

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX006990.D
 Acq On : 10 Jan 2019 15:21
 Operator : JC/MD
 Sample : K1094-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CROSSWICKS-DRUM-1

Quant Time: Jan 11 07:13:02 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	5.66	168	602044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	957974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	877114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	445964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	322232	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	284420	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	8.71	98	115535	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	392623	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	1437	0.217	ug/l	89
11) Tert butyl alcohol	3.06	59	3282	2.211	ug/l #	91
13) Acrolein	2.29	56	732	4.214	ug/l #	34
14) Allyl chloride	2.71	41	4019	0.424	ug/l #	28
15) Acrylonitrile	3.15	53	1255	0.368	ug/l #	38
16) Acetone	2.45	43	671791	215.975	ug/l	99
18) Methyl Acetate	2.78	43	15901	1.765	ug/l	94
20) Methylene Chloride	2.86	84	518371	88.050	ug/l	94
25) 2-Butanone	4.70	43	29847	6.706	ug/l	99
29) Tetrahydrofuran	5.16	42	2681	0.927	ug/l #	81
31) Cyclohexane	5.67	56	9560	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	40305	4.839	ug/l #	48
38) Carbon Tetrachloride	5.66	117	55918	6.673	ug/l #	14
43) Isopropyl Acetate	6.43	43	60025765	4261.790	ug/l #	59
48) Methyl methacrylate	7.69	41	12701	1.756	ug/l #	12
49) 1,4-Dioxane	7.77	88	411	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.65	43	5980381	660.696	ug/l	99
52) Toluene	8.79	92	82139	5.029	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	3051	0.360	ug/l #	55
54) cis-1,3-Dichloropropene	8.62	75	56449	6.031	ug/l #	66
56) Ethyl methacrylate	9.10	69	7588	0.795	ug/l #	56
59) 2-Hexanone	9.54	43	135475	19.640	ug/l #	52
67) Ethyl Benzene	10.26	91	11221486	355.315	ug/l	94
68) m/p-Xylenes	10.36	106	16623152	1335.971	ug/l #	1
69) o-Xylene	10.70	106	13591788	1120.067	ug/l	51
70) Styrene	10.71	104	894045	46.519	ug/l #	1
73) Isopropylbenzene	11.02	105	248496	7.902	ug/l	99
74) N-amyl acetate	10.87	43	96788	7.645	ug/l #	49
76) 1,2,3-Trichloropropane	11.36	75	6582	0.728	ug/l #	1
78) n-propylbenzene	11.36	91	1090305	31.583	ug/l	98
79) 2-Chlorotoluene	11.43	91	1366714	65.768	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	5354815	203.790	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	188338	61.917	ug/l #	10
82) 4-Chlorotoluene	11.51	91	571990	23.773	ug/l #	42

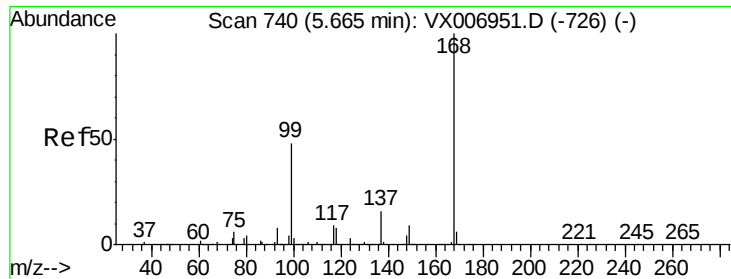
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.82	119	5043097	192.365	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.67	105	7812456	295.670	ug/l	80
85) sec-Butylbenzene	11.80	105	16374545	522.990	ug/l #	55
86) p-Isopropyltoluene	12.02	119	251870	8.994	ug/l #	77
88) 1,4-Dichlorobenzene	12.10	146	1742	0.262	ug/l #	1
89) n-Butylbenzene	12.37	91	228210	9.559	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2481	1.257	ug/l #	1
95) Naphthalene	13.83	128	220022	6.848	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

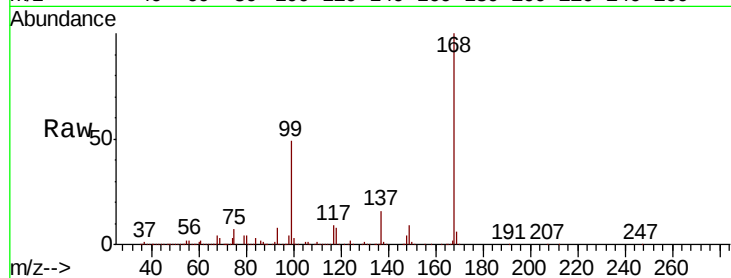
CROSSWICKS-DRUM-1

Tgt Ion:168 Resp: 602044

Ion Ratio Lower Upper

168 100

99 49.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

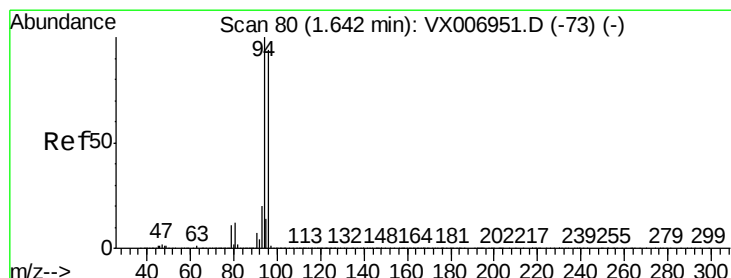
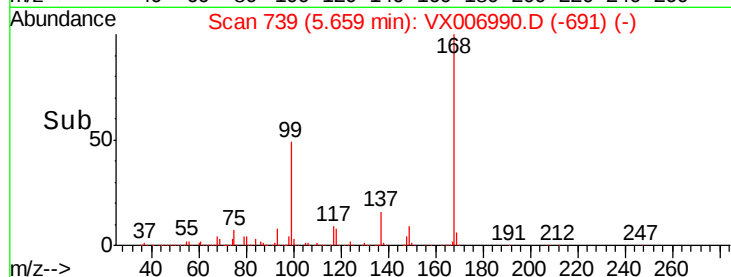
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.217 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006990.D

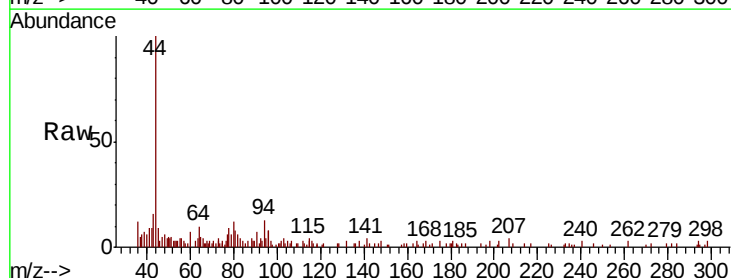
Acq: 10 Jan 2019 15:21

Tgt Ion: 94 Resp: 1437

Ion Ratio Lower Upper

94 100

96 101.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

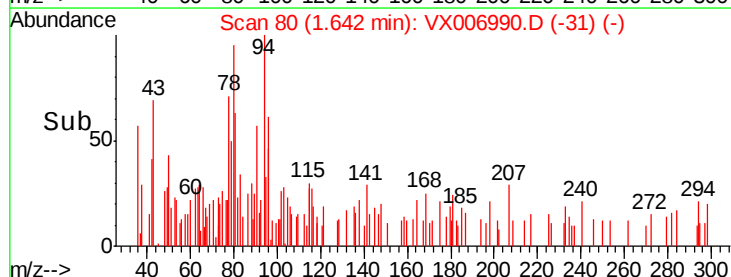
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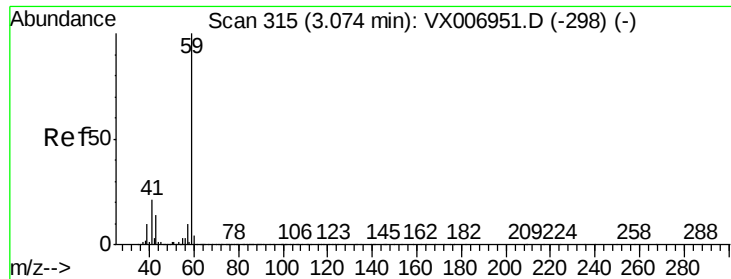
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0

1.60 1.65 1.70

Time-->



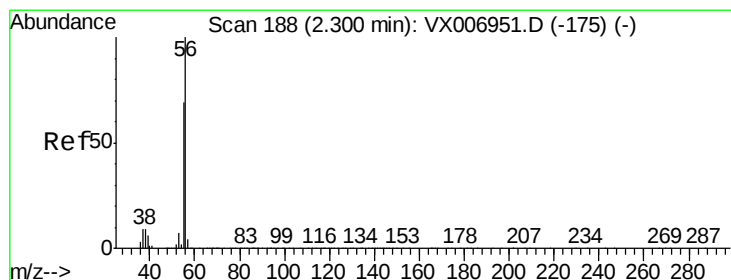
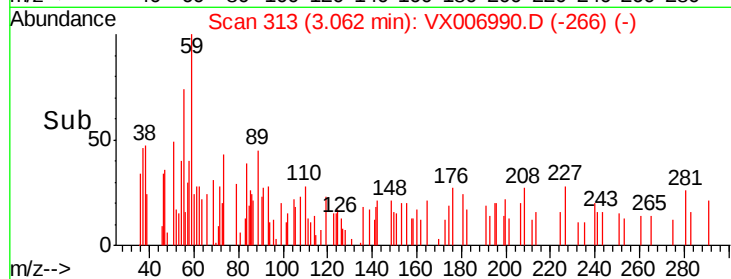
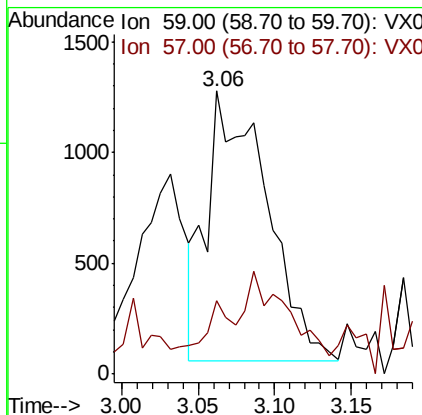
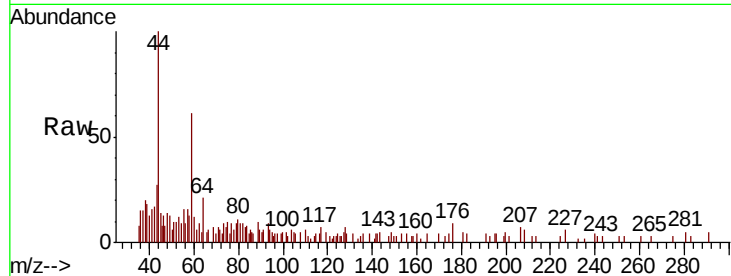


#11

Tert butyl alcohol
Concen: 2.211 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

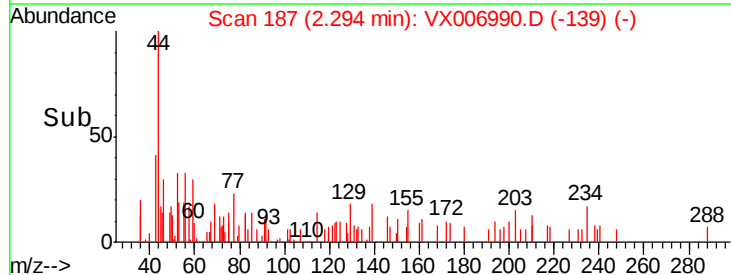
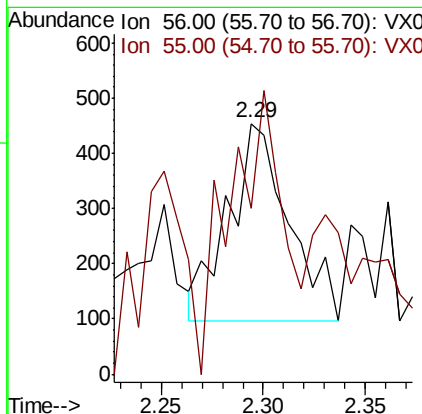
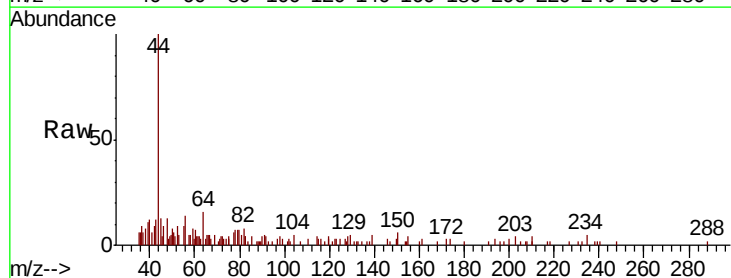
Tgt Ion: 59 Resp: 3282
Ion Ratio Lower Upper
59 100
57 14.1 8.5 12.7#

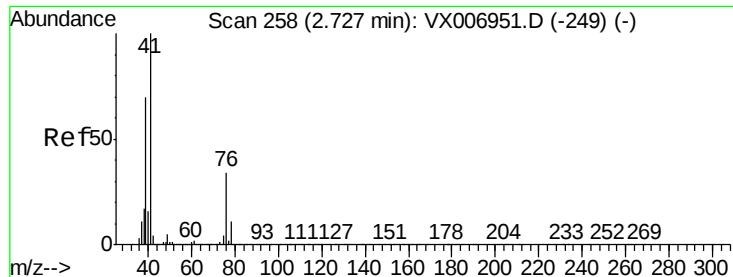


#13

Acrolein
Concen: 4.214 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion: 56 Resp: 732
Ion Ratio Lower Upper
56 100
55 127.7 58.2 87.4#





#14

Allyl chloride

Concen: 0.424 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

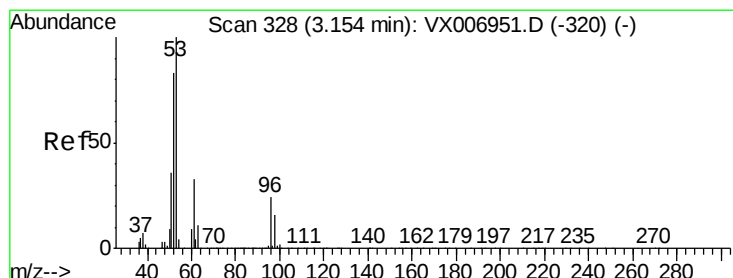
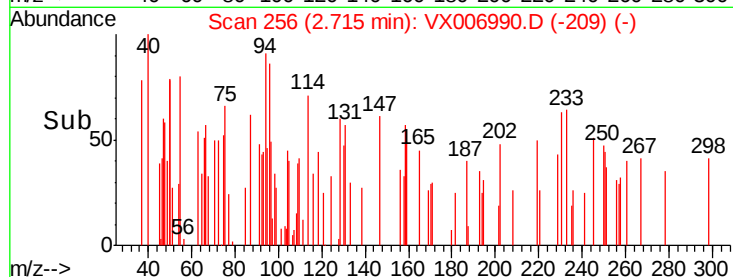
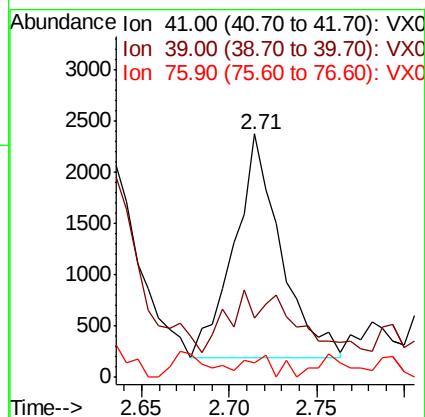
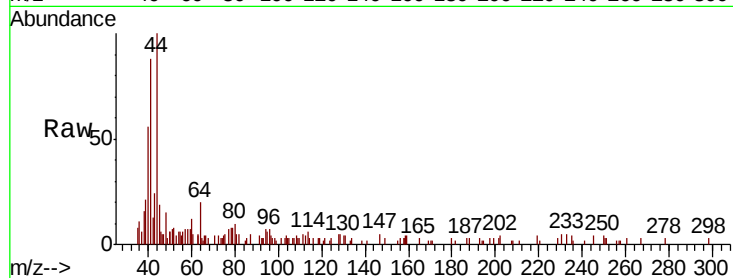
Tgt Ion: 41 Resp: 4019

Ion Ratio Lower Upper

41 100

39 0.0 53.6 80.4#

76 6.3 27.4 41.2#



#15

Acrylonitrile

Concen: 0.368 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

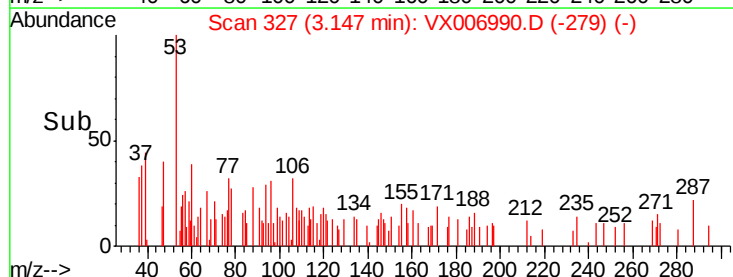
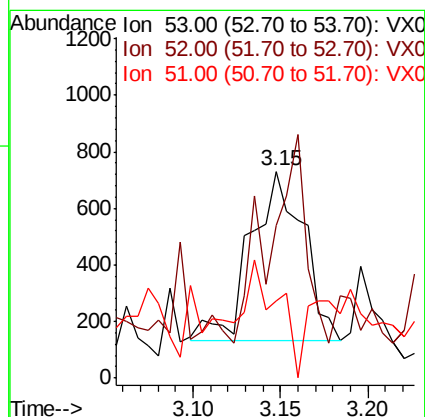
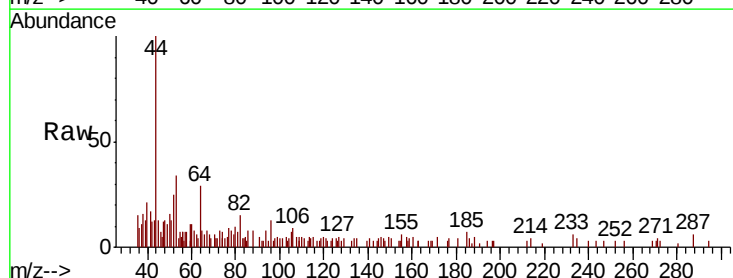
Tgt Ion: 53 Resp: 1255

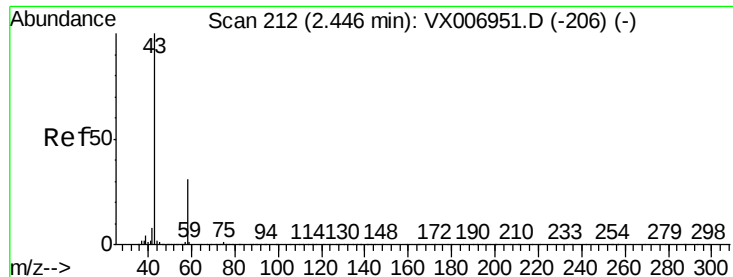
Ion Ratio Lower Upper

53 100

52 26.1 66.0 99.0#

51 0.0 28.6 42.8#

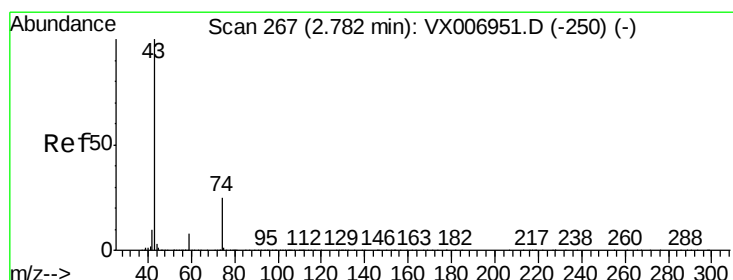
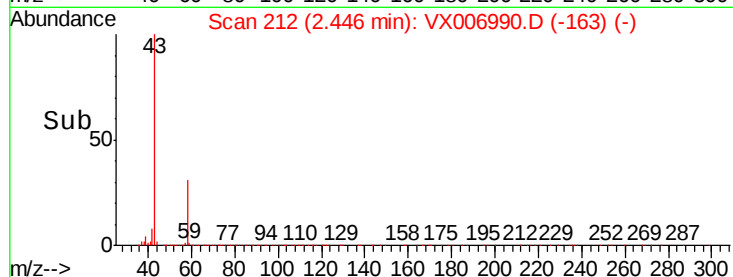
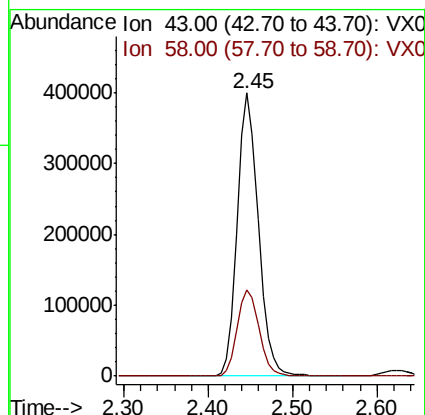
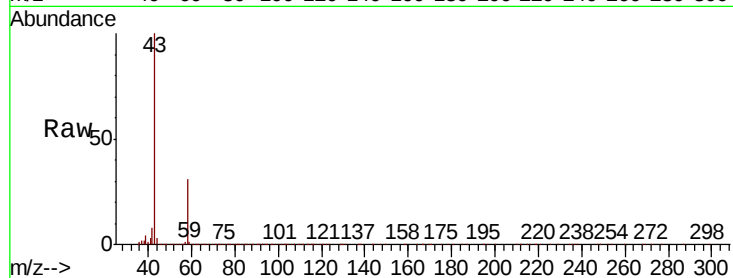




#16
Acetone
Concen: 215.975 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

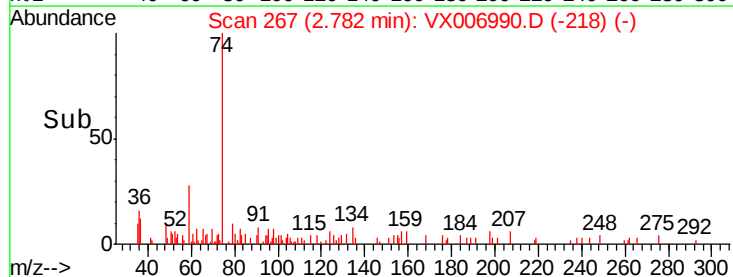
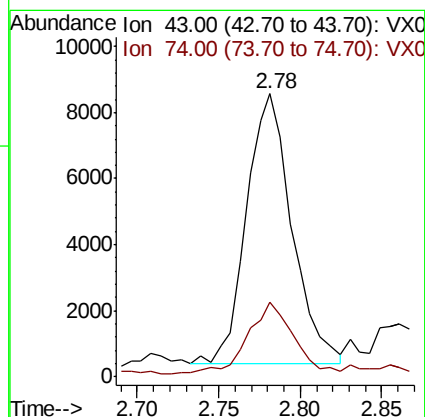
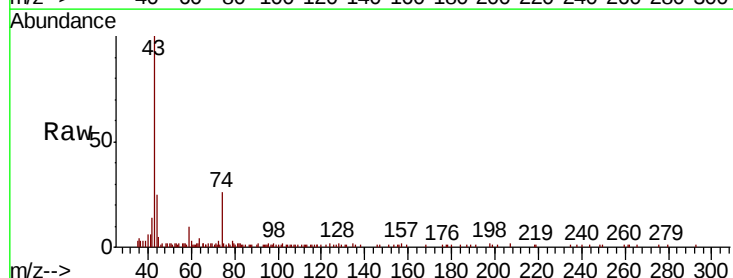
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

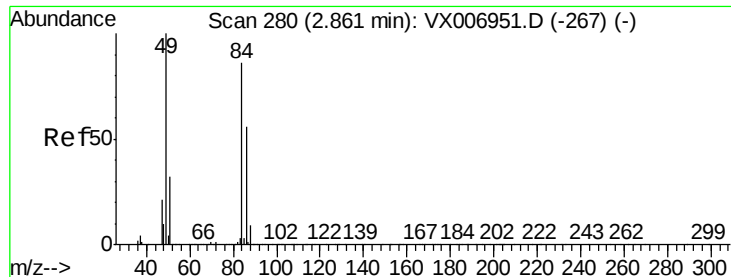
Tgt Ion: 43 Resp: 671791
Ion Ratio Lower Upper
43 100
58 30.5 25.0 37.6



#18
Methyl Acetate
Concen: 1.765 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion: 43 Resp: 15901
Ion Ratio Lower Upper
43 100
74 26.4 18.6 28.0





#20

Methylene Chloride

Concen: 88.050 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion: 84 Resp: 518371

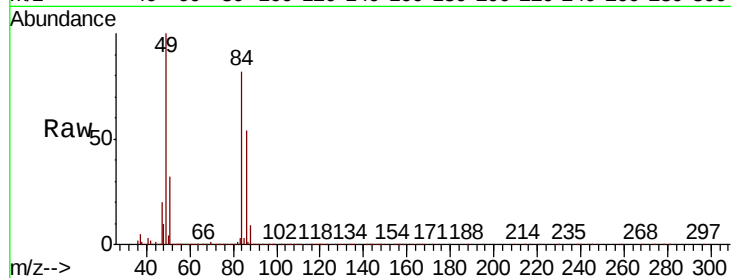
Ion Ratio Lower Upper

84 100

49 122.2 91.8 137.6

51 39.1 28.5 42.7

86 65.9 50.2 75.2



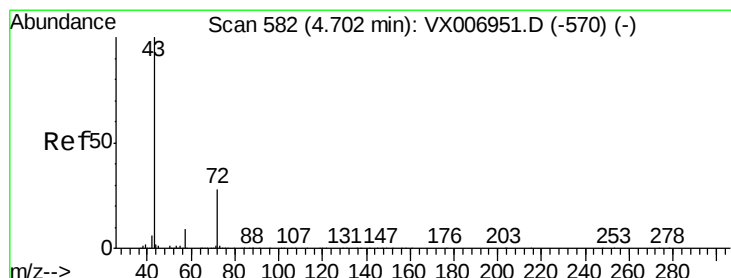
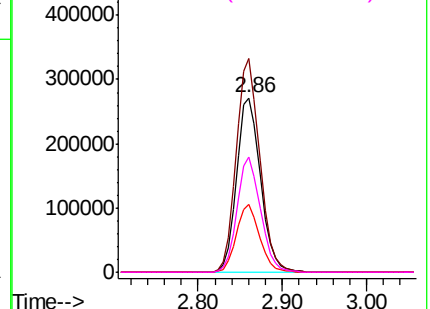
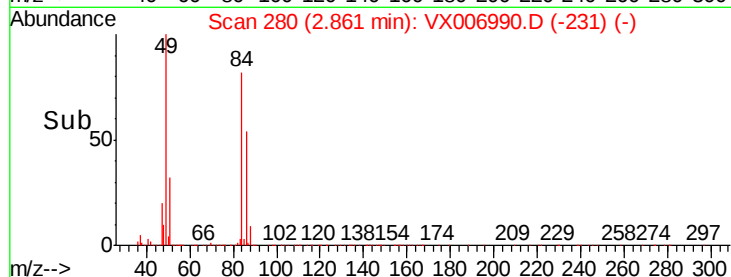
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 6.706 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006990.D

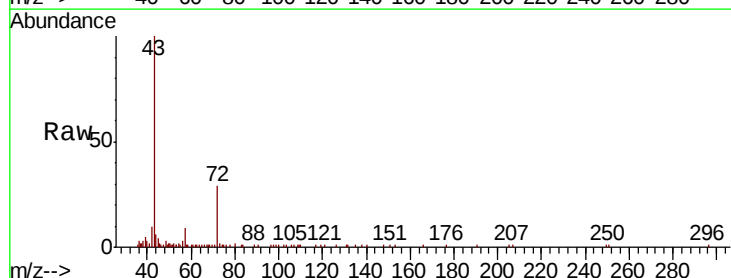
Acq: 10 Jan 2019 15:21

Tgt Ion: 43 Resp: 29847

Ion Ratio Lower Upper

43 100

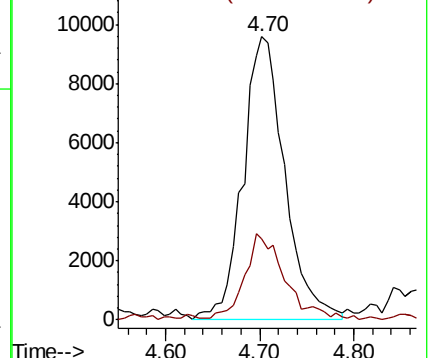
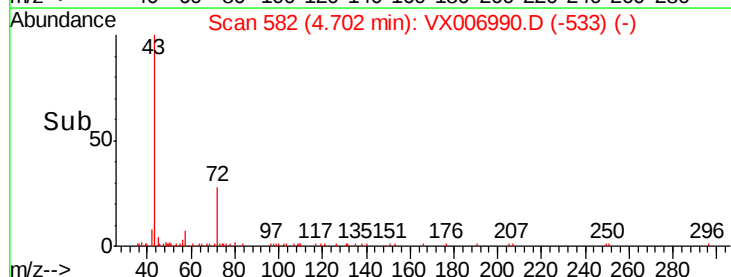
72 27.4 22.4 33.6

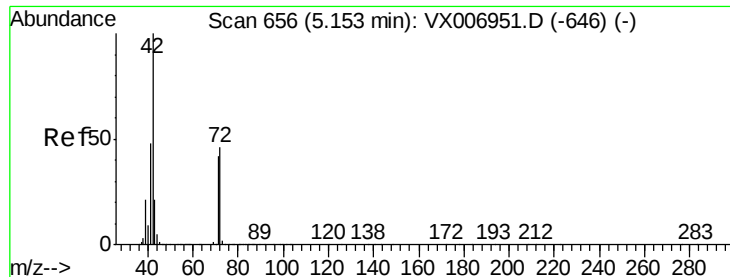


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

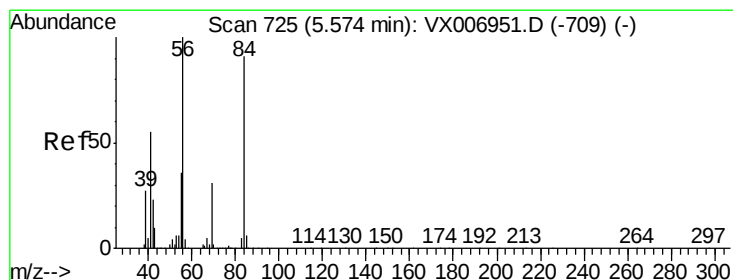
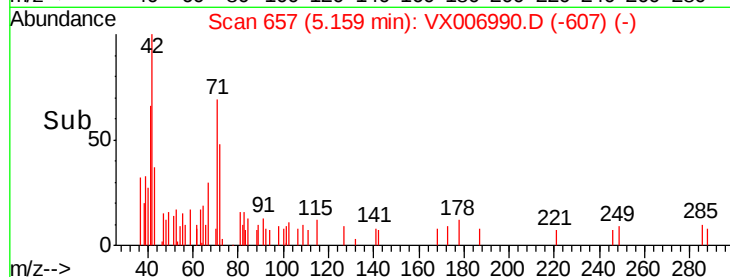
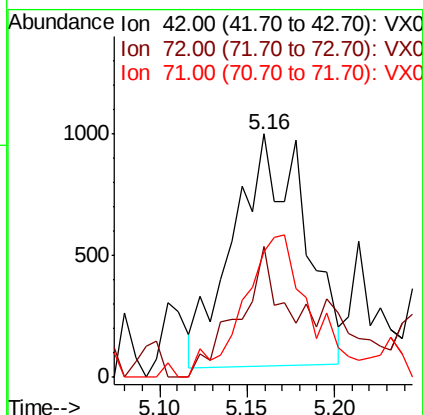
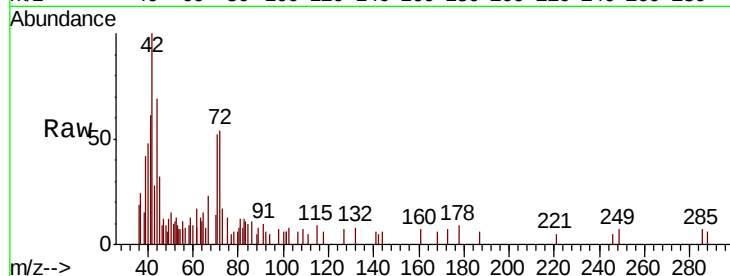




#29
Tetrahydrofuran
Concen: 0.927 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

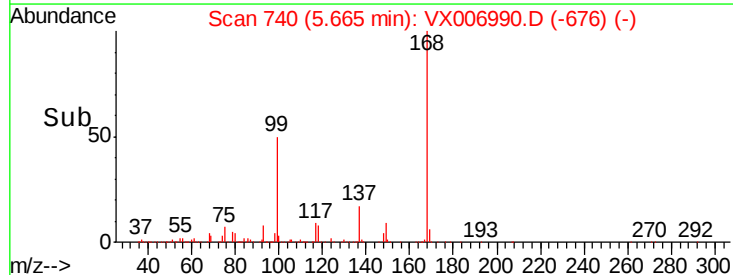
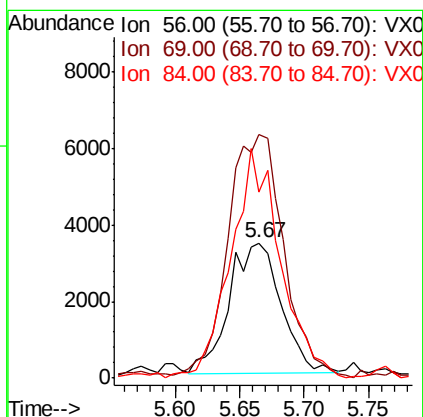
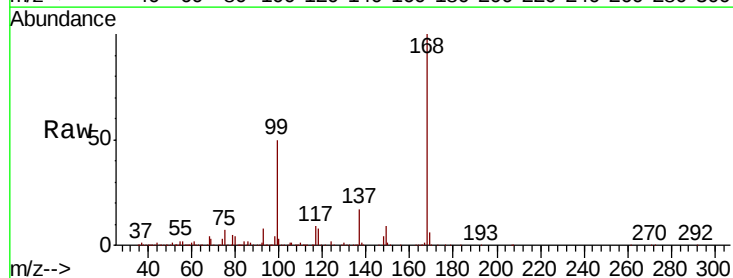
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

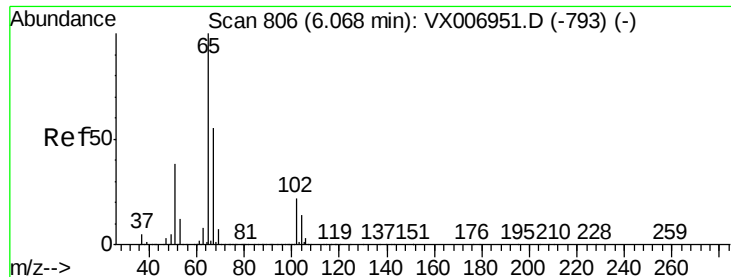
Tgt Ion: 42 Resp: 2681
Ion Ratio Lower Upper
42 100
72 34.8 38.9 58.3#
71 57.3 36.2 54.4#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion: 56 Resp: 9560
Ion Ratio Lower Upper
56 100
69 184.9 24.4 36.6#
84 141.9 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 51.214 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

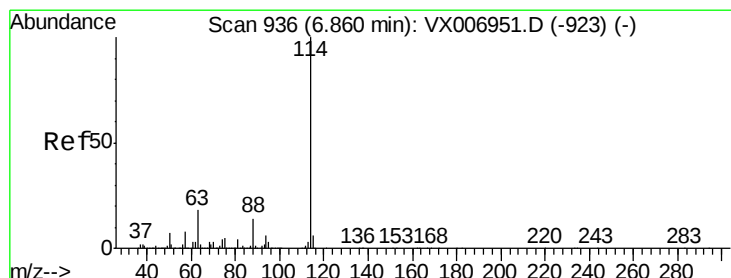
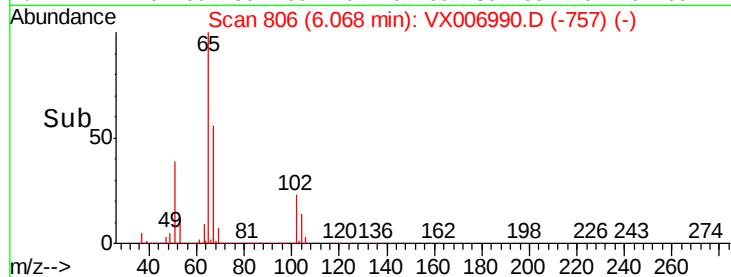
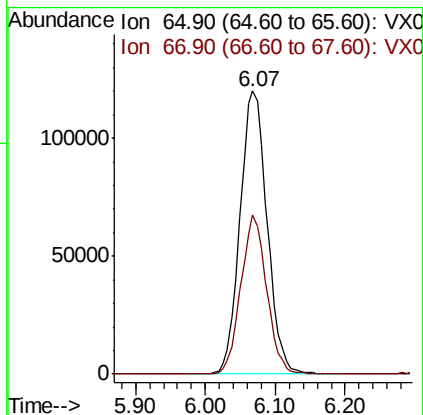
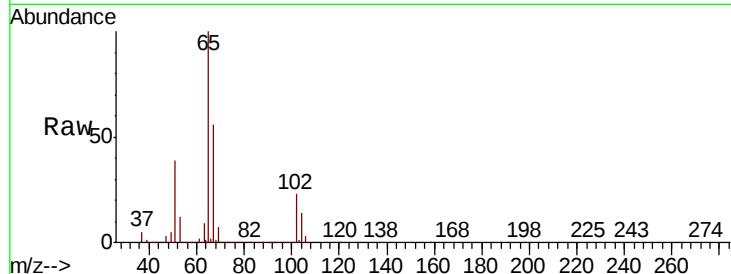
CROSSWICKS-DRUM-1

Tgt Ion: 65 Resp: 322232

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

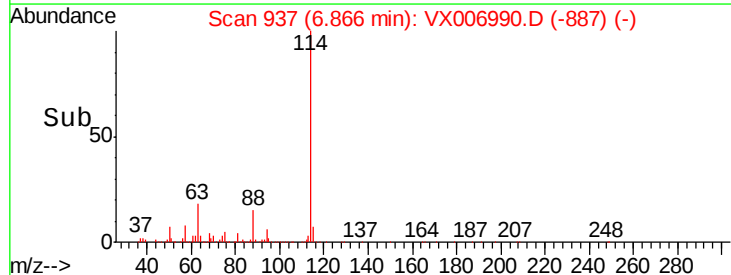
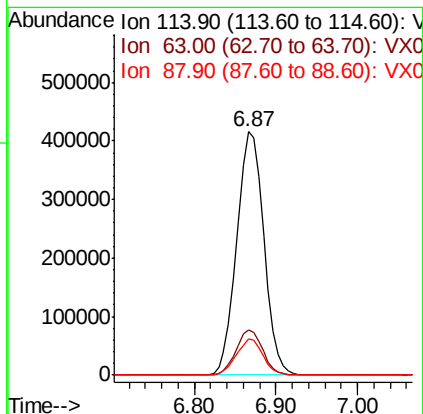
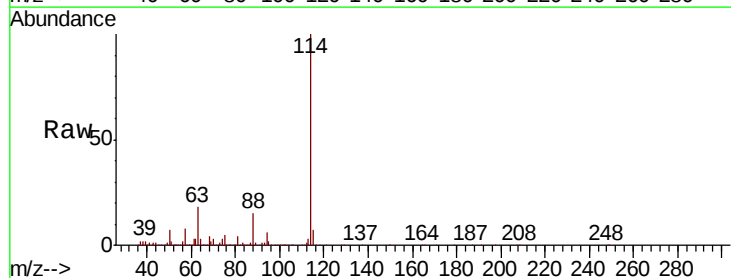
Tgt Ion: 114 Resp: 957974

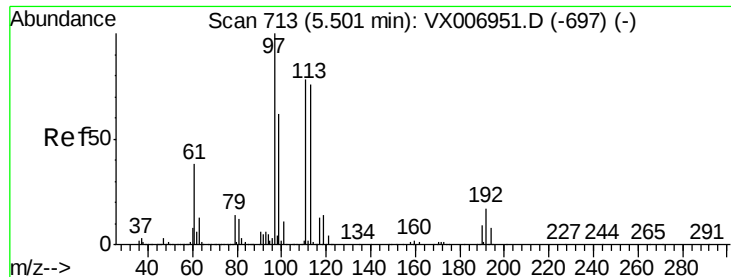
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.362 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

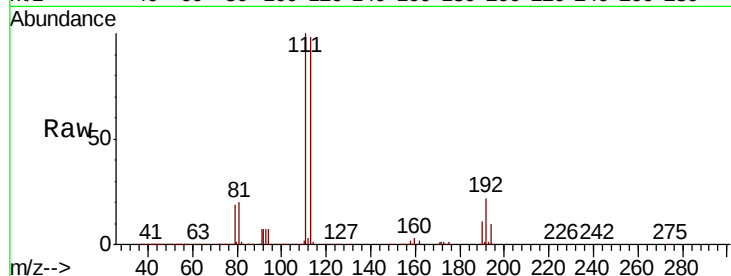
Tgt Ion:113 Resp: 284420

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

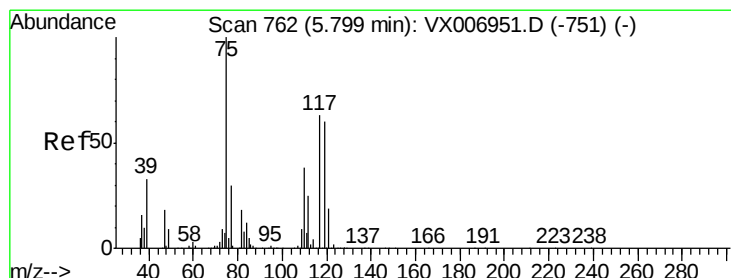
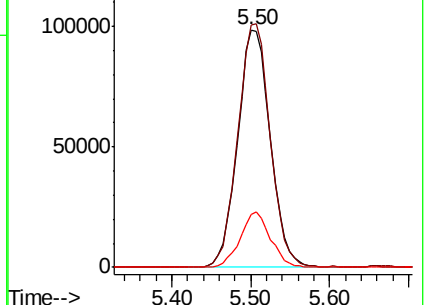
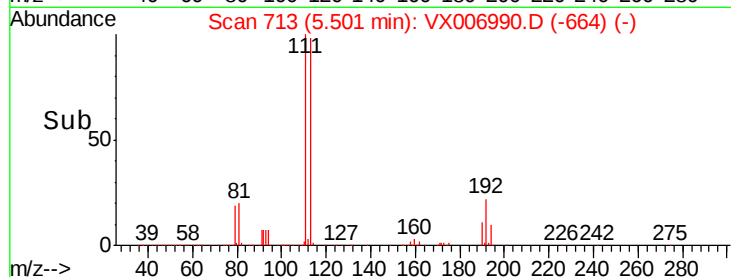
192 21.6 16.7 25.1



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: 4.839 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

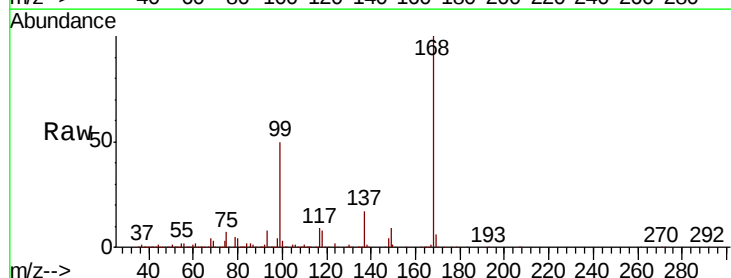
Tgt Ion: 75 Resp: 40305

Ion Ratio Lower Upper

75 100

110 9.6 20.2 60.5#

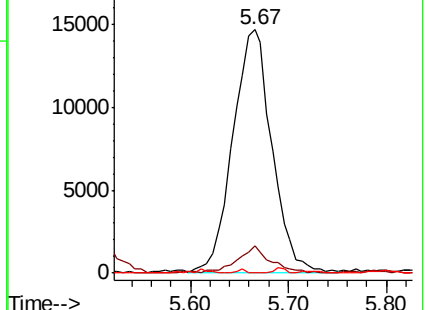
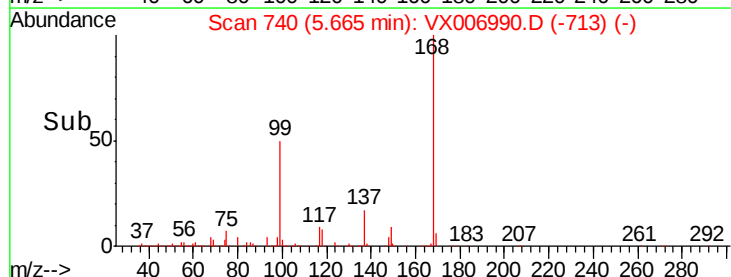
77 0.3 24.8 37.2#

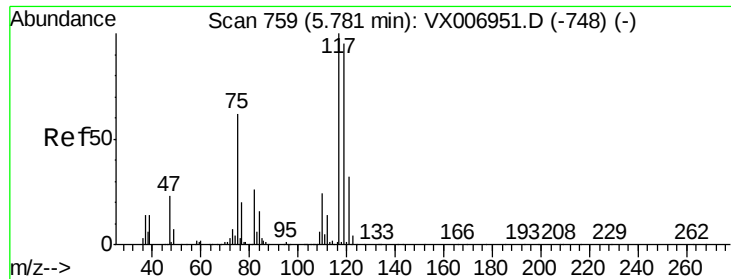


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.673 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

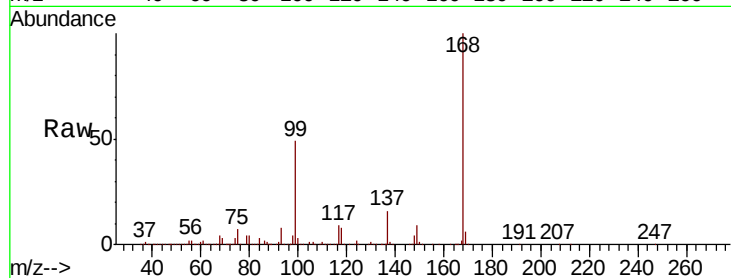
Tgt Ion:117 Resp: 55918

Ion Ratio Lower Upper

117 100

119 4.3 79.4 119.2#

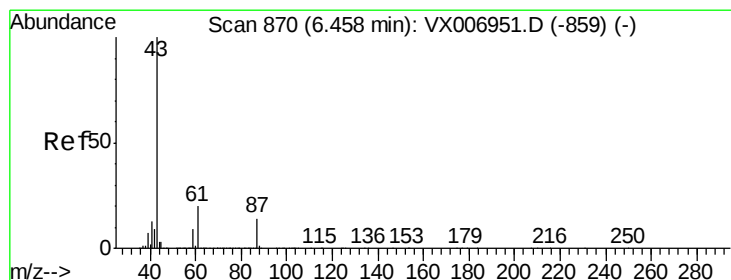
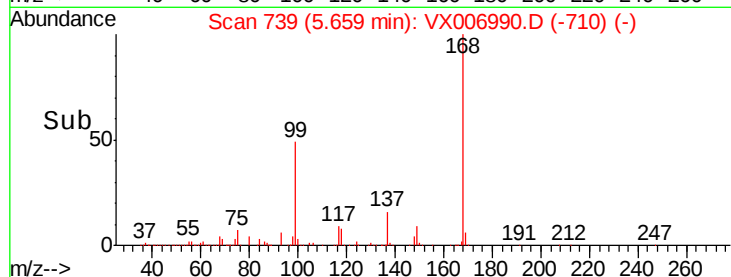
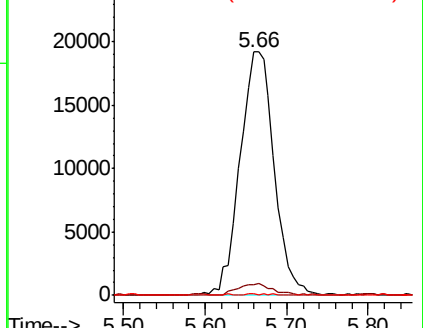
121 0.5 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 4261.790 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.02 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

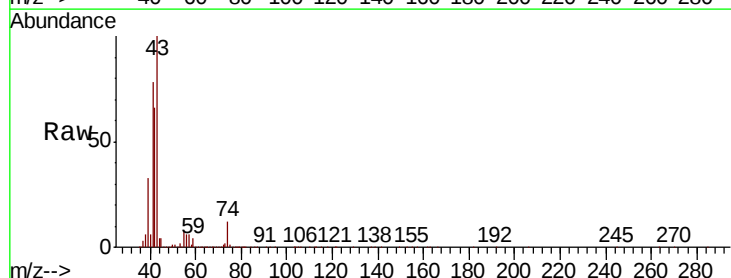
Tgt Ion: 43 Resp:60025765

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

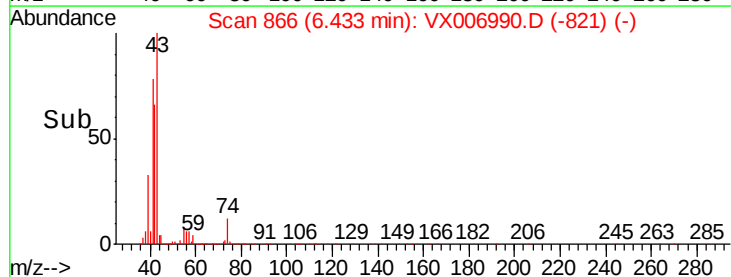
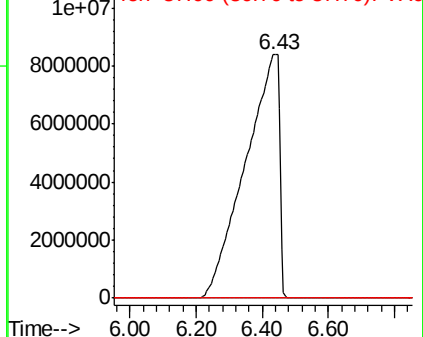
87 0.0 12.4 18.6#

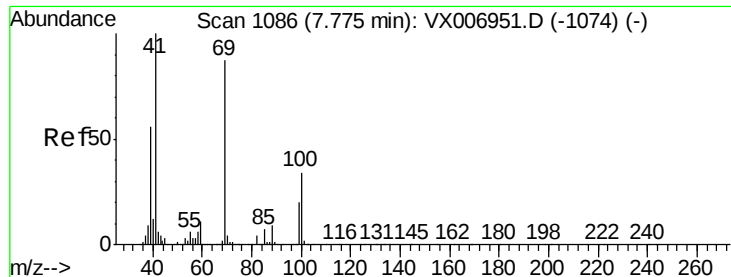


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methyl methacrylate

Concen: 1.756 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

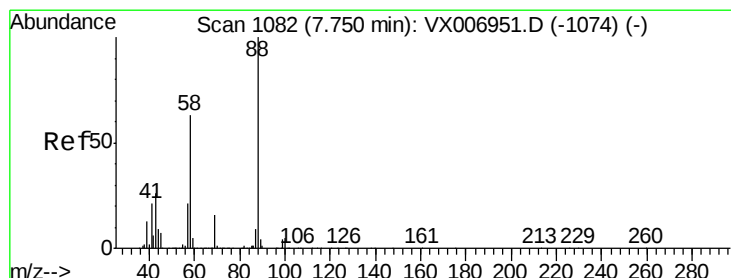
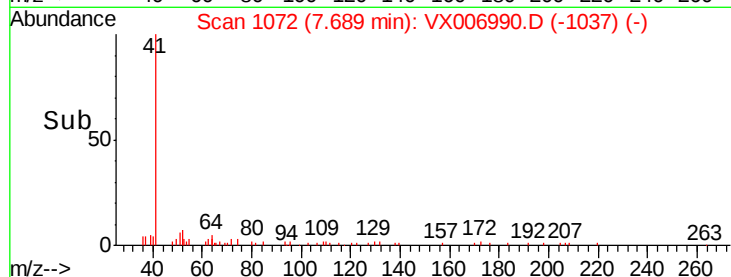
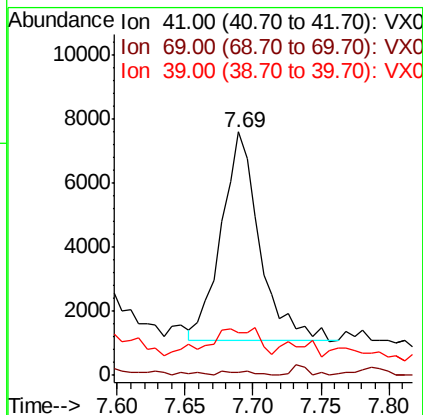
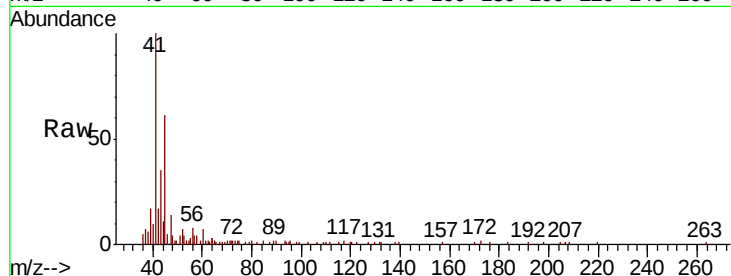
Tgt Ion: 41 Resp: 12701

Ion Ratio Lower Upper

41 100

69 0.9 72.4 108.6#

39 0.0 45.8 68.8#



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

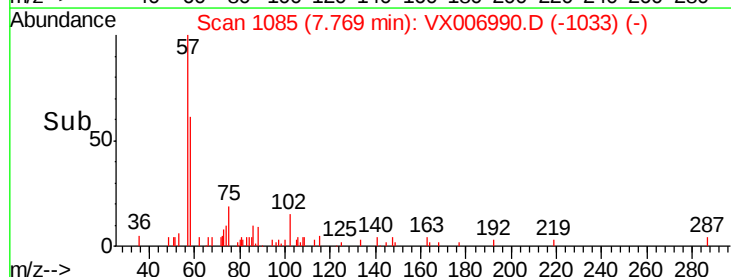
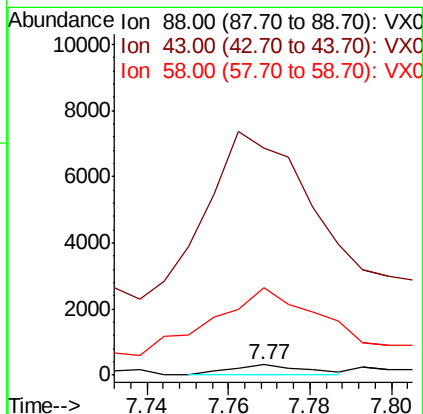
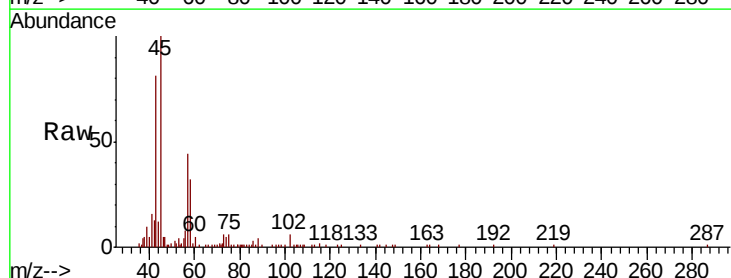
Tgt Ion: 88 Resp: 411

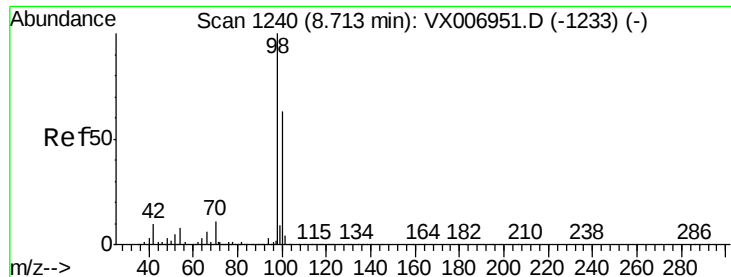
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 1719.7 51.0 76.4#





#50

Toluene-d8

Concen: 51.459 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

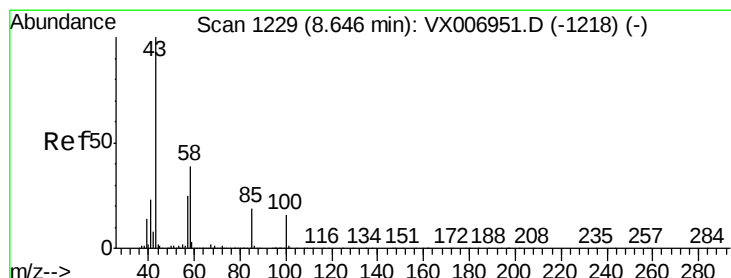
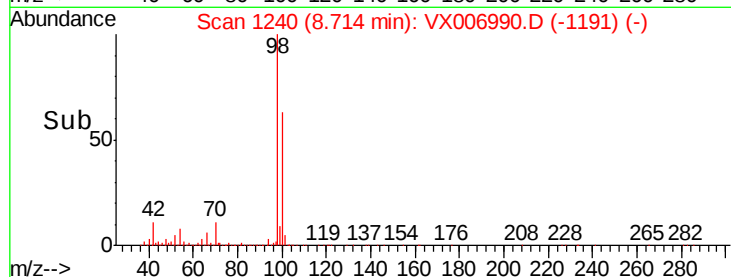
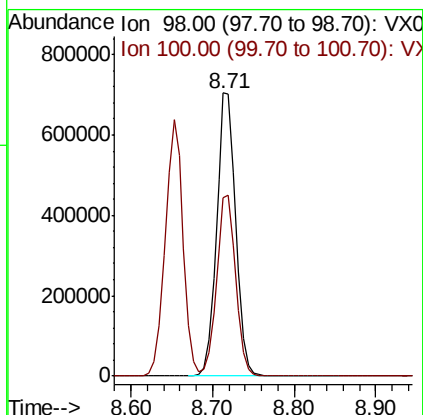
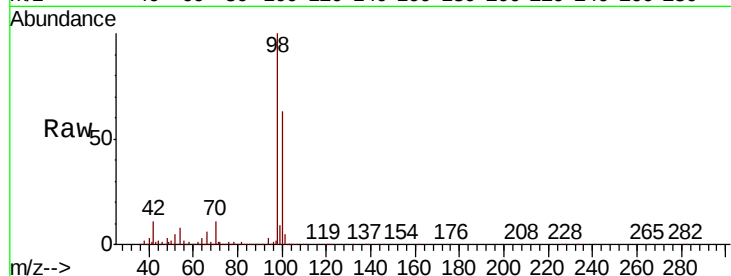
CROSSWICKS-DRUM-1

Tgt Ion: 98 Resp: 115535

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 660.696 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX006990.D

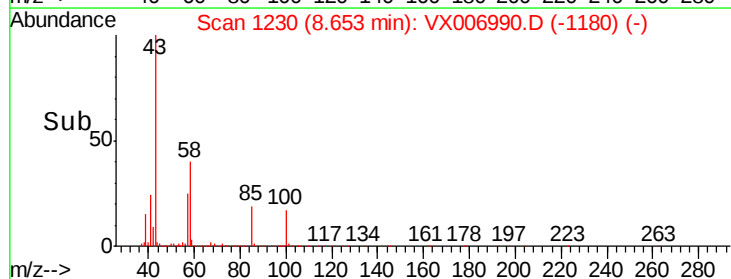
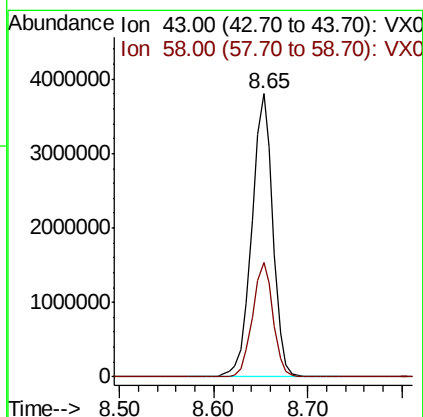
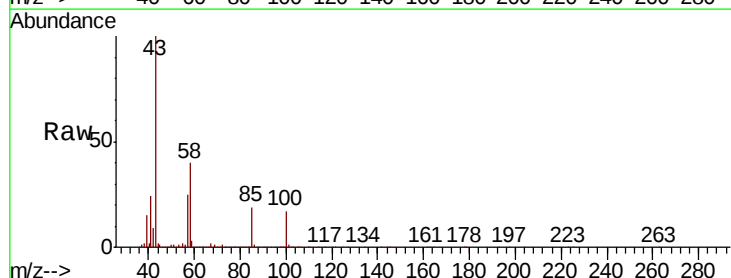
Acq: 10 Jan 2019 15:21

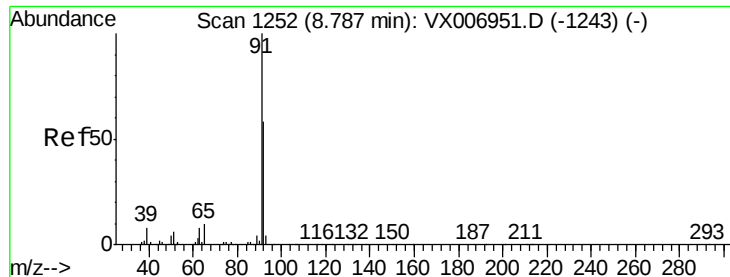
Tgt Ion: 43 Resp: 5980381

Ion Ratio Lower Upper

43 100

58 39.3 31.8 47.6





#52

Toluene

Concen: 5.029 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

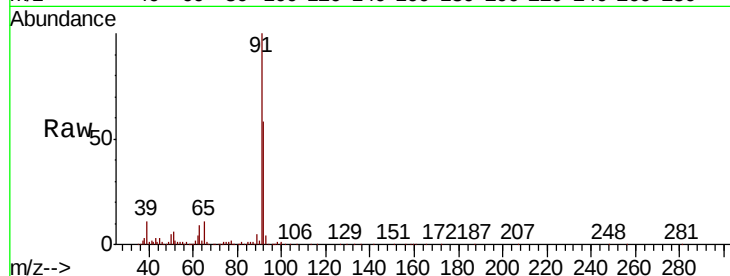
CROSSWICKS-DRUM-1

Tgt Ion: 92 Resp: 82139

Ion Ratio Lower Upper

92 100

91 171.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

40000

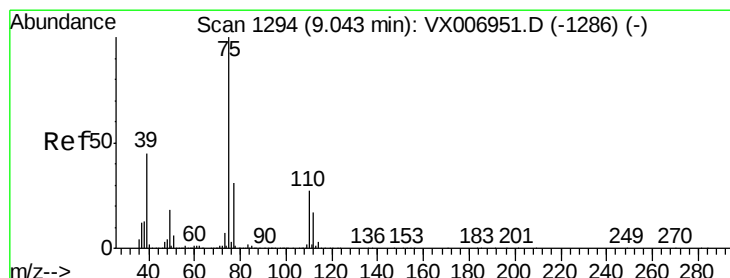
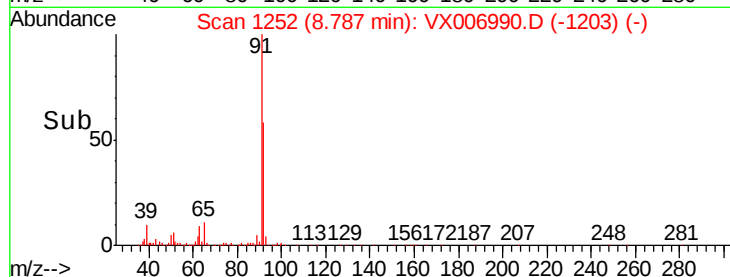
20000

0

8.79

8.70 8.75 8.80 8.85

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.360 ug/l

RT: 9.02 min Scan# 1290

Delta R.T. -0.02 min

Lab File: VX006990.D

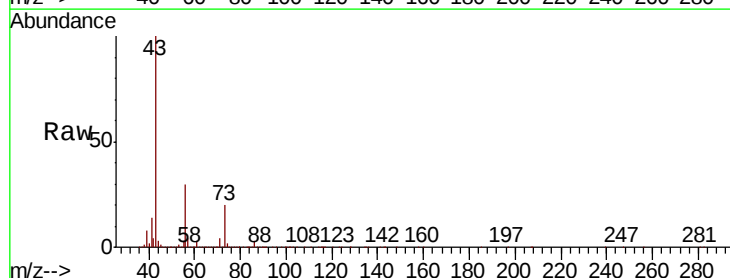
Acq: 10 Jan 2019 15:21

Tgt Ion: 75 Resp: 3051

Ion Ratio Lower Upper

75 100

77 6.7 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

2000

1500

1000

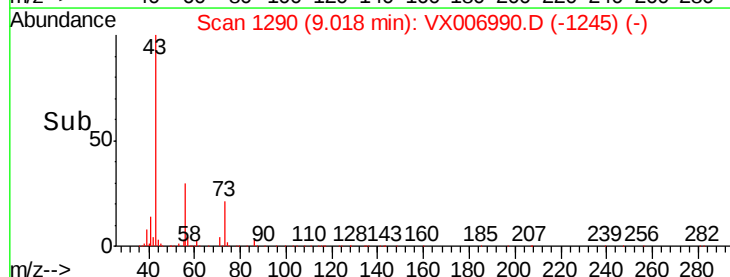
500

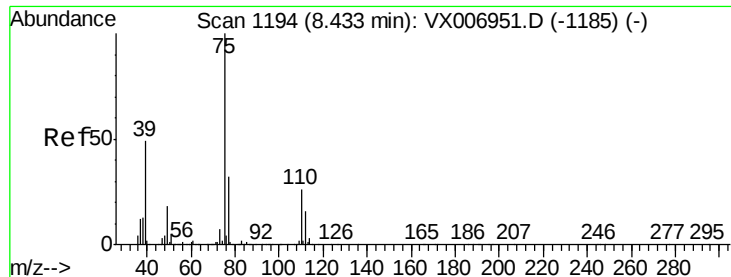
0

9.02

8.95 9.00 9.05 9.10

Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.031 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

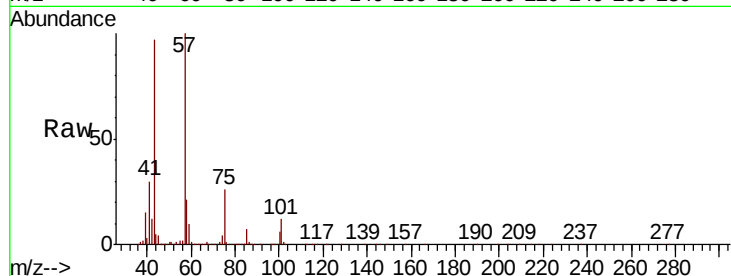
Tgt Ion: 75 Resp: 56449

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

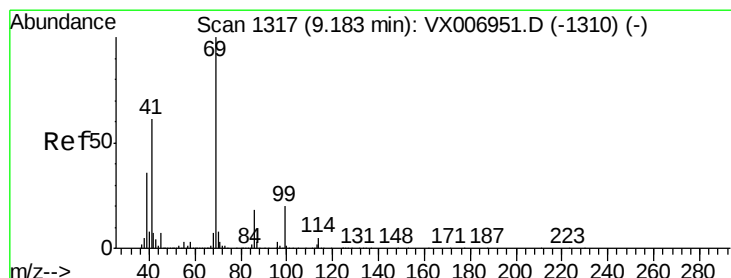
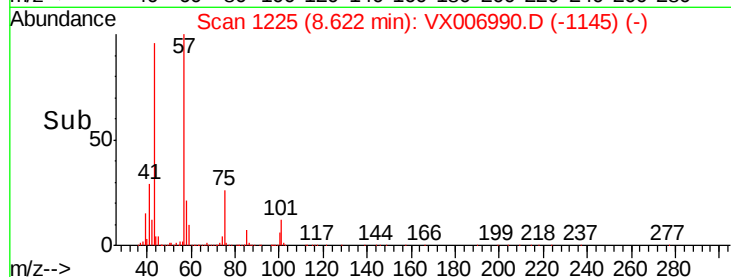
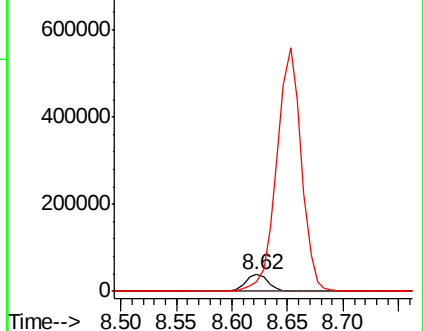
39 57.2 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#56

Ethyl methacrylate

Concen: 0.795 ug/l

RT: 9.10 min Scan# 1304

Delta R.T. -0.08 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

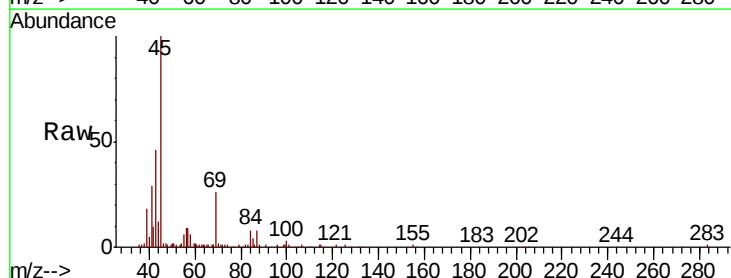
Tgt Ion: 69 Resp: 7588

Ion Ratio Lower Upper

69 100

41 104.2 48.7 73.1#

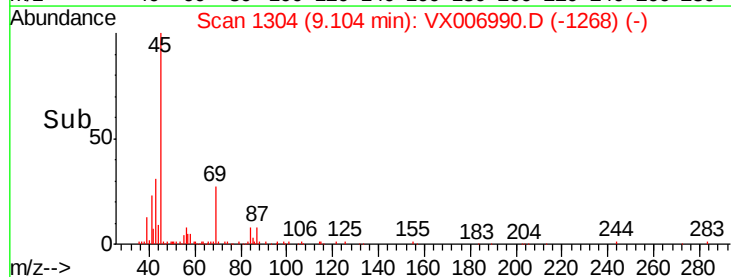
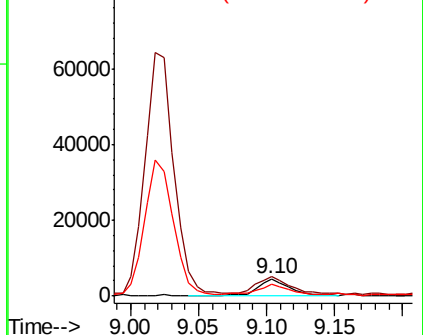
39 45.7 27.0 40.6#

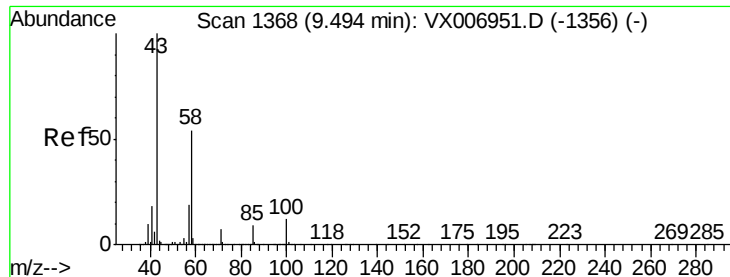


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

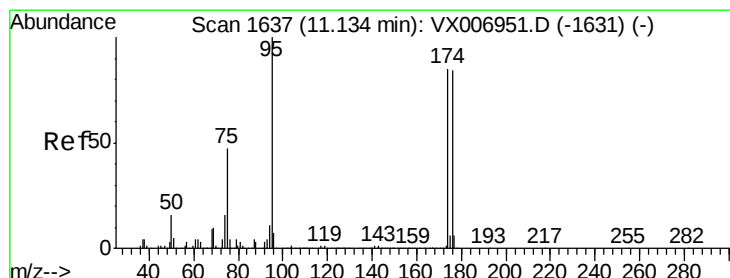
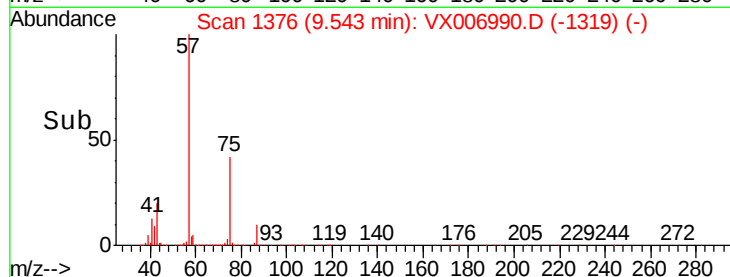
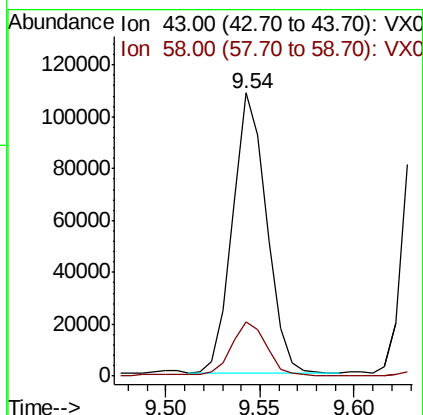
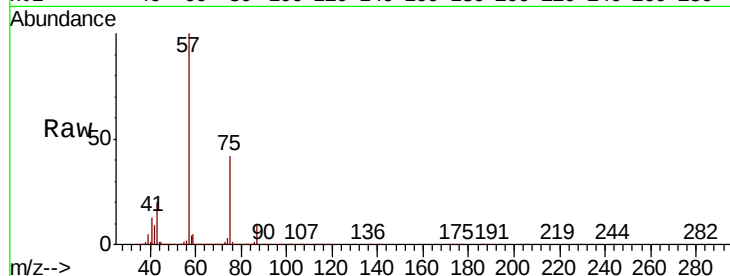




#59
2-Hexanone
Concen: 19.640 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

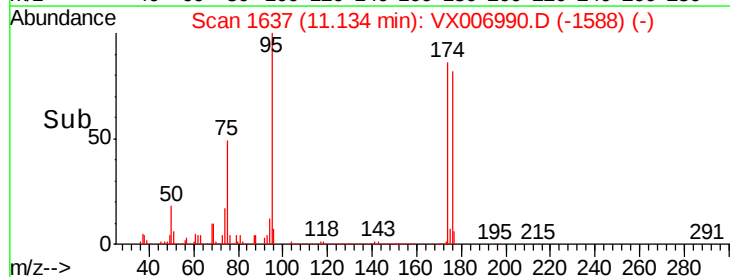
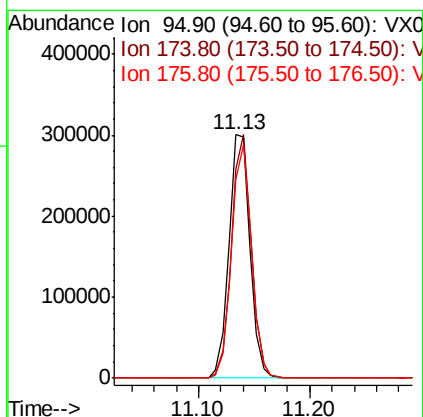
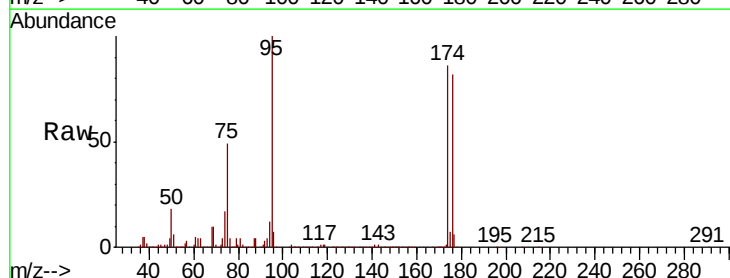
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

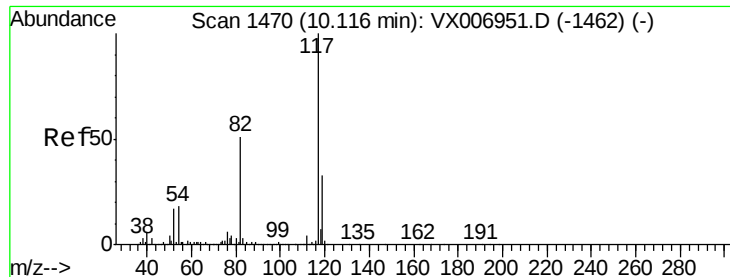
Tgt Ion: 43 Resp: 135475
Ion Ratio Lower Upper
43 100
58 20.8 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 50.153 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion: 95 Resp: 392623
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.2
176 91.5 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

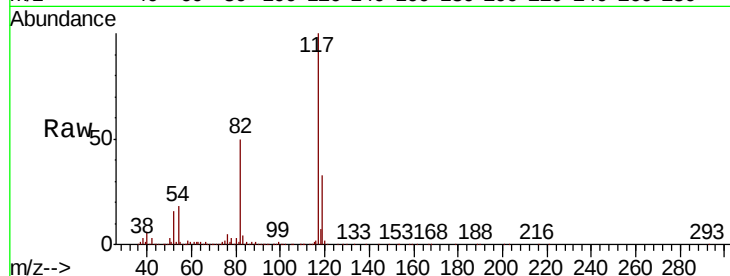
Tgt Ion:117 Resp: 877114

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

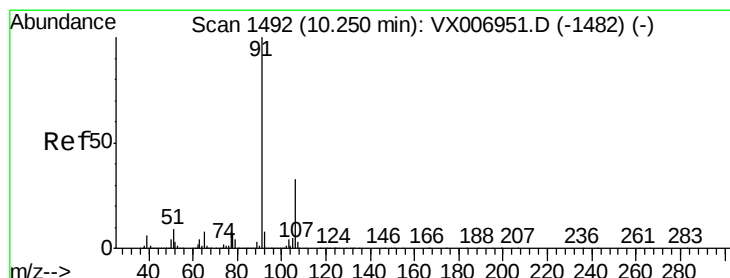
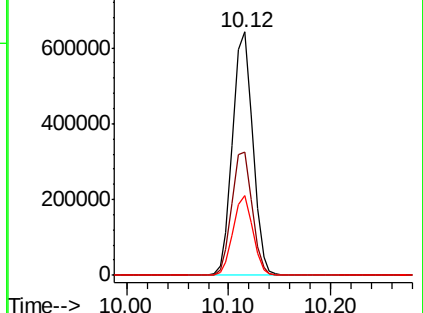
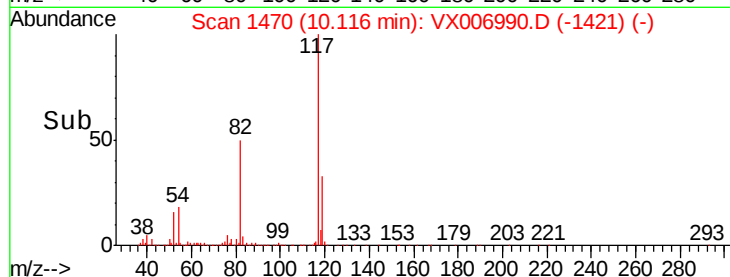
119 32.7 25.4 38.0



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



#67

Ethyl Benzene

Concen: 355.315 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX006990.D

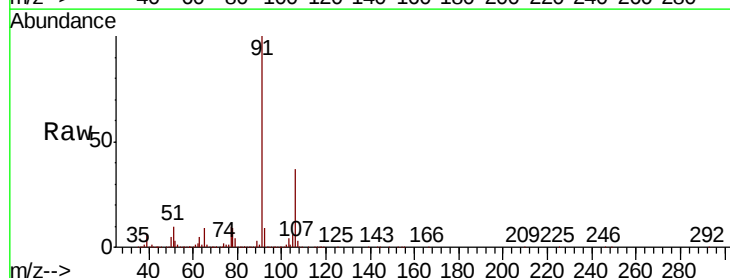
Acq: 10 Jan 2019 15:21

Tgt Ion: 91 Resp:11221486

Ion Ratio Lower Upper

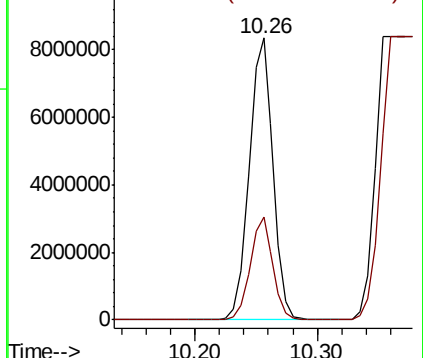
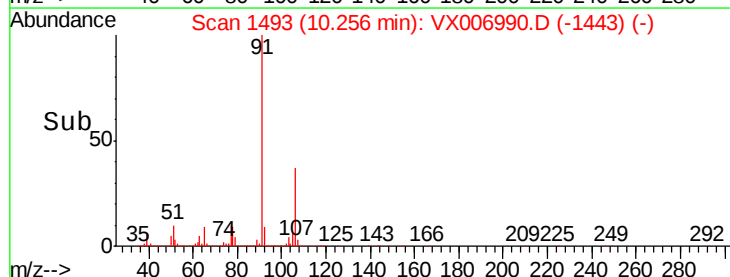
91 100

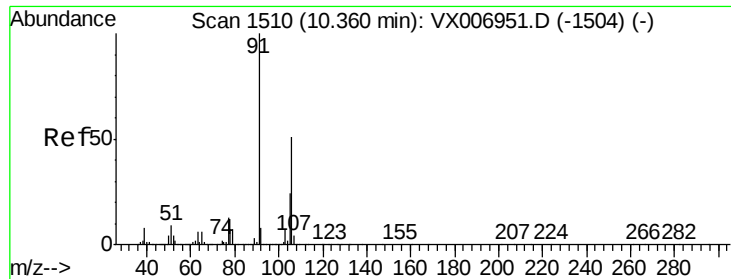
106 36.5 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

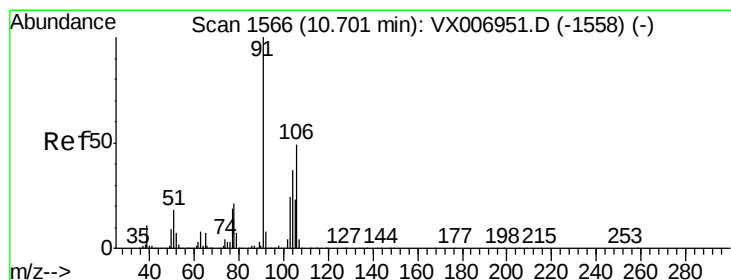
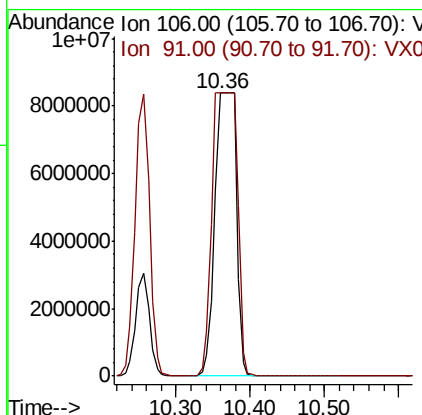
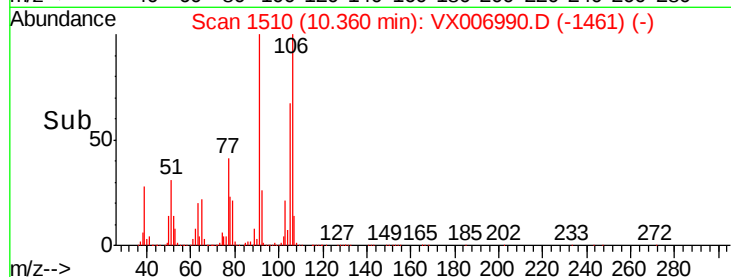
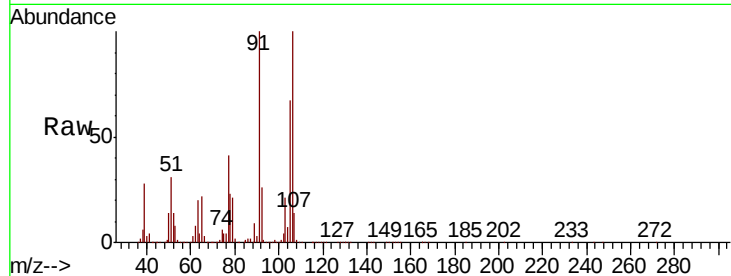




#68
m/p-Xylenes
Concen: 1335.971 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

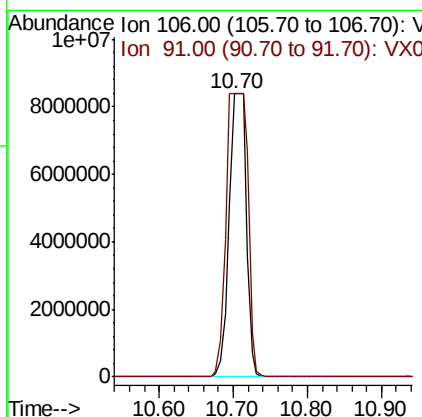
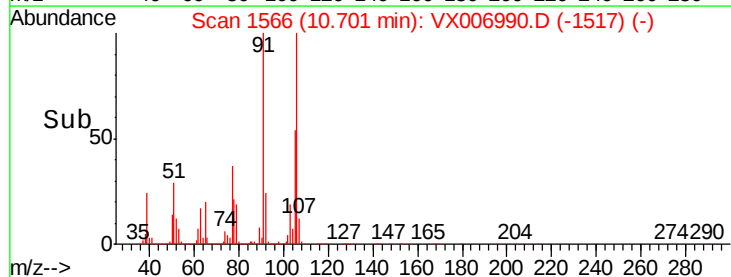
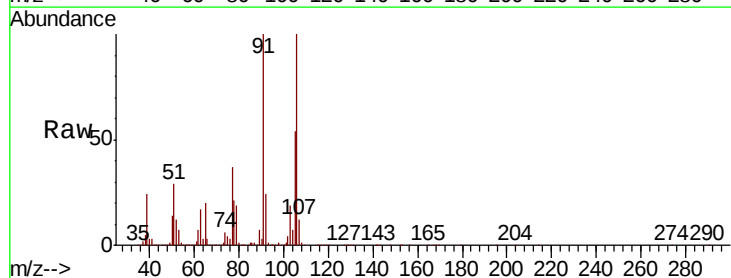
Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

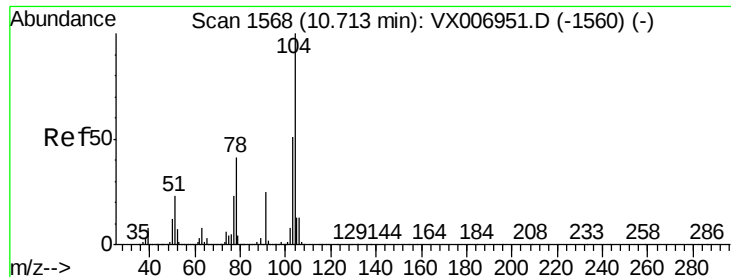
Tgt Ion:106 Resp:16623152
Ion Ratio Lower Upper
106 100
91 0.0 155.8 233.6#



#69
o-Xylene
Concen: 1120.067 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion:106 Resp:13591788
Ion Ratio Lower Upper
106 100
91 127.0 101.3 303.7





#70

Styrene

Concen: 46.519 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

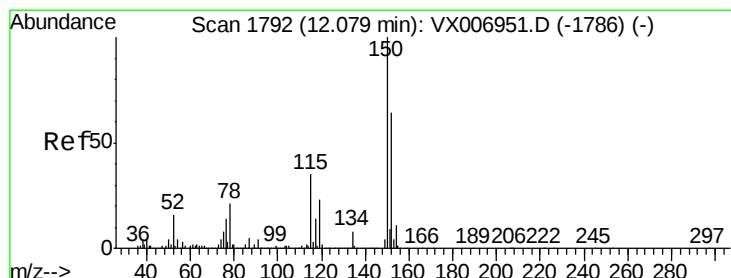
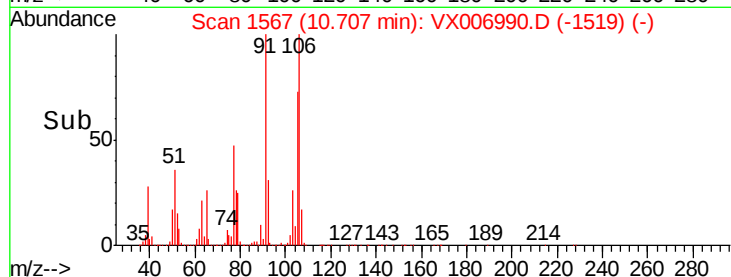
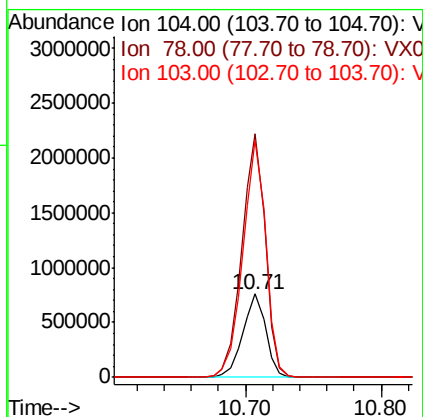
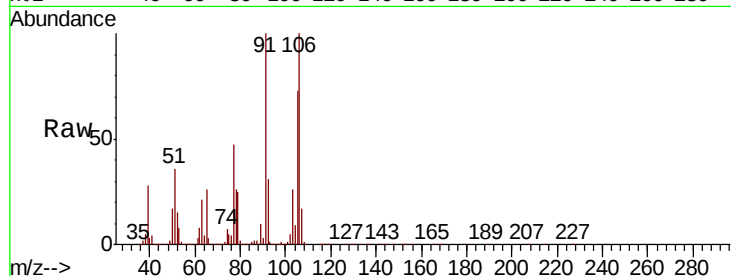
Tgt Ion:104 Resp: 894045

Ion Ratio Lower Upper

104 100

78 296.9 37.7 56.5#

103 283.9 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

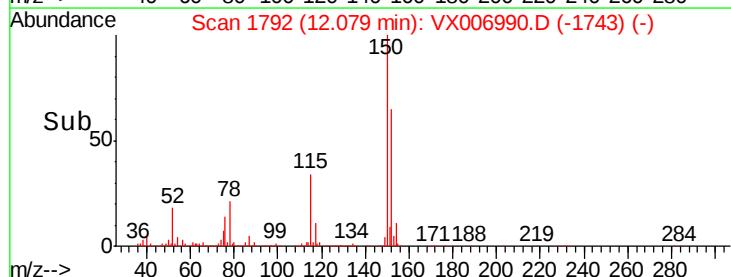
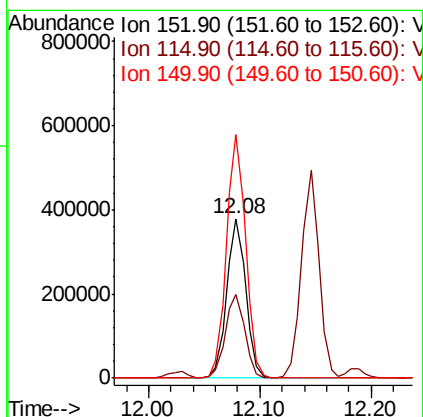
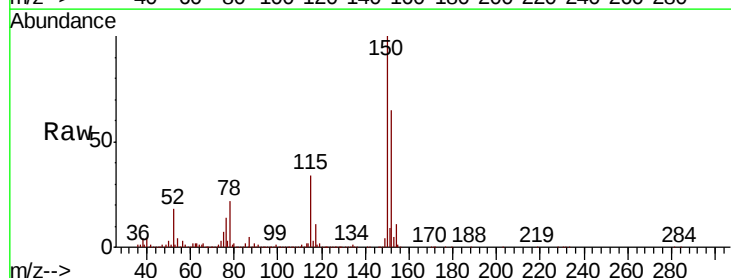
Tgt Ion:152 Resp: 445964

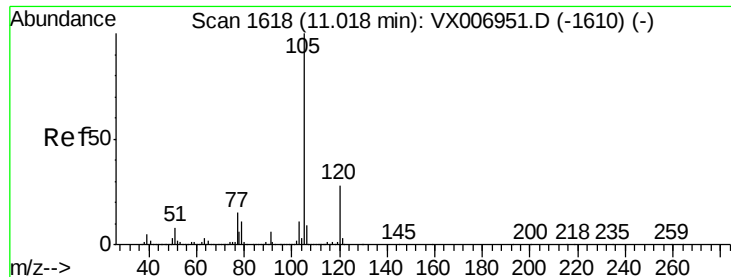
Ion Ratio Lower Upper

152 100

115 53.5 39.1 117.2

150 154.5 0.0 344.8





#73

Isopropylbenzene

Concen: 7.902 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

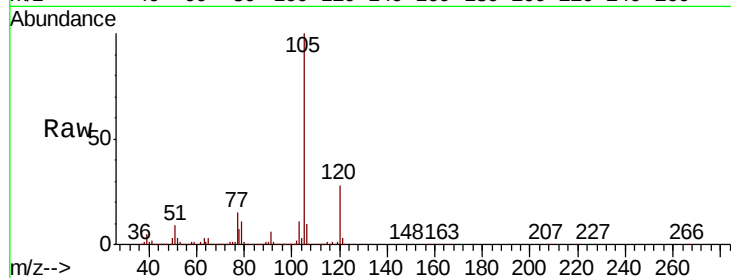
CROSSWICKS-DRUM-1

Tgt Ion: 105 Resp: 248496

Ion Ratio Lower Upper

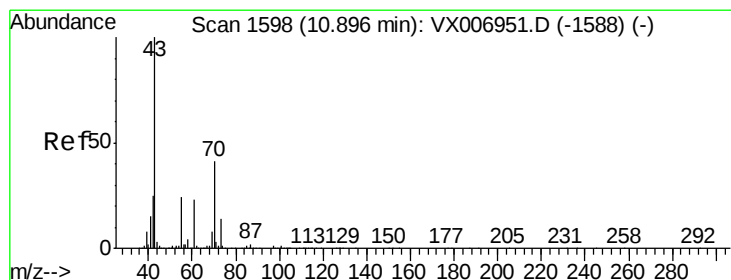
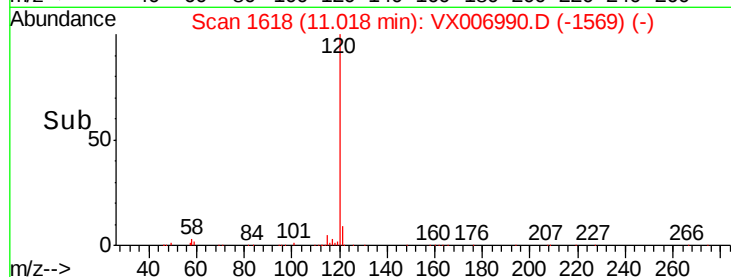
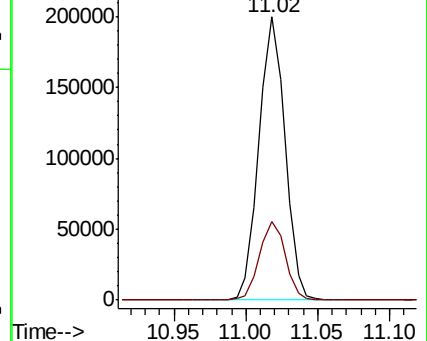
105 100

120 27.7 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: 7.645 ug/l

RT: 10.87 min Scan# 1594

Delta R.T. -0.02 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Tgt Ion: 43 Resp: 96788

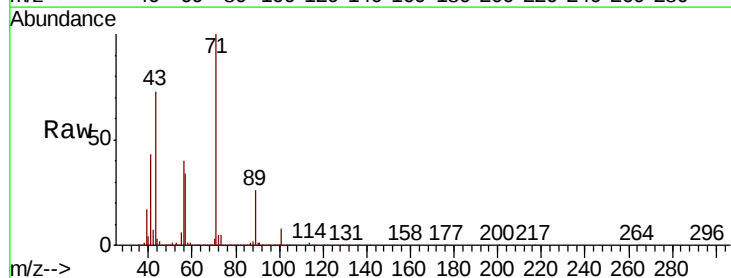
Ion Ratio Lower Upper

43 100

71 4.7 35.8 53.8#

55 7.5 19.4 29.0#

61 0.0 20.1 30.1#

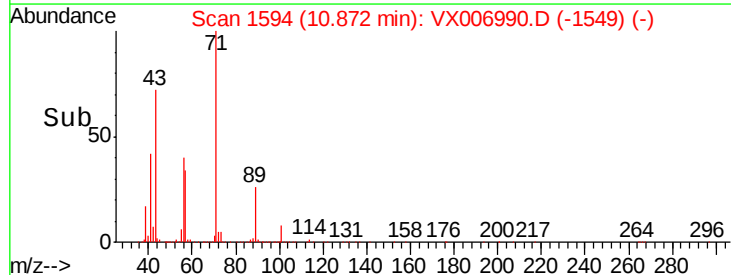
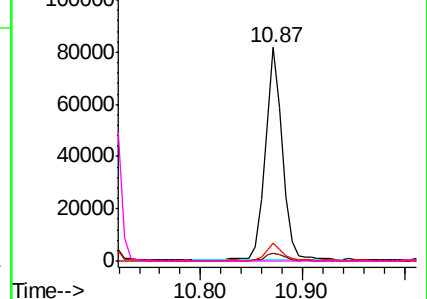


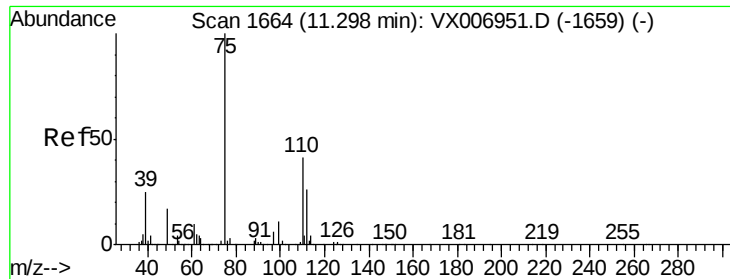
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 0.728 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

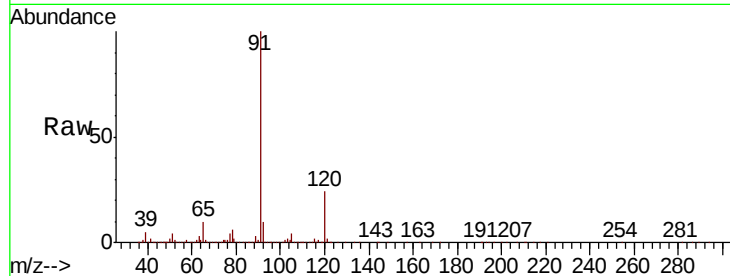
CROSSWICKS-DRUM-1

Tgt Ion: 75 Resp: 6582

Ion Ratio Lower Upper

75 100

77 625.8 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

800000

600000

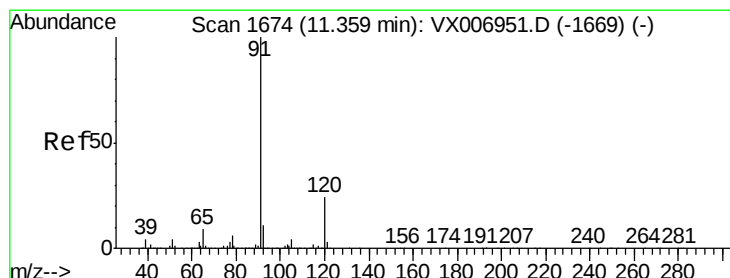
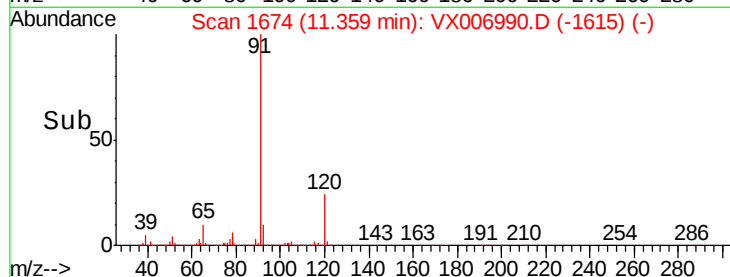
400000

200000

0

11.30 11.35 11.40

Time-->



#78

n-propylbenzene

Concen: 31.583 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006990.D

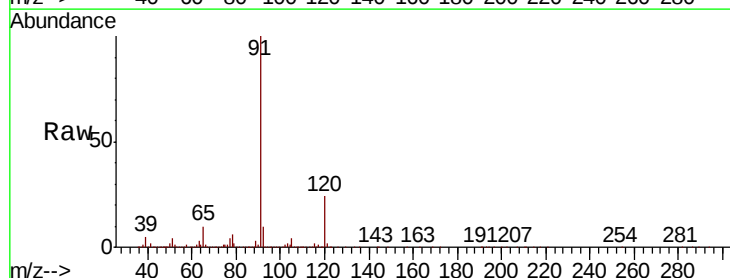
Acq: 10 Jan 2019 15:21

Tgt Ion: 91 Resp: 1090305

Ion Ratio Lower Upper

91 100

120 24.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

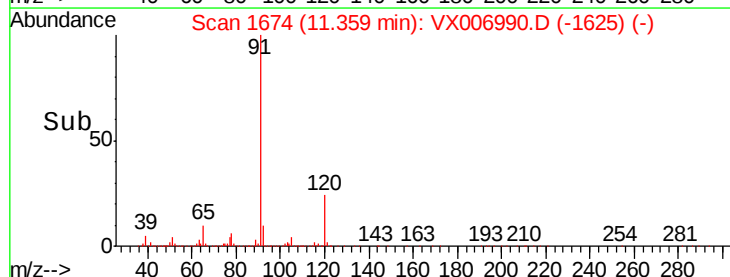
1000000

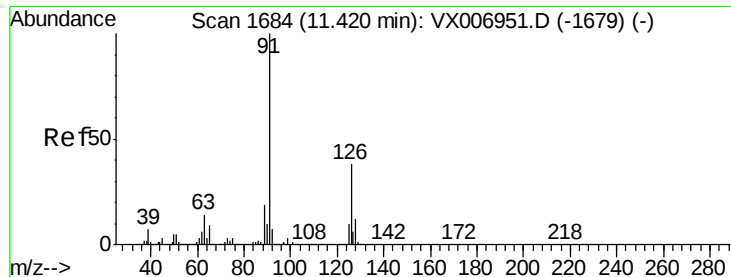
500000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 65.768 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

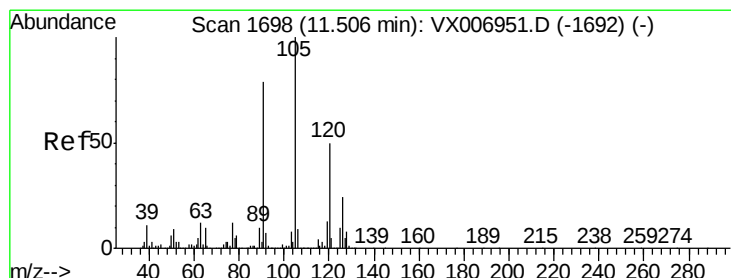
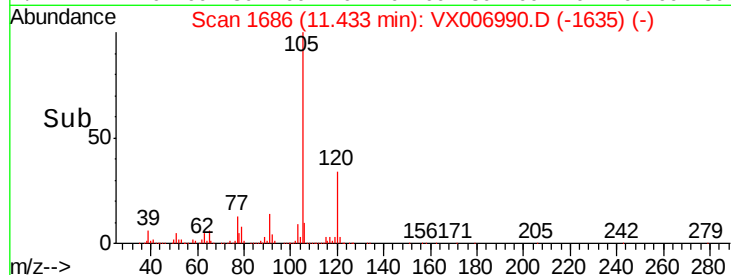
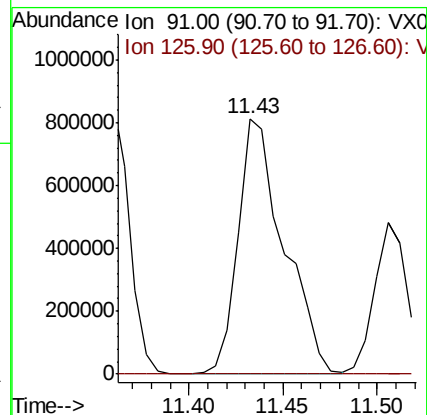
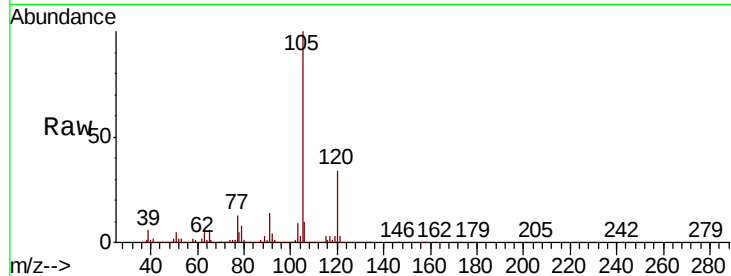
CROSSWICKS-DRUM-1

Tgt Ion: 91 Resp: 1366714

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 203.790 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006990.D

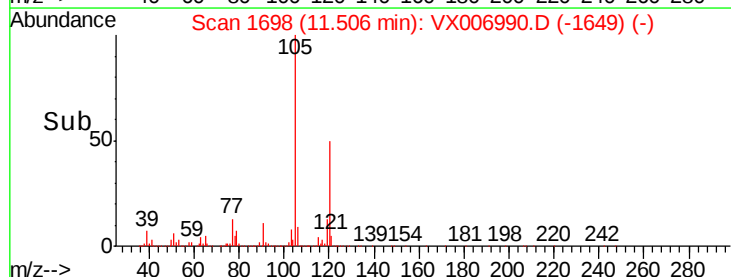
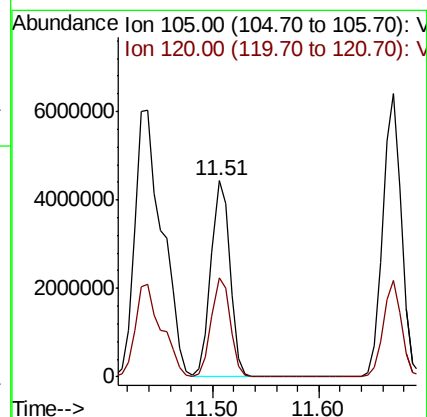
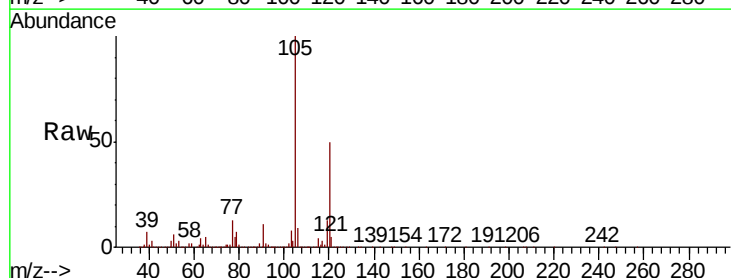
Acq: 10 Jan 2019 15:21

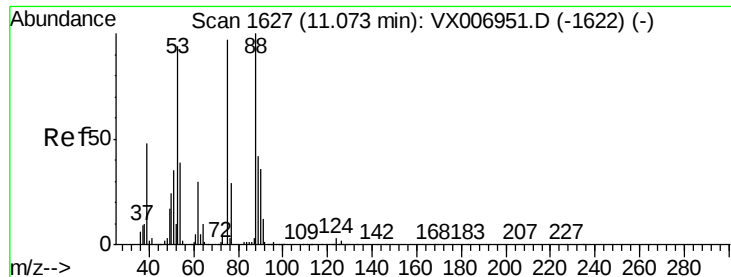
Tgt Ion: 105 Resp: 5354815

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3

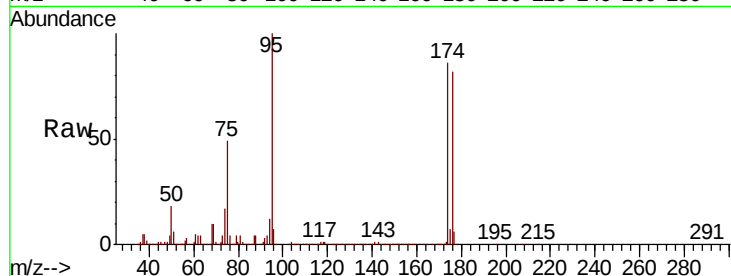




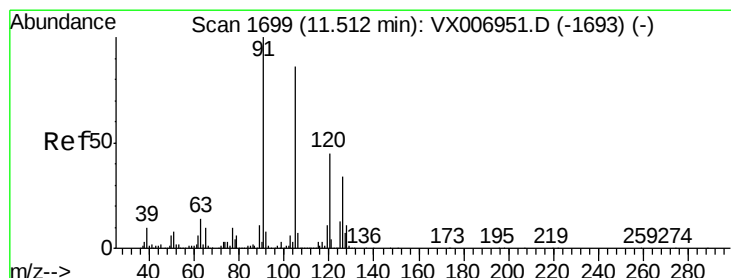
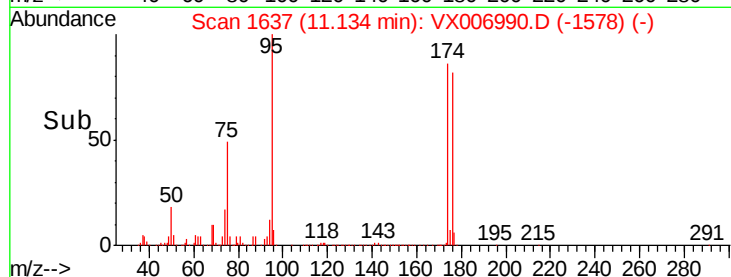
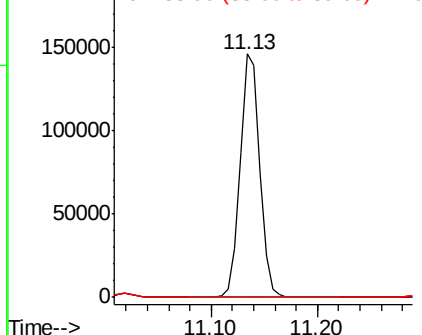
#81
trans-1,4-Dichloro-2-butene
Concen: 61.917 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Instrument :
MSVOA_X
ClientSampleId :
CROSSWICKS-DRUM-1

Tgt Ion: 75 Resp: 188338
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.0 38.0 57.0#

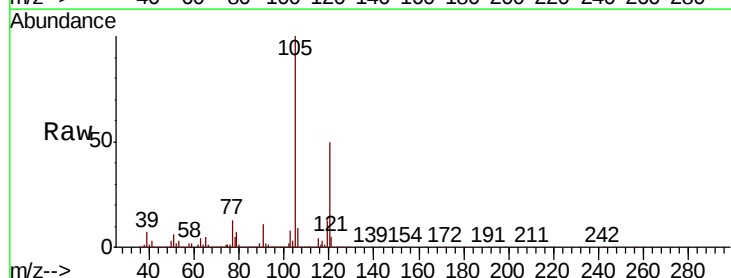


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

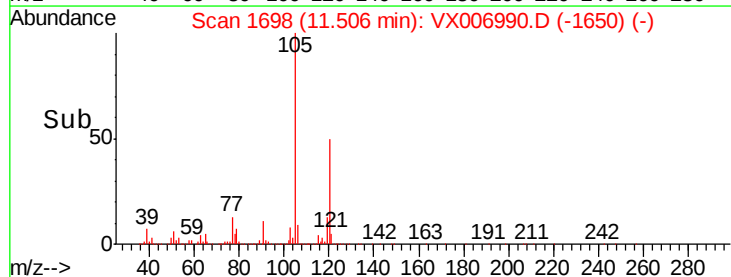
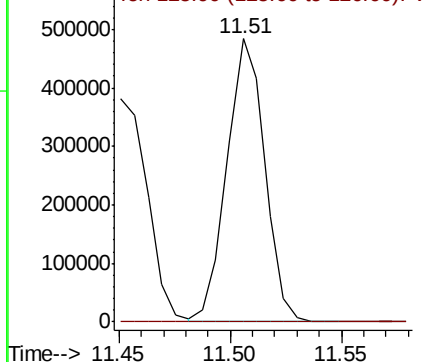


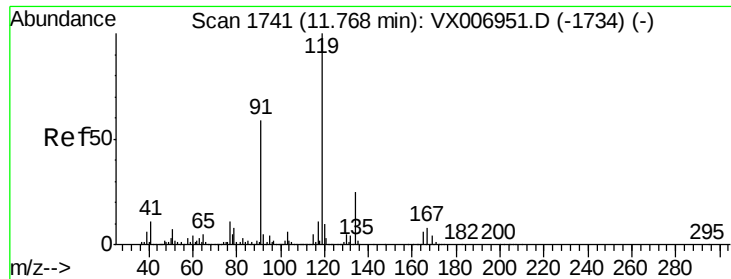
#82
4-Chlorotoluene
Concen: 23.773 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006990.D
Acq: 10 Jan 2019 15:21

Tgt Ion: 91 Resp: 571990
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

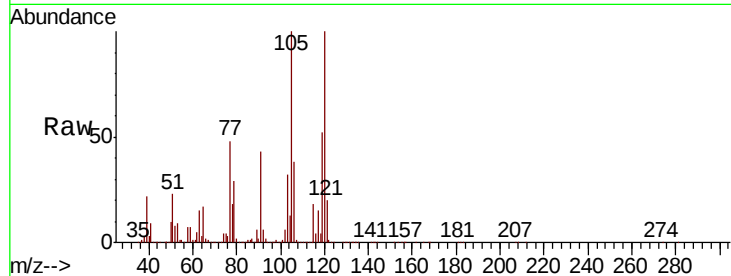




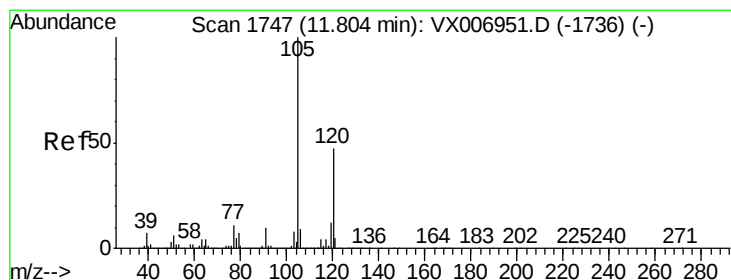
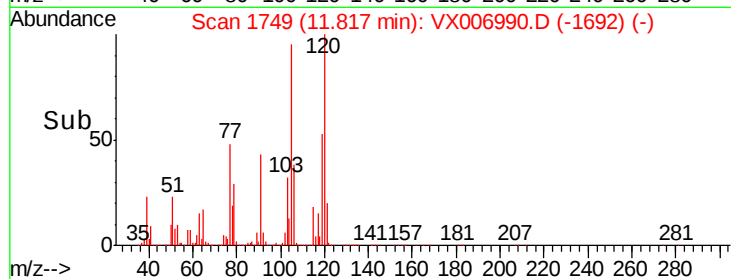
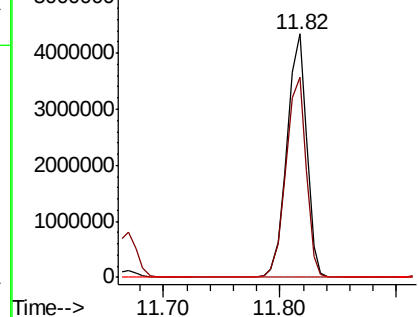
#83
 tert-Butylbenzene
 Concen: 192.365 ug/l
 RT: 11.82 min Scan# 1749
 Delta R.T. 0.05 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion:119 Resp: 5043097
 Ion Ratio Lower Upper
 119 100
 91 84.3 27.7 83.1#
 134 0.0 11.9 35.5#

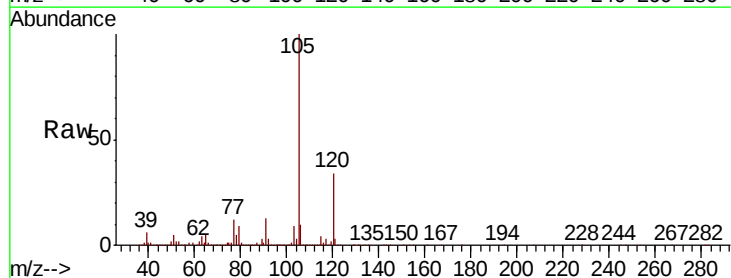


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

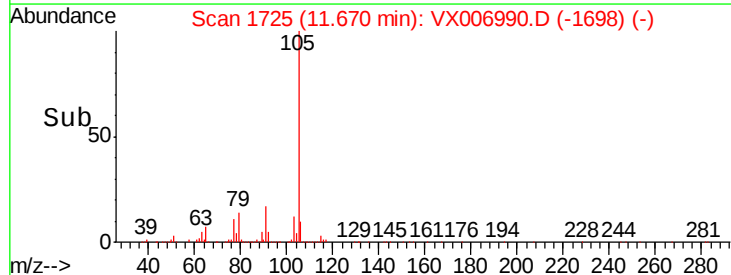
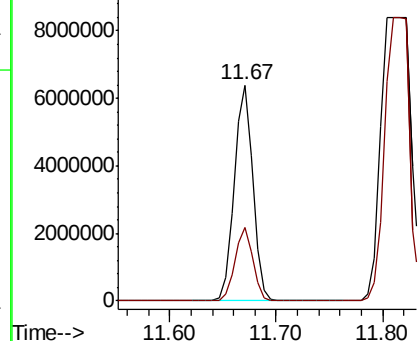


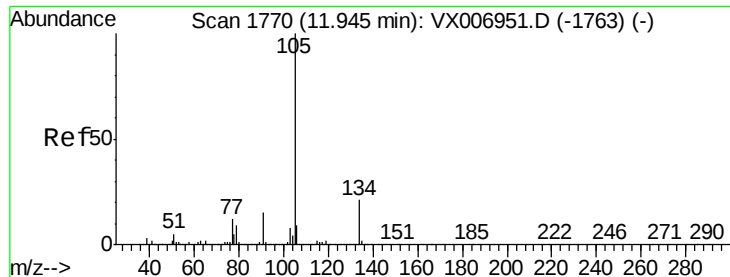
#84
 1,2,4-Trimethylbenzene
 Concen: 295.670 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. -0.13 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

Tgt Ion:105 Resp: 7812456
 Ion Ratio Lower Upper
 105 100
 120 33.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

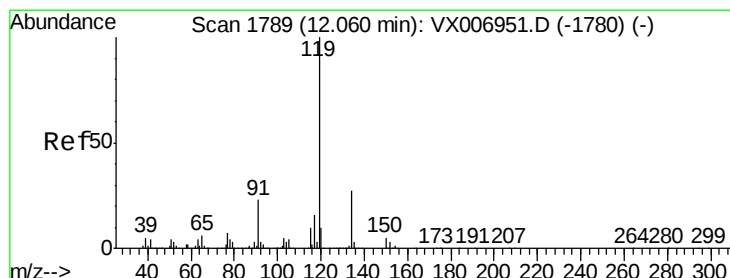
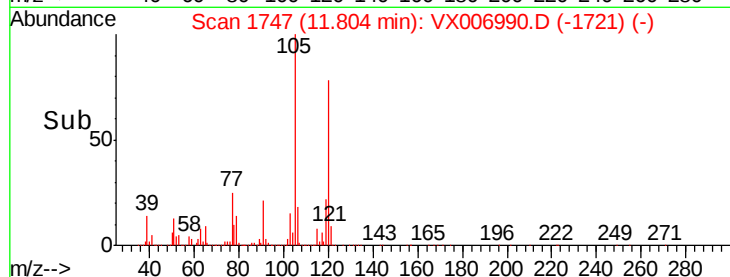
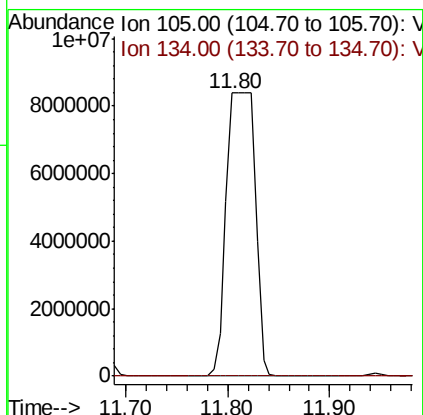
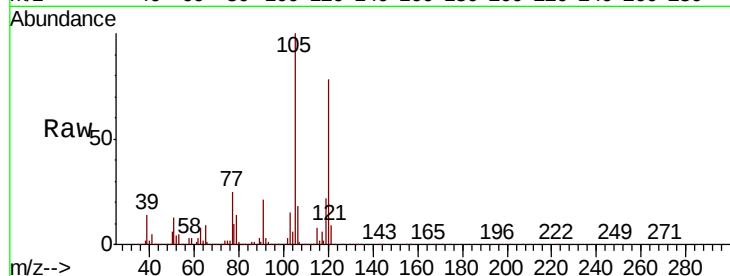




#85
 sec-Butylbenzene
 Concen: 522.990 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

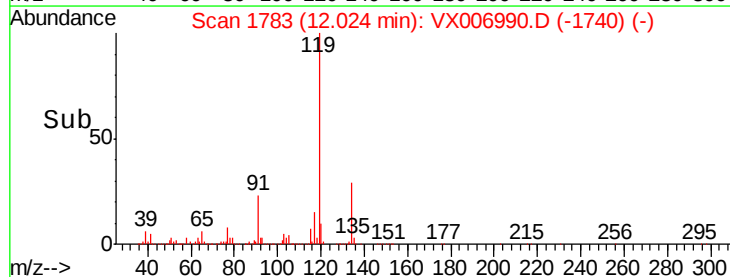
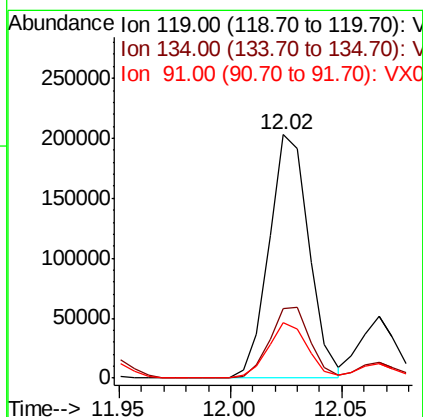
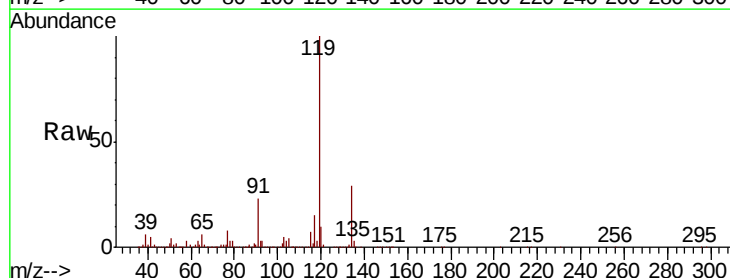
Instrument :
 MSVOA_X
 ClientSampleId :
 CROSSWICKS-DRUM-1

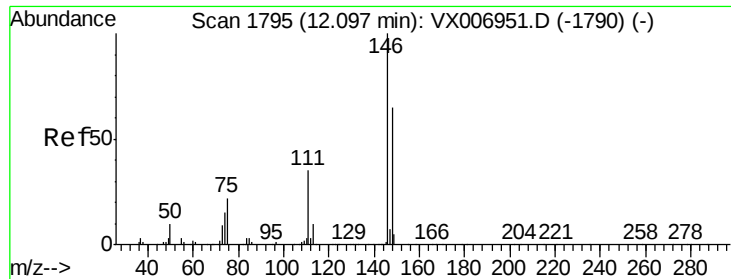
Tgt Ion:105 Resp:16374545
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#



#86
 p-Isopropyltoluene
 Concen: 8.994 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

Tgt Ion:119 Resp: 251870
 Ion Ratio Lower Upper
 119 100
 134 29.6 14.0 41.9
 91 0.0 11.3 33.9#

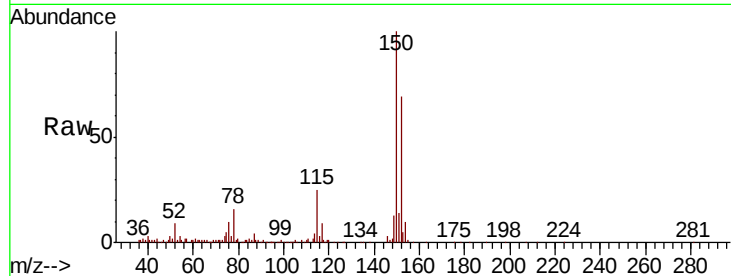




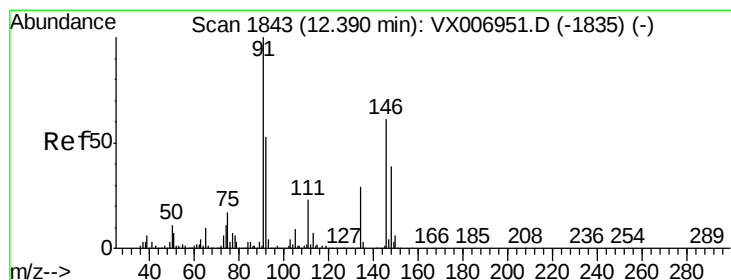
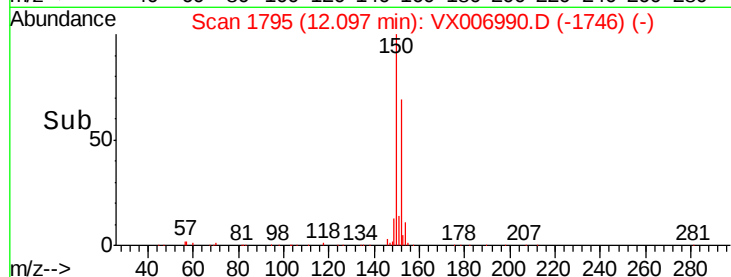
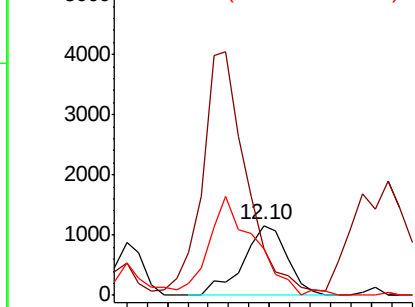
#88
 1,4-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion:146 Resp: 1742
 Ion Ratio Lower Upper
 146 100
 111 353.8 18.1 54.1#
 148 149.2 31.9 95.9#

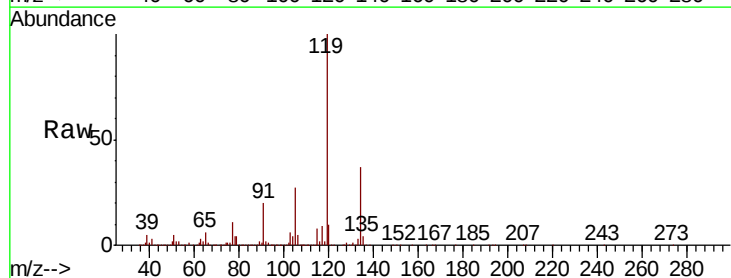


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

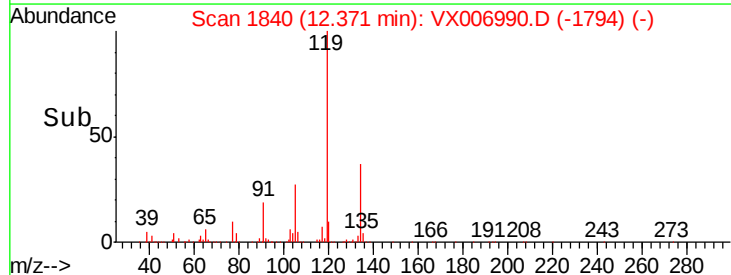
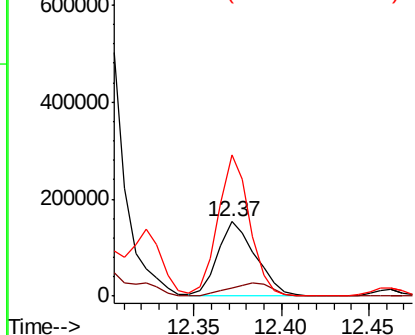


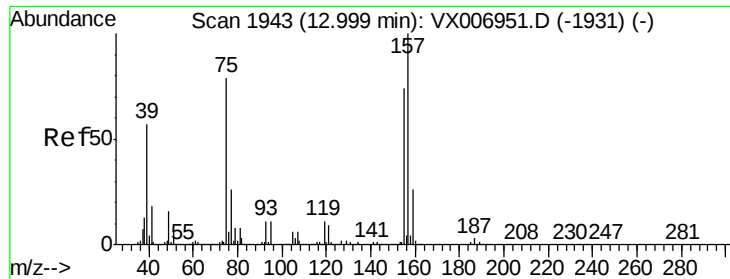
#89
 n-Butylbenzene
 Concen: 9.559 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: VX006990.D
 Acq: 10 Jan 2019 15:21

Tgt Ion: 91 Resp: 228210
 Ion Ratio Lower Upper
 91 100
 92 20.7 26.8 80.4#
 134 160.6 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





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.257 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Instrument :

MSVOA_X

ClientSampleId :

CROSSWICKS-DRUM-1

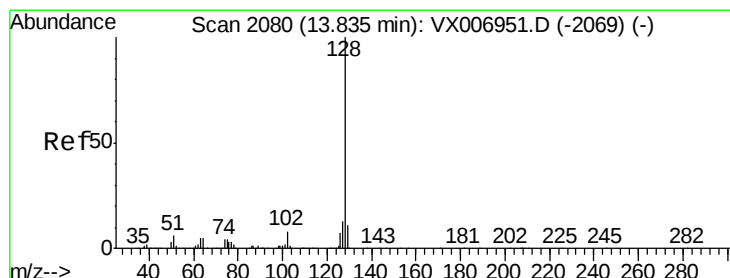
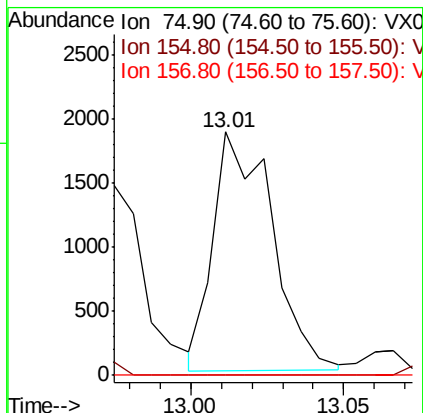
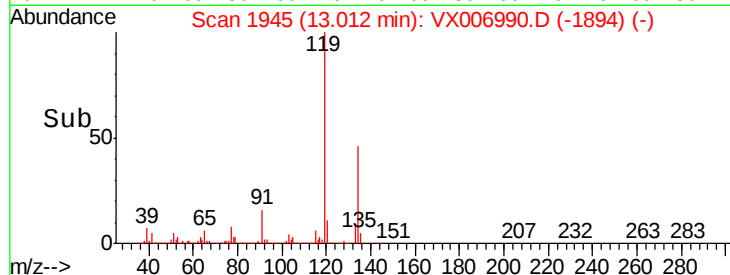
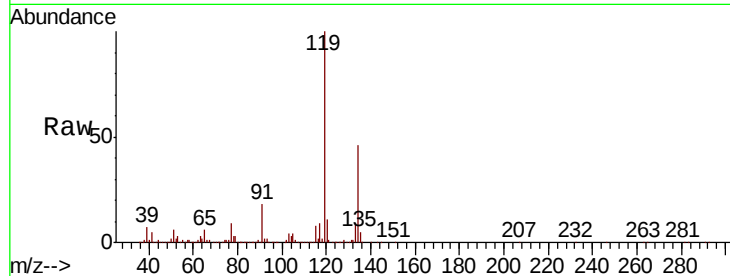
Tgt Ion: 75 Resp: 2481

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.0 64.6 193.8#



#95

Naphthalene

Concen: 6.848 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006990.D

Acq: 10 Jan 2019 15:21

Tgt Ion: 128 Resp: 220022

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.2 8.6 13.0

