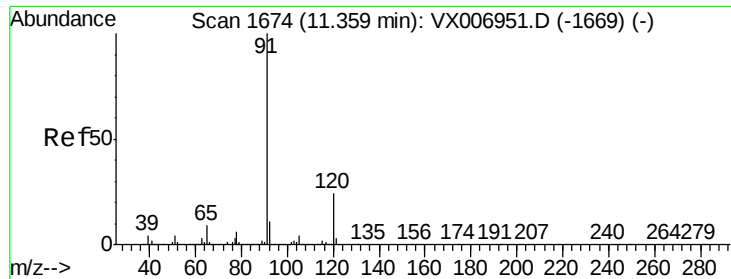
77 1.0 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.238 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

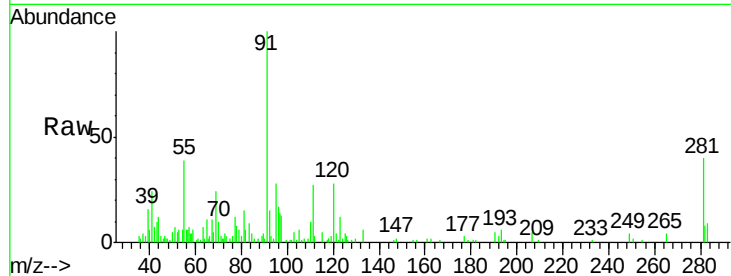
SS038RW150-190115

Tot Ion: 91 Resp: 7923

Ion Ratio Lower Upper

91 100

120 26.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

1000

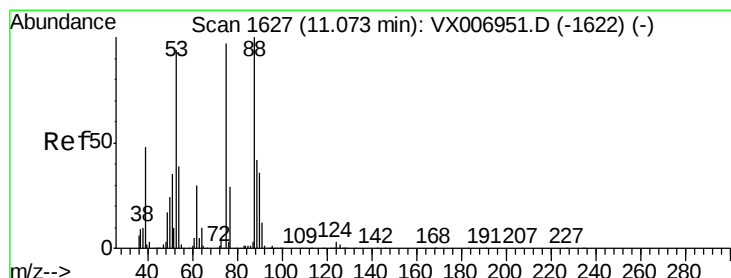
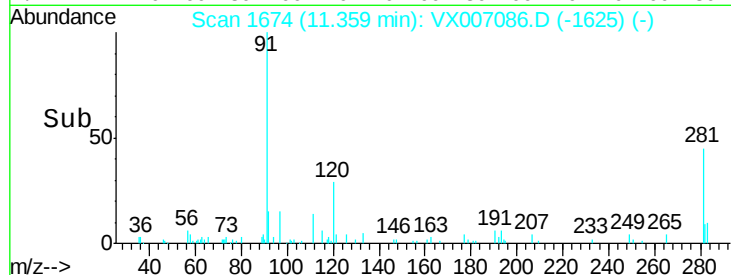
0

11.30

11.35

11.40

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 64.230 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

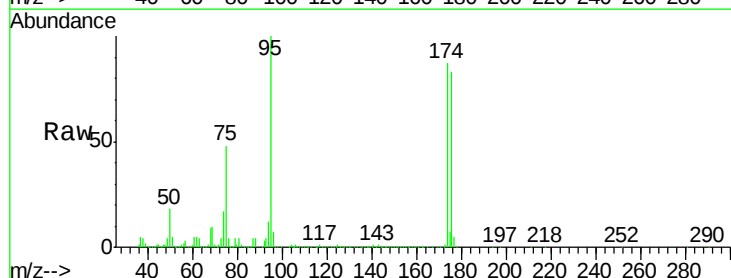
Tgt Ion: 75 Resp: 188601

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.1 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

200000

150000

100000

50000

0

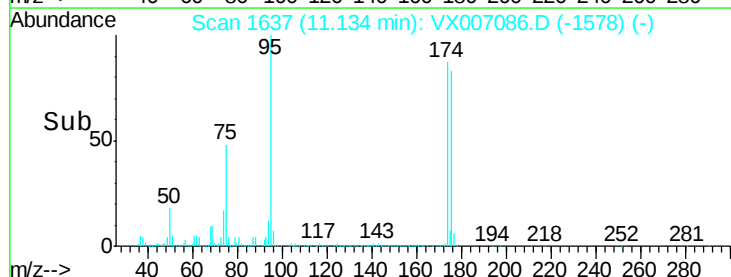
11.05

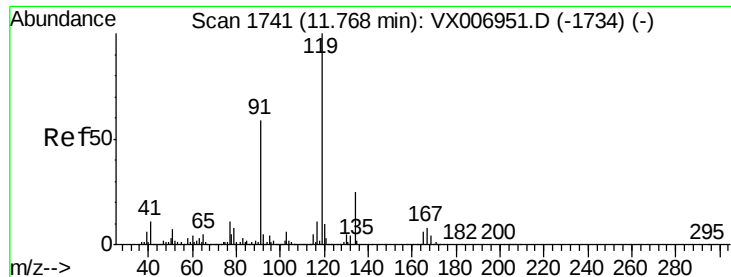
11.10

11.15

11.20

Time-->





#83

tert-Butylbenzene

Concen: 6.104 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

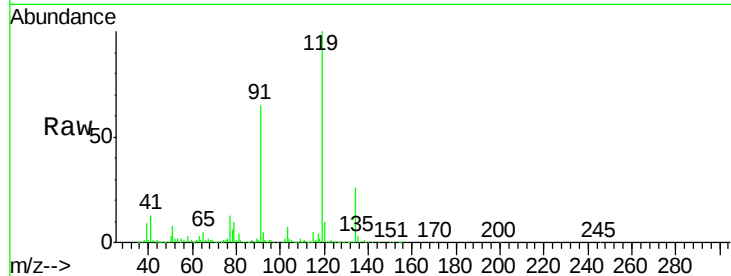
Tot Ion:119 Resp: 154116

Ion Ratio Lower Upper

119 100

91 65.0 27.7 83.1

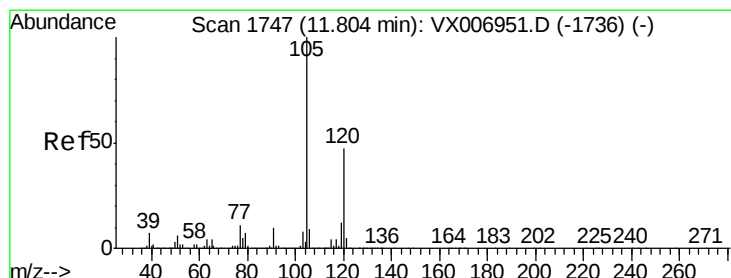
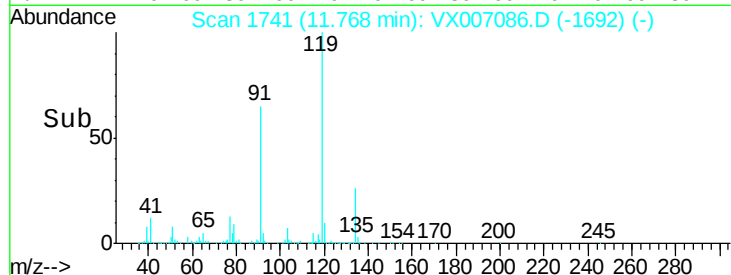
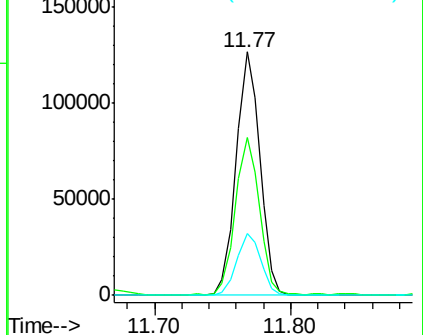
134 26.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 16.832 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.14 min

Lab File: VX007086.D

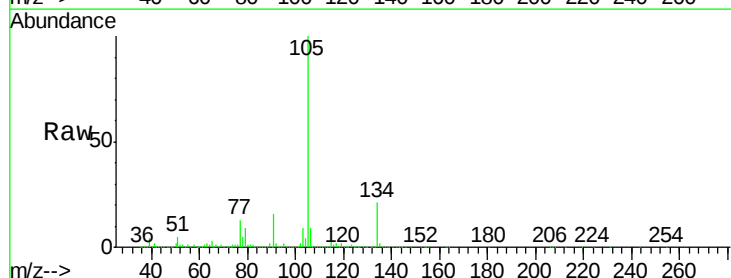
Acq: 17 Jan 2019 14:03

Tgt Ion:105 Resp: 428333

Ion Ratio Lower Upper

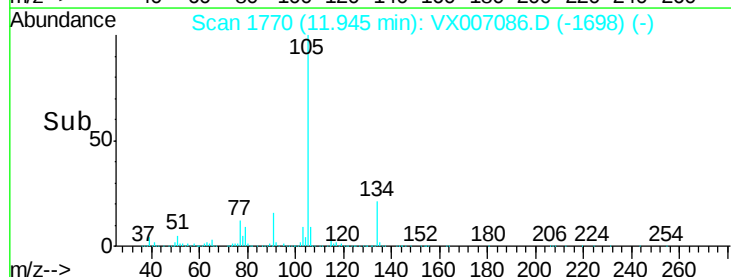
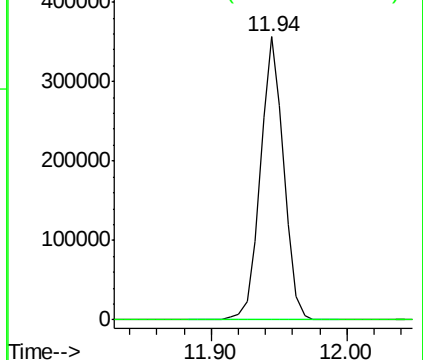
105 100

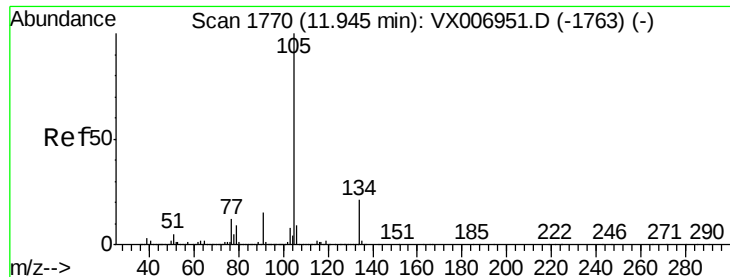
120 0.4 23.2 69.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

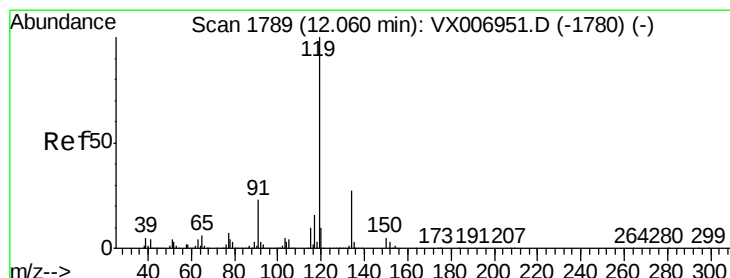
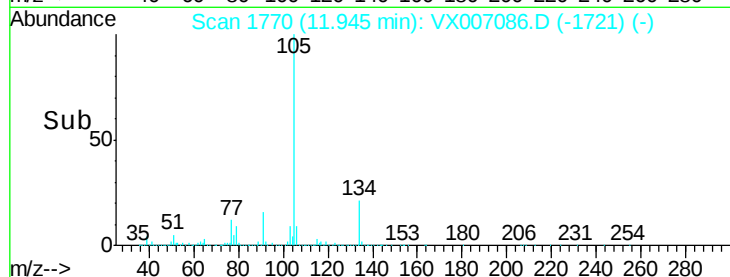
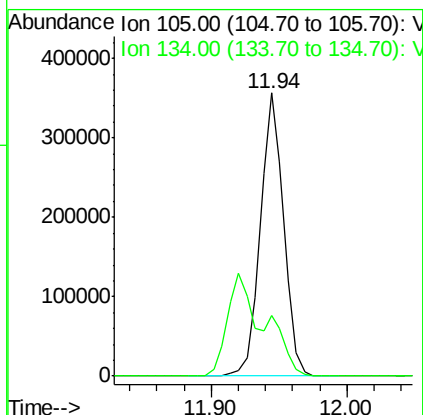
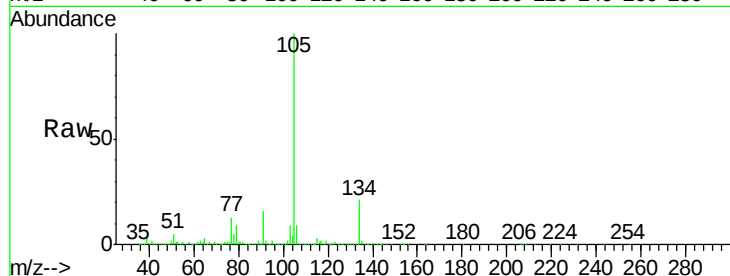




#85
 sec-Butylbenzene
 Concen: 14.205 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

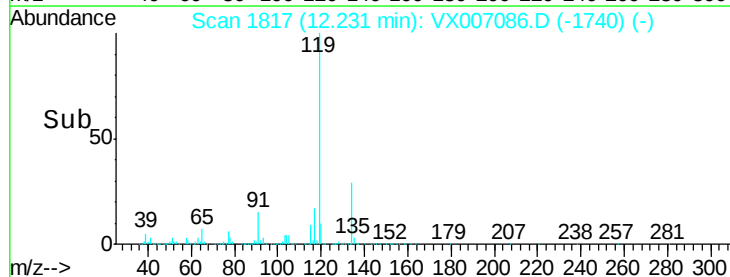
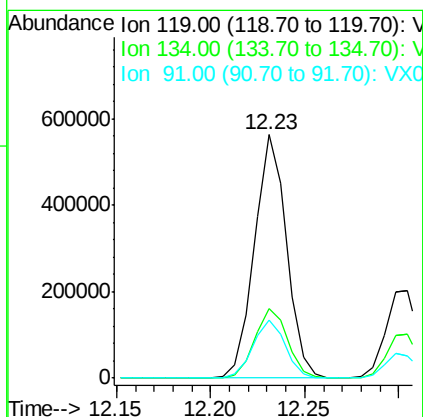
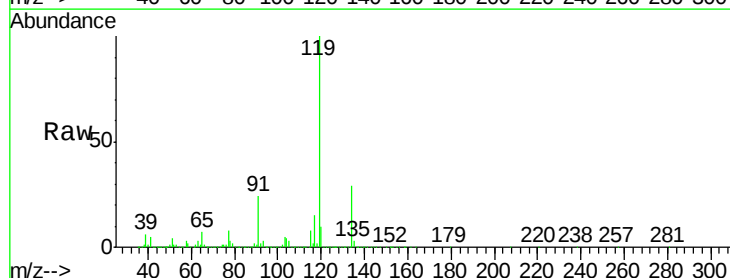
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

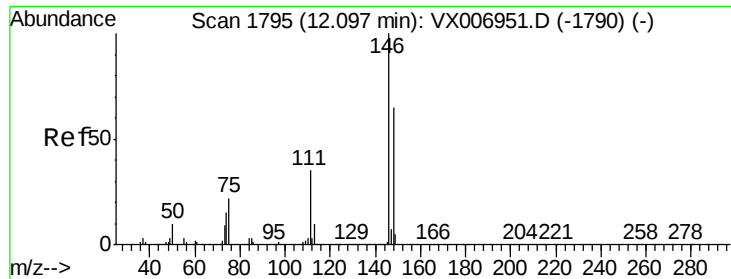
Tot Ion:105 Resp: 428333
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 24.651 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Tgt Ion:119 Resp: 664892
 Ion Ratio Lower Upper
 119 100
 134 29.1 14.0 41.9
 91 23.6 11.3 33.9





#88

1,4-Dichlorobenzene

Concen: 0.610 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

SS038RW150-190115

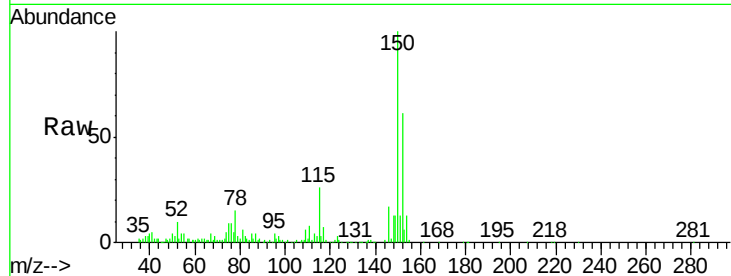
Tot Ion:146 Resp: 6666

Ion Ratio Lower Upper

146 100

111 124.3 18.1 54.1#

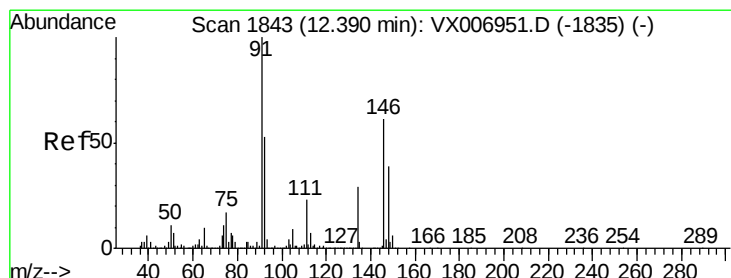
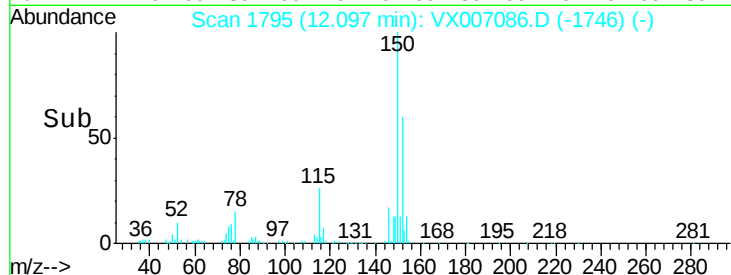
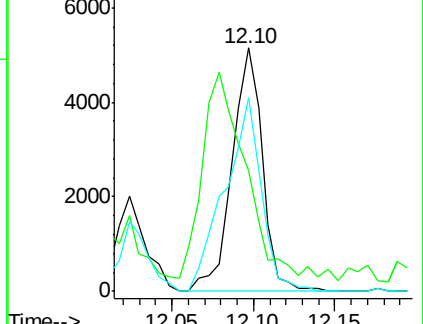
148 96.2 31.9 95.9#



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: 0.709 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

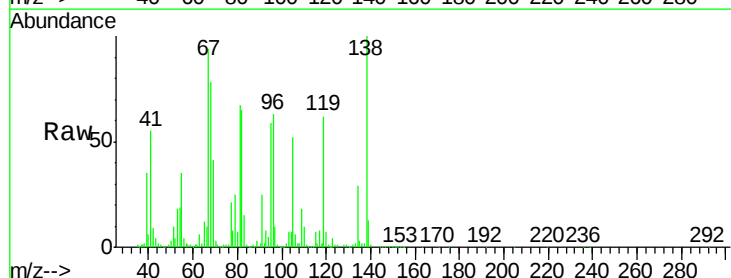
Tgt Ion: 91 Resp: 16300

Ion Ratio Lower Upper

91 100

92 6.0 26.8 80.4#

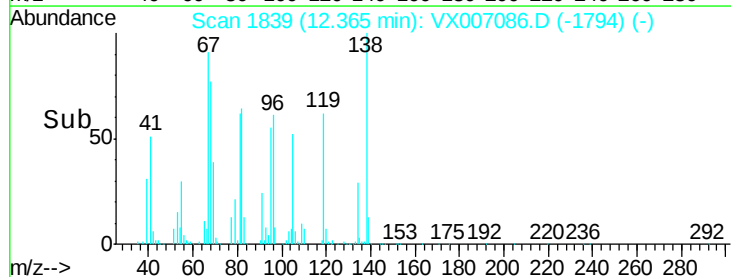
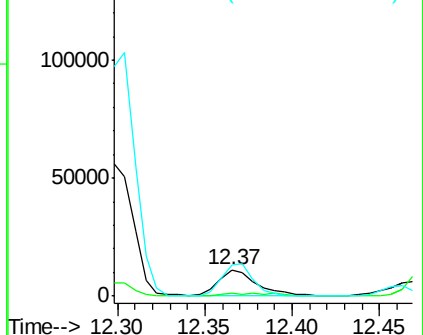
134 108.0 14.4 43.2#

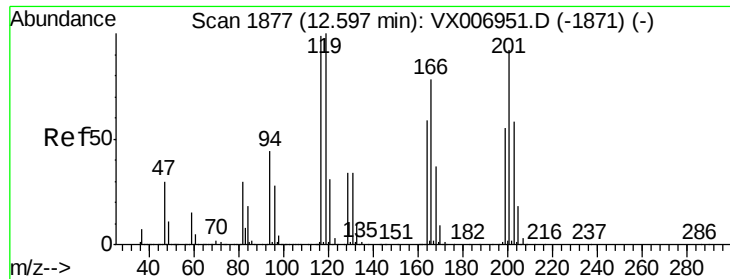


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 46.063 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

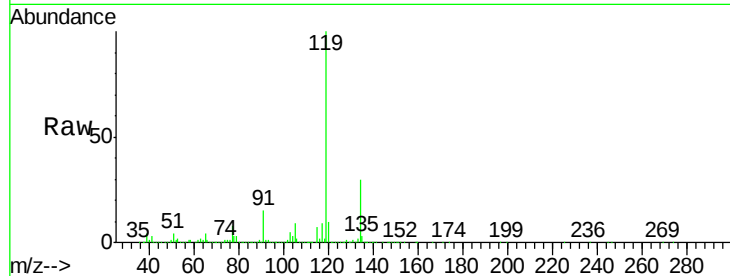
SS038RW150-190115

Tot Ion:117 Resp: 197296

Ion Ratio Lower Upper

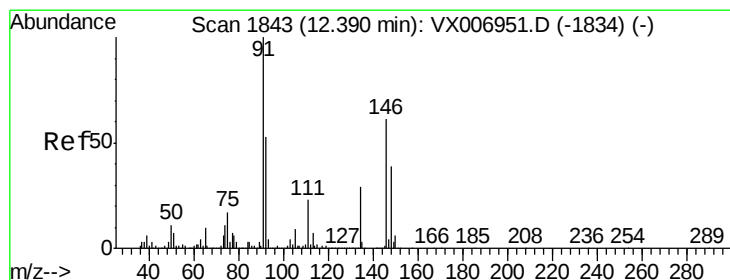
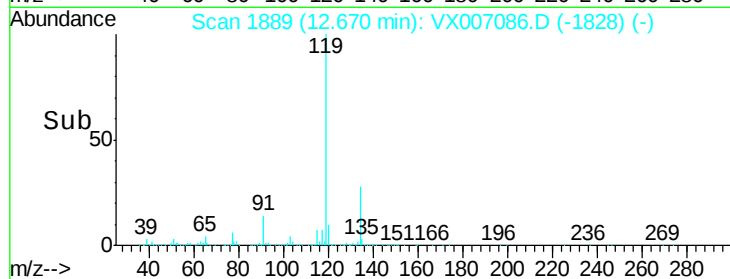
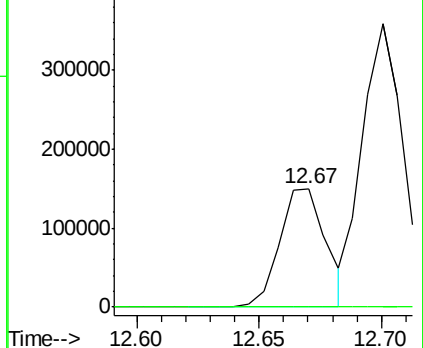
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.276 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007086.D

Acq: 17 Jan 2019 14:03

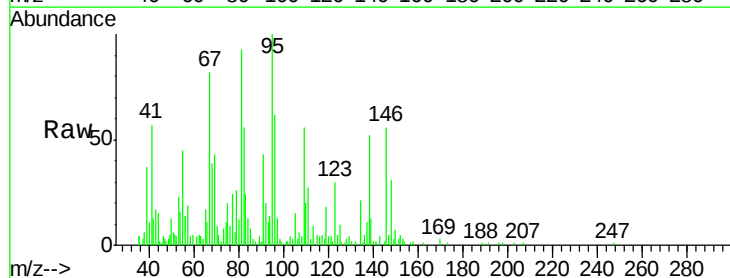
Tgt Ion:146 Resp: 4106

Ion Ratio Lower Upper

146 100

111 52.8 19.4 58.2

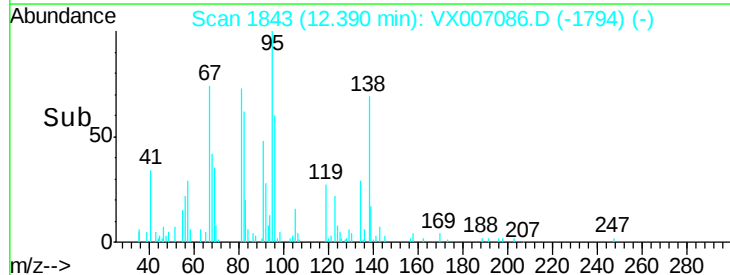
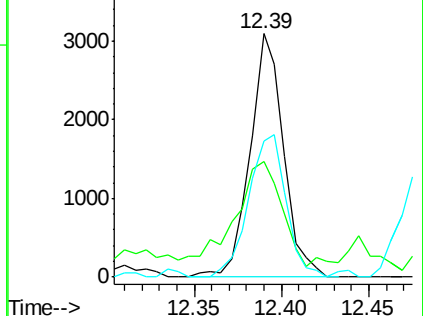
148 65.4 32.3 96.9

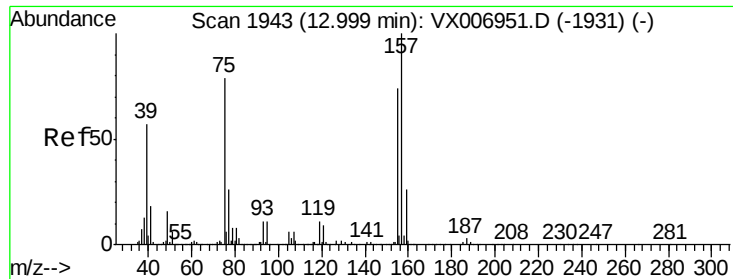


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

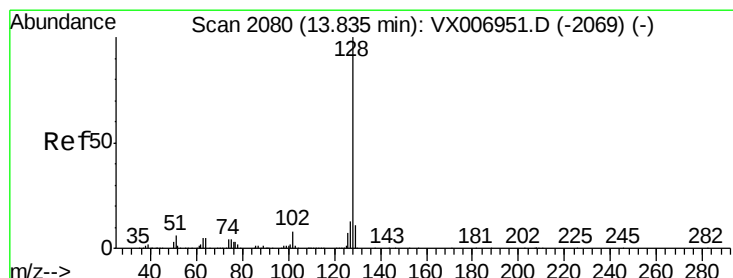
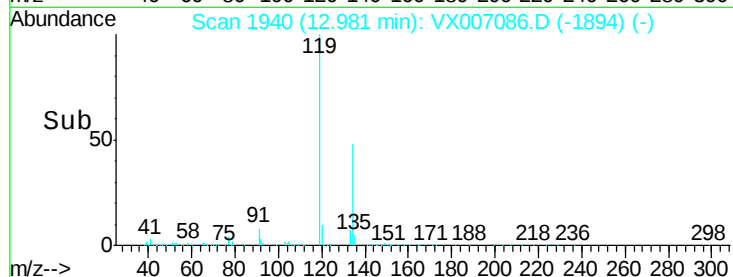
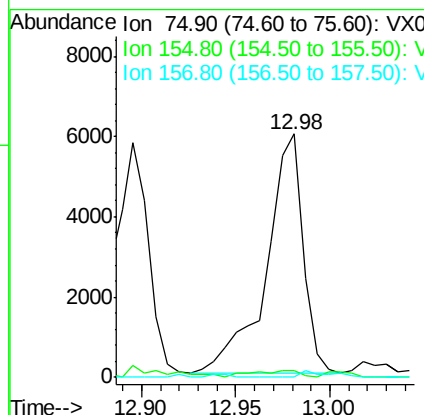
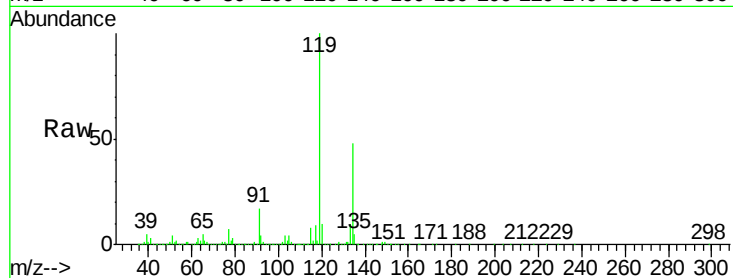




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.269 ug/l
 RT: 12.98 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115

Tot Ion: 75 Resp: 8118
 Ion Ratio Lower Upper
 75 100
 155 4.1 50.6 151.8#
 157 2.1 64.6 193.8#



#95
 Naphthalene
 Concen: 0.386 ug/l
 RT: 13.80 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: VX007086.D
 Acq: 17 Jan 2019 14:03

Tgt Ion: 128 Resp: 11941
 Ion Ratio Lower Upper
 128 100
 127 36.0 10.1 15.1#
 129 80.8 8.6 13.0#

