

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007201.D
 Acq On : 24 Jan 2019 14:09
 Operator : JC/SP
 Sample : K1227-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190122

Quant Time: Jan 25 00:02:40 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	537673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	831287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370032	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	294833	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
35) Dibromofluoromethane	5.50	113	263818	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	976971	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	343351	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	43142	7.803	ug/l	98
11) Tert butyl alcohol	3.03	59	4393	3.314	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	1504	0.304	ug/l	87
13) Acrolein	2.31	56	427	3.822	ug/l	97
16) Acetone	2.45	43	2655	0.956	ug/l #	74
18) Methyl Acetate	2.78	43	2234	0.278	ug/l #	74
20) Methylene Chloride	2.86	84	1034	Below Cal	#	71
21) trans-1,2-Dichloroethene	3.17	96	3313	0.602	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	688905	113.414	ug/l	93
36) 1,1-Dichloropropene	5.67	75	33552	4.642	ug/l #	50
38) Carbon Tetrachloride	5.67	117	47760	6.568	ug/l #	14
39) Methylcyclohexane	7.45	83	3179	0.345	ug/l #	38
40) Benzene	6.15	78	9113	0.413	ug/l	98
43) Isopropyl Acetate	6.35	43	17243	1.411	ug/l #	59
44) Trichloroethene	7.22	130	14425	2.183	ug/l	88
49) 1,4-Dioxane	7.71	88	197	Below Cal	#	27
60) Dibromochloromethane	9.34	129	19235	3.492	ug/l #	10
64) Tetrachloroethene	9.34	164	21888	3.361	ug/l	95
65) Chlorobenzene	10.14	112	1138185	69.373	ug/l	98
71) Bromoform	10.85	173	88	4.744	ug/l #	28
74) N-amyl acetate	10.95	43	2502	0.238	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	163466	21.800	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	163466	64.594	ug/l #	10
82) 4-Chlorotoluene	11.77	91	43039	2.156	ug/l #	42
83) tert-Butylbenzene	11.77	119	69155	3.179	ug/l	92
84) 1,2,4-Trimethylbenzene	11.94	105	23728	1.082	ug/l #	30
85) sec-Butylbenzene	11.94	105	23728	0.913	ug/l #	55
86) p-Isopropyltoluene	12.23	119	112535	4.843	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	5211	0.401	ug/l	89
88) 1,4-Dichlorobenzene	12.03	146	5211	0.567	ug/l	88
89) n-Butylbenzene	12.37	91	4344	0.219	ug/l #	1
90) Hexachloroethane	12.66	117	896	3.136	ug/l #	6

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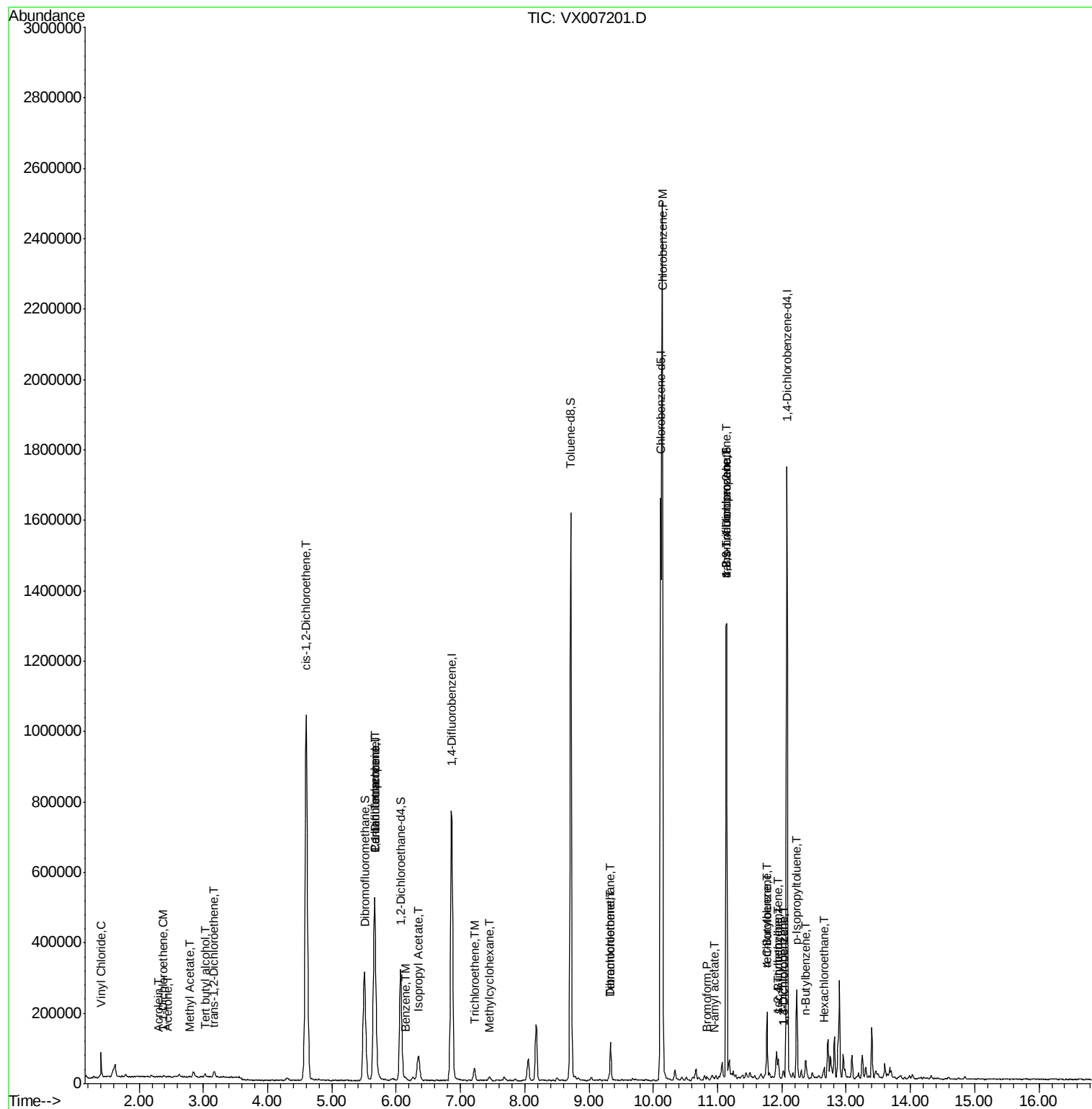
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

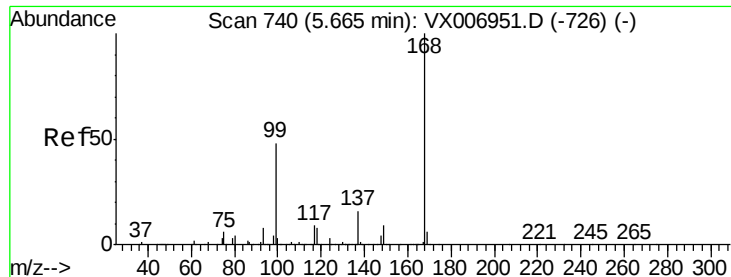
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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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: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

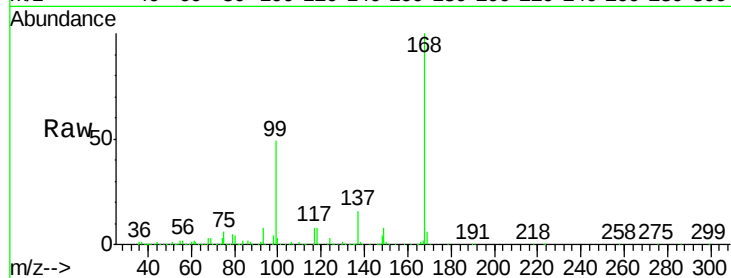
SS038RW151-190122

Tot Ion:168 Resp: 537673

Ion Ratio Lower Upper

168 100

99 48.5 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

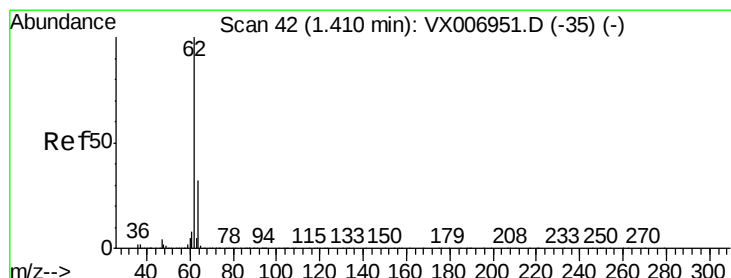
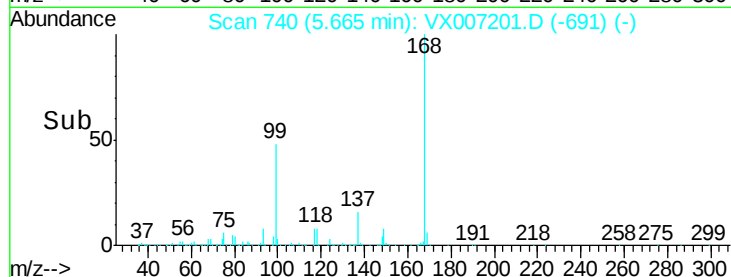
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 7.803 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007201.D

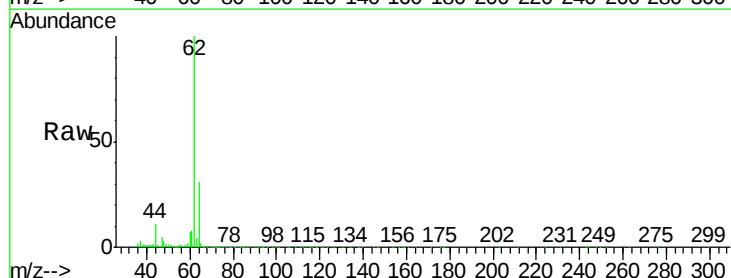
Acq: 24 Jan 2019 14:09

Tgt Ion: 62 Resp: 43142

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

50000

40000

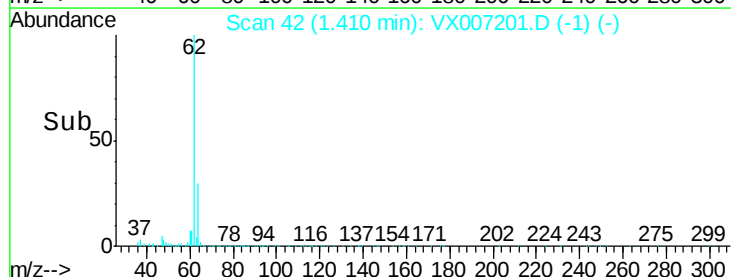
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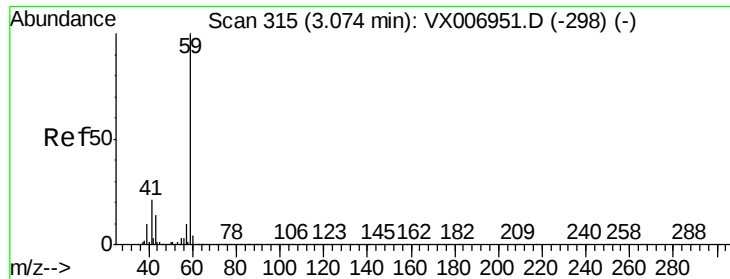
20000

10000

0

Time-->

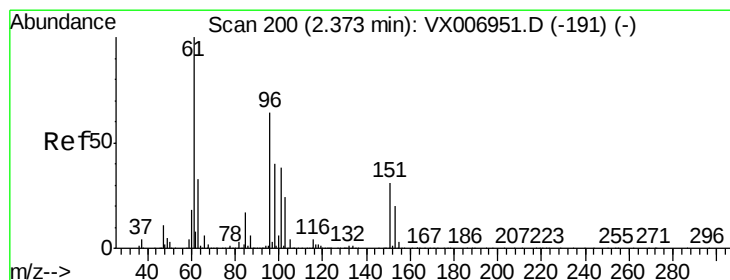
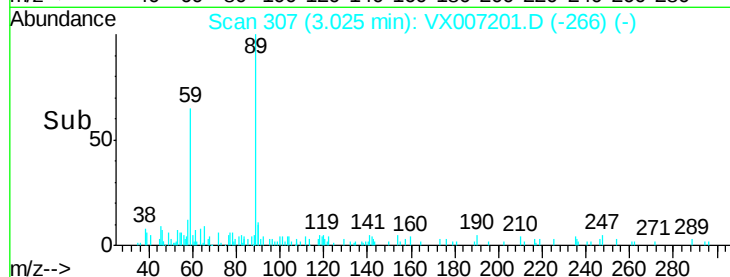
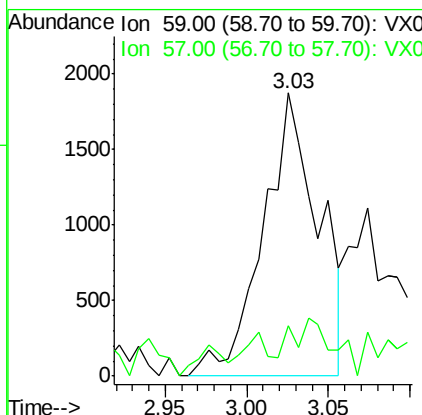
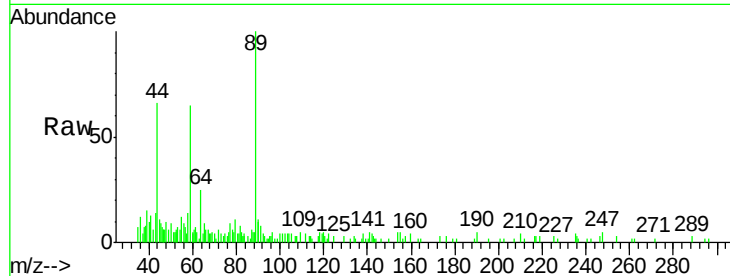




#11
Tert butyl alcohol
Concen: 3.314 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

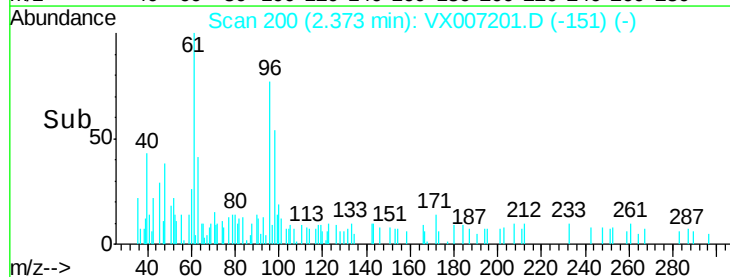
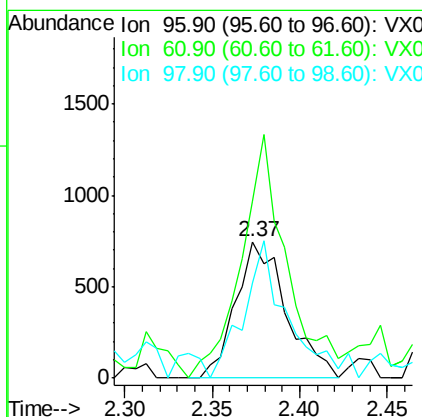
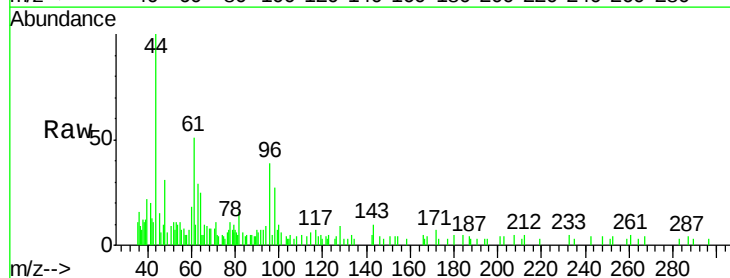
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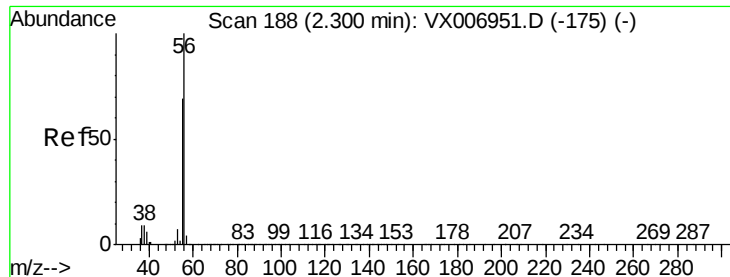
Tot Ion: 59 Resp: 4393
Ion Ratio Lower Upper
59 100
57 15.4 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 0.304 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion: 96 Resp: 1504
Ion Ratio Lower Upper
96 100
61 129.7 121.4 182.2
98 63.3 51.9 77.9





#13

Acrolein

Concen: 3.822 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

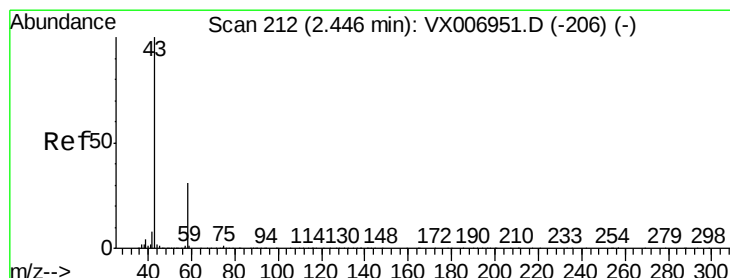
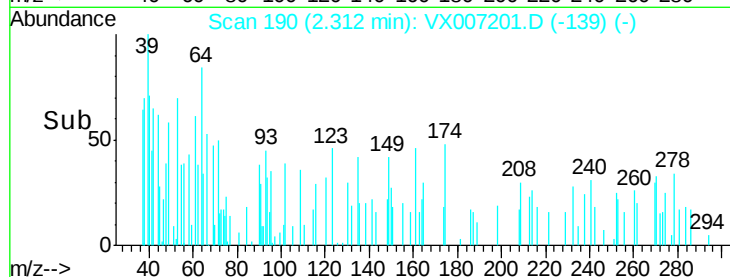
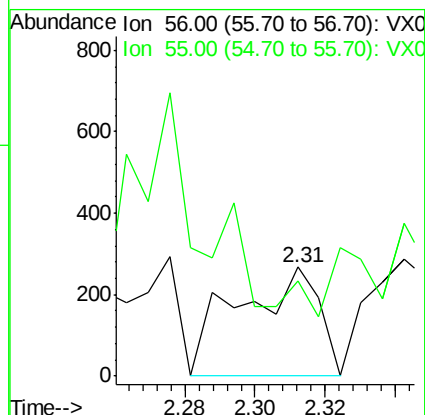
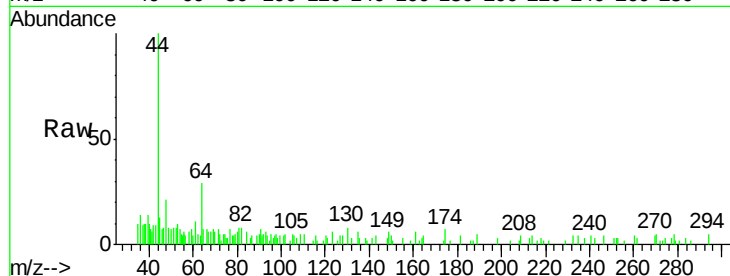
SS038RW151-190122

Tot Ion: 56 Resp: 427

Ion Ratio Lower Upper

56 100

55 74.9 58.2 87.4



#16

Acetone

Concen: 0.956 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007201.D

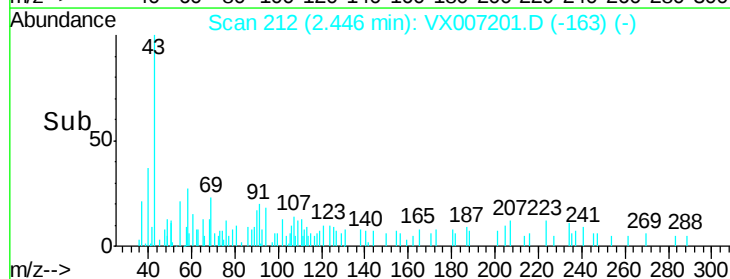
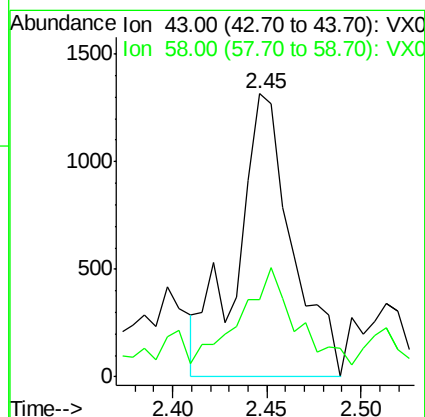
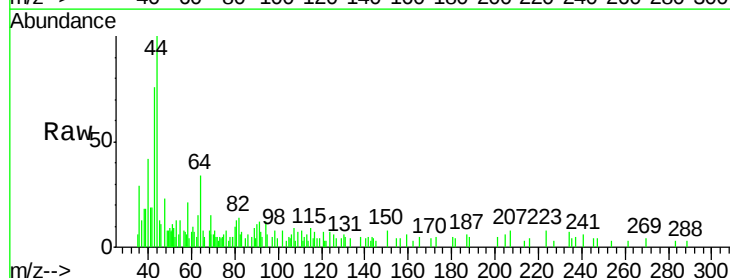
Acq: 24 Jan 2019 14:09

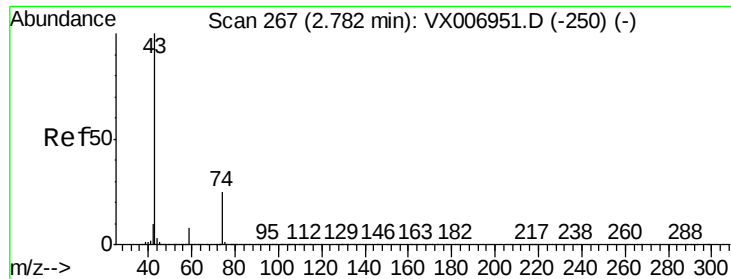
Tgt Ion: 43 Resp: 2655

Ion Ratio Lower Upper

43 100

58 17.0 25.0 37.6#

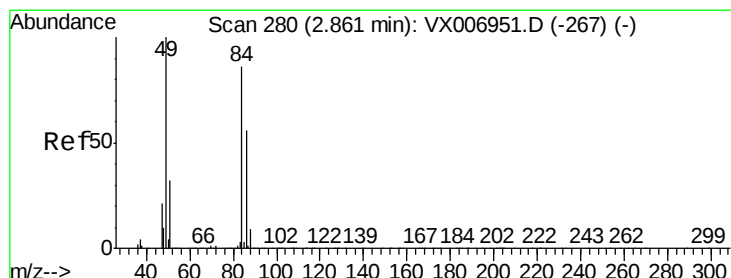
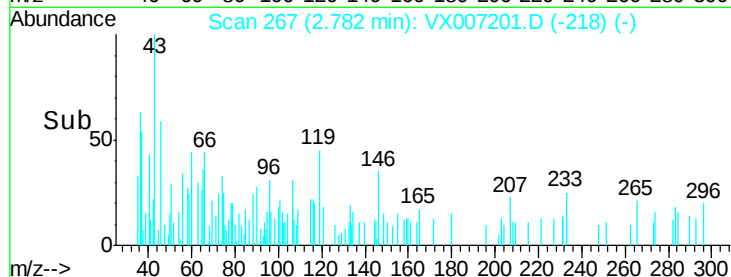
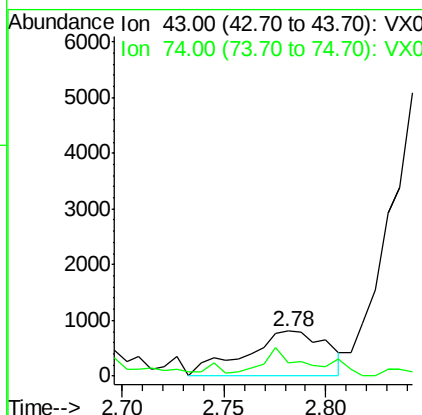
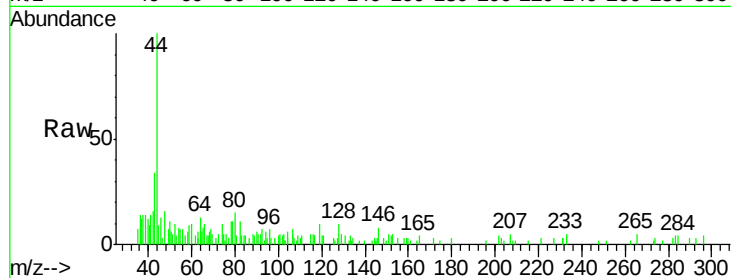




#18
Methyl Acetate
Concen: 0.278 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

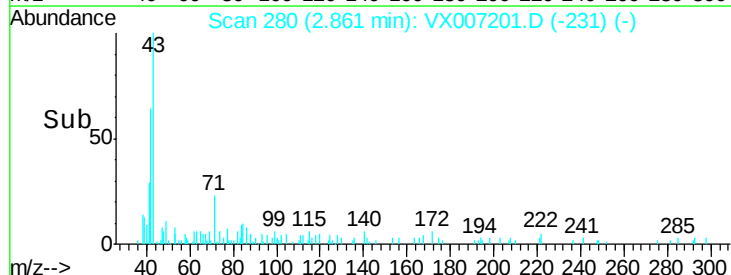
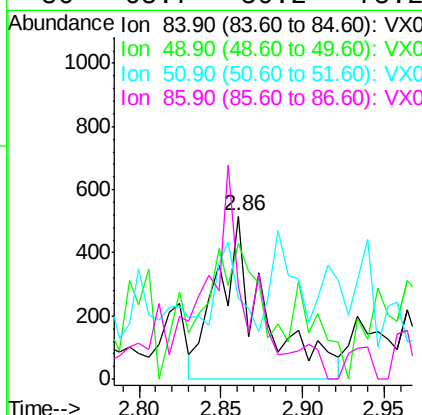
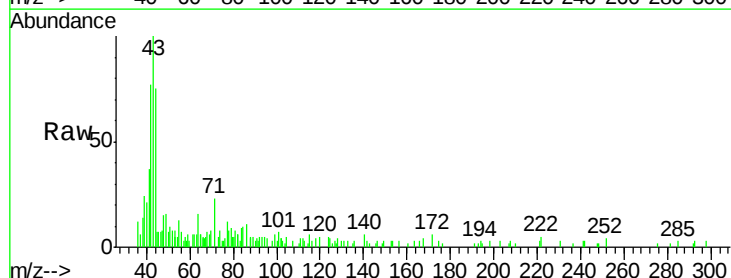
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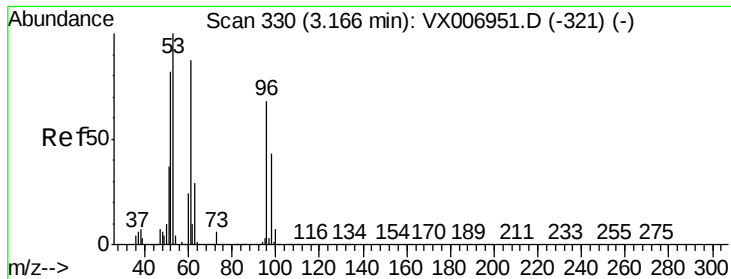
Tot Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
74 35.8 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion: 84 Resp: 1034
Ion Ratio Lower Upper
84 100
49 70.4 91.8 137.6#
51 14.1 28.5 42.7#
86 65.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 0.602 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

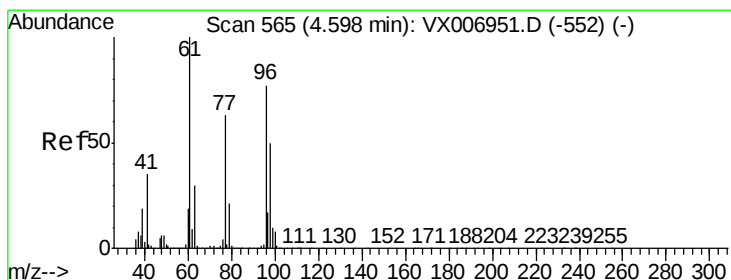
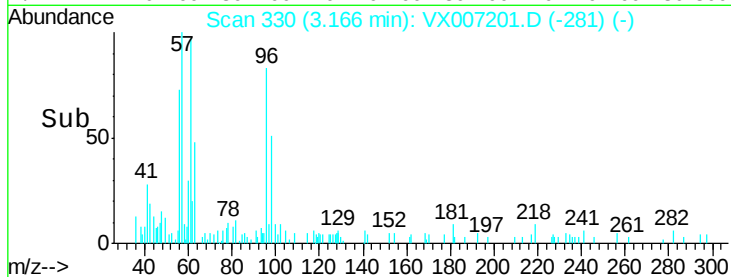
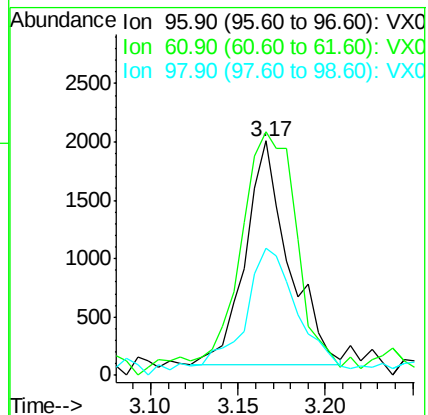
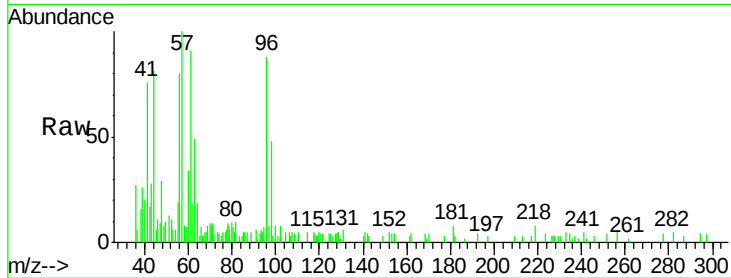
Tot Ion: 96 Resp: 3313

Ion Ratio Lower Upper

96 100

61 105.2 103.7 155.5

98 53.1 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 113.414 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

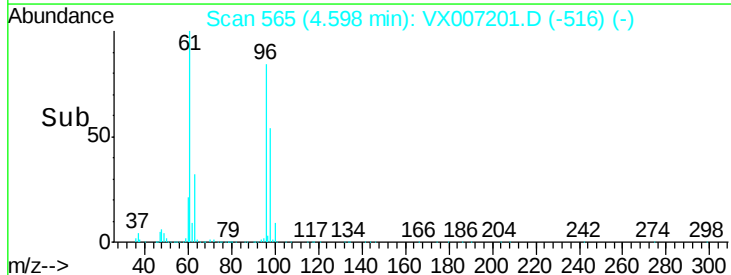
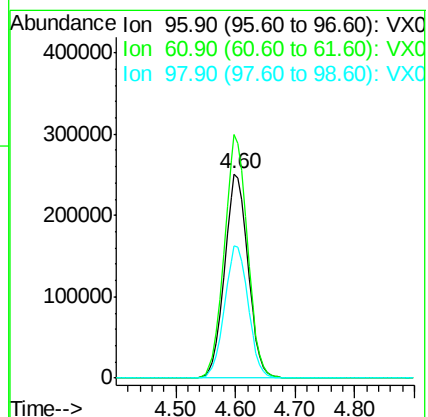
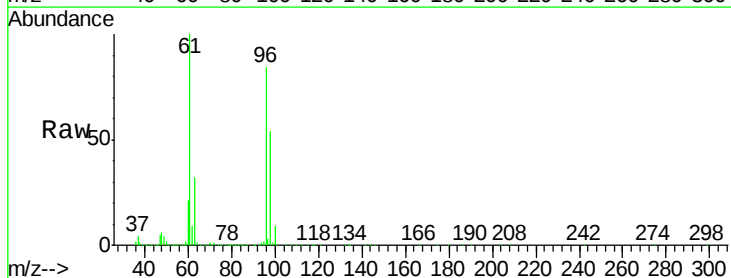
Tgt Ion: 96 Resp: 688905

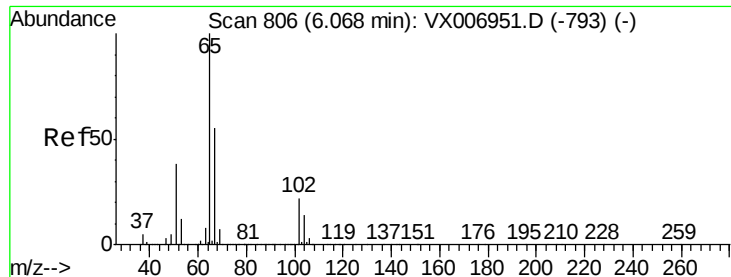
Ion Ratio Lower Upper

96 100

61 117.3 0.0 258.6

98 65.2 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 52.469 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

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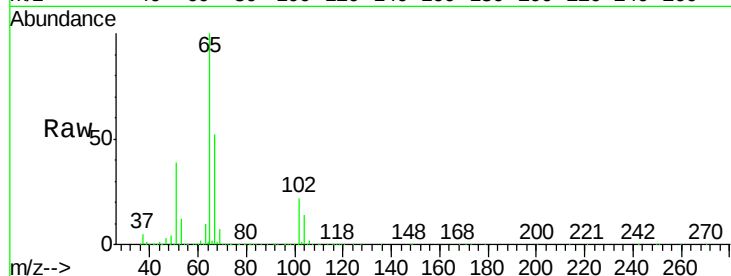
SS038RW151-190122

Tot Ion: 65 Resp: 294833

Ion Ratio Lower Upper

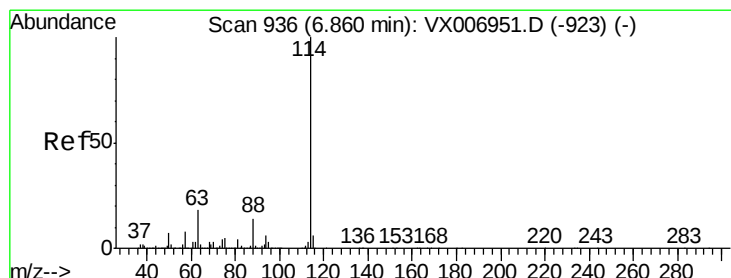
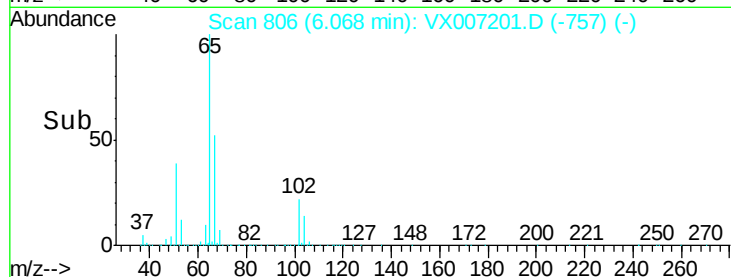
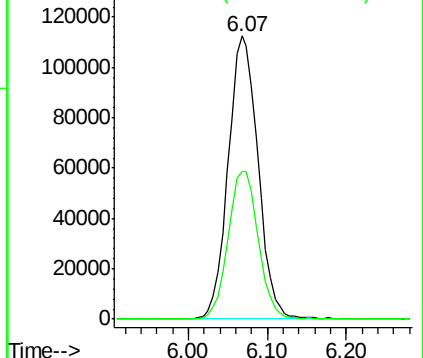
65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

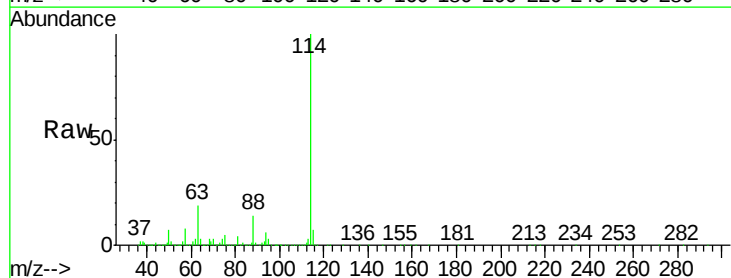
Tgt Ion: 114 Resp: 831287

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

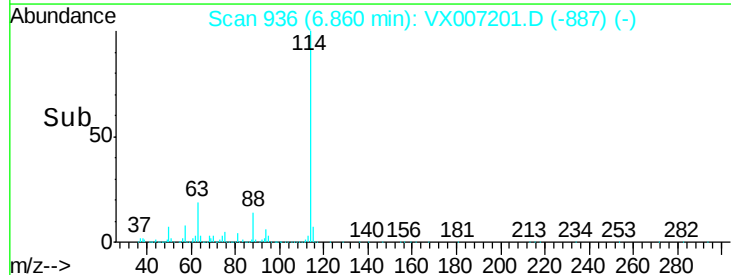
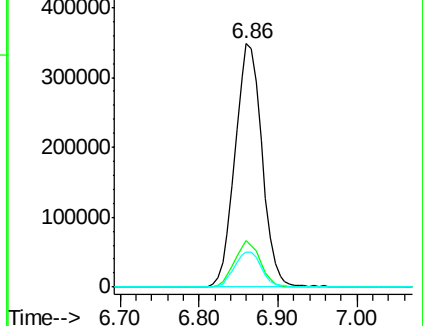
88 14.4 0.0 28.8

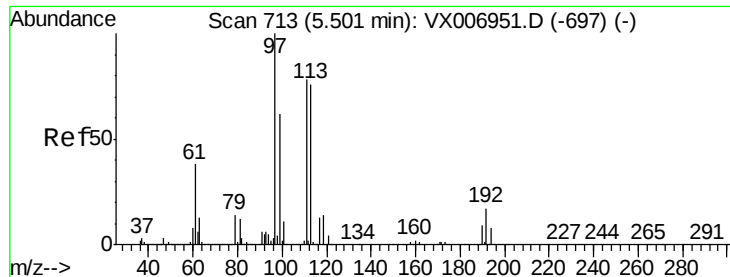


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.557 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007201.D

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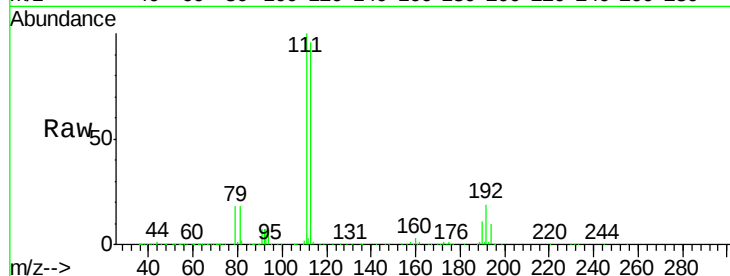
Tot Ion:113 Resp: 263818

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

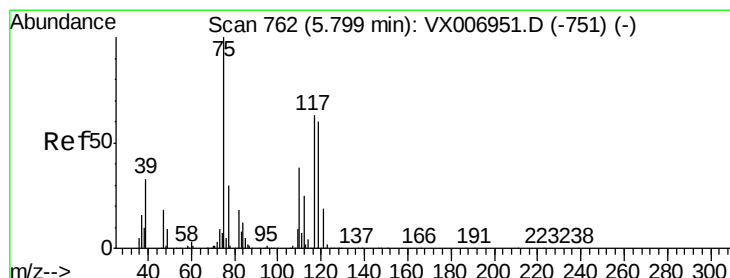
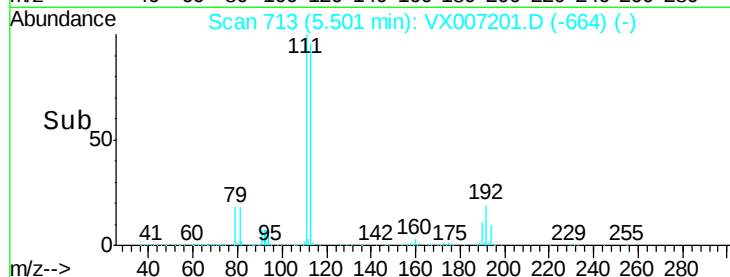
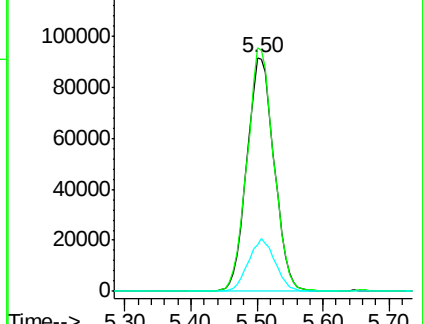
192 22.1 16.7 25.1



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: 4.642 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

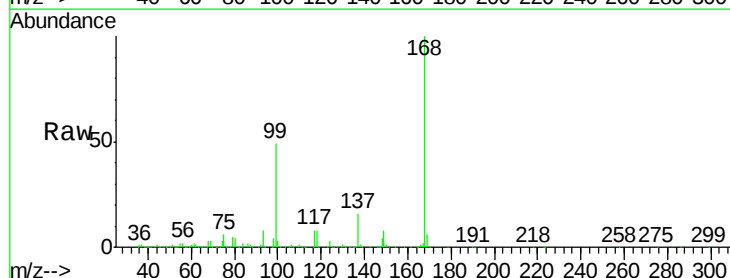
Tgt Ion: 75 Resp: 33552

Ion Ratio Lower Upper

75 100

110 11.6 20.2 60.5#

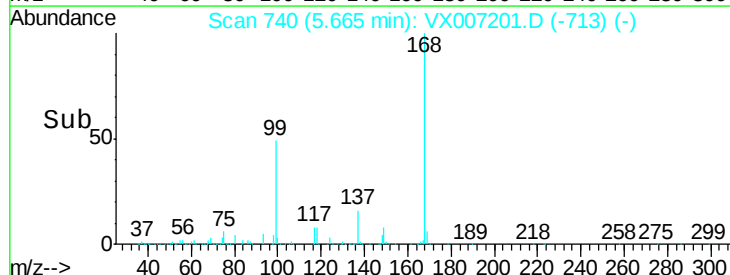
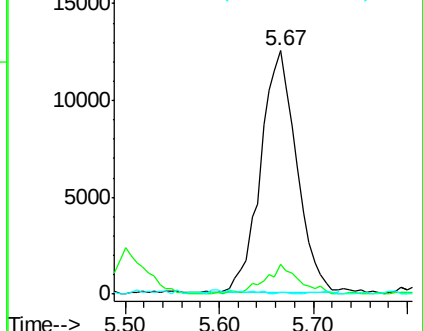
77 0.2 24.8 37.2#

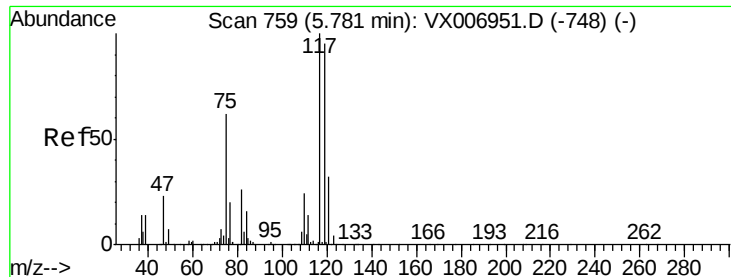


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.568 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

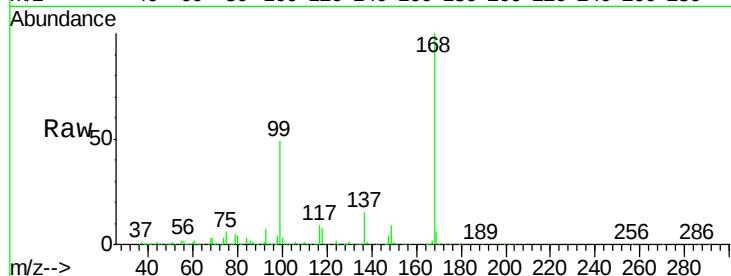
Tot Ion:117 Resp: 47760

Ion Ratio Lower Upper

117 100

119 3.9 79.4 119.2#

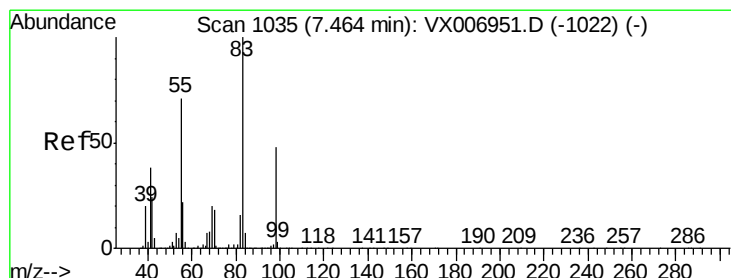
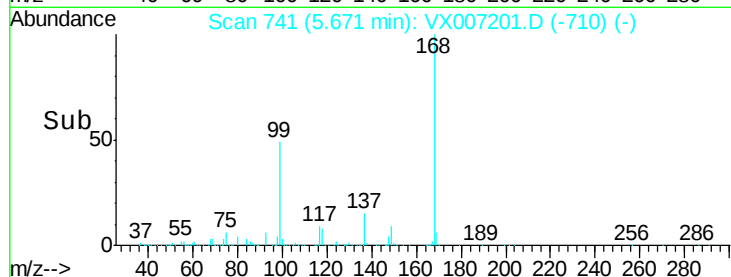
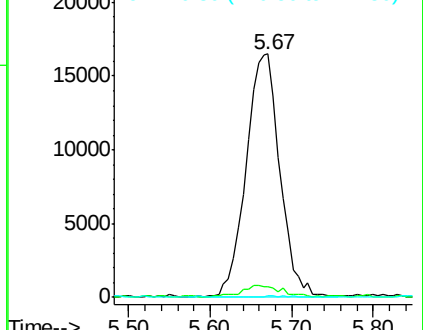
121 0.7 24.0 36.0#



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: 0.345 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

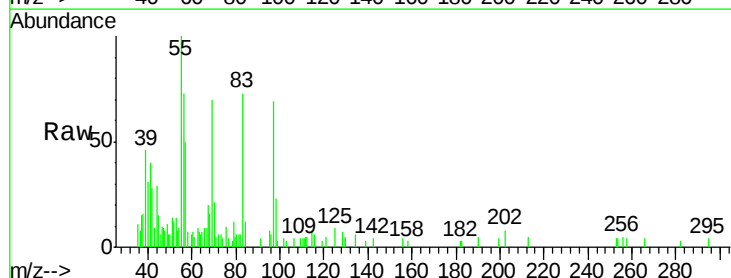
Tgt Ion: 83 Resp: 3179

Ion Ratio Lower Upper

83 100

55 136.3 54.9 82.3#

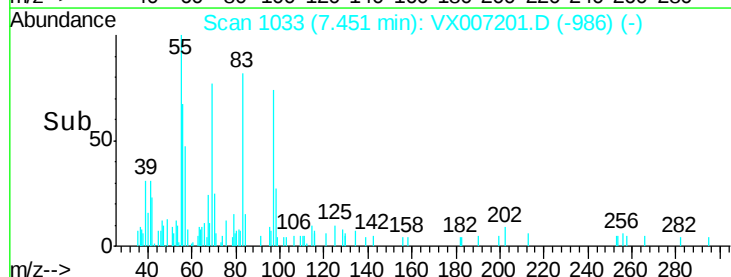
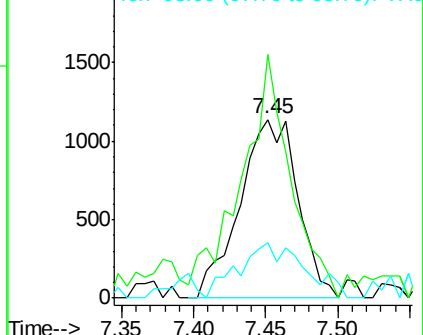
98 26.7 37.9 56.9#

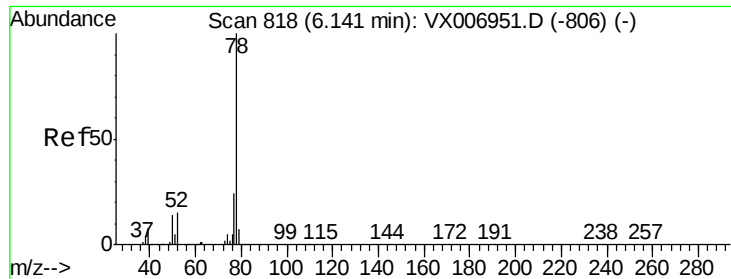


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.413 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

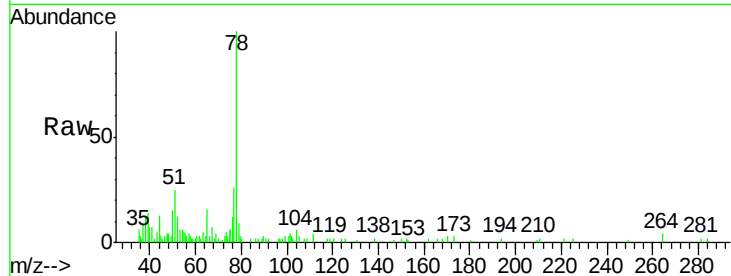
SS038RW151-190122

Tot Ion: 78 Resp: 9113

Ion Ratio Lower Upper

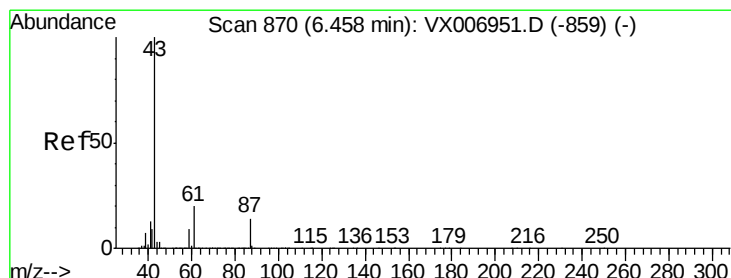
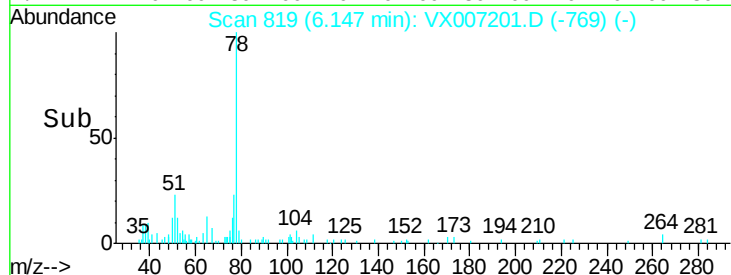
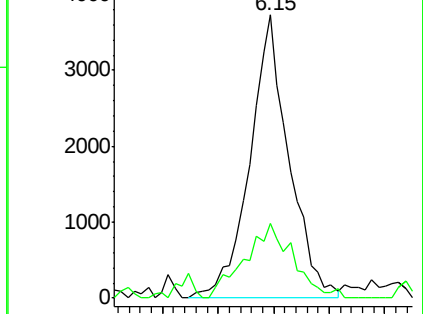
78 100

77 23.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.411 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.11 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

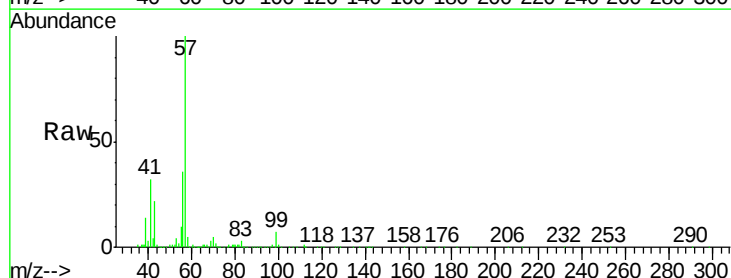
Tgt Ion: 43 Resp: 17243

Ion Ratio Lower Upper

43 100

61 0.2 16.8 25.2#

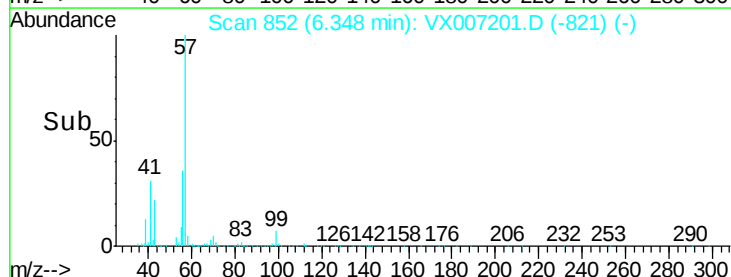
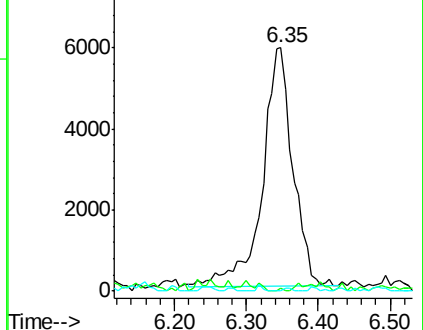
87 0.3 12.4 18.6#

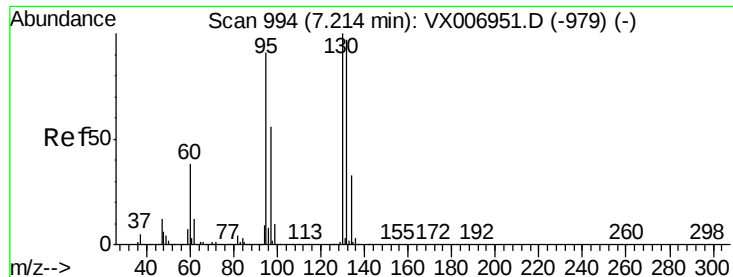


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 2.183 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

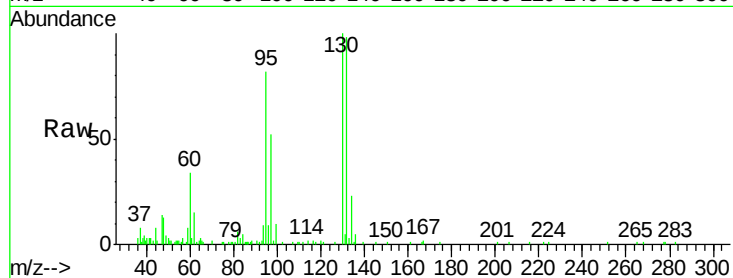
SS038RW151-190122

Tot Ion:130 Resp: 14425

Ion Ratio Lower Upper

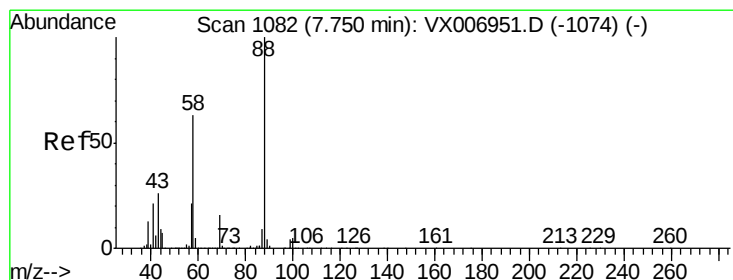
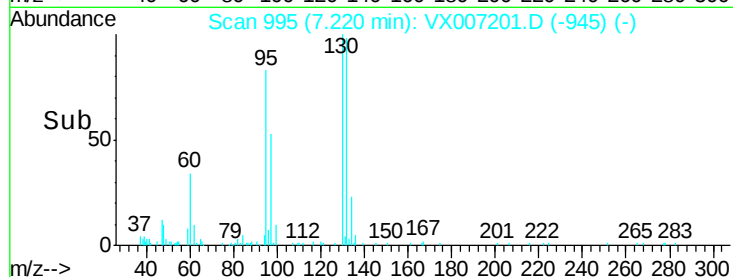
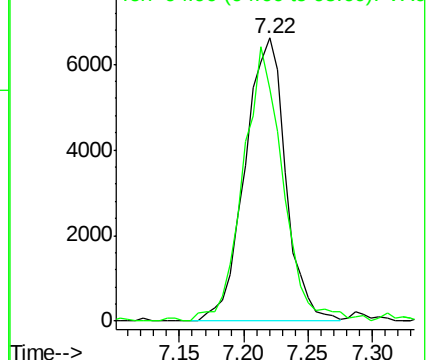
130 100

95 82.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.71 min Scan# 1075

Delta R.T. -0.04 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

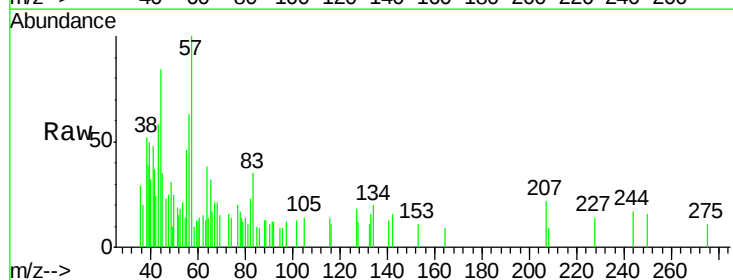
Tgt Ion: 88 Resp: 197

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

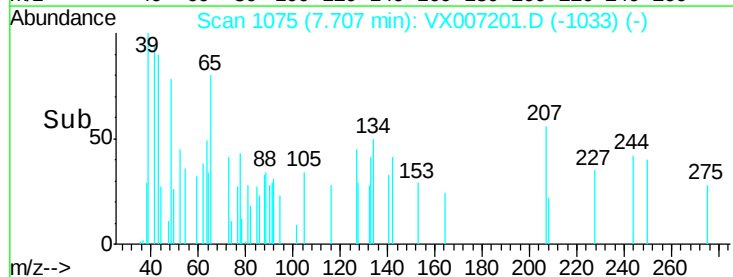
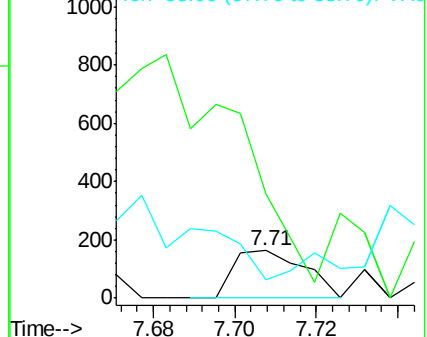
58 0.0 51.0 76.4#

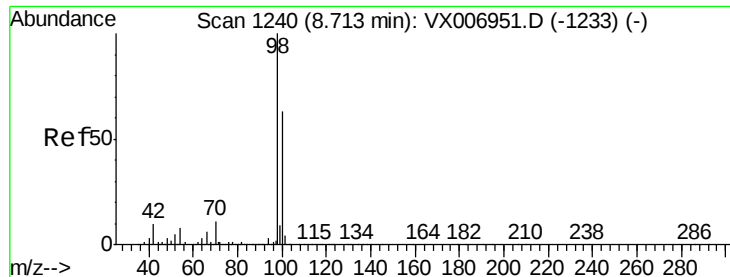


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.138 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

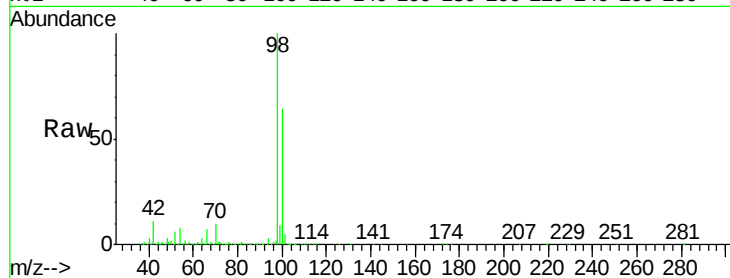
SS038RW151-190122

Tot Ion: 98 Resp: 976971

Ion Ratio Lower Upper

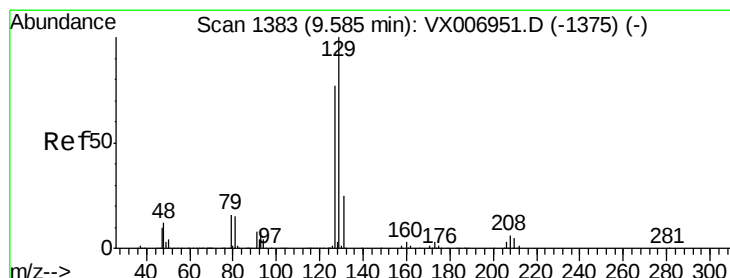
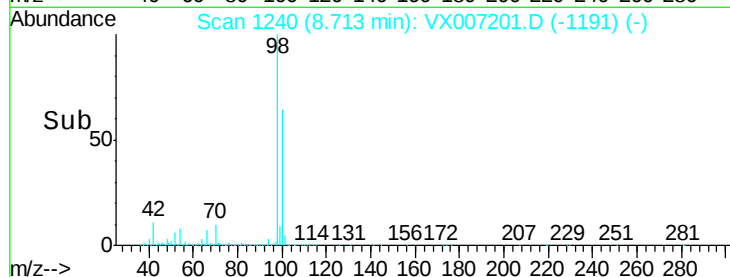
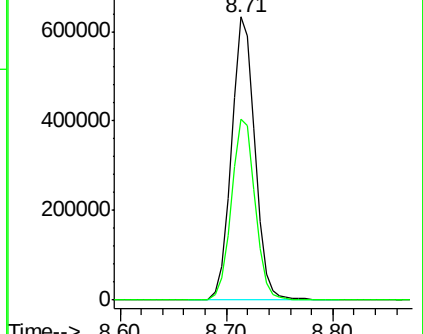
98 100

100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#60

Dibromochloromethane

Concen: 3.492 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX007201.D

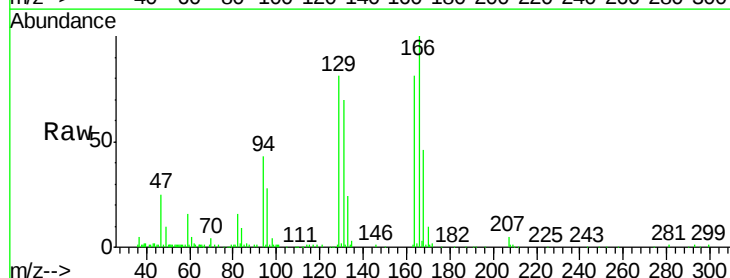
Acq: 24 Jan 2019 14:09

Tgt Ion: 129 Resp: 19235

Ion Ratio Lower Upper

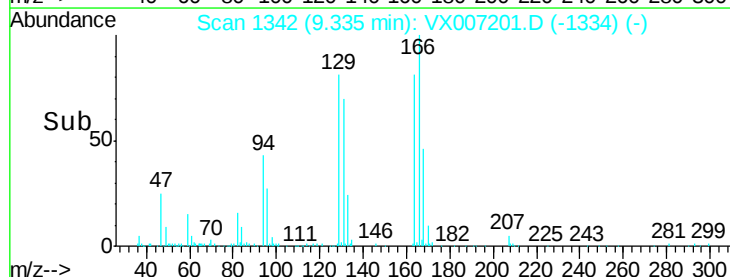
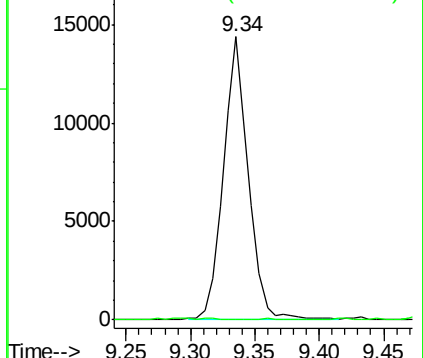
129 100

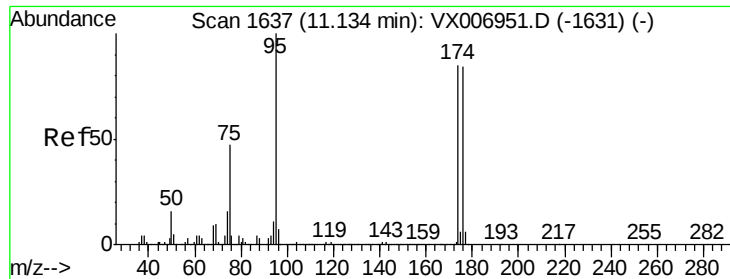
127 0.0 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 50.543 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

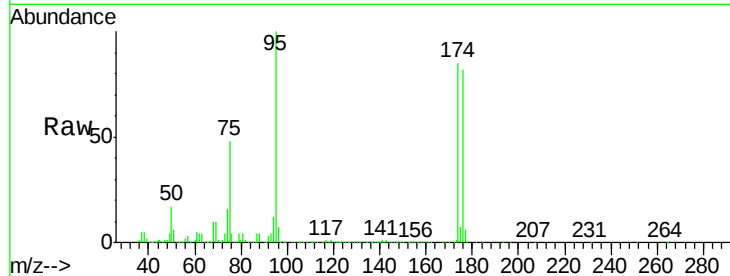
Tot Ion: 95 Resp: 343351

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

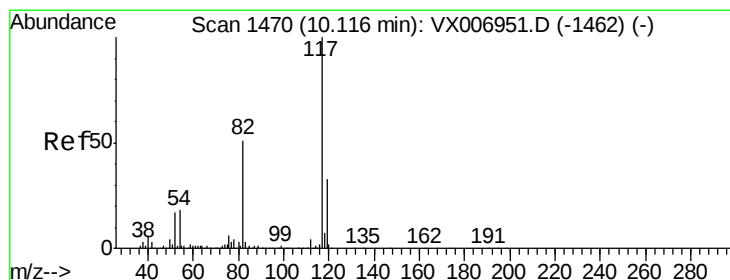
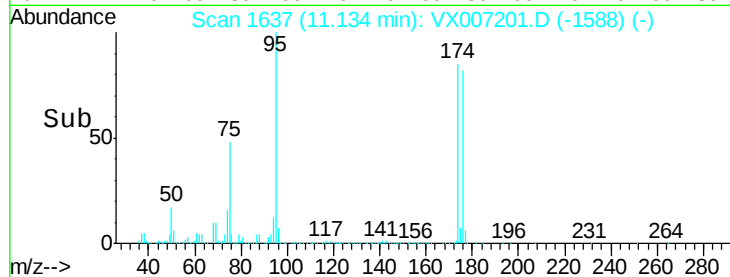
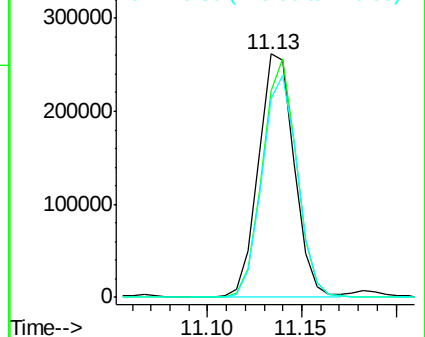
176 90.3 0.0 178.8



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: VX007201.D

Acq: 24 Jan 2019 14:09

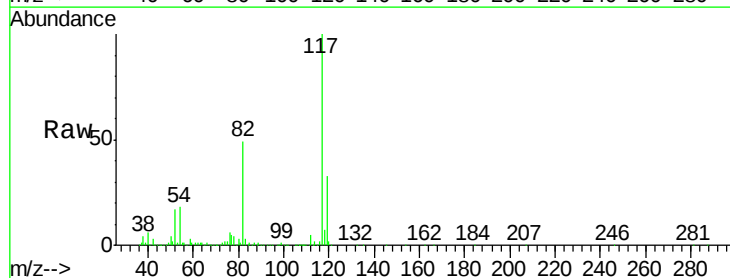
Tgt Ion: 117 Resp: 752244

Ion Ratio Lower Upper

117 100

82 49.4 41.0 61.6

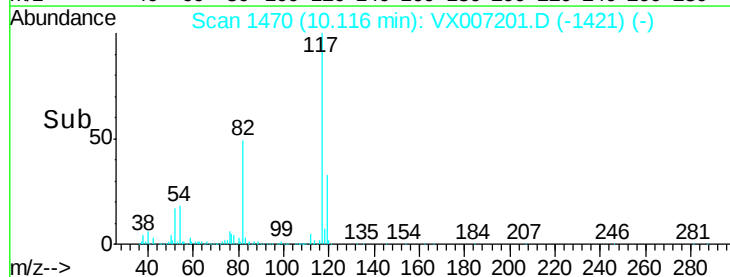
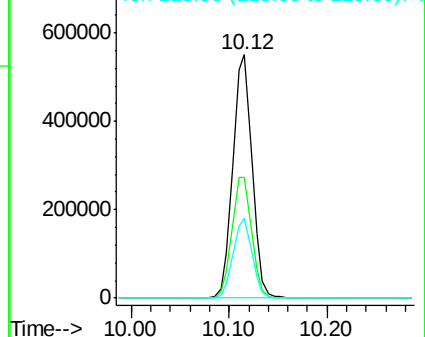
119 32.7 25.4 38.0

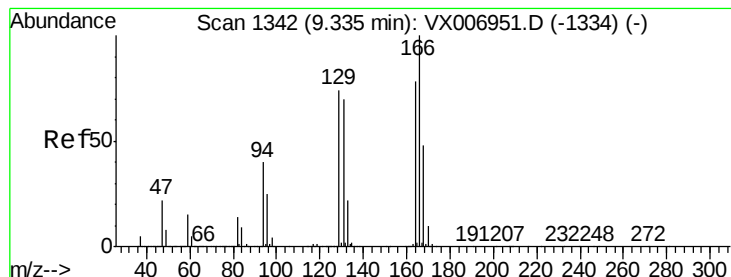


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.361 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion:164 Resp: 21888

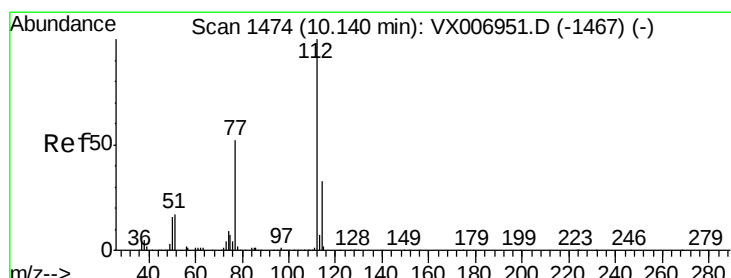
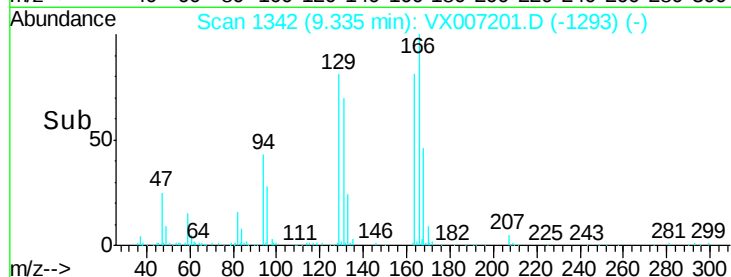
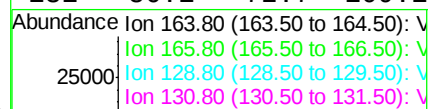
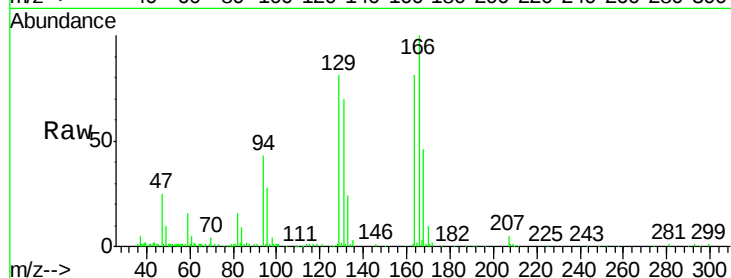
Ion Ratio Lower Upper

164 100

166 123.9 102.5 153.7

129 100.1 75.1 112.7

131 86.1 72.7 109.1



#65

Chlorobenzene

Concen: 69.373 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007201.D

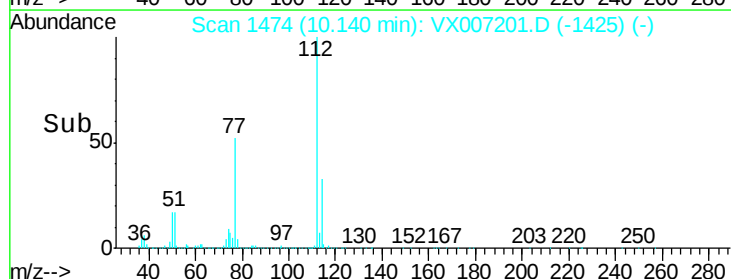
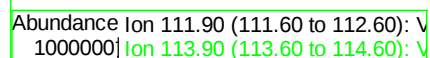
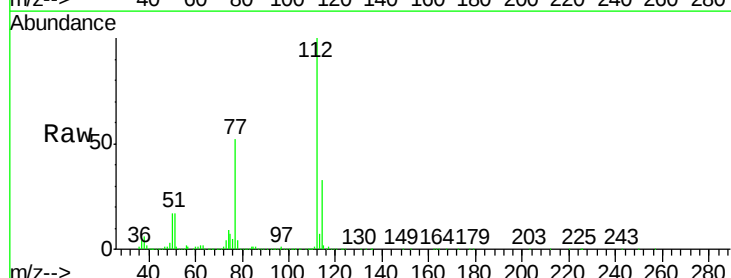
Acq: 24 Jan 2019 14:09

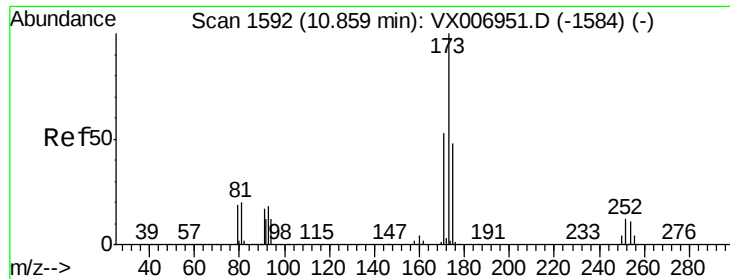
Tgt Ion:112 Resp: 1138185

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5





#71

Bromoform

Concen: 4.744 ug/l

RT: 10.85 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

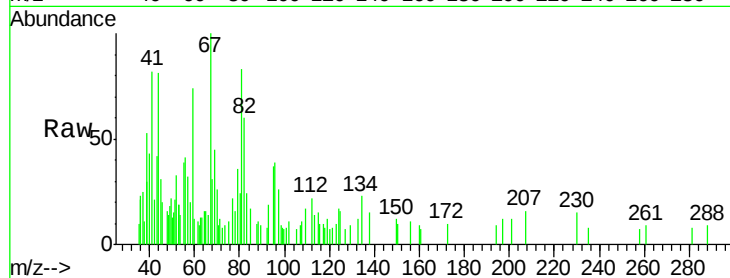
Tot Ion:173 Resp: 88

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

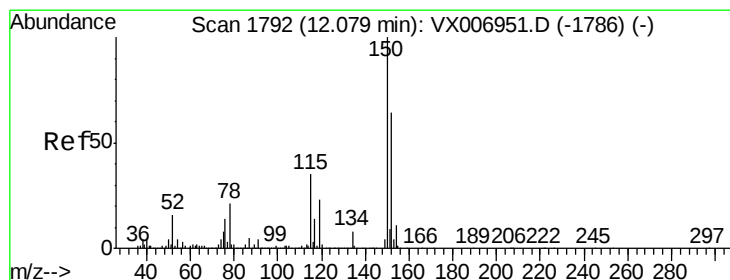
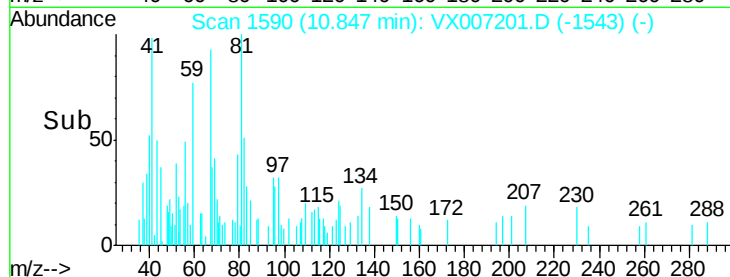
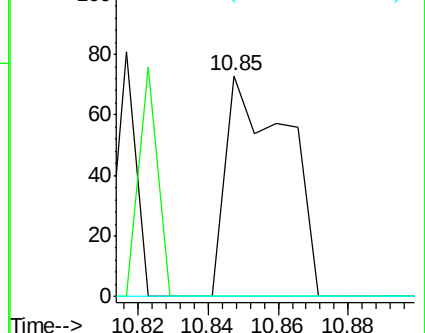
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX007201.D

Acq: 24 Jan 2019 14:09

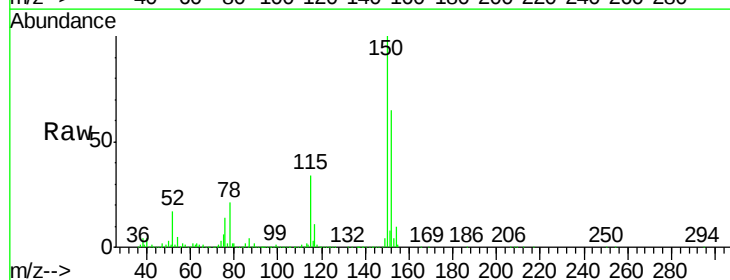
Tgt Ion:152 Resp: 370032

Ion Ratio Lower Upper

152 100

115 54.1 39.1 117.2

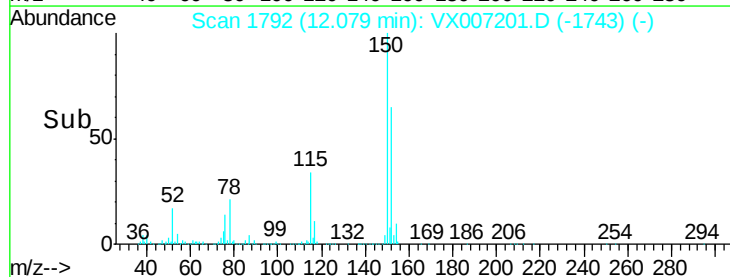
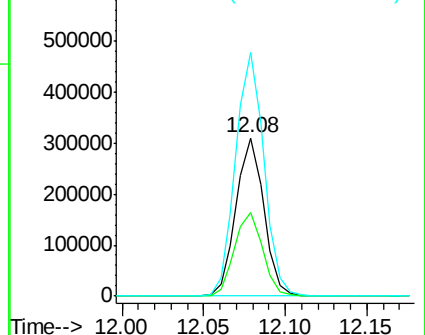
150 156.7 0.0 344.8

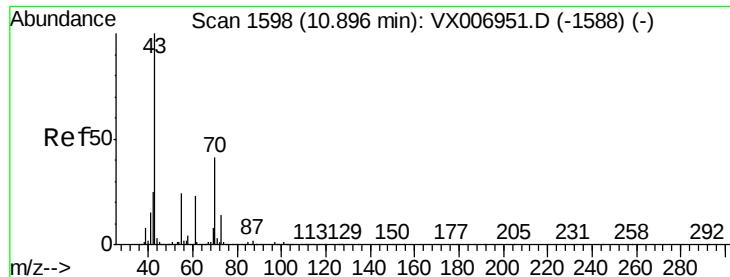


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.238 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

Tot Ion: 43 Resp: 2502

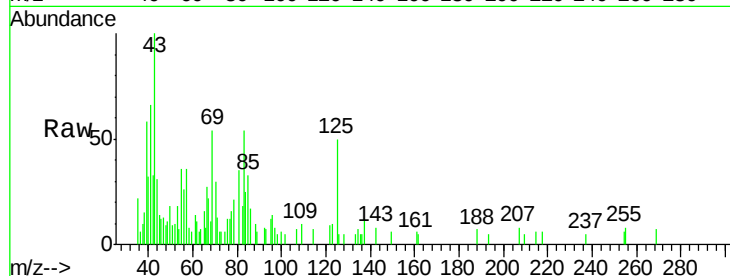
Ion Ratio Lower Upper

43 100

70 0.0 35.8 53.8#

55 0.0 19.4 29.0#

61 0.0 20.1 30.1#

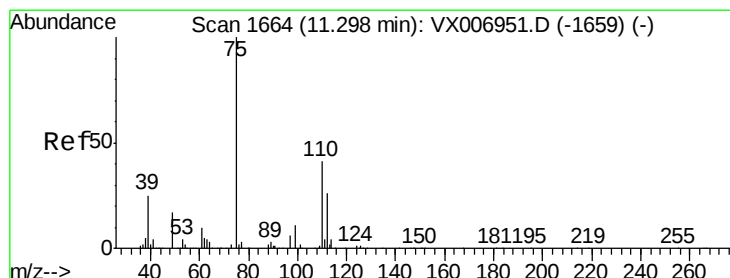
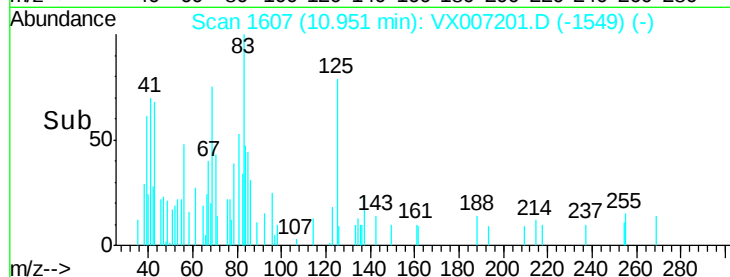
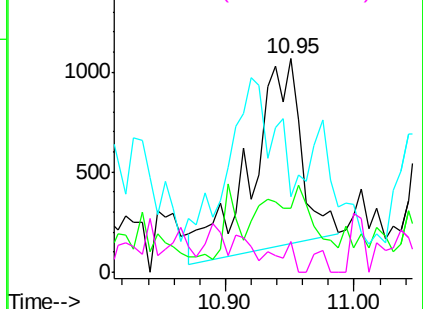


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.800 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007201.D

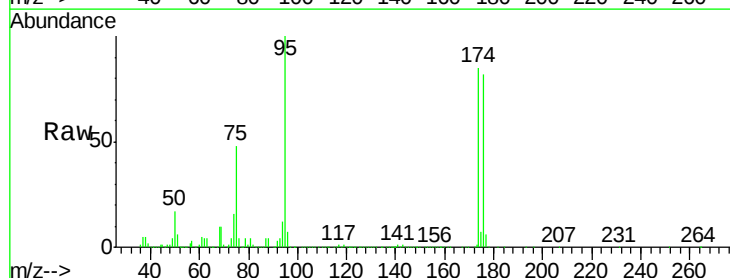
Acq: 24 Jan 2019 14:09

Tgt Ion: 75 Resp: 163466

Ion Ratio Lower Upper

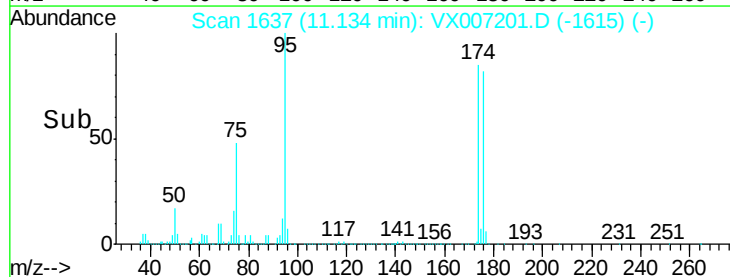
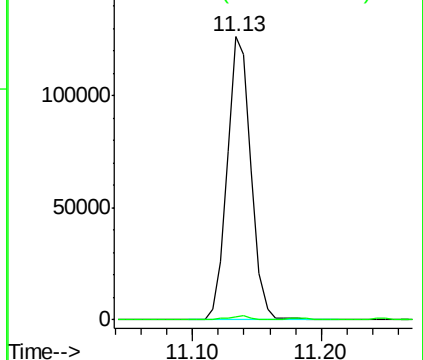
75 100

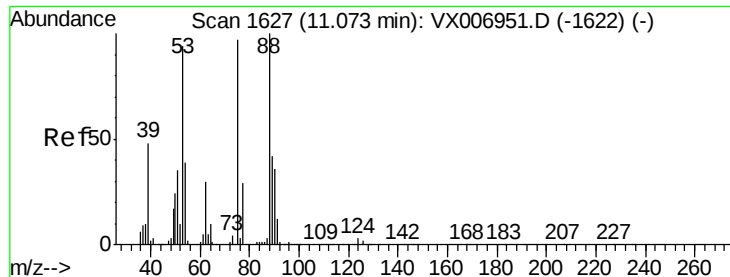
77 1.4 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

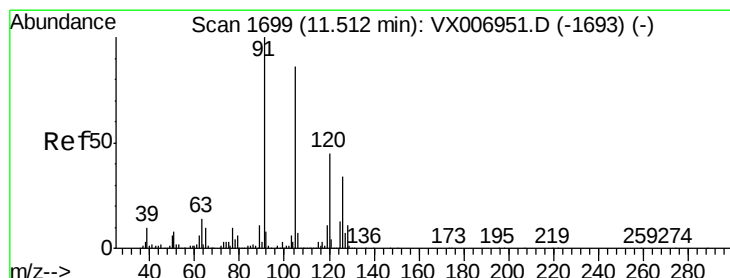
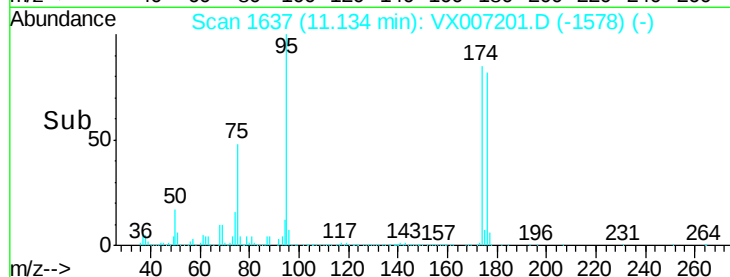
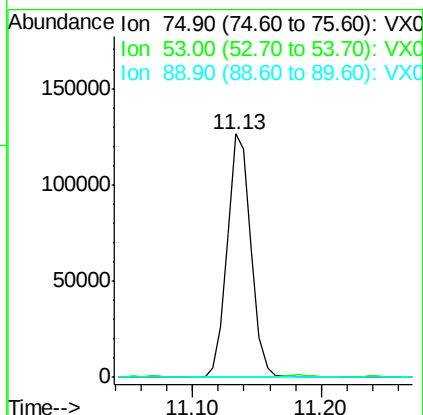
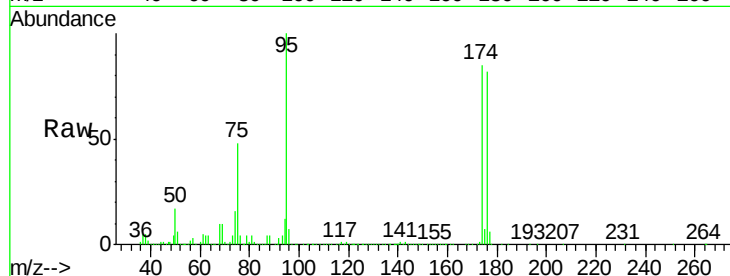
Tot Ion: 75 Resp: 163466

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.1 38.0 57.0#



#82

4-Chlorotoluene

Concen: 2.156 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.26 min

Lab File: VX007201.D

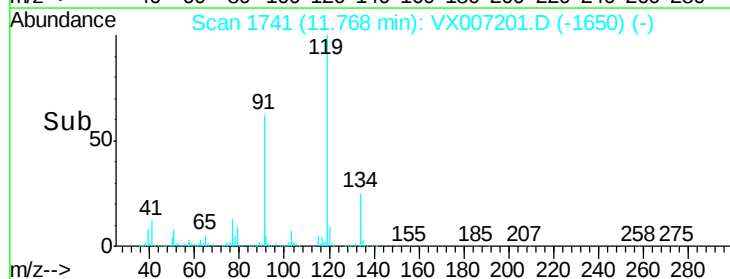
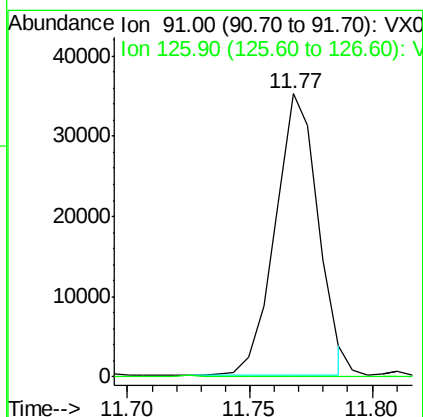
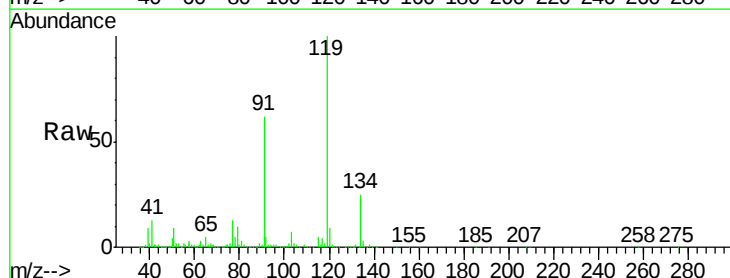
Acq: 24 Jan 2019 14:09

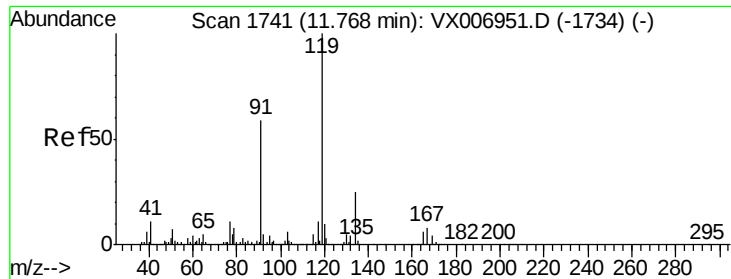
Tgt Ion: 91 Resp: 43039

Ion Ratio Lower Upper

91 100

126 0.1 16.3 48.9#

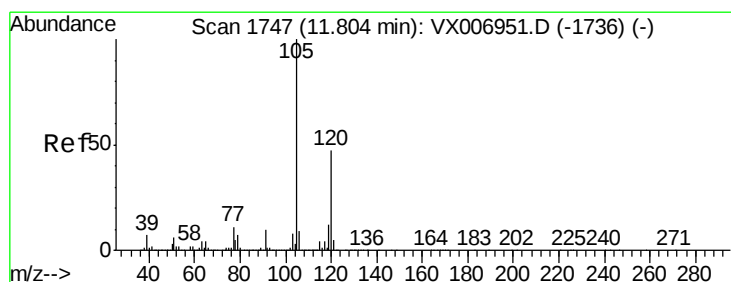
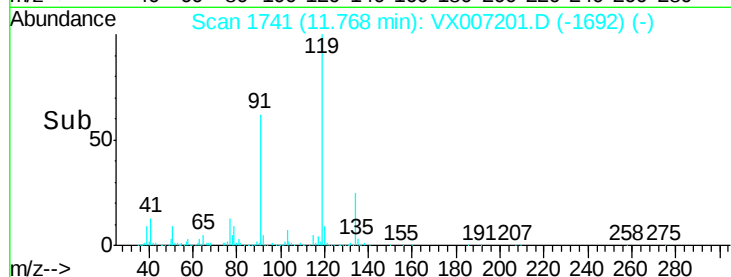
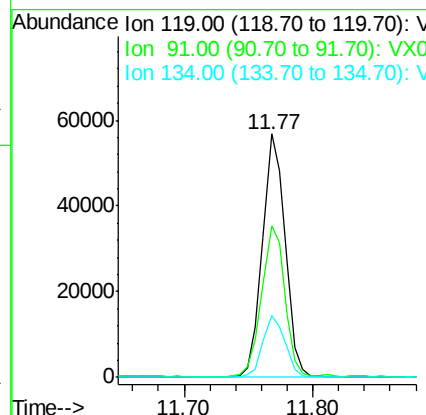
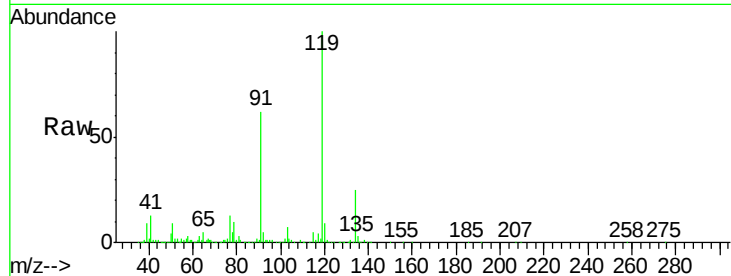




#83
tert-Butylbenzene
Concen: 3.179 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

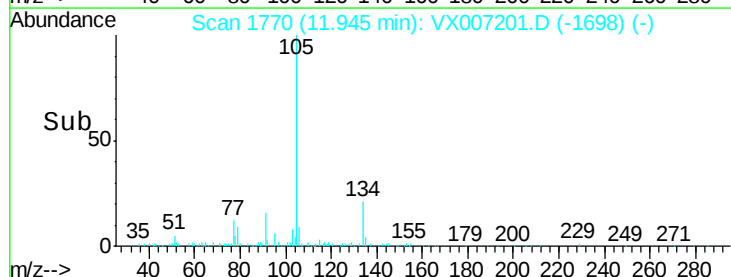
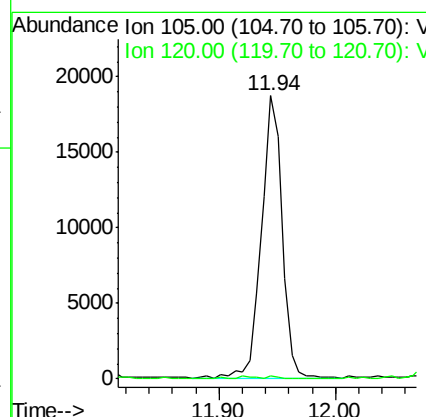
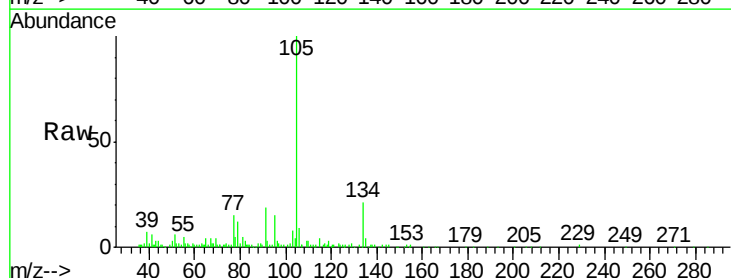
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-190122

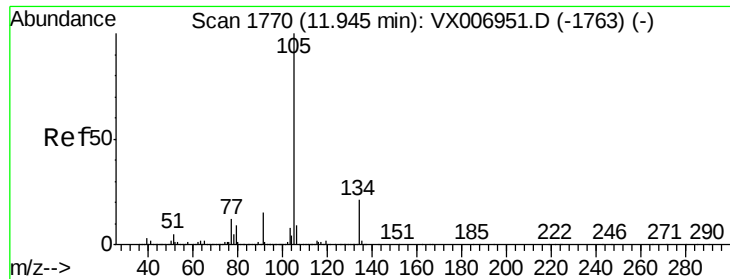
Tot Ion:119 Resp: 69155
Ion Ratio Lower Upper
119 100
91 62.8 27.7 83.1
134 24.9 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 1.082 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.14 min
Lab File: VX007201.D
Acq: 24 Jan 2019 14:09

Tgt Ion:105 Resp: 23728
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#

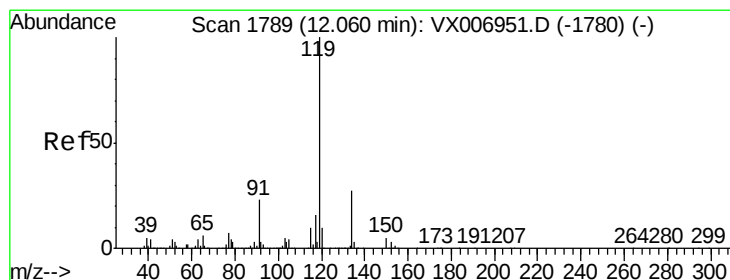
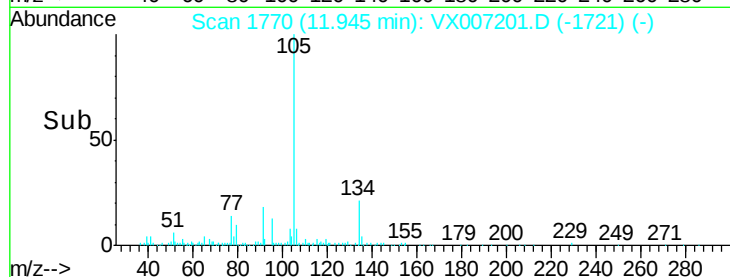
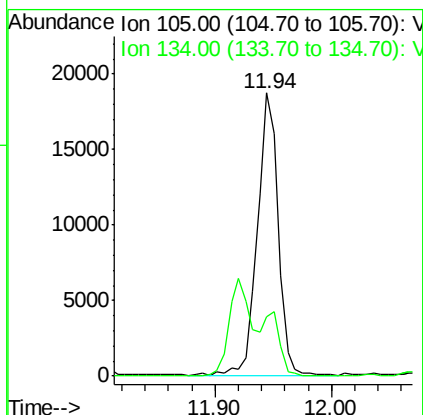
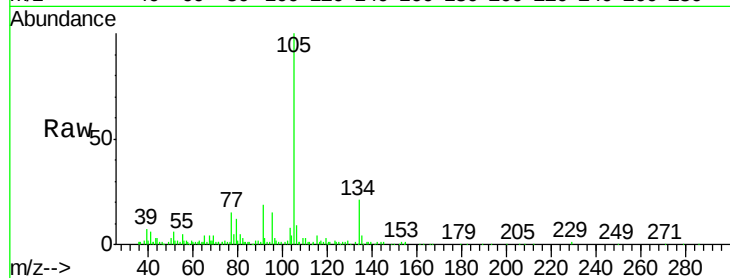




#85
 sec-Butylbenzene
 Concen: 0.913 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007201.D
 Acq: 24 Jan 2019 14:09

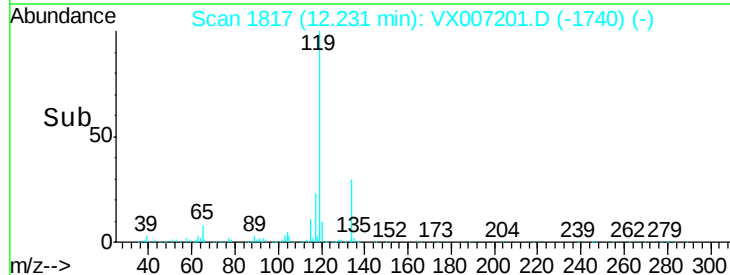
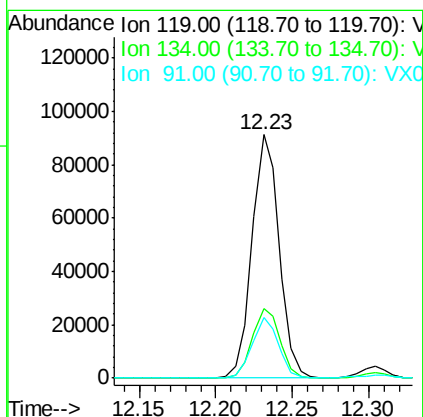
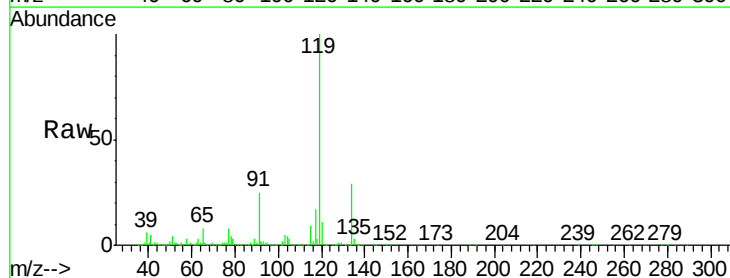
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190122

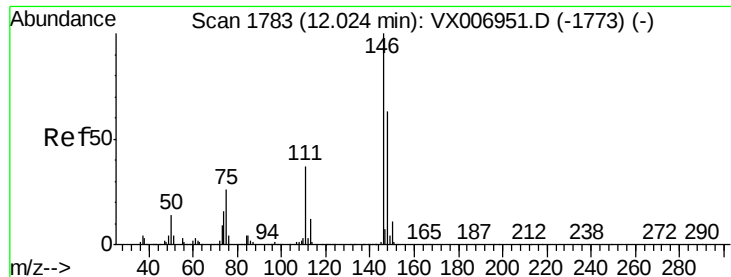
Tot Ion:105 Resp: 23728
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 4.843 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX007201.D
 Acq: 24 Jan 2019 14:09

Tgt Ion:119 Resp: 112535
 Ion Ratio Lower Upper
 119 100
 134 29.5 14.0 41.9
 91 24.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.401 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

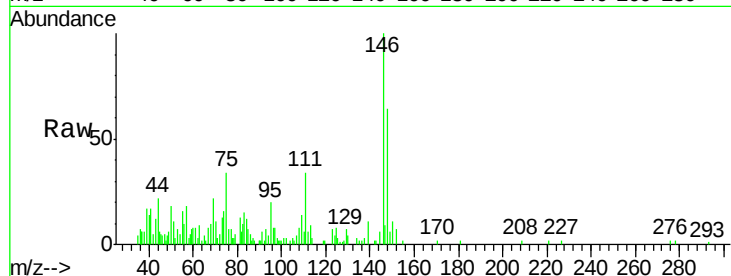
Tot Ion:146 Resp: 5211

Ion Ratio Lower Upper

146 100

111 53.0 18.6 55.8

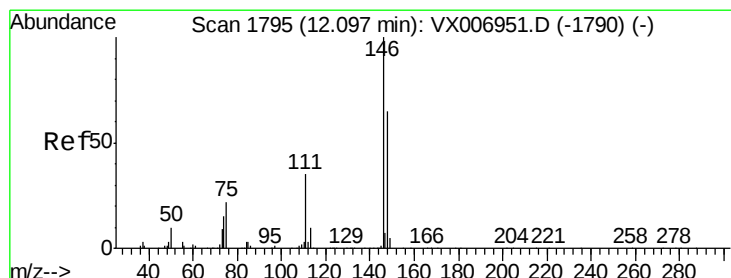
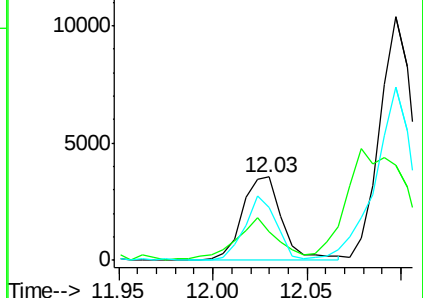
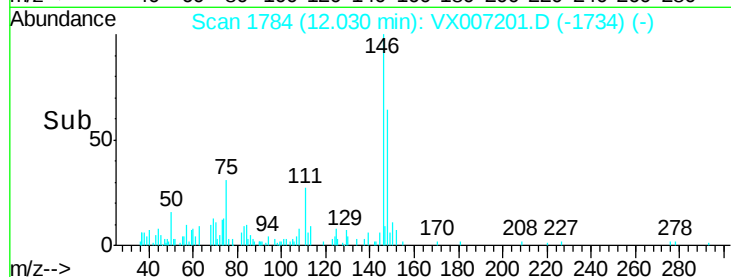
148 61.7 31.8 95.3



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: 0.567 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

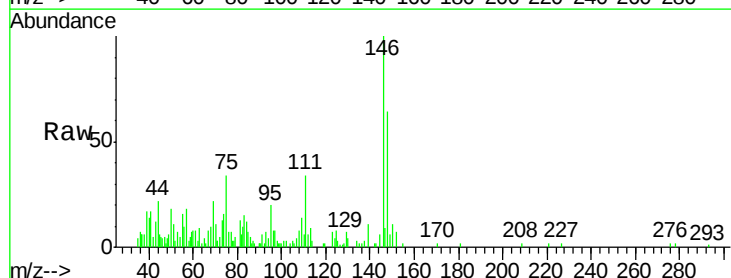
Tgt Ion:146 Resp: 5211

Ion Ratio Lower Upper

146 100

111 53.0 18.1 54.1

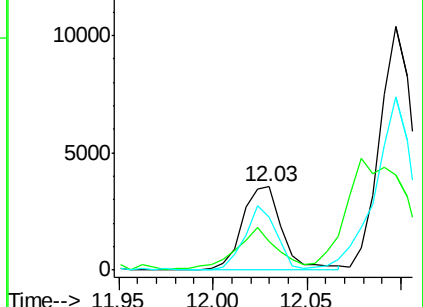
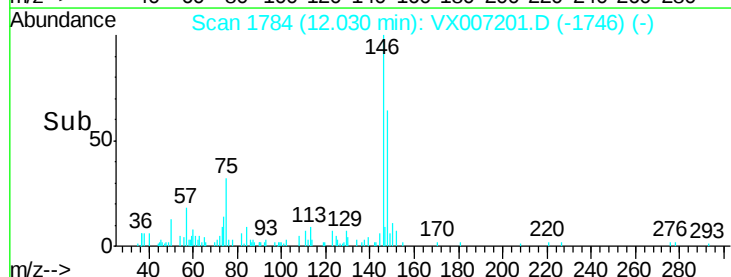
148 61.7 31.9 95.9

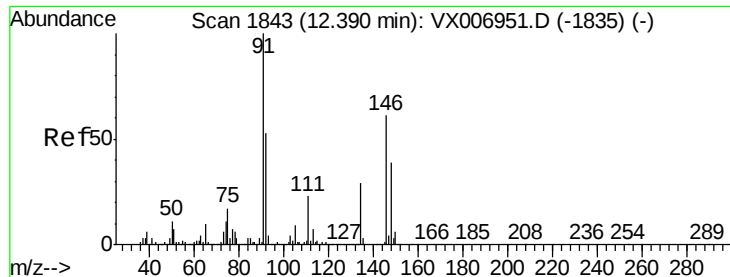


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.219 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-190122

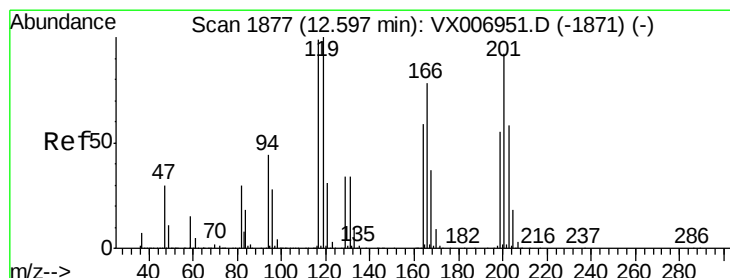
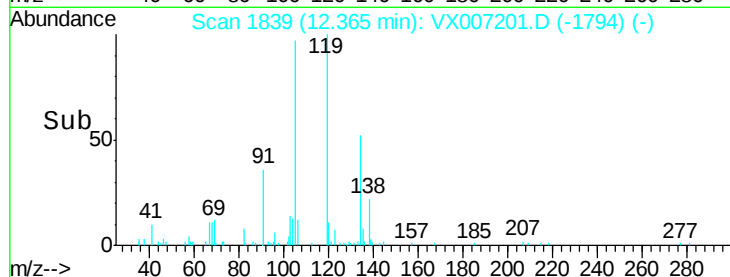
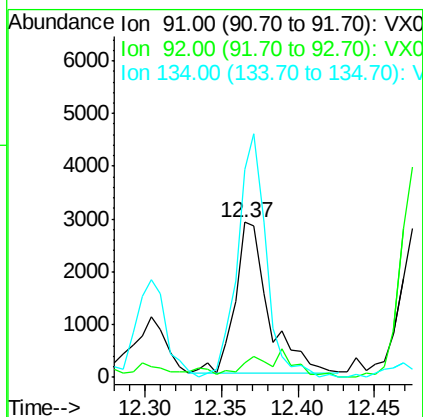
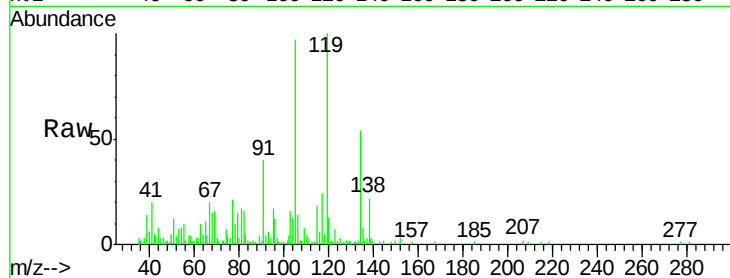
Tot Ion: 91 Resp: 4344

Ion Ratio Lower Upper

91 100

92 10.4 26.8 80.4#

134 137.6 14.4 43.2#



#90

Hexachloroethane

Concen: 3.136 ug/l

RT: 12.66 min Scan# 1887

Delta R.T. 0.06 min

Lab File: VX007201.D

Acq: 24 Jan 2019 14:09

Tgt Ion: 117 Resp: 896

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#

