

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006838.D
 Acq On : 27 Dec 2018 13:22
 Operator : JC/MD
 Sample : J6571-05 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:19:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	701238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1024046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	953379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	490847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	347005	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.51	113	307131	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.71	98	1218380	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	446926	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	2391	Below Cal	94
11) Tert butyl alcohol	3.07	59	2738	1.623 ug/l #	72
13) Acrolein	2.31	56	772	0.678 ug/l #	13
15) Acrylonitrile	3.16	53	1104	0.295 ug/l #	26
16) Acetone	2.45	43	30220	8.703 ug/l	92
18) Methyl Acetate	2.78	43	8138	0.797 ug/l	93
20) Methylene Chloride	2.86	84	48983	6.822 ug/l	98
25) 2-Butanone	4.70	43	7038	1.441 ug/l	93
28) Bromochloromethane	5.01	49	159	Below Cal #	4
31) Cyclohexane	5.58	56	31738	3.033 ug/l	98
36) 1,1-Dichloropropene	5.67	75	43084	5.080 ug/l #	49
38) Carbon Tetrachloride	5.66	117	62717	7.609 ug/l #	15
39) Methylcyclohexane	7.46	83	35975	3.222 ug/l	95
49) 1,4-Dioxane	7.77	88	59	Below Cal #	1
51) 4-Methyl-2-Pentanone	8.65	43	3329	0.390 ug/l	92
52) Toluene	8.78	92	37417	2.247 ug/l	100
59) 2-Hexanone	9.50	43	1919	0.293 ug/l	69
60) Dibromochloromethane	9.52	129	42	2.330 ug/l	81
67) Ethyl Benzene	10.25	91	570458	17.308 ug/l	99
68) m/p-Xylenes	10.36	106	635687	48.879 ug/l	100
69) o-Xylene	10.69	106	75620	5.888 ug/l	97
70) Styrene	10.70	104	4296	0.211 ug/l #	1
73) Isopropylbenzene	11.02	105	46030	1.371 ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	213200	23.372 ug/l #	40
78) n-propylbenzene	11.36	91	206376	5.581 ug/l	97
79) 2-Chlorotoluene	11.43	91	72826	3.250 ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	326636	11.810 ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	213200	69.339 ug/l #	10
82) 4-Chlorotoluene	11.51	91	33647	1.309 ug/l #	43
83) tert-Butylbenzene	11.80	119	157378	5.685 ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	1283446	44.117 ug/l	99
85) sec-Butylbenzene	11.80	105	1283446	37.816 ug/l #	55
86) p-Isopropyltoluene	12.06	119	7242	0.243 ug/l #	74
89) n-Butylbenzene	12.37	91	58821	2.317 ug/l #	12

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

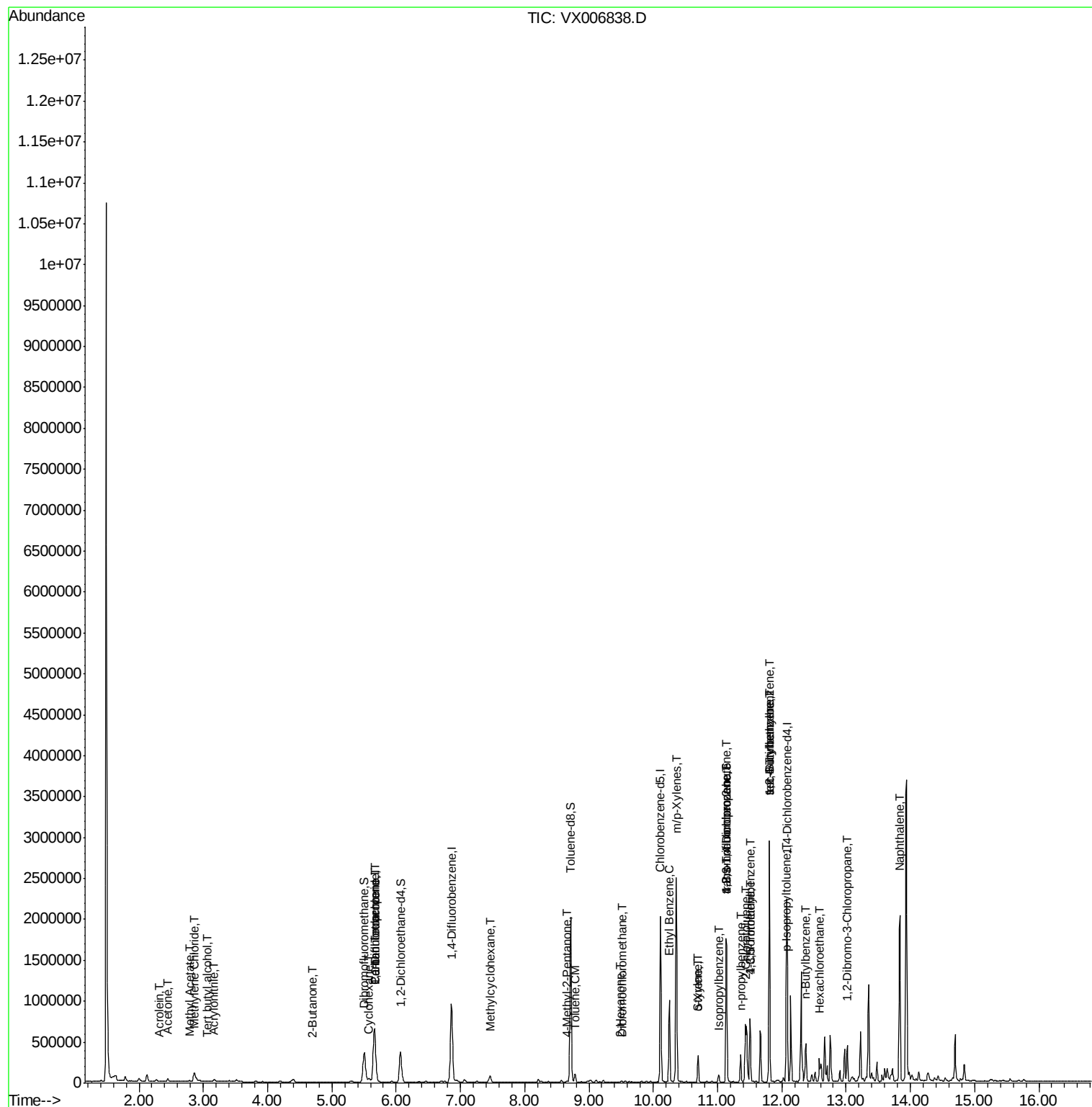
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	20645	7.424	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1581	0.765	ug/l #	1
95) Naphthalene	13.83	128	1303394	36.171	ug/l	99

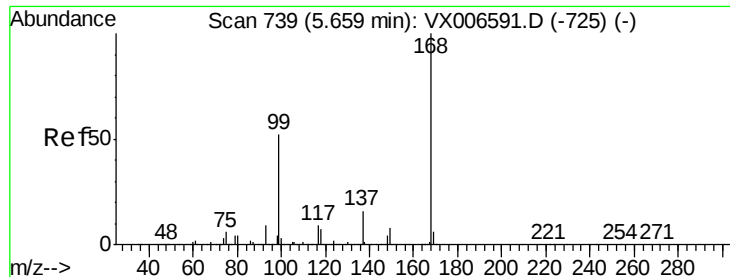
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

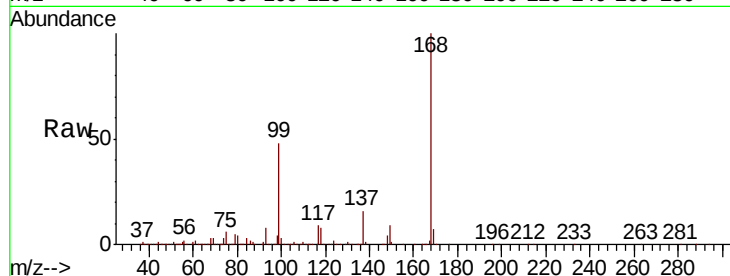
ClientSampleId :

Tot Ion:168 Resp: 701238

Ion Ratio Lower Upper

168 100

99 48.1 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

250000

200000

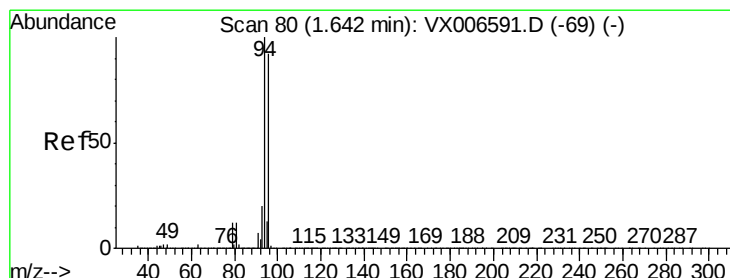
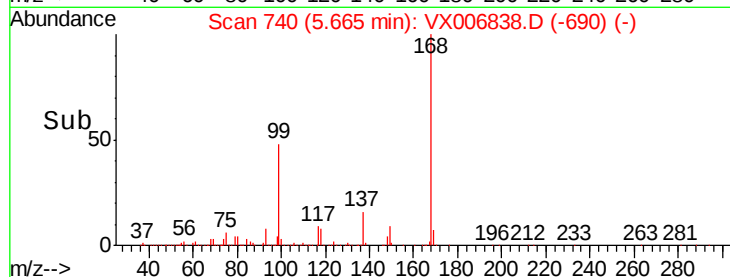
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006838.D

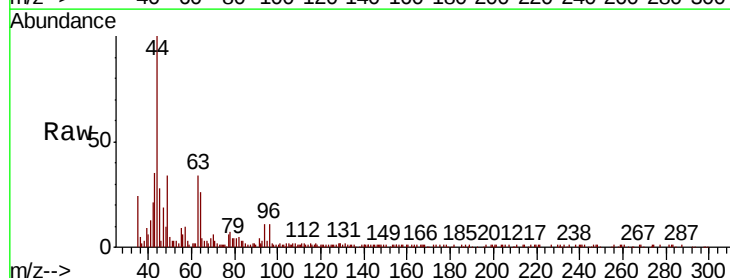
Acq: 27 Dec 2018 13:22

Tgt Ion: 94 Resp: 2391

Ion Ratio Lower Upper

94 100

96 97.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

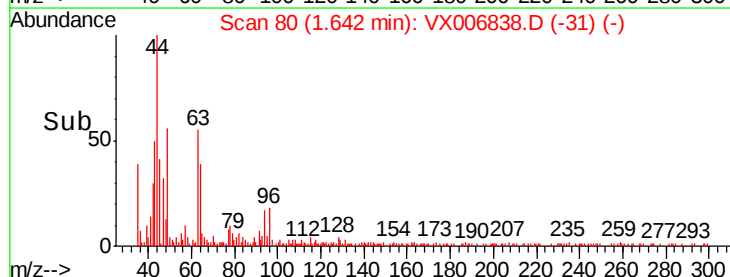
1500

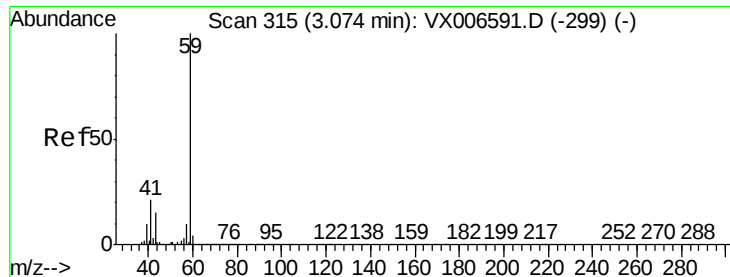
1000

500

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Time-->



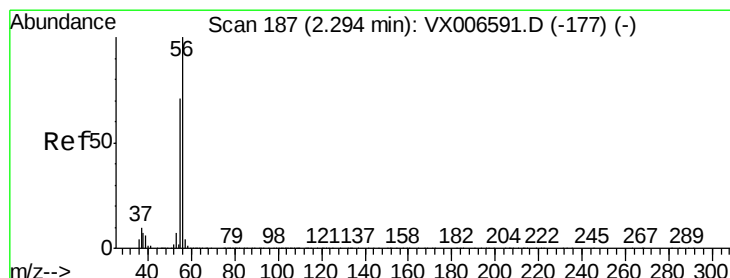
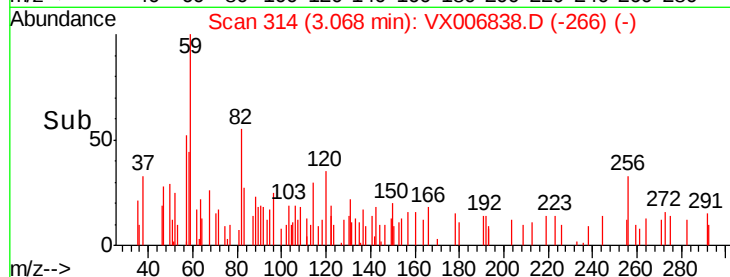
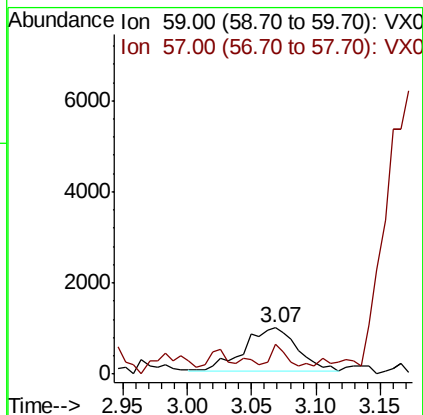
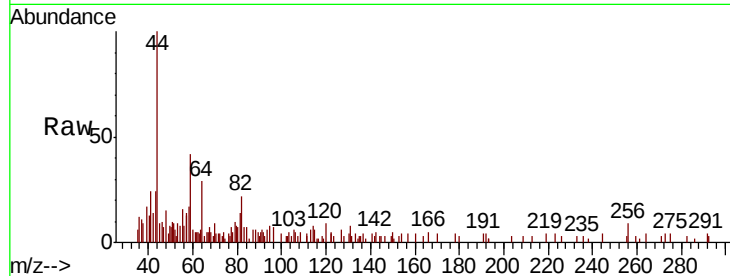


#11

Tert butyl alcohol
Concen: 1.623 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

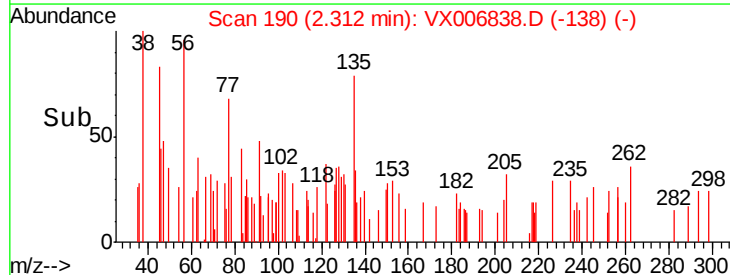
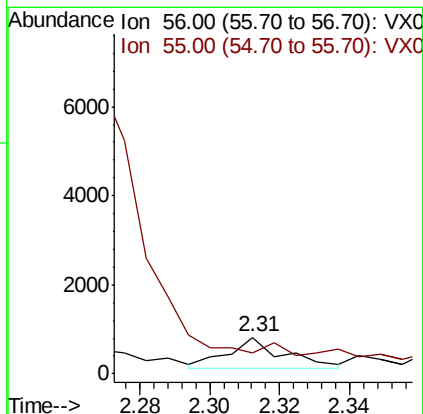
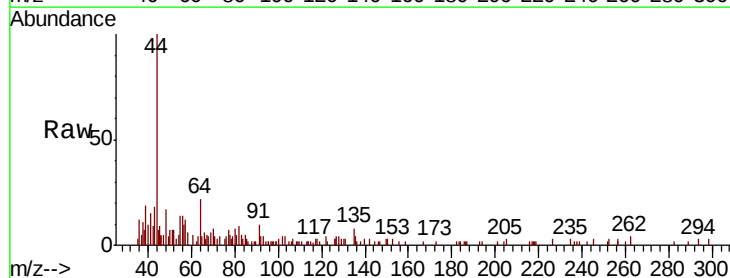
Tot Ion: 59 Resp: 2738
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

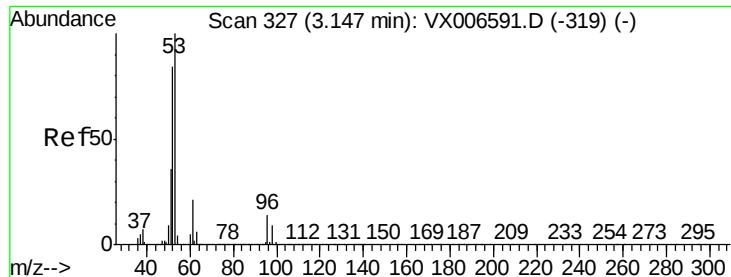


#13

Acrolein
Concen: 0.678 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Tgt Ion: 56 Resp: 772
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#





#15

Acrylonitrile

Concen: 0.295 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

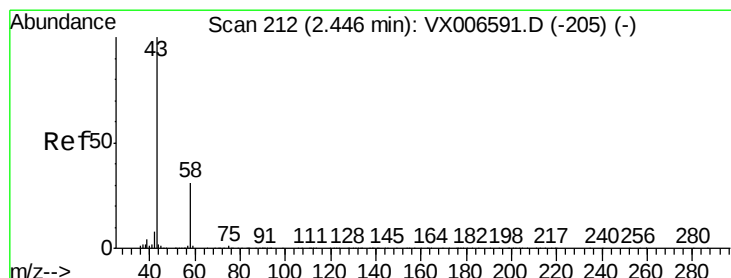
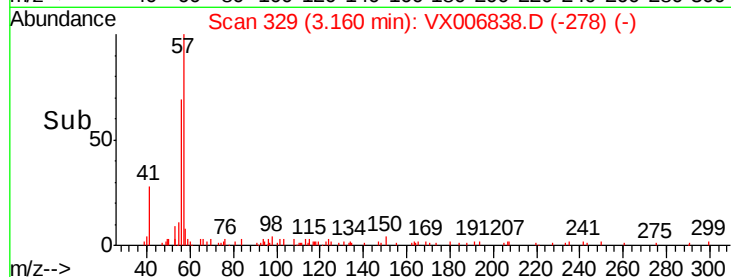
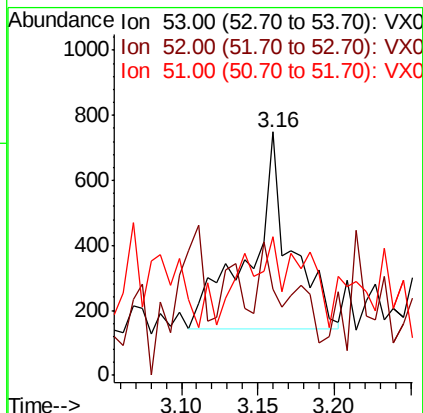
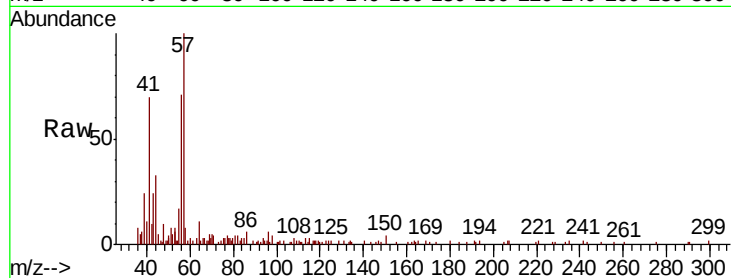
Tot Ion: 53 Resp: 1104

Ion Ratio Lower Upper

53 100

52 10.4 66.0 99.0#

51 0.0 28.6 42.8#



#16

Acetone

Concen: 8.703 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006838.D

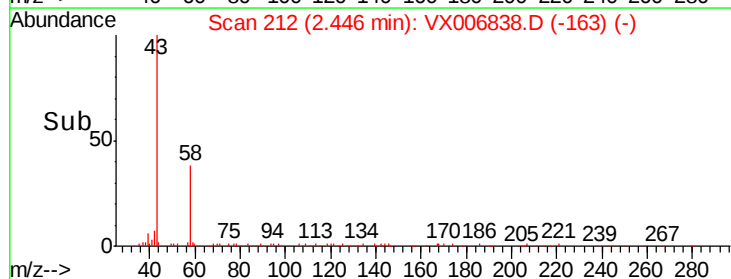
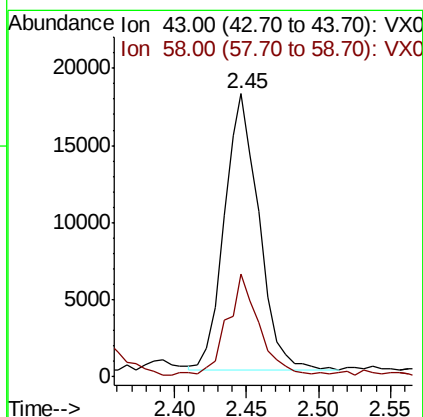
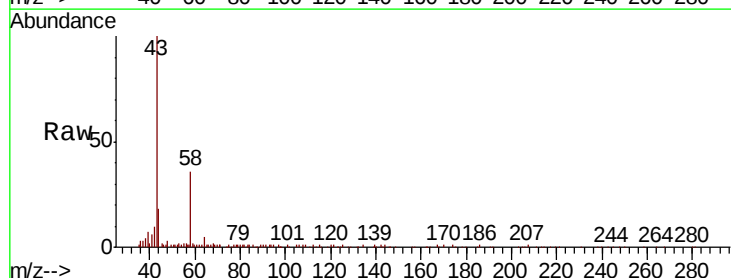
Acq: 27 Dec 2018 13:22

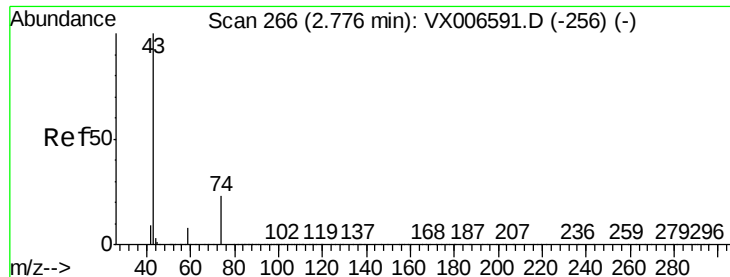
Tgt Ion: 43 Resp: 30220

Ion Ratio Lower Upper

43 100

58 35.6 25.0 37.6

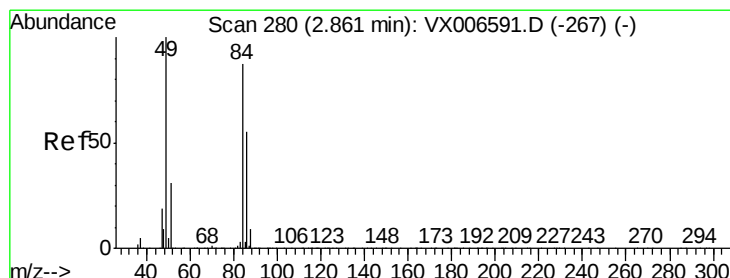
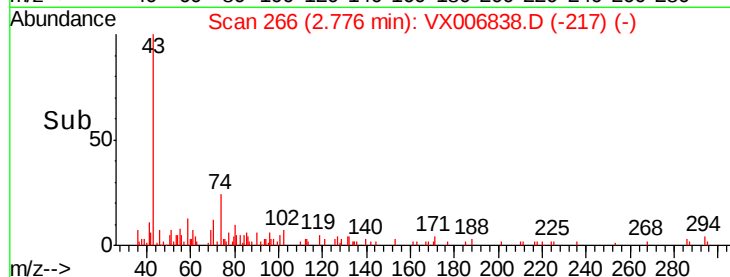
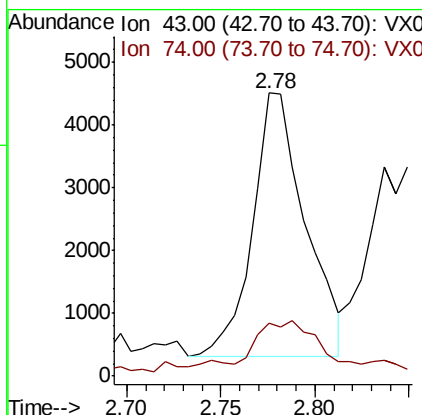
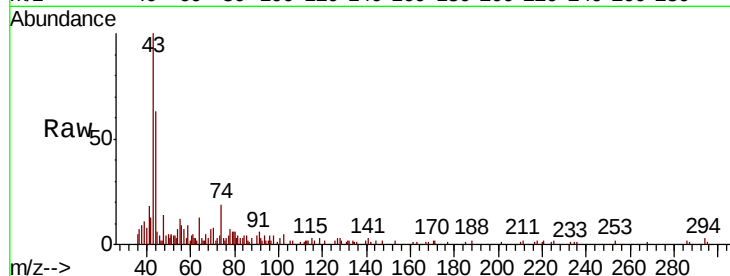




#18
Methyl Acetate
Concen: 0.797 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

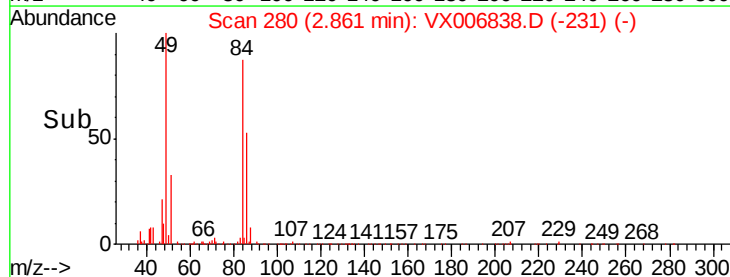
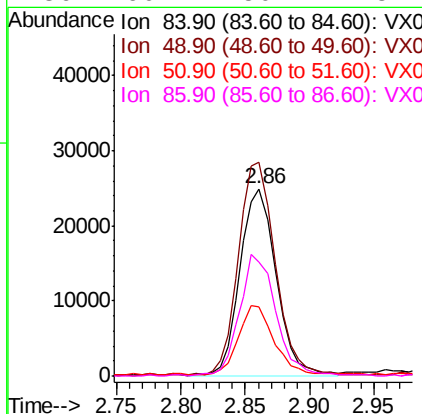
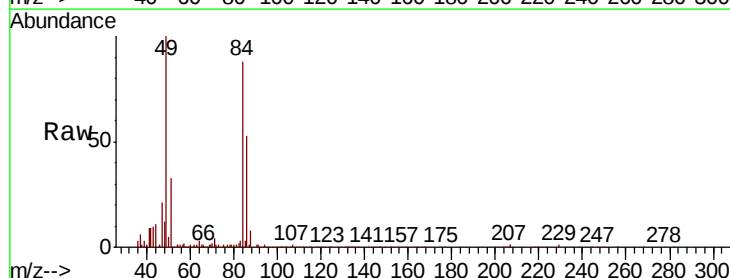
Instrument :
MSVOA_X
ClientSampled :

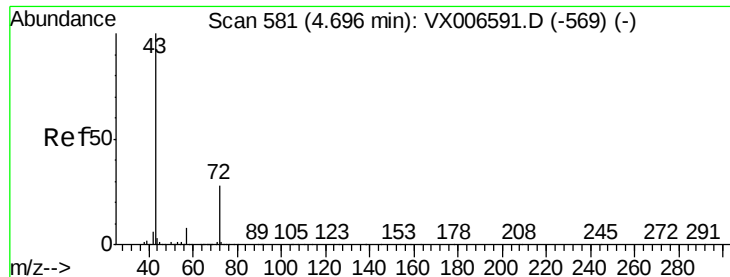
Tot Ion: 43 Resp: 8138
Ion Ratio Lower Upper
43 100
74 26.7 18.6 28.0



#20
Methylene Chloride
Concen: 6.822 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Tgt Ion: 84 Resp: 48983
Ion Ratio Lower Upper
84 100
49 113.4 91.8 137.6
51 36.3 28.5 42.7
86 60.7 50.2 75.2





#25

2-Butanone

Concen: 1.441 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

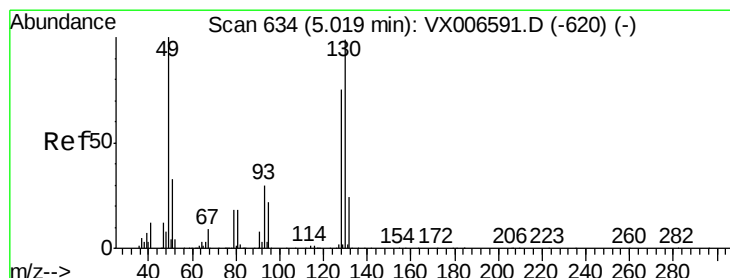
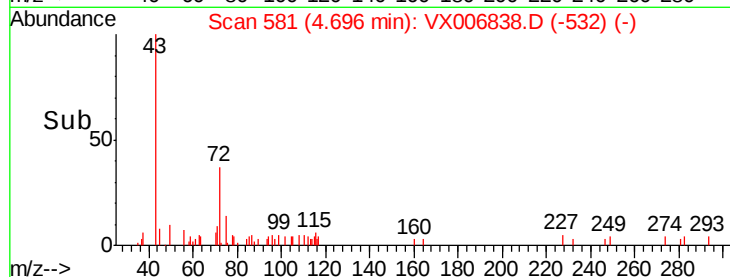
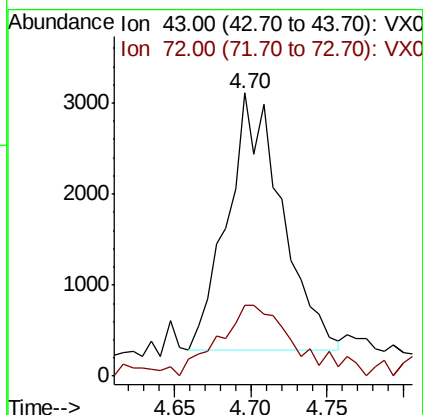
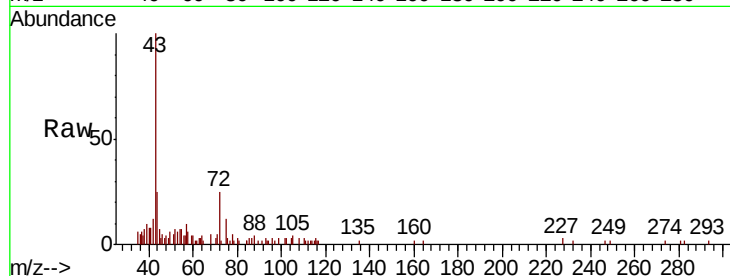
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 7038

Ion Ratio Lower Upper

43 100

72 24.2 22.4 33.6



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

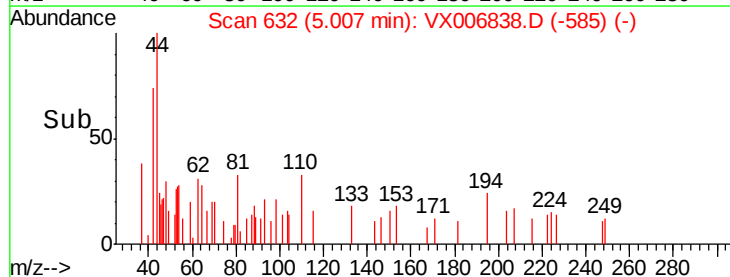
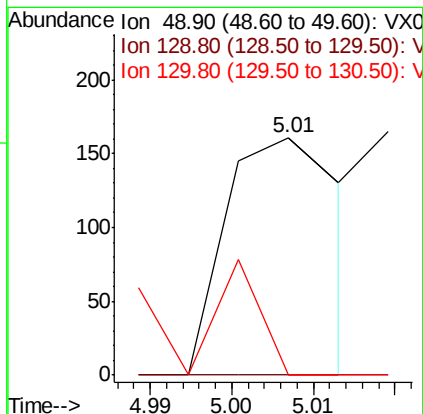
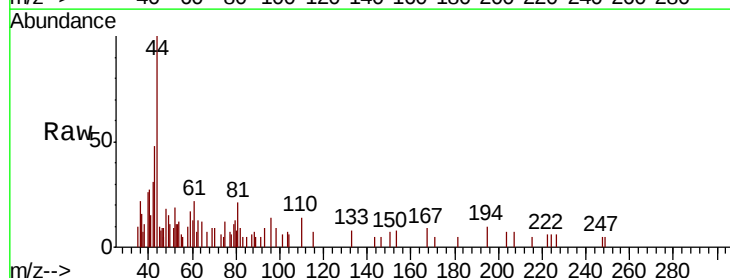
Tgt Ion: 49 Resp: 159

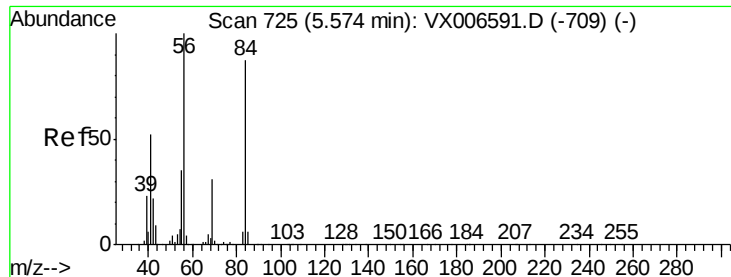
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

130 0.0 77.7 116.5#

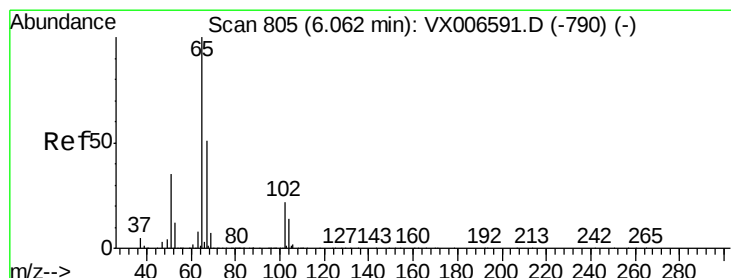
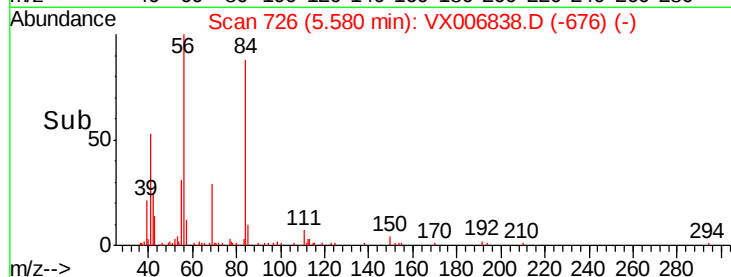
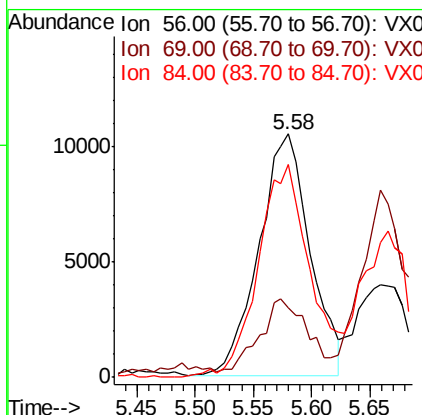
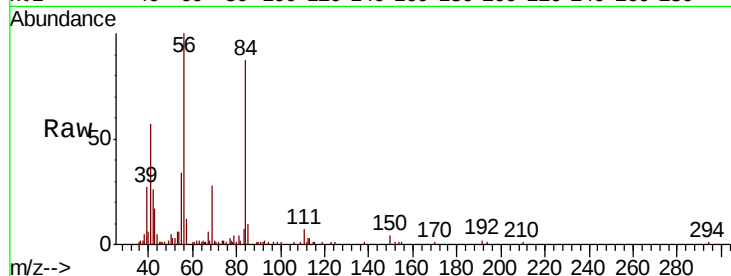




#31
Cyclohexane
Concen: 3.033 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

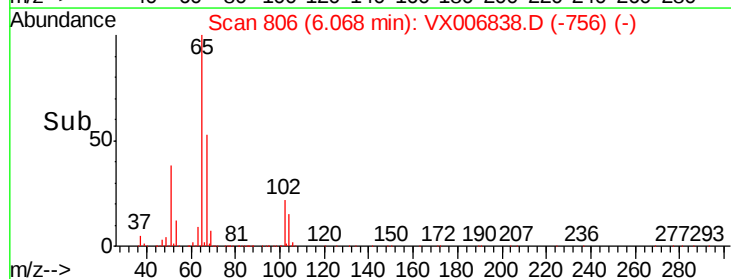
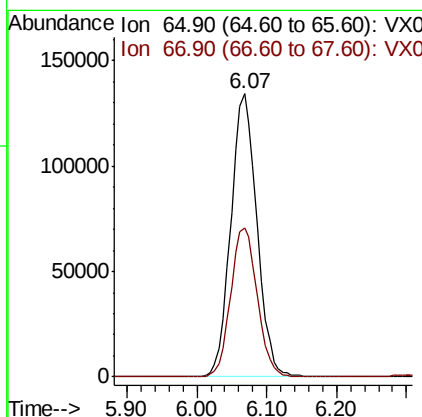
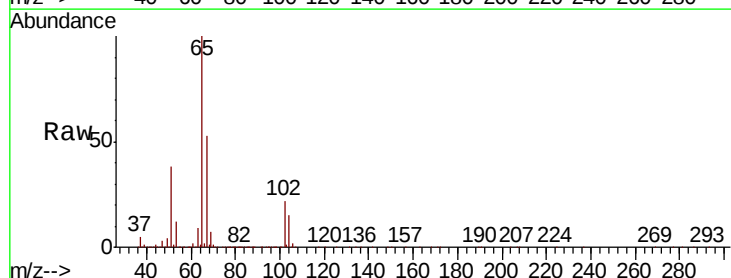
Instrument :
MSVOA_X
ClientSampleId :

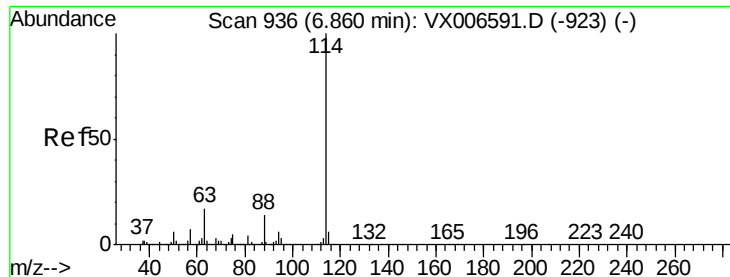
Tot Ion: 56 Resp: 31738
Ion Ratio Lower Upper
56 100
69 25.6 24.4 36.6
84 87.4 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 45.914 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Tgt Ion: 65 Resp: 347005
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

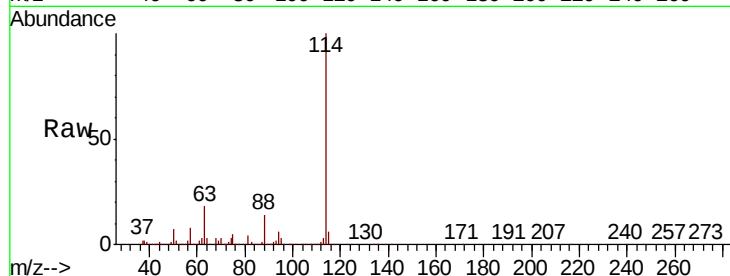
Tot Ion:114 Resp: 1024046

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

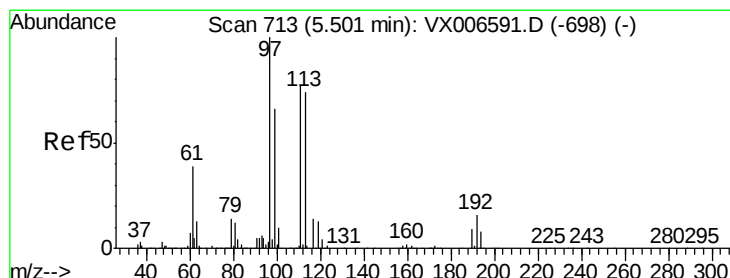
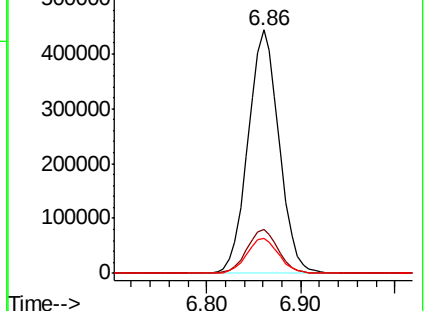
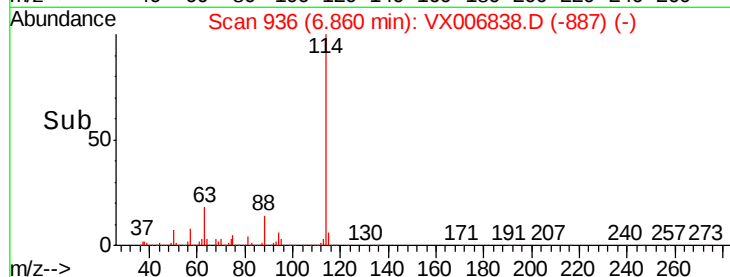
88 14.2 0.0 28.8



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: 47.427 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

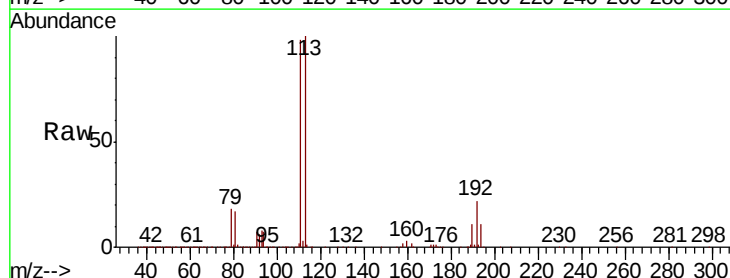
Tgt Ion:113 Resp: 307131

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

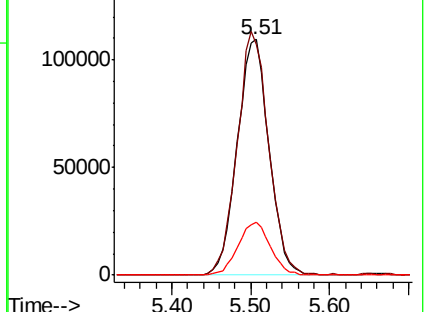
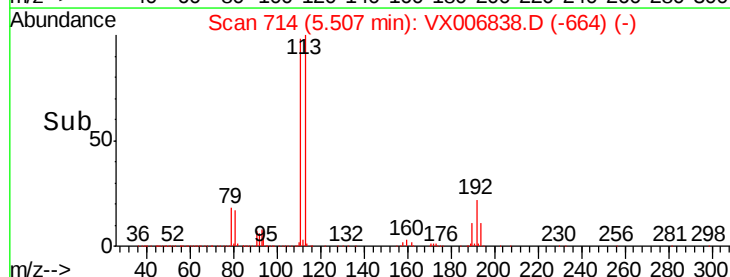
192 22.9 16.7 25.1

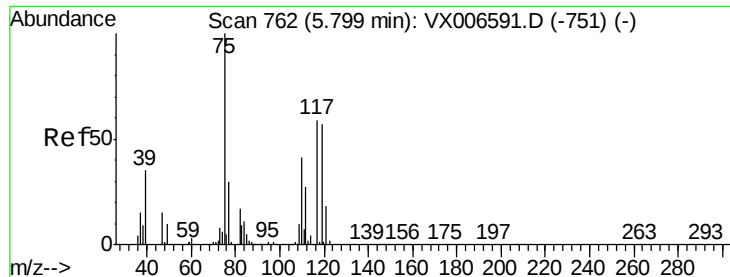


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

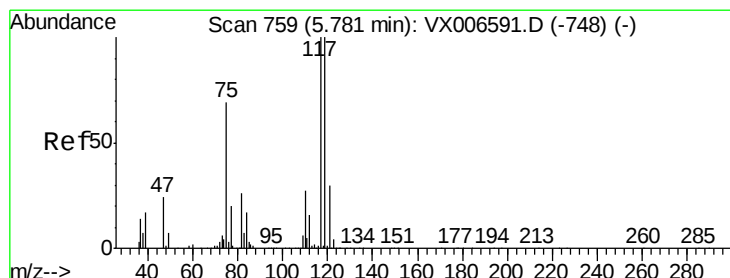
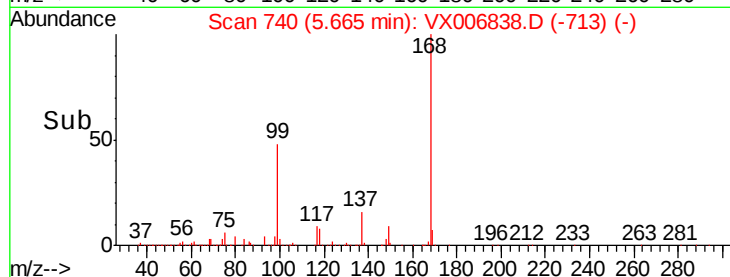
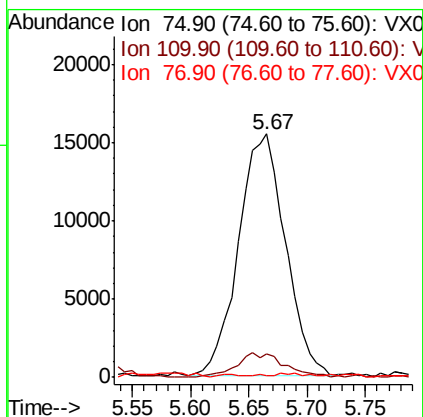
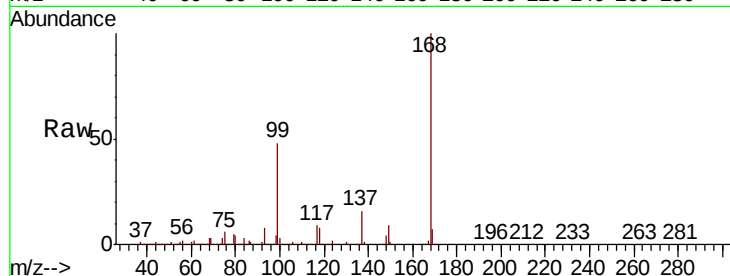




#36
 1,1-Dichloropropene
 Concen: 5.080 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

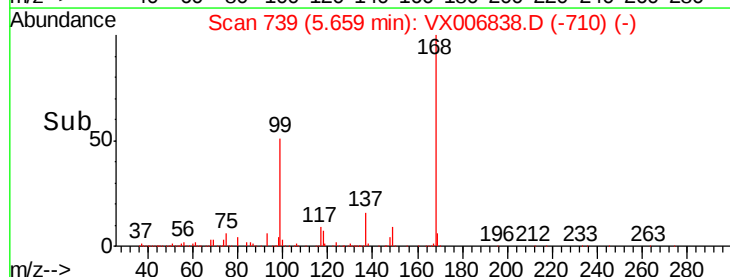
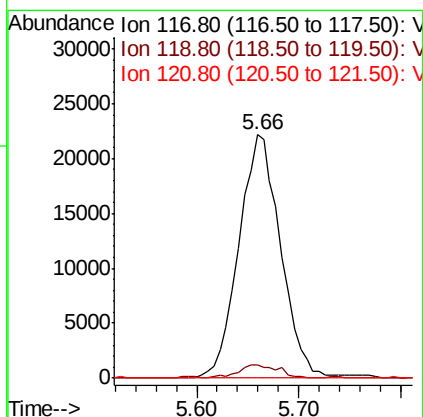
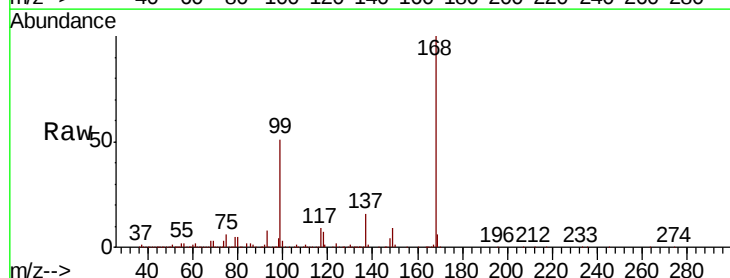
Instrument :
 MSVOA_X
 ClientSampleId :

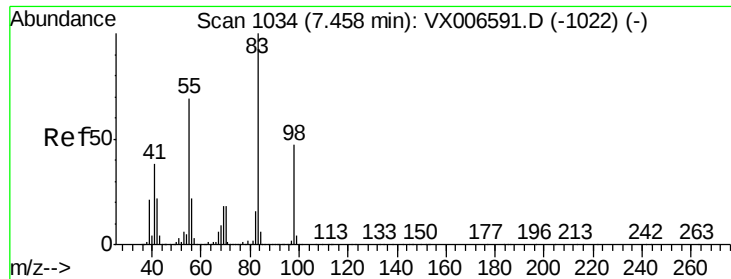
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.2	60.5#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.609 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.4	119.2#
121	0.0	24.0	36.0#





#39

Methylcyclohexane

Concen: 3.222 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

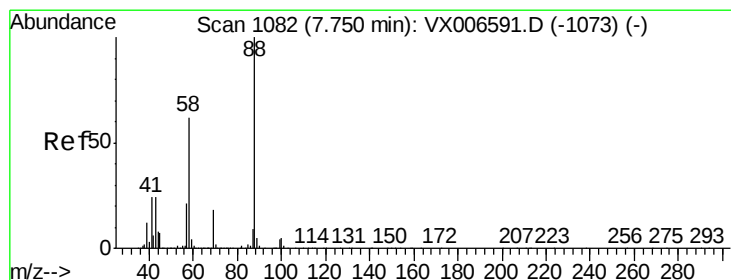
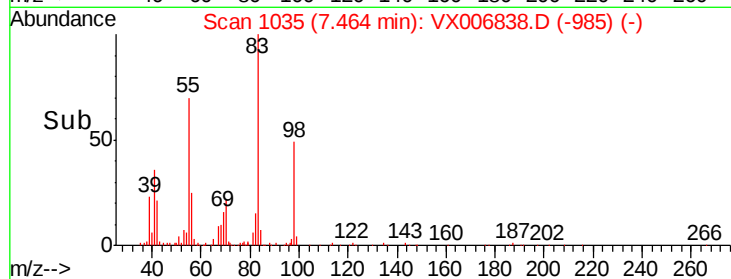
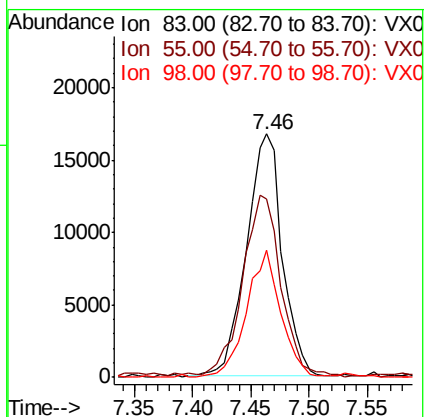
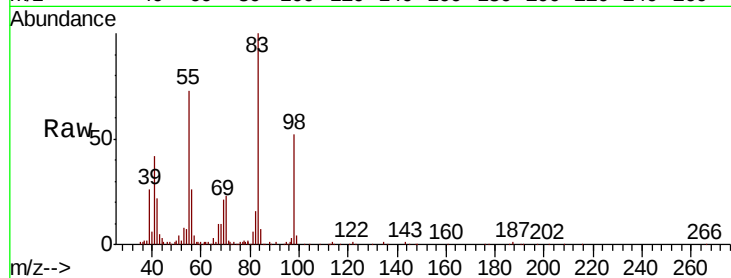
Tot Ion: 83 Resp: 35975

Ion Ratio Lower Upper

83 100

55 72.3 54.9 82.3

98 52.0 37.9 56.9



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

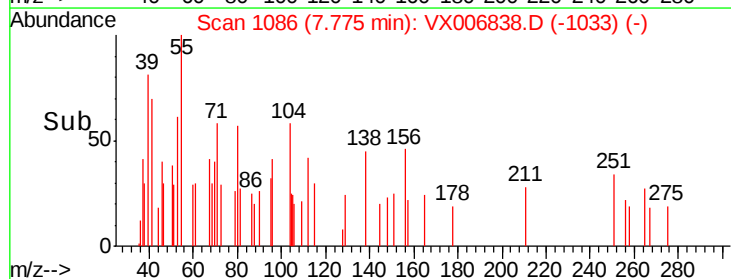
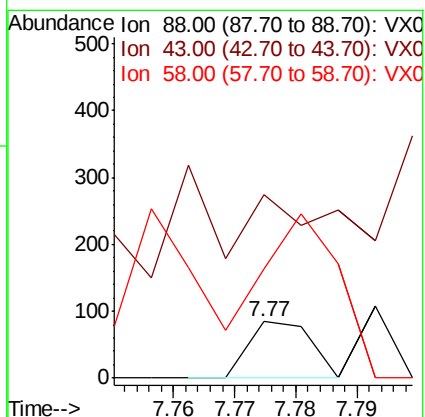
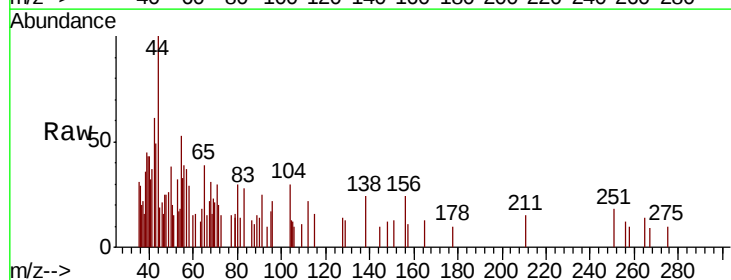
Tgt Ion: 88 Resp: 59

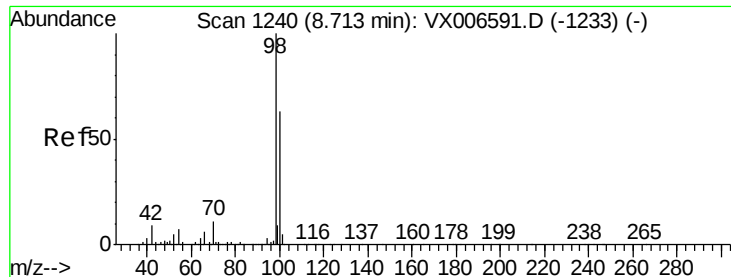
Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 359.3 51.0 76.4#





#50

Toluene-d8

Concen: 49.904 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

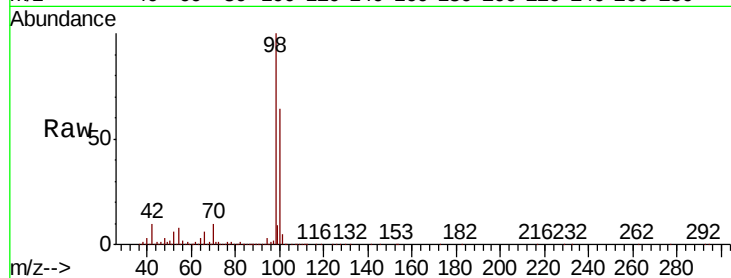
ClientSampled :

Tot Ion: 98 Resp: 1218380

Ion Ratio Lower Upper

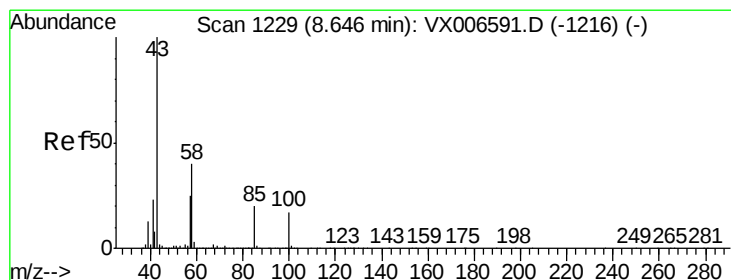
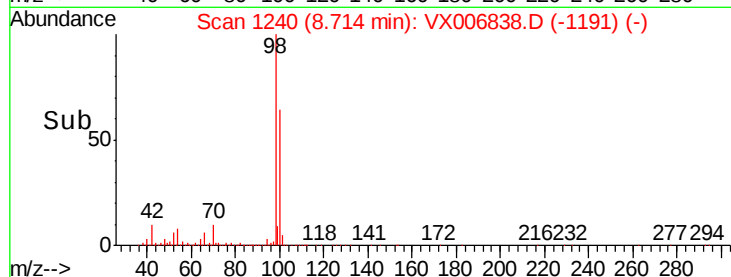
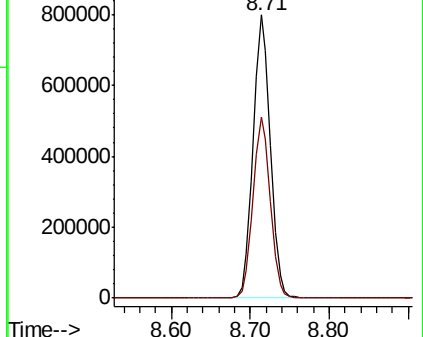
98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.390 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006838.D

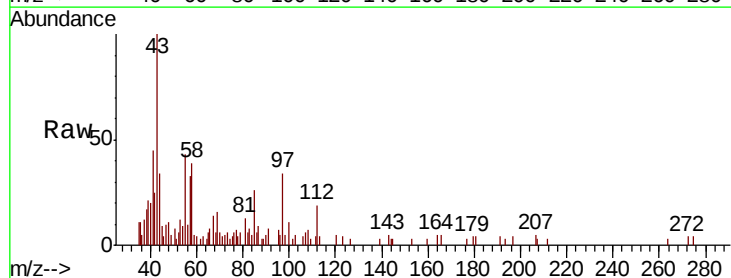
Acq: 27 Dec 2018 13:22

Tgt Ion: 43 Resp: 3329

Ion Ratio Lower Upper

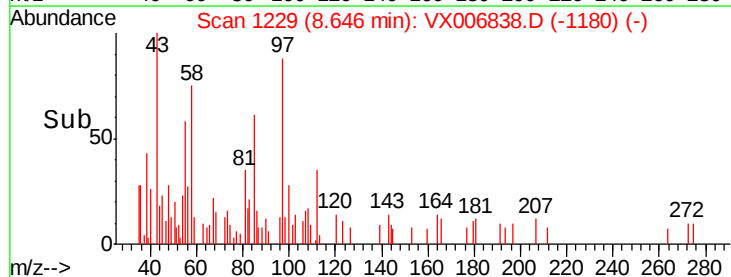
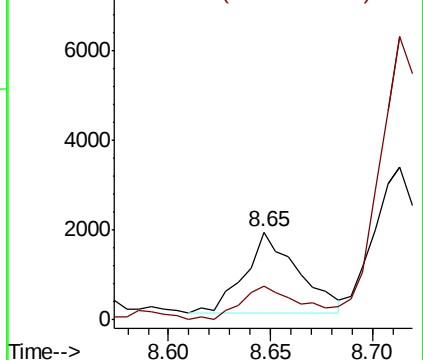
43 100

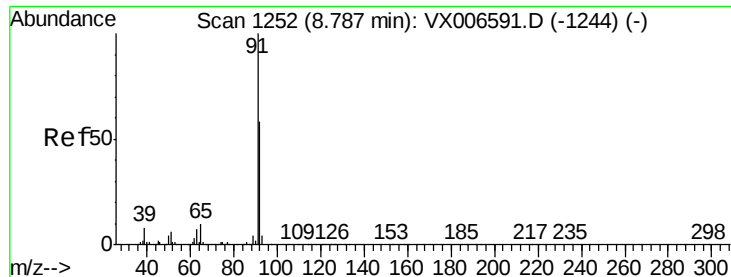
58 44.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 2.247 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

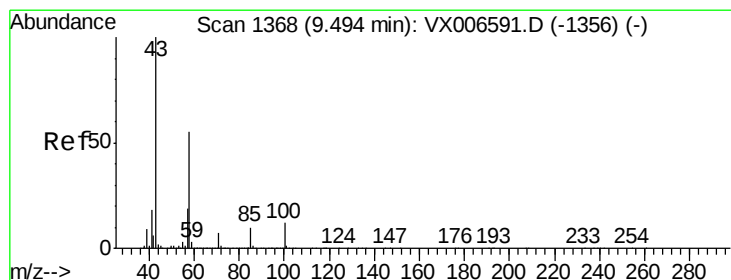
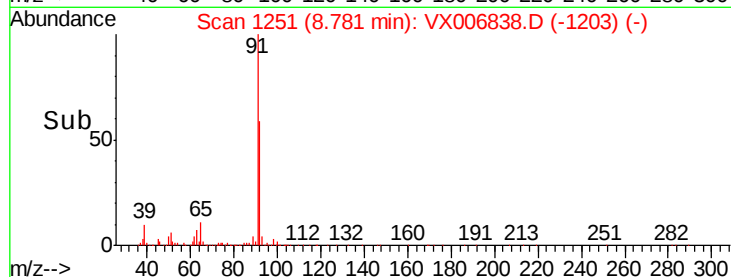
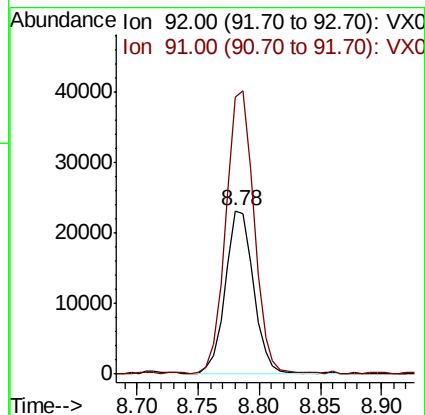
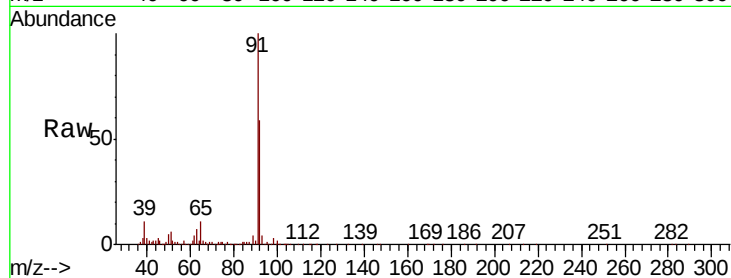
ClientSampleId :

Tot Ion: 92 Resp: 37417

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4



#59

2-Hexanone

Concen: 0.293 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX006838.D

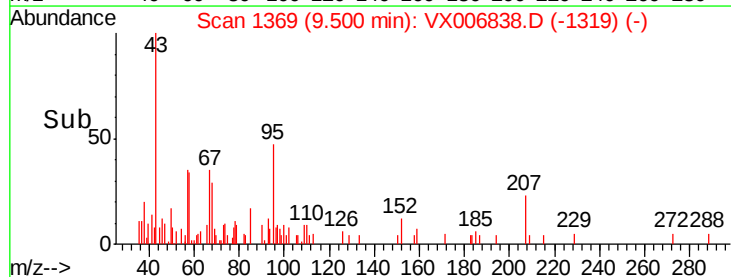
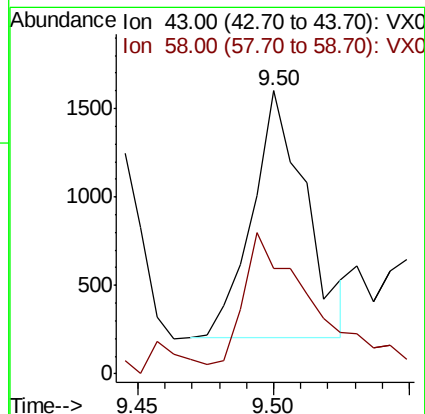
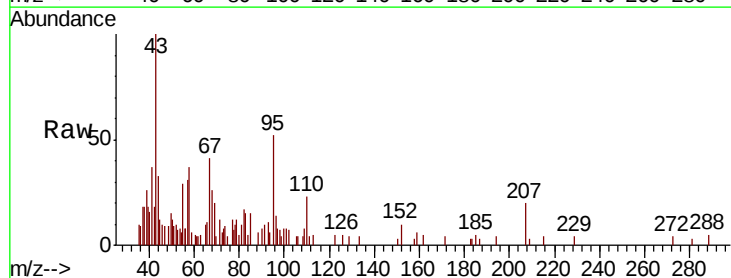
Acq: 27 Dec 2018 13:22

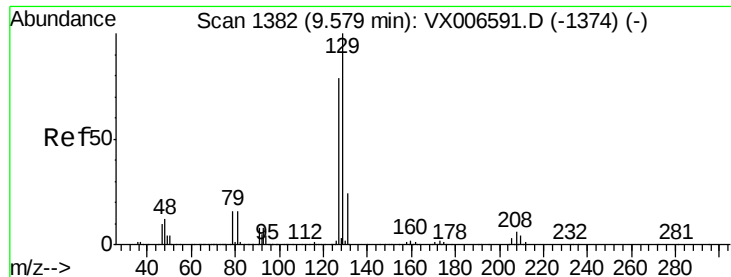
Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 78.2 27.7 83.1





#60

Dibromochloromethane

Concen: 2.330 ug/l

RT: 9.52 min Scan# 1372

Delta R.T. -0.06 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

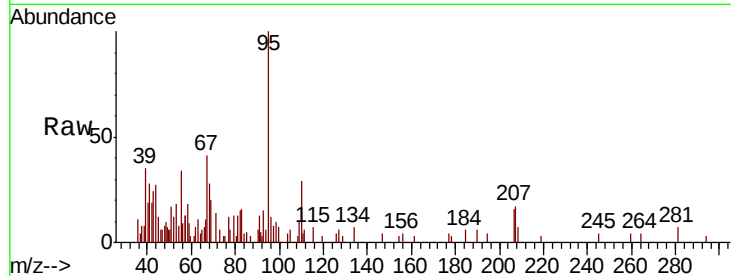
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 42

Ion Ratio Lower Upper

129 100

127 95.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

120

100

80

60

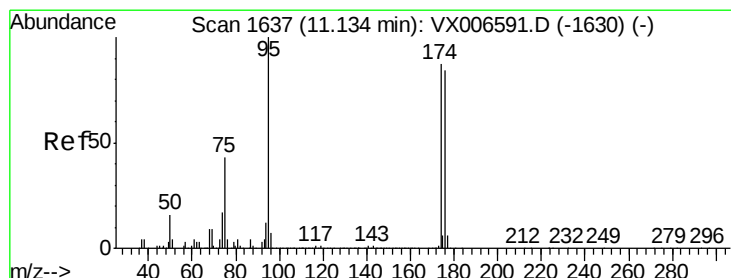
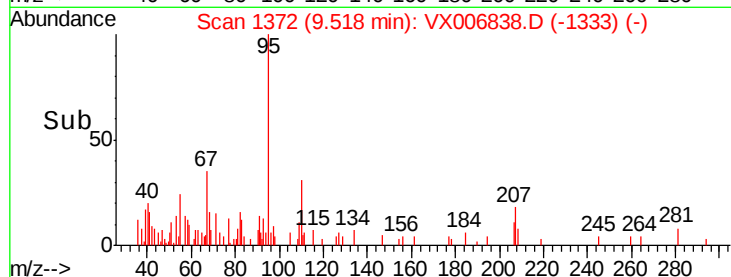
40

20

0

9.51 9.52 9.53

Time-->



#62

4-Bromofluorobenzene

Concen: 49.983 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

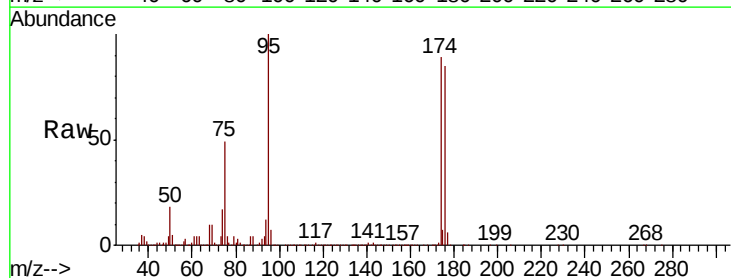
Tgt Ion: 95 Resp: 446926

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 91.3 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

400000

300000

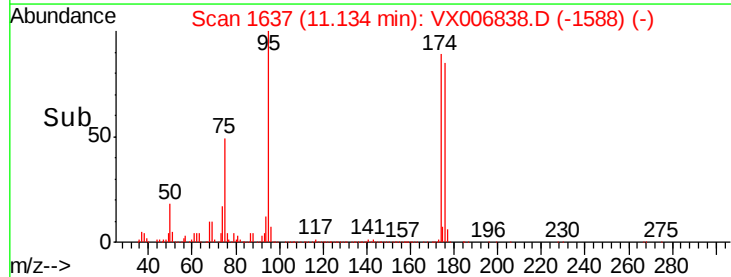
200000

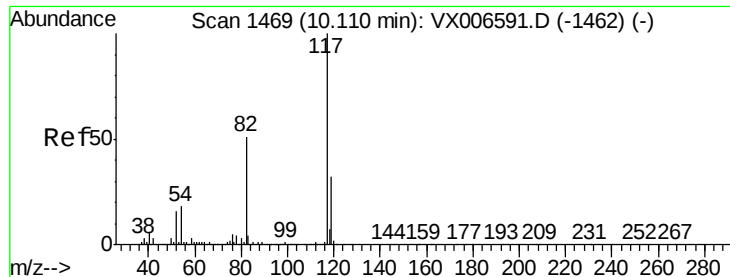
100000

0

11.10 11.13 11.20

Time-->

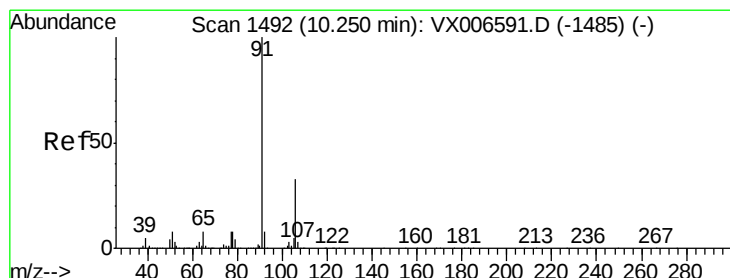
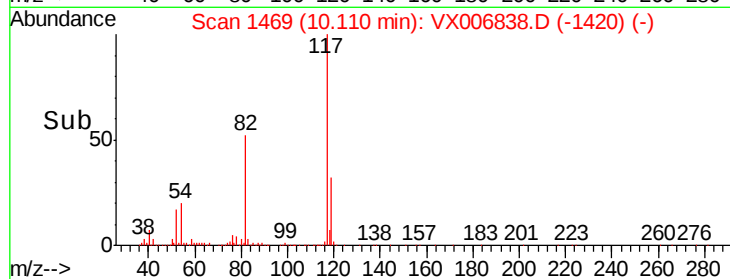
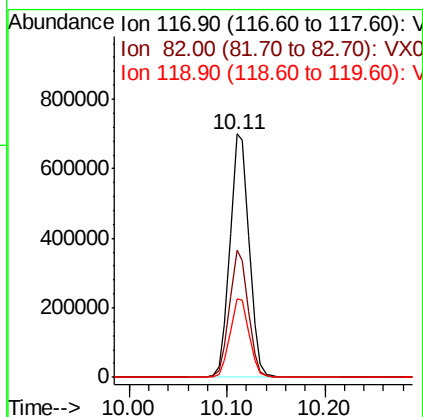
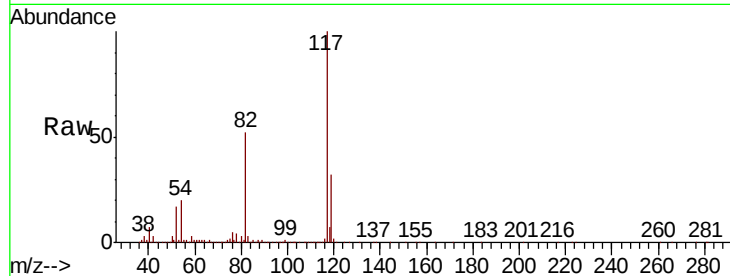




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

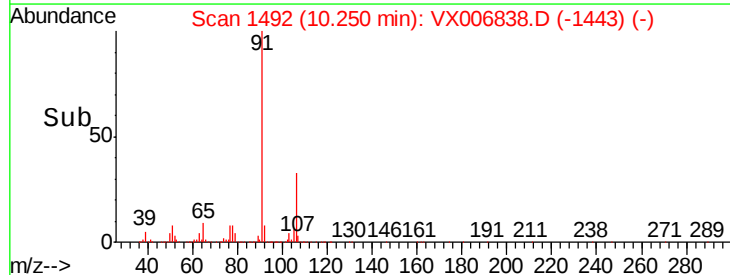
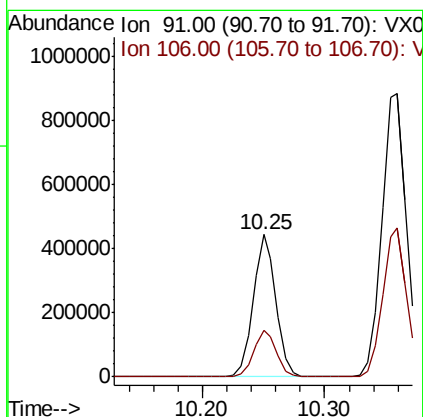
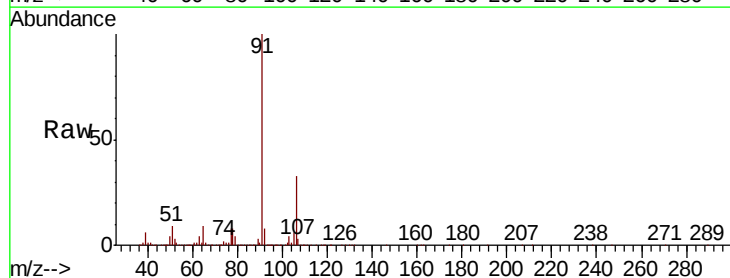
Instrument :
MSVOA_X
ClientSampleId :

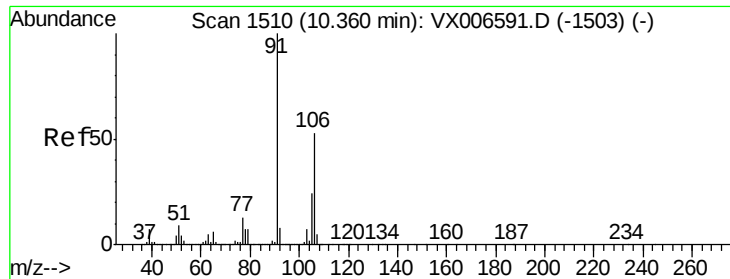
Tot Ion:117 Resp: 953379
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 32.5 25.4 38.0



#67
Ethyl Benzene
Concen: 17.308 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Tgt Ion: 91 Resp: 570458
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6





#68

m/p-Xvlenes

Concen: 48.879 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

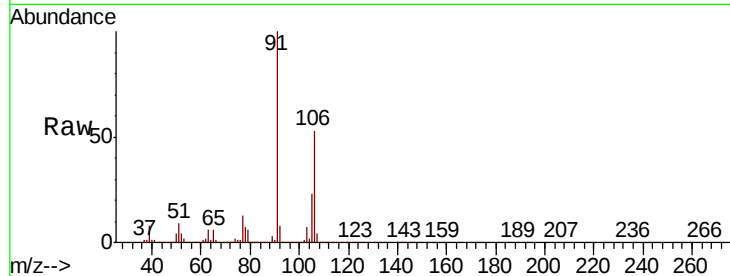
ClientSampleId :

Tot Ion:106 Resp: 635687

Ion Ratio Lower Upper

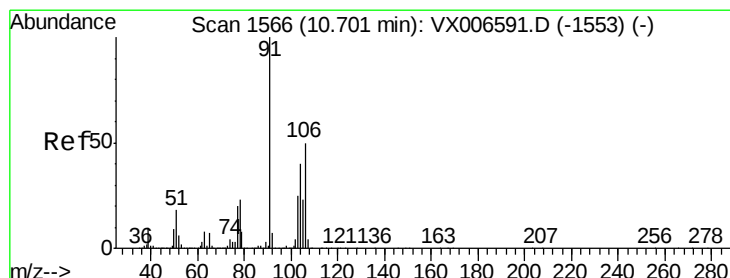
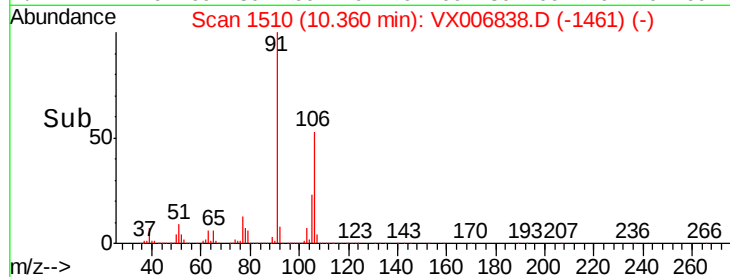
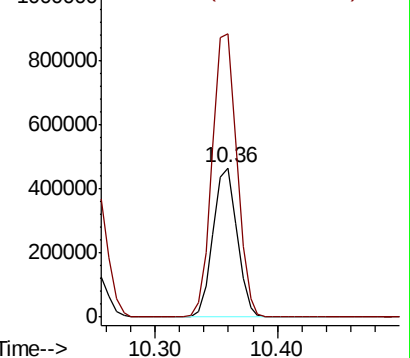
106 100

91 195.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 5.888 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006838.D

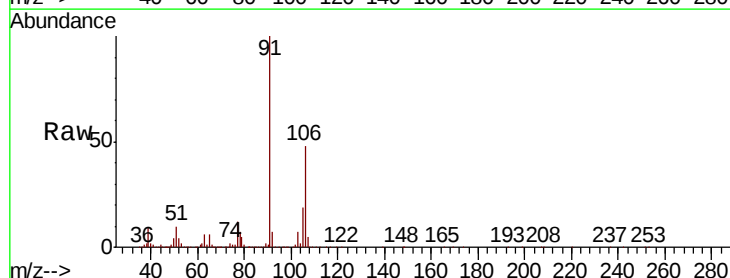
Acq: 27 Dec 2018 13:22

Tgt Ion:106 Resp: 75620

Ion Ratio Lower Upper

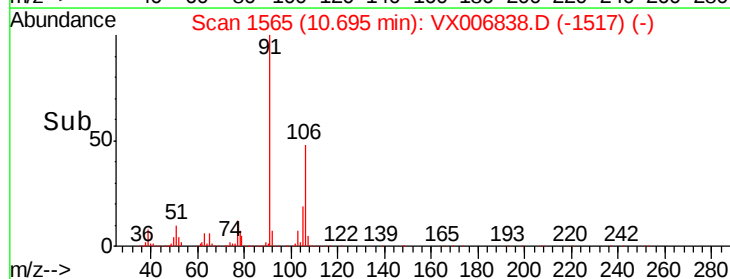
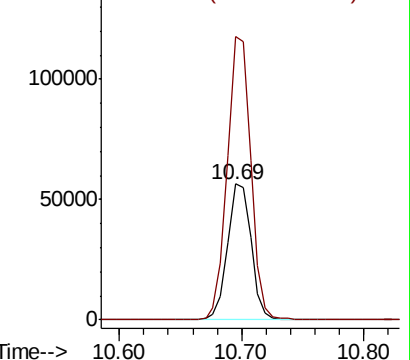
106 100

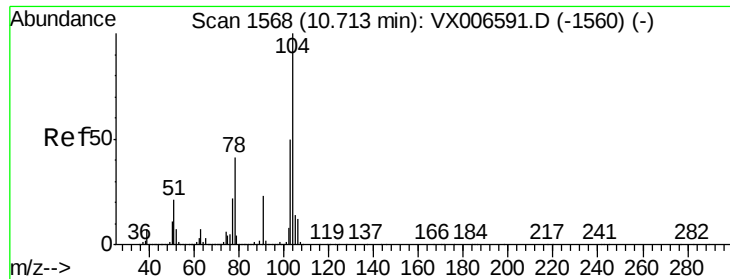
91 206.6 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

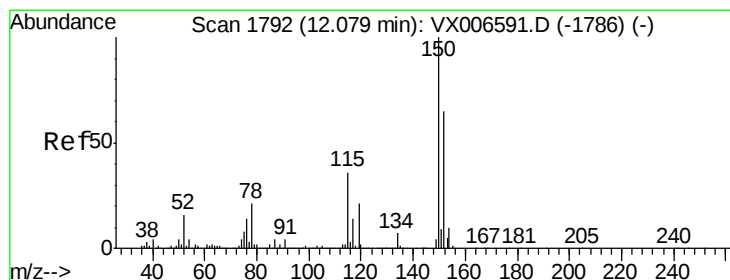
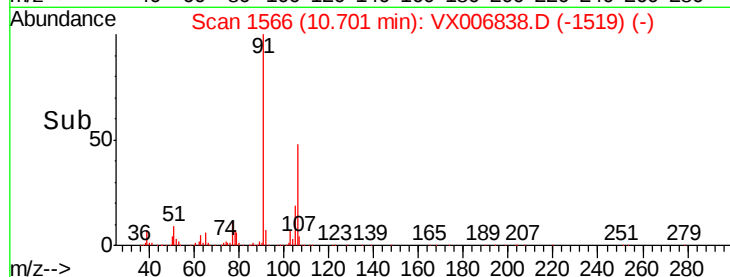
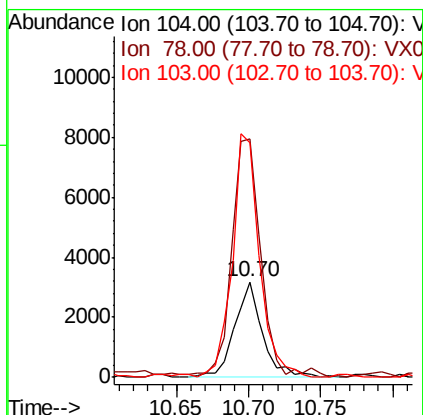
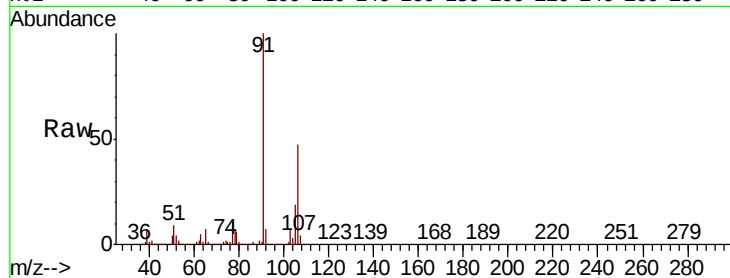




#70
Stvrene
Concen: 0.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

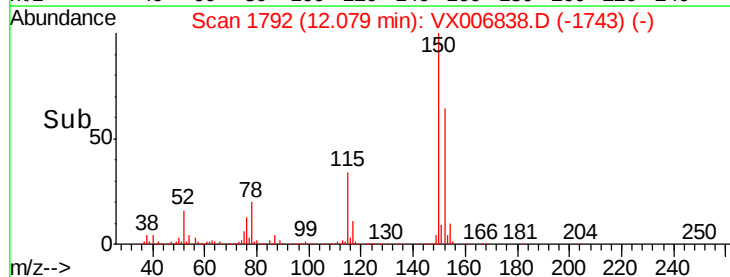
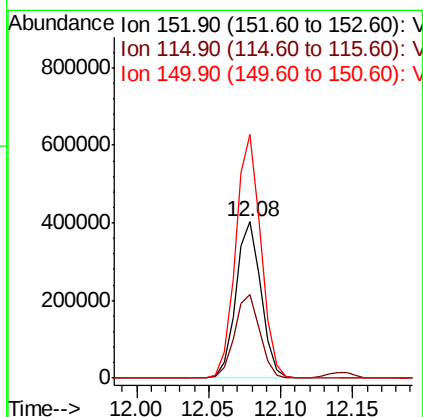
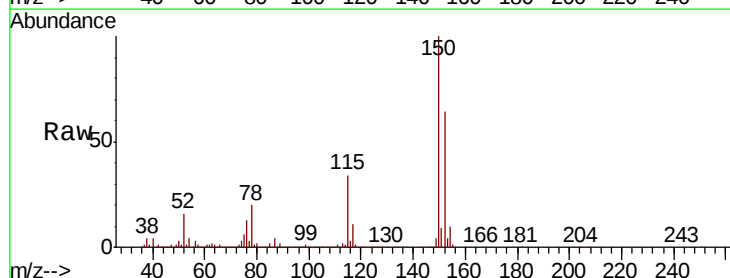
Instrument :
MSVOA_X
ClientSampled :

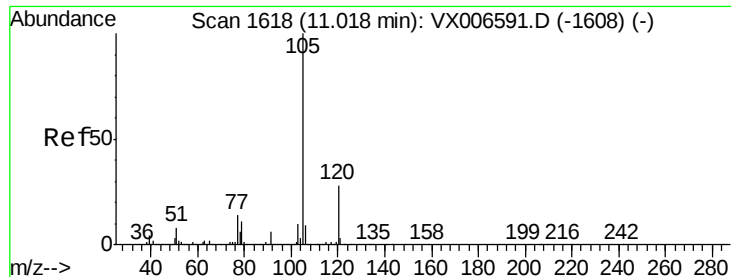
Tot Ion	Ratio	Lower	Upper
104	100		
78	250.1	37.7	56.5#
103	250.4	43.8	65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006838.D
Acq: 27 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	39.1	117.2
150	155.7	0.0	344.8





#73

Isopropylbenzene

Concen: 1.371 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

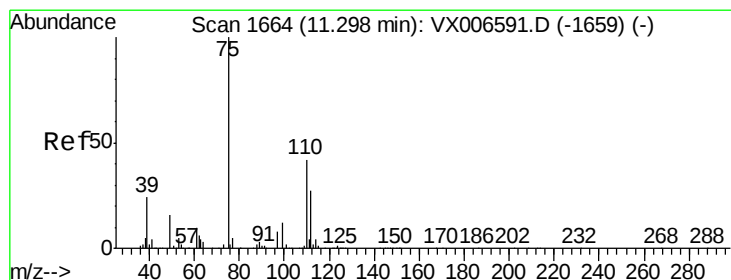
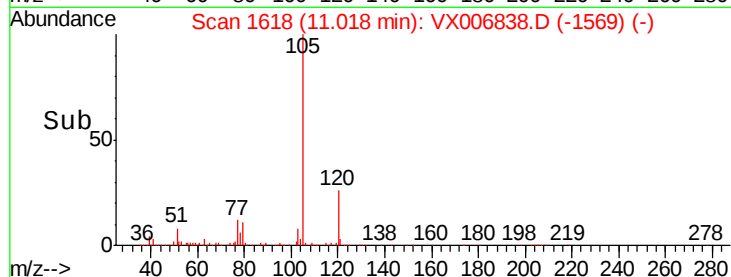
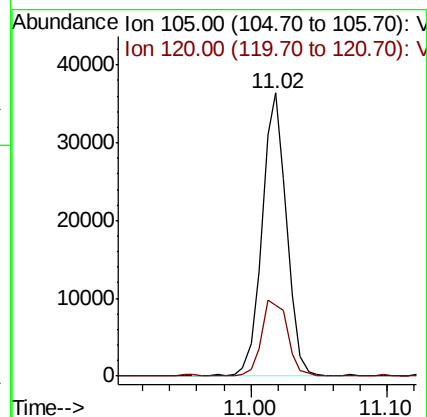
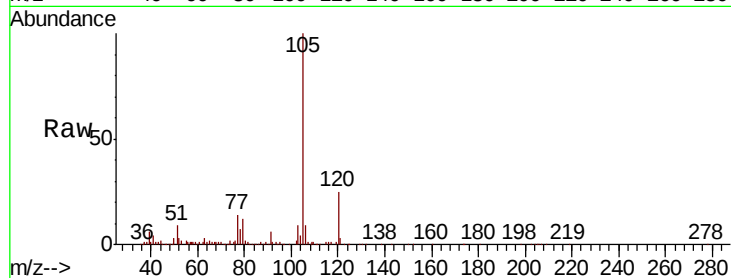
ClientSampleId :

Tot Ion:105 Resp: 46030

Ion Ratio Lower Upper

105 100

120 28.6 14.1 42.4



#76

1,2,3-Trichloropropane

Concen: 23.372 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006838.D

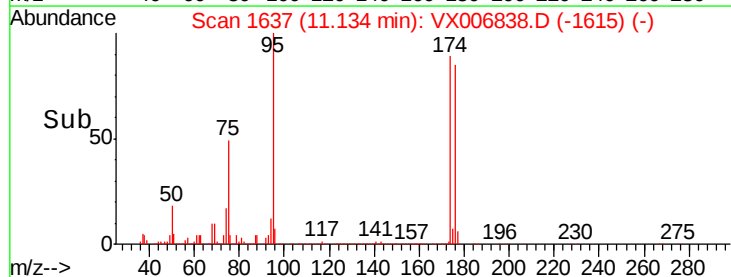
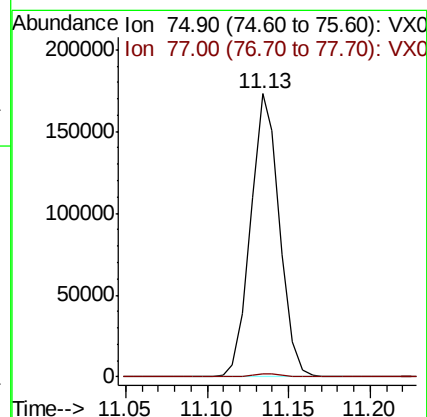
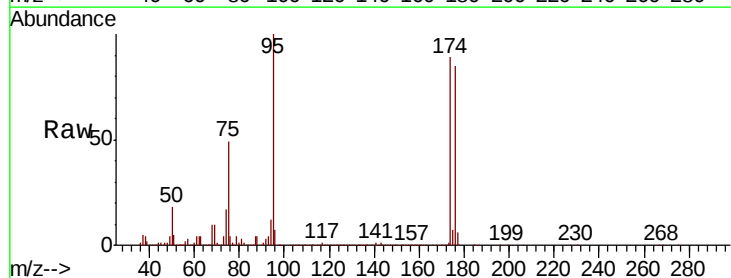
Acq: 27 Dec 2018 13:22

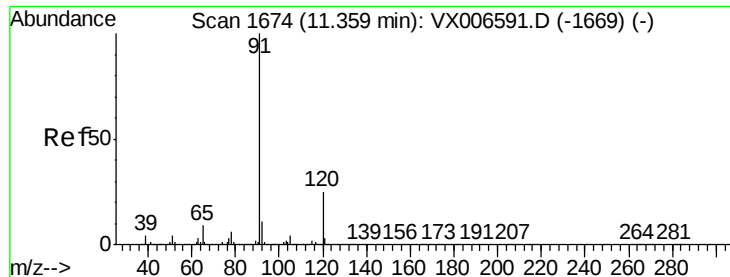
Tgt Ion: 75 Resp: 213200

Ion Ratio Lower Upper

75 100

77 1.1 18.5 55.5#





#78

n-propylbenzene

Concen: 5.581 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

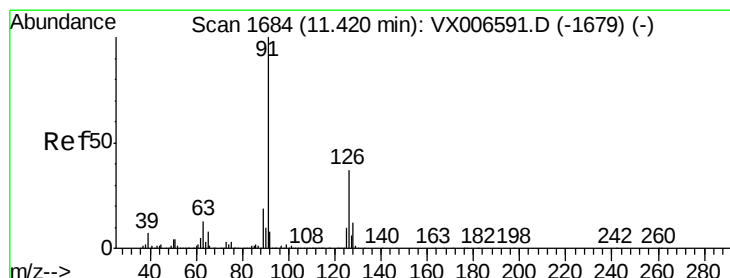
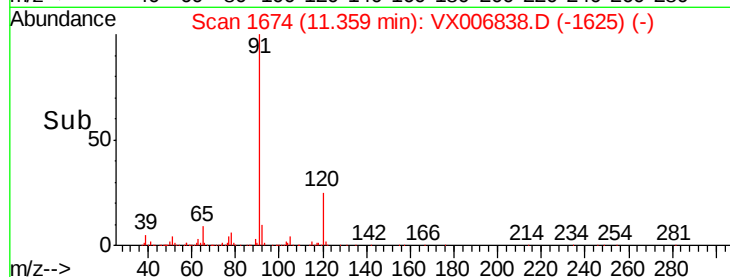
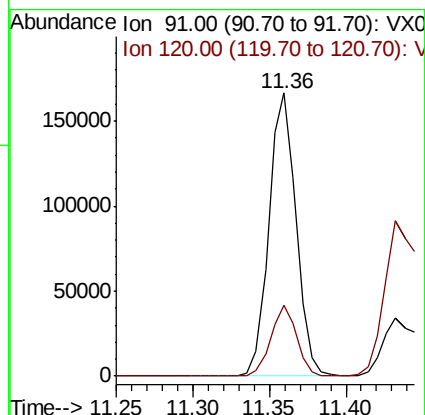
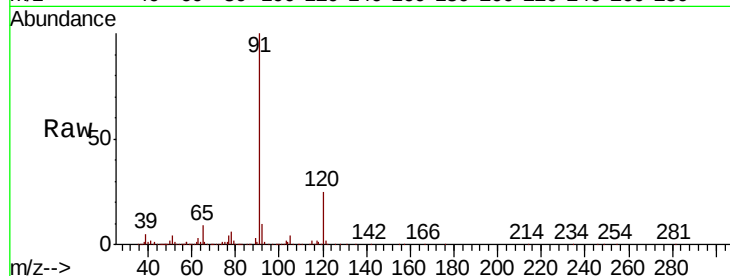
ClientSampled :

Tot Ion: 91 Resp: 206376

Ion Ratio Lower Upper

91 100

120 23.8 12.7 38.0



#79

2-Chlorotoluene

Concen: 3.250 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006838.D

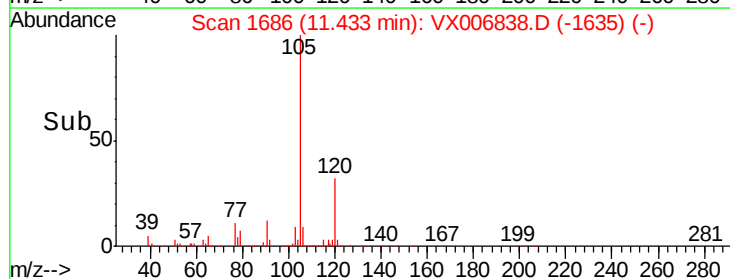
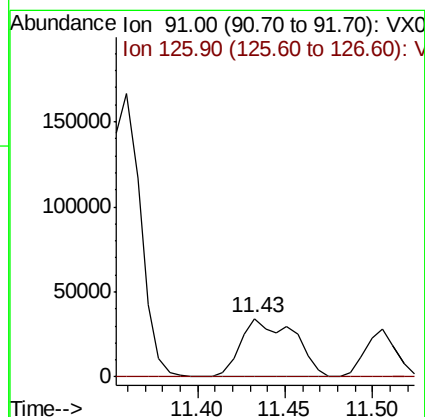
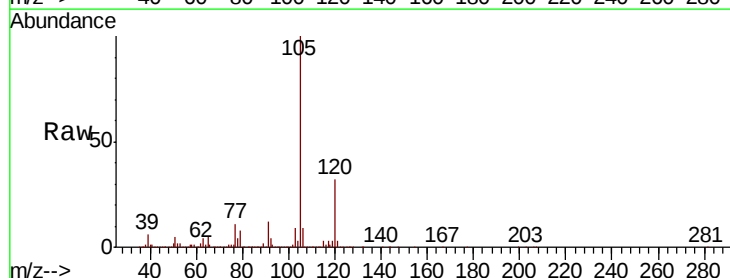
Acq: 27 Dec 2018 13:22

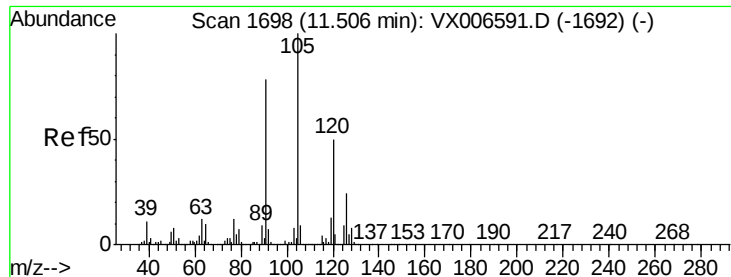
Tgt Ion: 91 Resp: 72826

Ion Ratio Lower Upper

91 100

126 0.7 18.6 56.0#

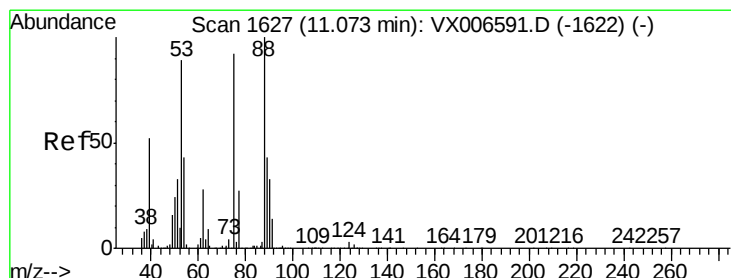
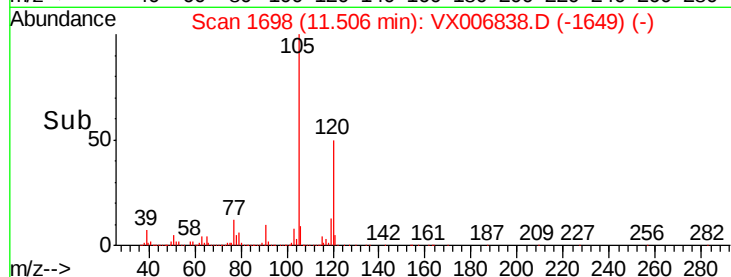
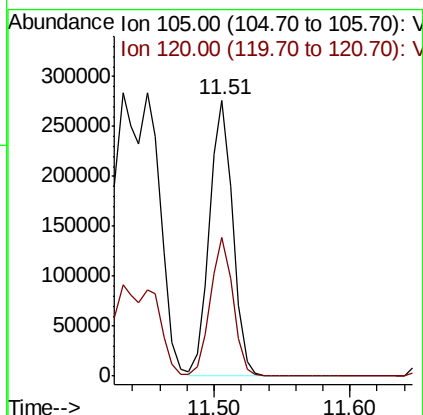
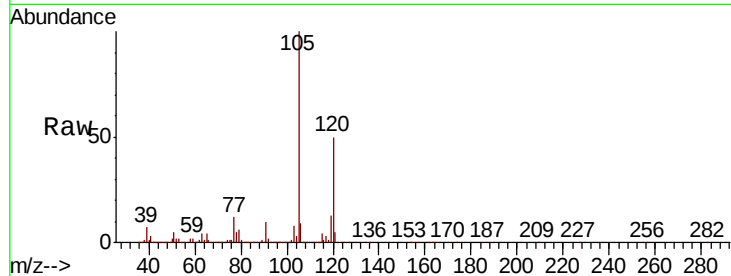




#80
 1,3,5-Trimethylbenzene
 Concen: 11.810 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

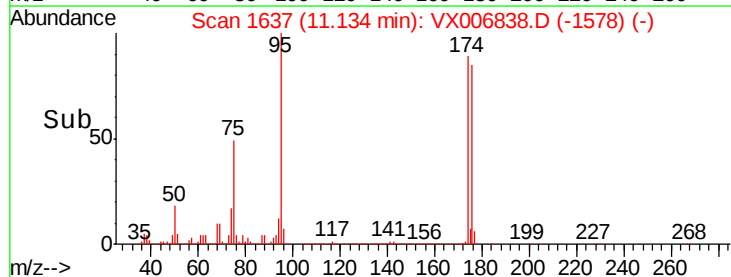
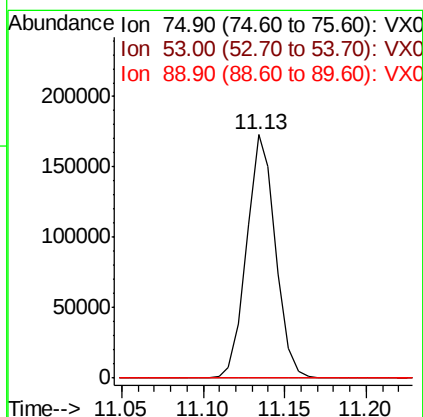
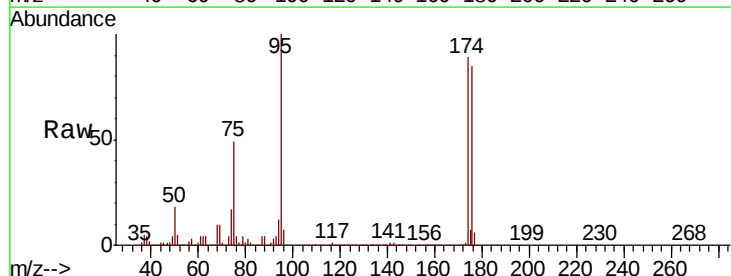
Instrument :
 MSVOA_X
 ClientSampleId :

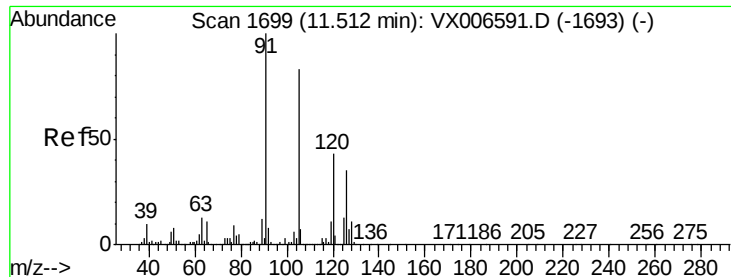
Tot Ion:105 Resp: 326636
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.339 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

Tgt Ion: 75 Resp: 213200
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.7 119.5#
 89 0.1 38.0 57.0#





#82

4-Chlorotoluene

Concen: 1.309 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

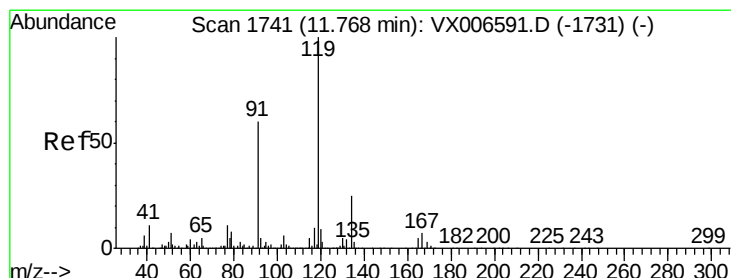
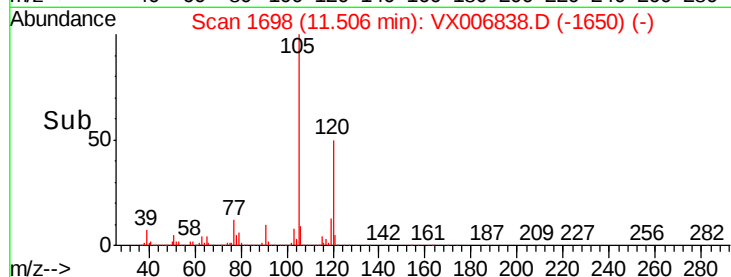
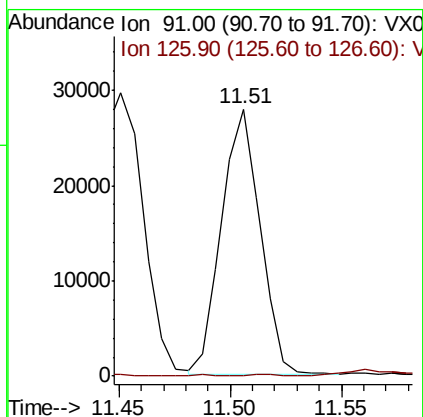
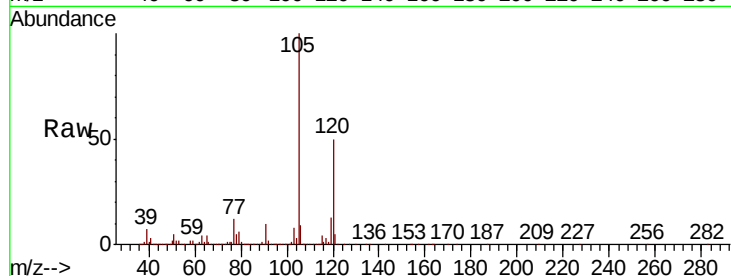
ClientSampleId :

Tot Ion: 91 Resp: 33647

Ion Ratio Lower Upper

91 100

126 0.4 16.3 48.9#



#83

tert-Butylbenzene

Concen: 5.685 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

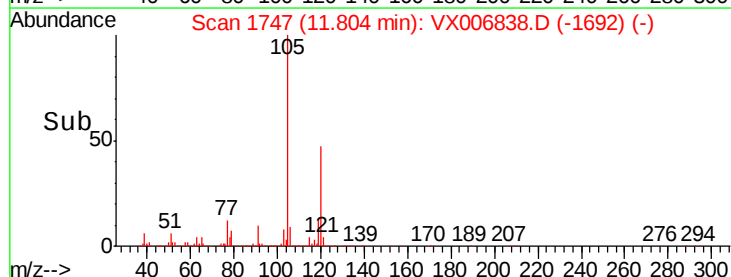
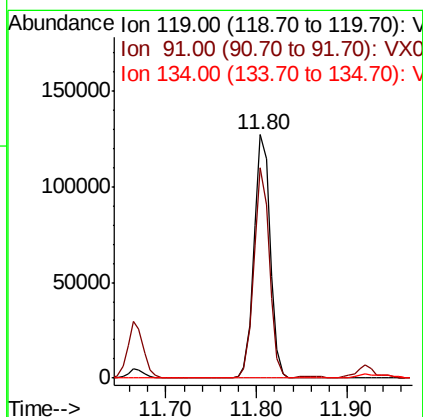
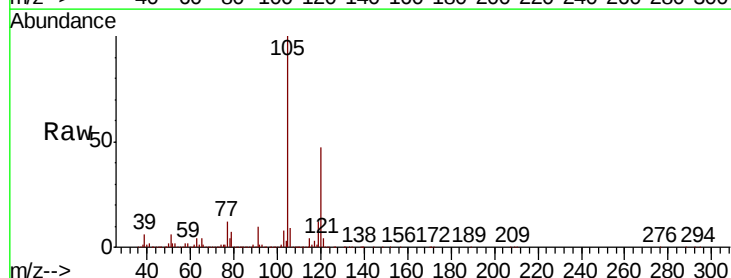
Tgt Ion: 119 Resp: 157378

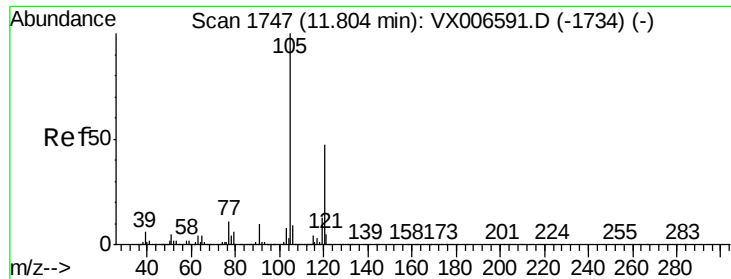
Ion Ratio Lower Upper

119 100

91 82.8 27.7 83.1

134 0.0 11.9 35.5#

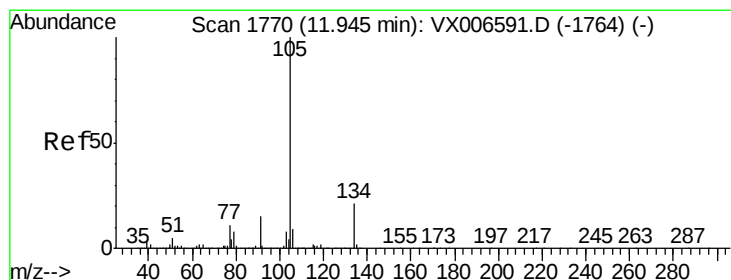
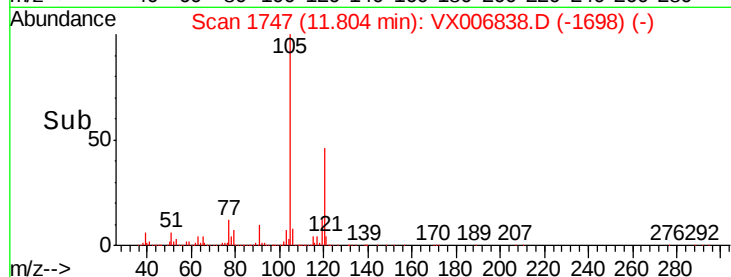
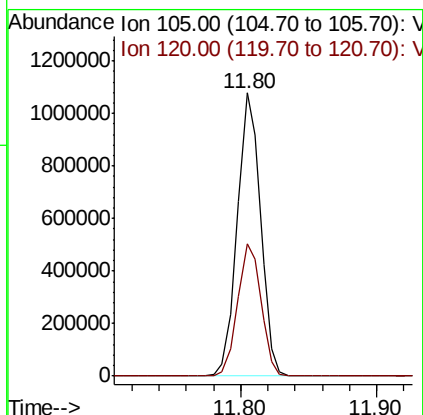
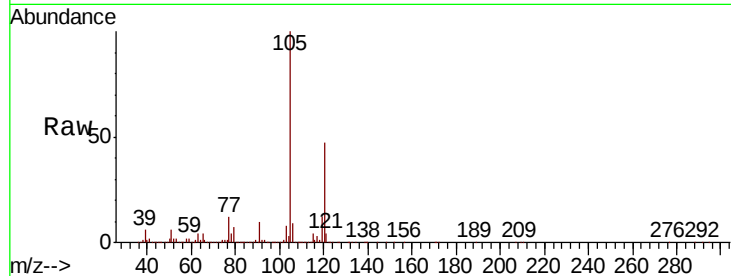




#84
 1,2,4-Trimethylbenzene
 Concen: 44.117 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

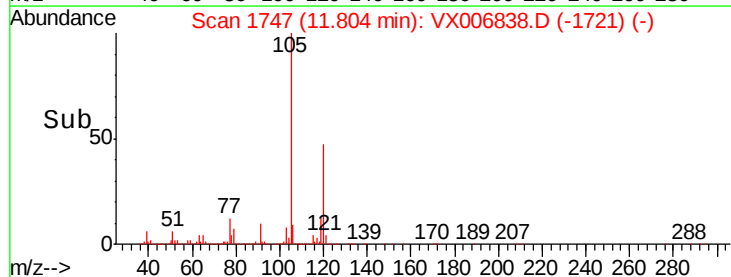
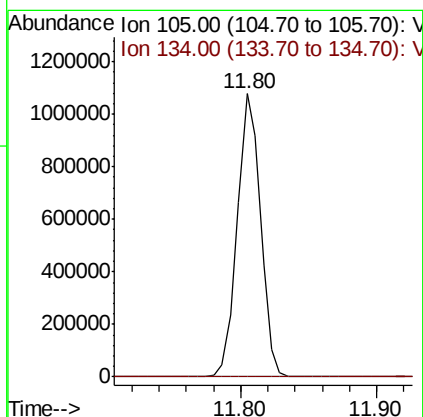
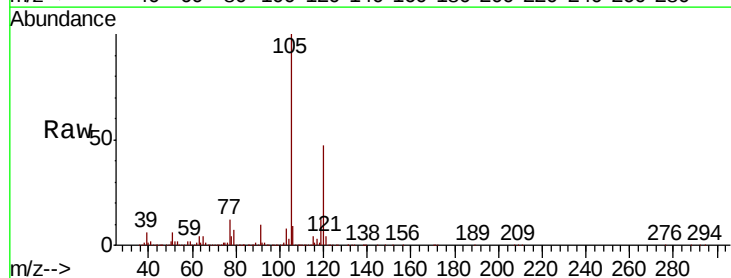
Instrument :
 MSVOA_X
 ClientSampleId :

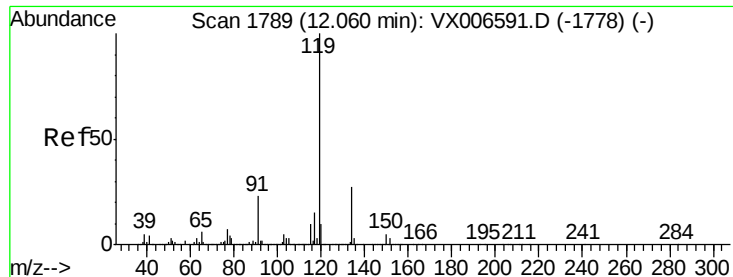
Tot Ion:105 Resp: 1283446
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 37.816 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

Tgt Ion:105 Resp: 1283446
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

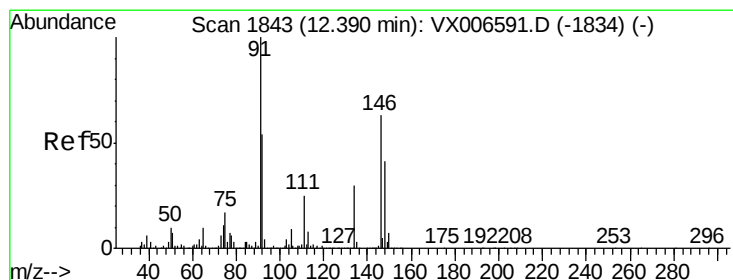
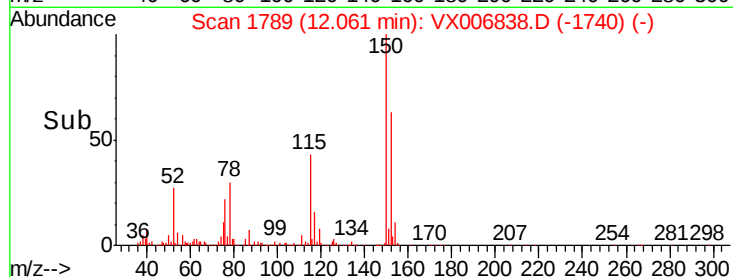
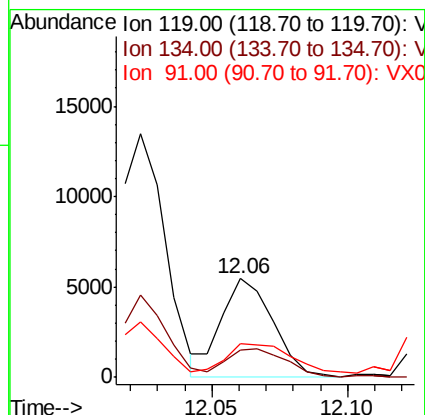
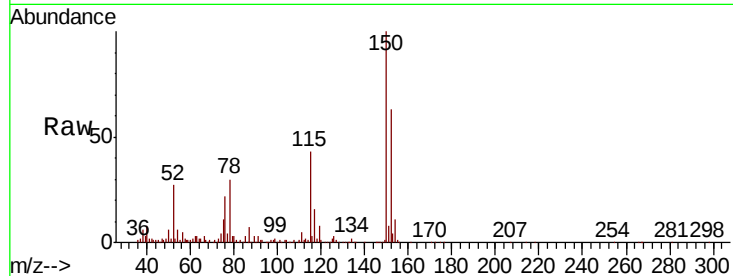




#86
 p-Isopropyltoluene
 Concen: 0.243 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

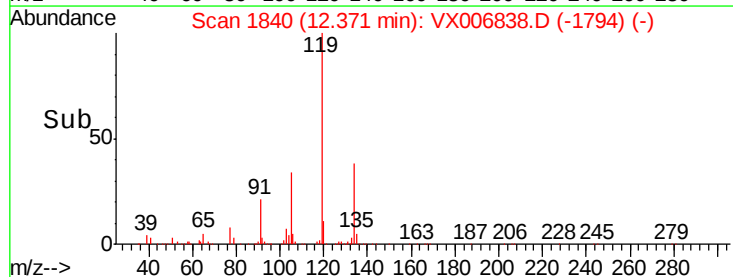
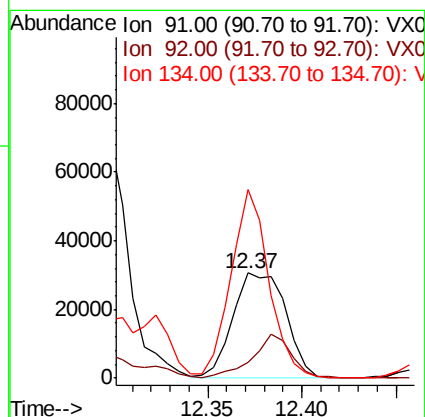
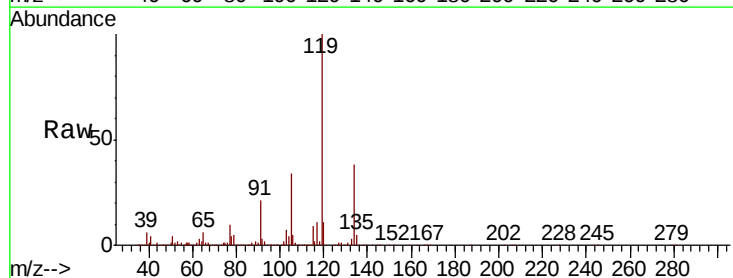
Instrument :
 MSVOA_X
 ClientSampleId :

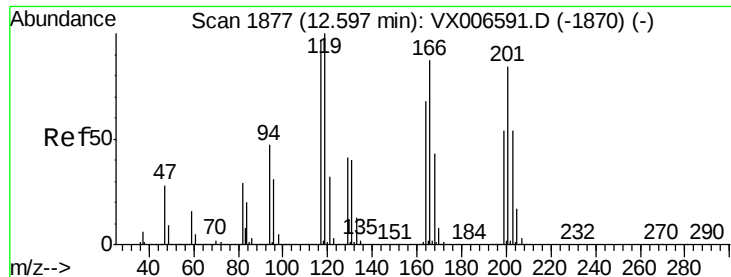
Tot Ion:119 Resp: 7242
 Ion Ratio Lower Upper
 119 100
 134 32.7 14.0 41.9
 91 0.0 11.3 33.9#



#89
 n-Butylbenzene
 Concen: 2.317 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: VX006838.D
 Acq: 27 Dec 2018 13:22

Tgt Ion: 91 Resp: 58821
 Ion Ratio Lower Upper
 91 100
 92 30.6 26.8 80.4
 134 130.4 14.4 43.2#





#90

Hexachloroethane

Concen: 7.424 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

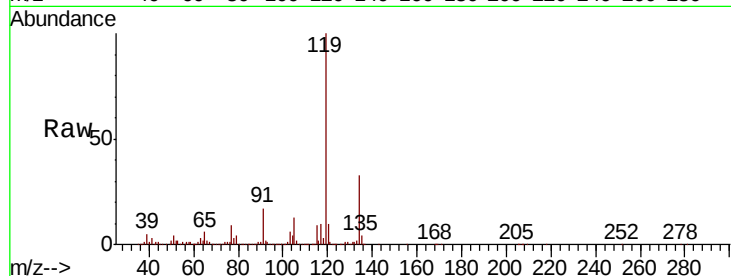
ClientSampleId :

Tot Ion:117 Resp: 20645

Ion Ratio Lower Upper

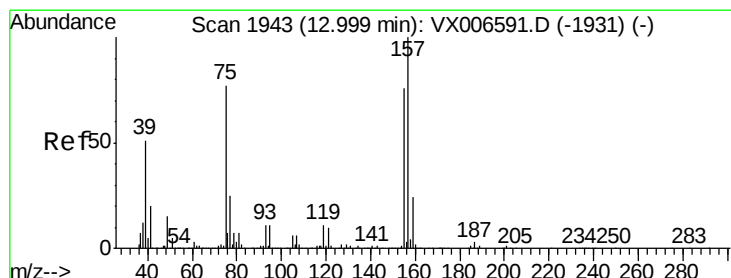
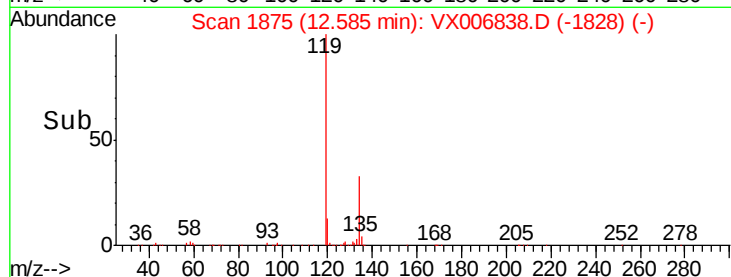
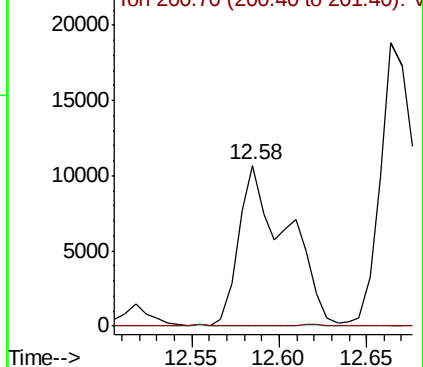
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.765 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

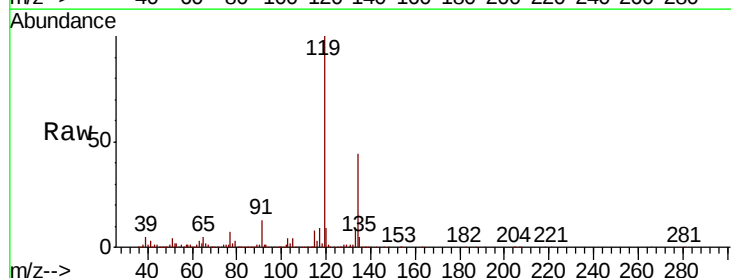
Tgt Ion: 75 Resp: 1581

Ion Ratio Lower Upper

75 100

155 3.2 50.6 151.8#

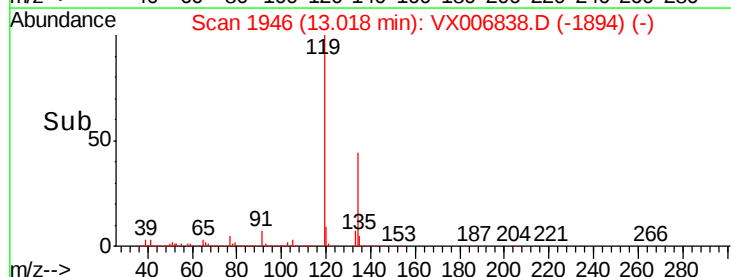
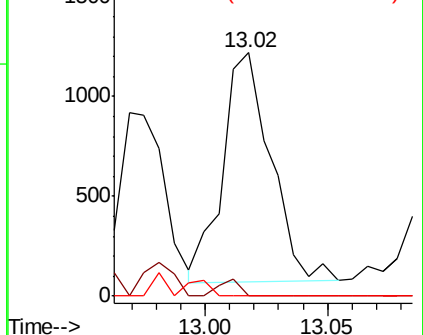
157 0.0 64.6 193.8#

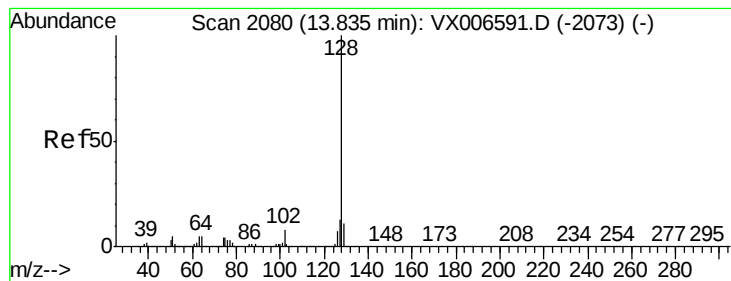


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 36.171 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006838.D

Acq: 27 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

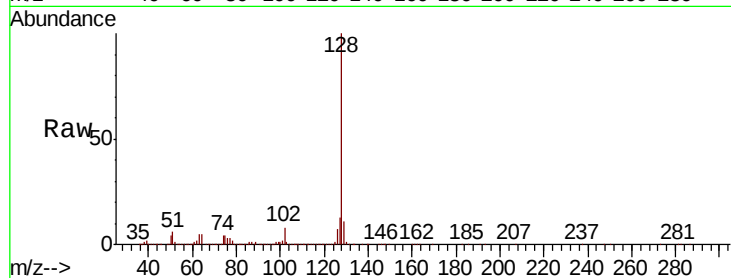
Tot Ion:128 Resp: 1303394

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

