

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011731.D
 Acq On : 21 Aug 2019 14:44
 Operator : JC/SP
 Sample : K4451-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-1-B-1

Quant Time: Aug 22 03:37:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	618690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	227214	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
35) Dibromofluoromethane	5.49	113	185709	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
50) Toluene-d8	8.71	98	707968	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
62) 4-Bromofluorobenzene	11.13	95	261640	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	9782	2.181	ug/l	93
4) Vinyl Chloride	1.40	62	963	0.238	ug/l #	85
11) Tert butyl alcohol	3.04	59	3914	3.916	ug/l #	80
13) Acrolein	2.25	56	167	12.701	ug/l	85
16) Acetone	2.43	43	38810	18.946	ug/l	98
17) Carbon Disulfide	2.57	76	1852	0.210	ug/l #	90
18) Methyl Acetate	2.77	43	3600	0.567	ug/l #	69
19) Methyl tert-butyl Ether	3.19	73	7163	0.587	ug/l	92
25) 2-Butanone	4.68	43	5517	1.716	ug/l	95
31) Cyclohexane	5.57	56	1513	0.250	ug/l #	63
36) 1,1-Dichloropropene	5.65	75	26676	5.043	ug/l #	51
38) Carbon Tetrachloride	5.65	117	38247	6.563	ug/l #	16
39) Methylcyclohexane	7.46	83	1527	0.234	ug/l #	73
40) Benzene	6.14	78	152796	9.295	ug/l	99
48) Methyl methacrylate	7.77	41	1078	0.229	ug/l #	74
49) 1,4-Dioxane	7.76	88	370	2.958	ug/l #	83
51) 4-Methyl-2-Pentanone	8.65	43	1457	0.234	ug/l	93
59) 2-Hexanone	9.51	43	1166	0.243	ug/l	80
67) Ethyl Benzene	10.25	91	8432	0.427	ug/l	97
68) m/p-Xylenes	10.36	106	2627	0.347	ug/l #	71
69) o-Xylene	10.69	106	1658	0.223	ug/l	88
71) Bromoform	10.86	173	134	3.321	ug/l #	28
73) Isopropylbenzene	11.02	105	46310	2.497	ug/l	99
74) N-amyl acetate	10.94	43	5248	0.666	ug/l #	11
76) 1,2,3-Trichloropropane	11.13	75	123313	22.754	ug/l #	35
78) n-propylbenzene	11.36	91	38461	1.923	ug/l	97
79) 2-Chlorotoluene	11.46	91	3497	0.285	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	19395	1.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	123313	60.595	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	83168	5.318	ug/l	100
85) sec-Butylbenzene	11.94	105	37036	2.069	ug/l	89
86) p-Isopropyltoluene	12.06	119	10619	0.631	ug/l	89
89) n-Butylbenzene	12.38	91	23989	1.733	ug/l #	39
90) Hexachloroethane	12.58	117	8853	3.329	ug/l #	1

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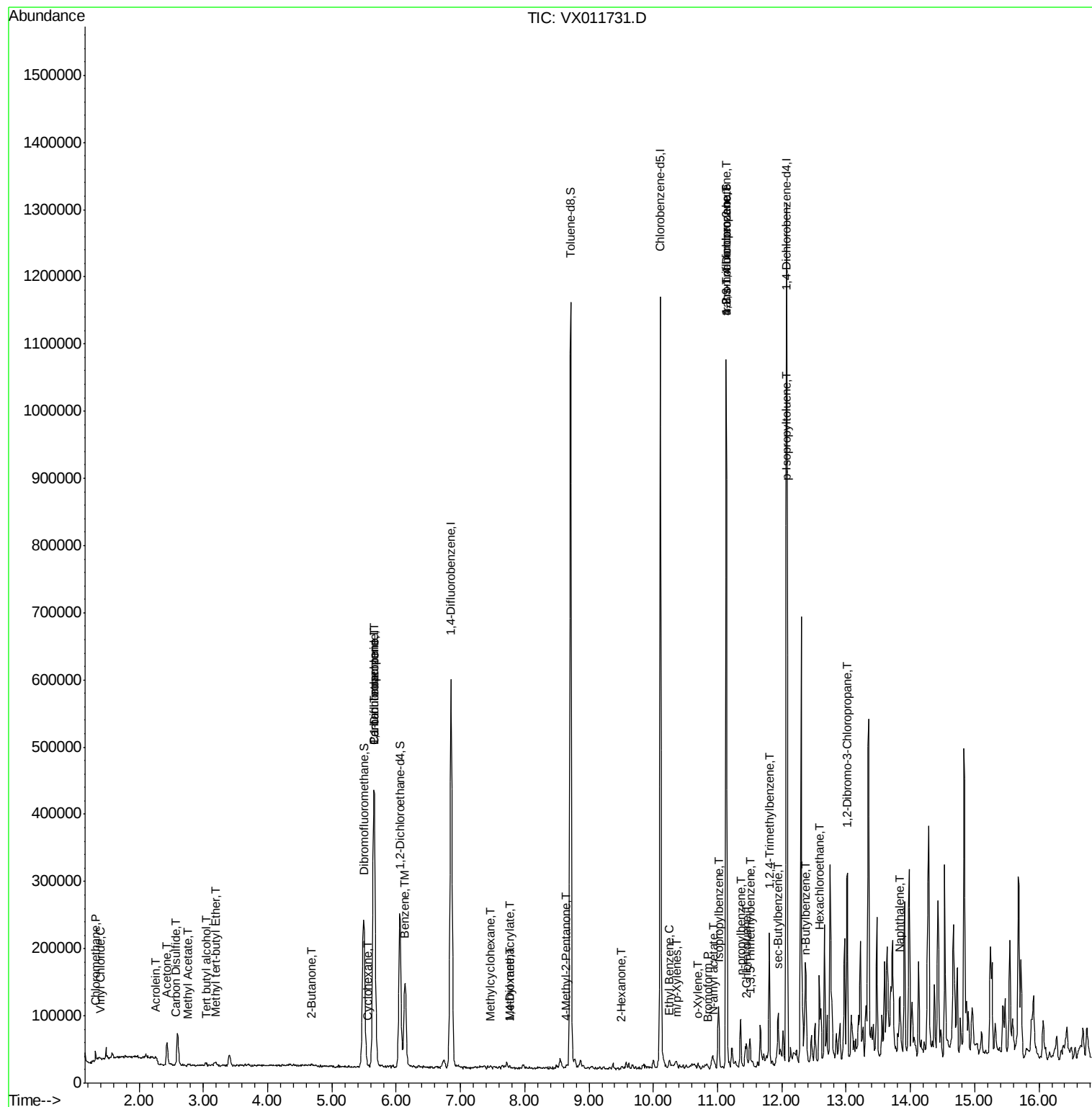
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1146	0.785	ug/l #	2
95) Naphthalene	13.83	128	52143	2.600	ug/l #	91

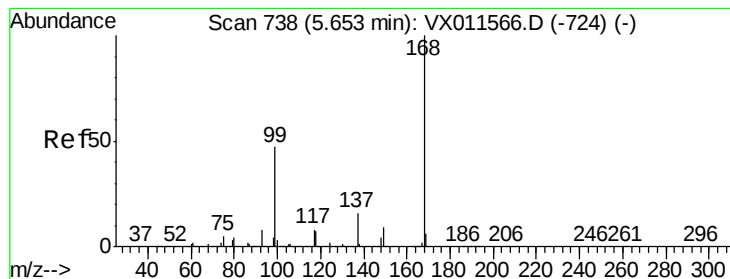
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

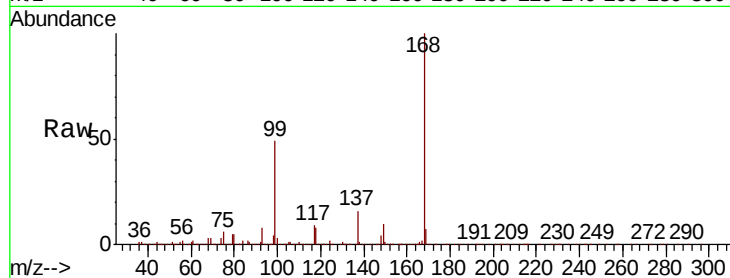
TWP-1-B-1

Tgt Ion:168 Resp: 439292

Ion Ratio Lower Upper

168 100

99 49.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

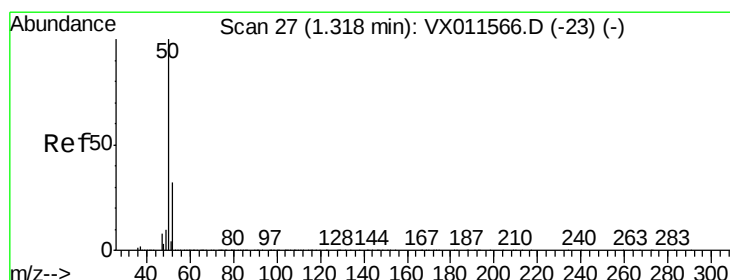
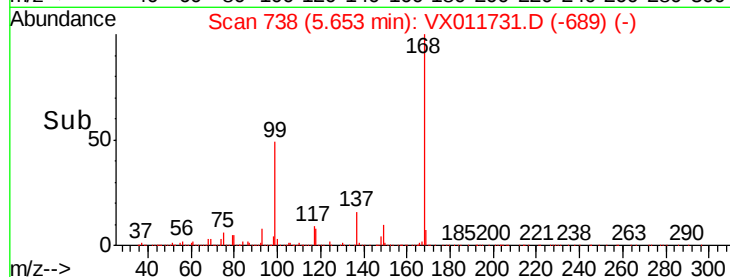
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.181 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011731.D

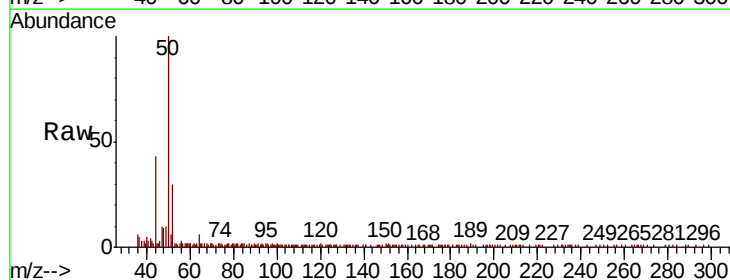
Acq: 21 Aug 2019 14:44

Tgt Ion: 50 Resp: 9782

Ion Ratio Lower Upper

50 100

52 28.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

10000

8000

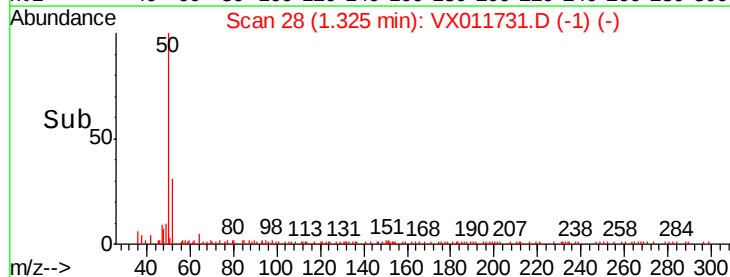
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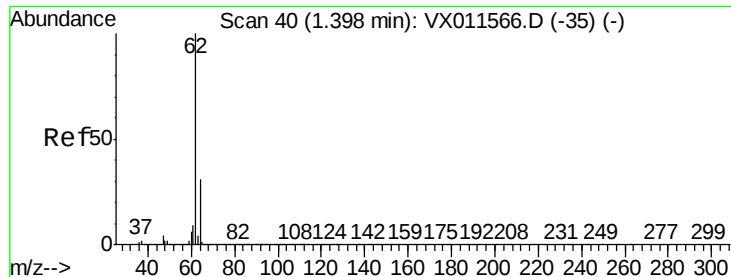
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 0.238 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

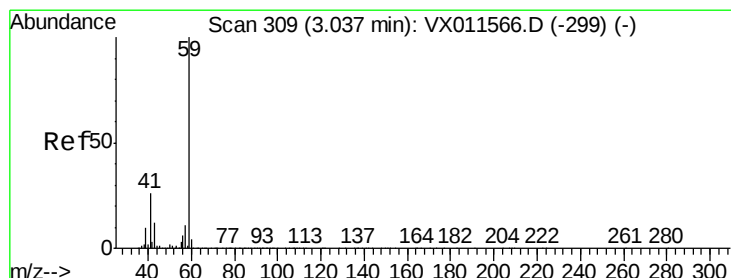
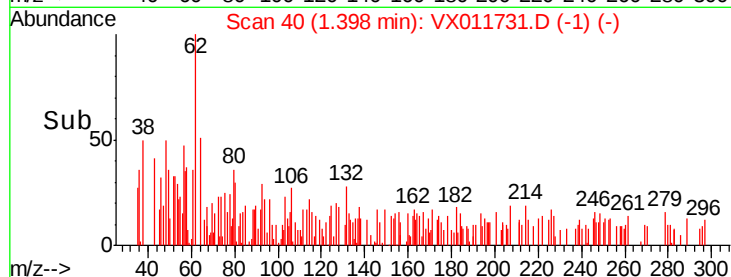
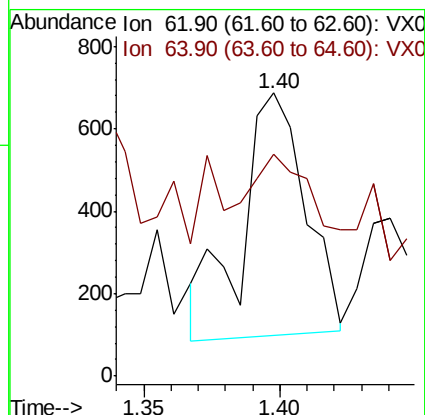
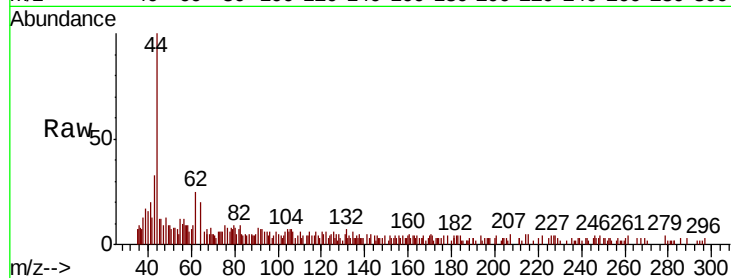
TWP-1-B-1

Tgt Ion: 62 Resp: 963

Ion Ratio Lower Upper

62 100

64 39.2 25.0 37.4#



#11

Tert butyl alcohol

Concen: 3.916 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011731.D

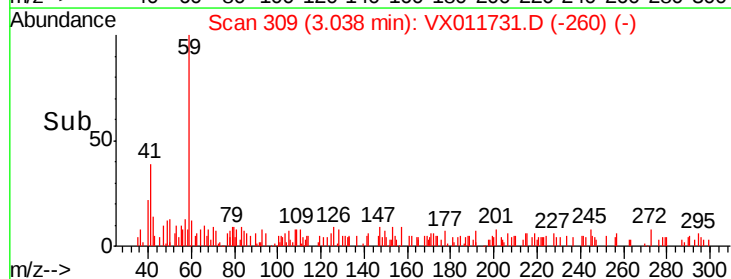
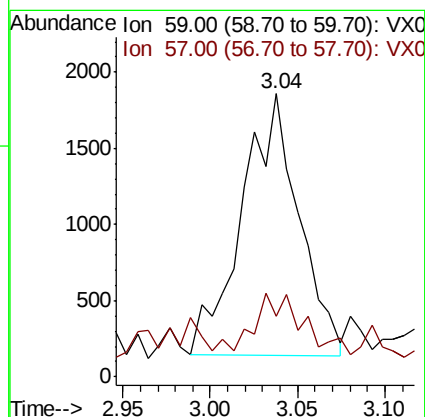
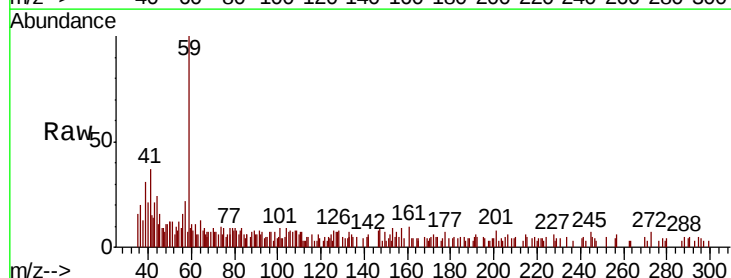
Acq: 21 Aug 2019 14:44

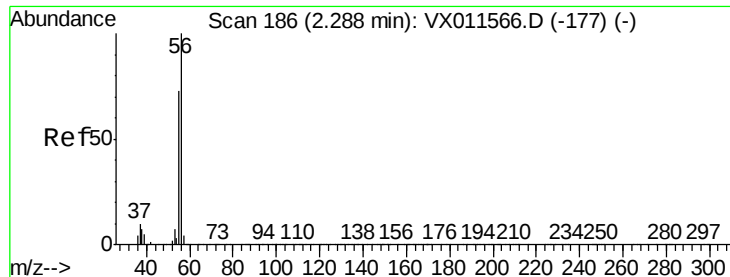
Tgt Ion: 59 Resp: 3914

Ion Ratio Lower Upper

59 100

57 18.7 8.7 13.1#





#13

Acrolein

Concen: 12.701 ug/l

RT: 2.25 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

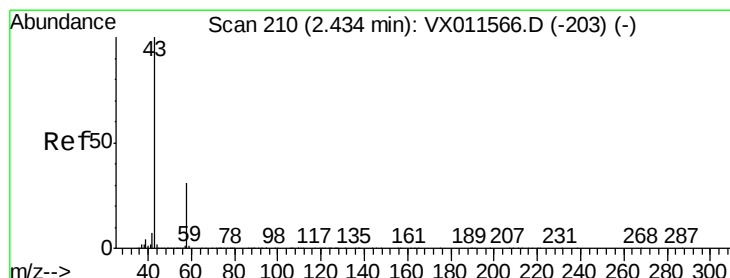
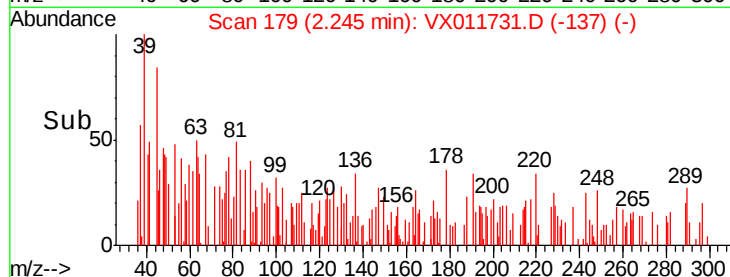
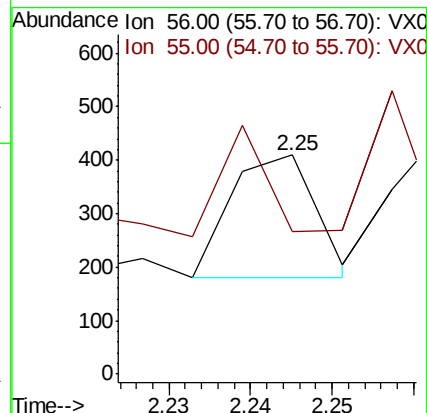
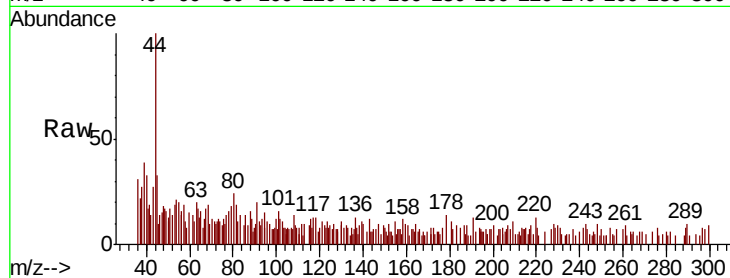
TWP-1-B-1

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 82.0 55.5 83.3



#16

Acetone

Concen: 18.946 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011731.D

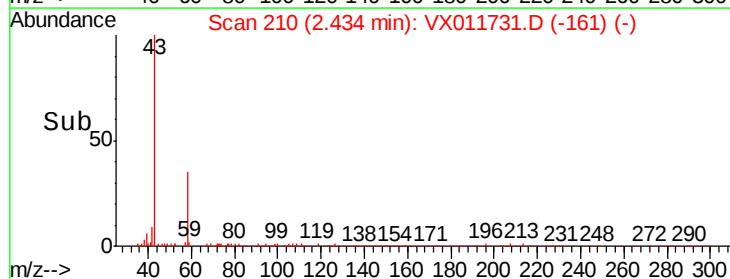
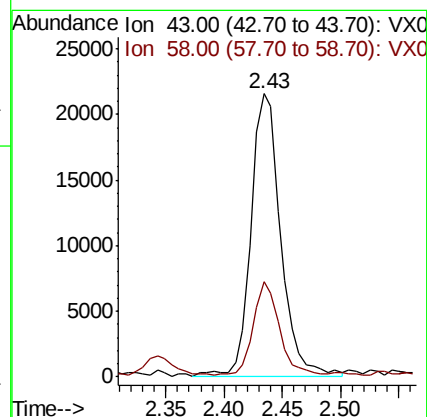
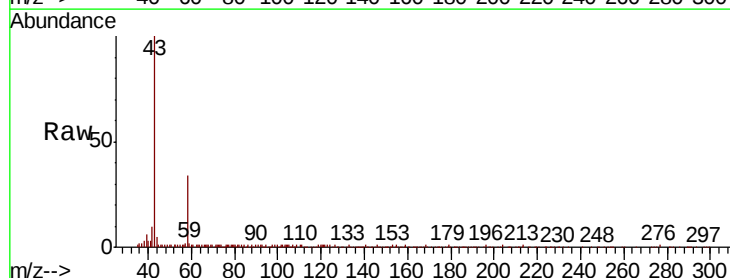
Acq: 21 Aug 2019 14:44

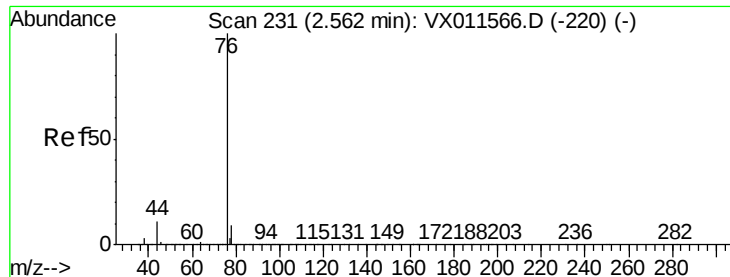
Tgt Ion: 43 Resp: 38810

Ion Ratio Lower Upper

43 100

58 32.6 25.2 37.8





#17

Carbon Disulfide

Concen: 0.210 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

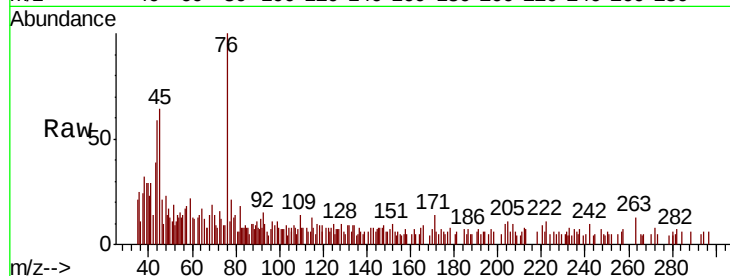
TWP-1-B-1

Tgt Ion: 76 Resp: 1852

Ion Ratio Lower Upper

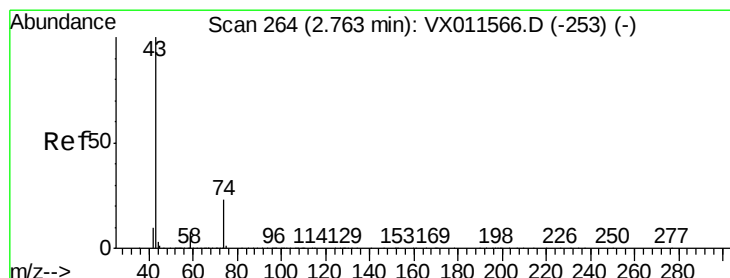
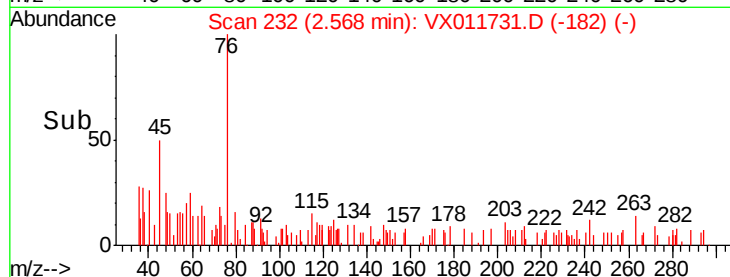
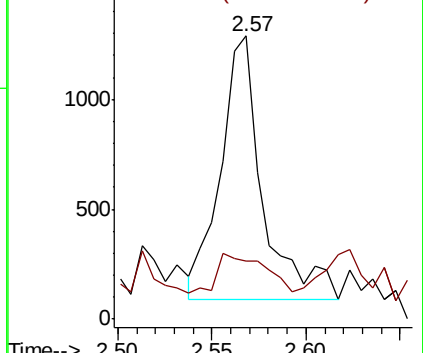
76 100

78 12.5 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.567 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011731.D

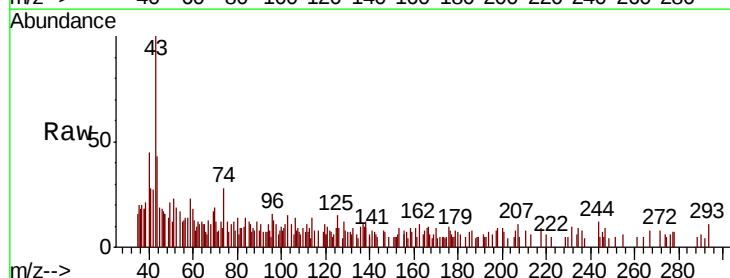
Acq: 21 Aug 2019 14:44

Tgt Ion: 43 Resp: 3600

Ion Ratio Lower Upper

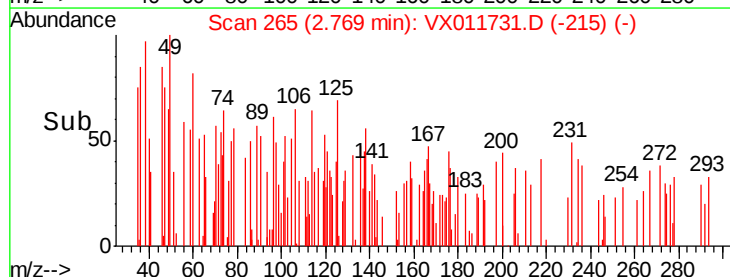
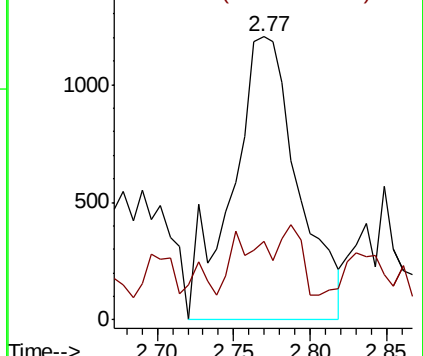
43 100

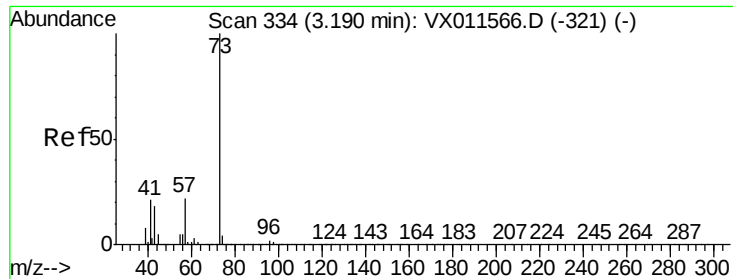
74 9.3 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

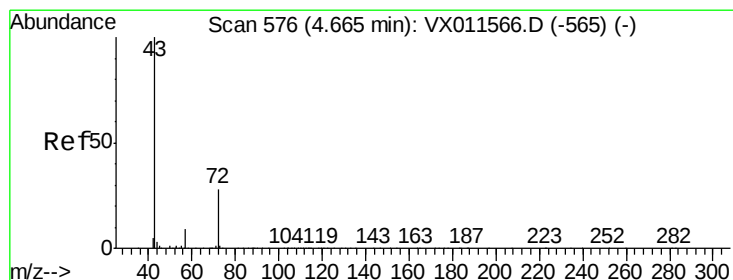
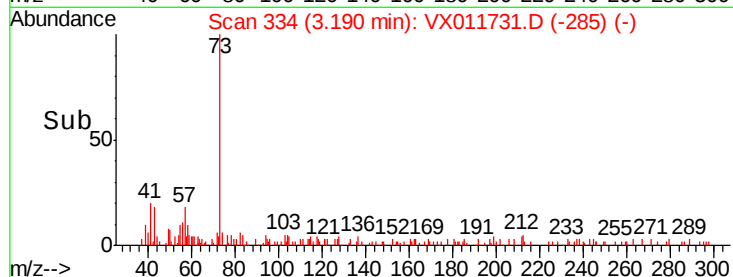
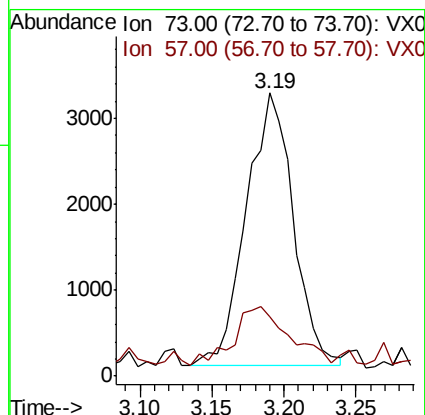
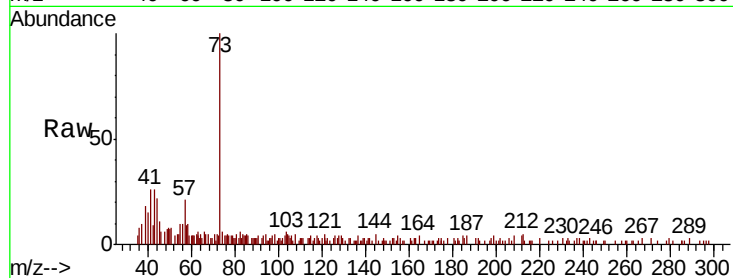




#19
Methyl tert-butyl Ether
Concen: 0.587 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

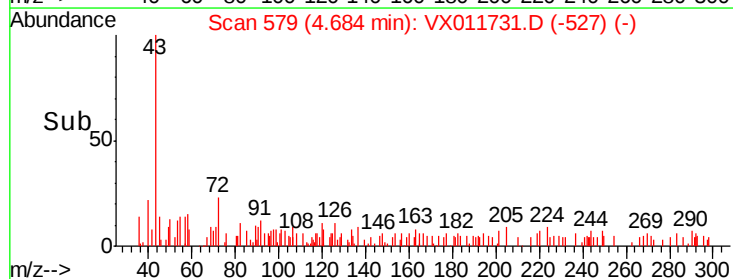
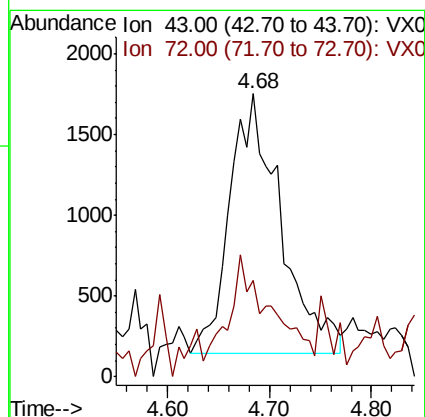
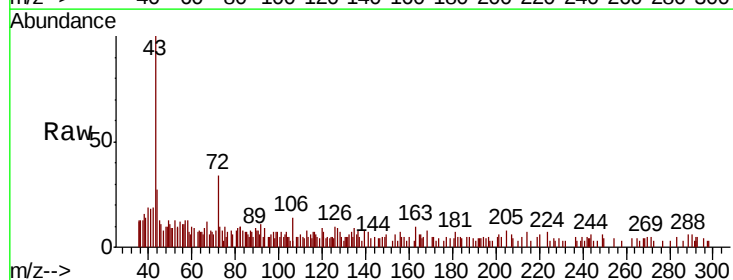
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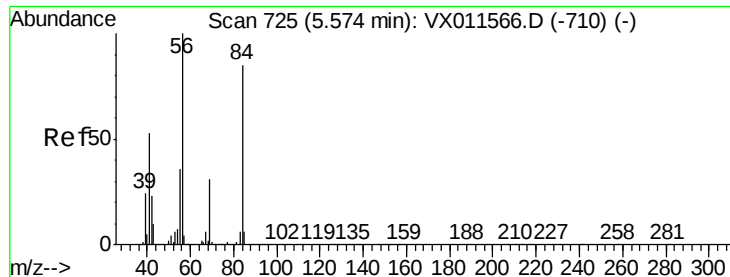
Tgt Ion: 73 Resp: 7163
Ion Ratio Lower Upper
73 100
57 17.7 17.2 25.8



#25
2-Butanone
Concen: 1.716 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 43 Resp: 5517
Ion Ratio Lower Upper
43 100
72 25.0 22.2 33.4

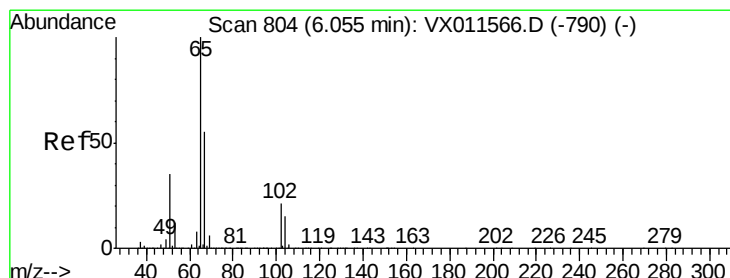
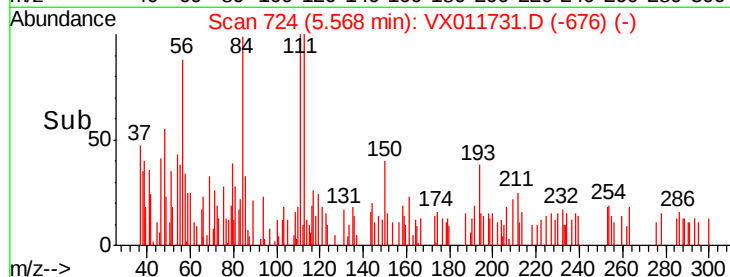
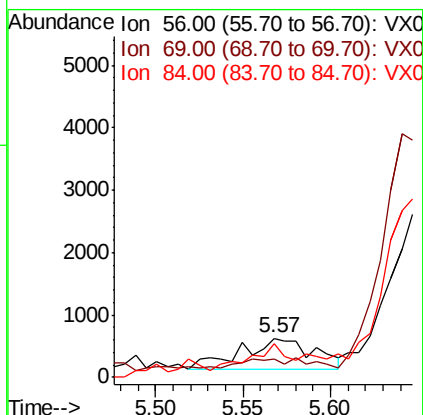
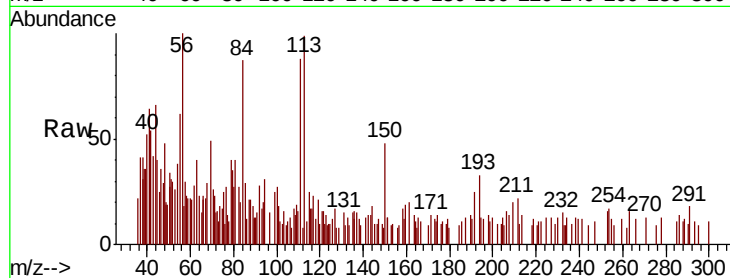




#31
Cyclohexane
Concen: 0.250 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

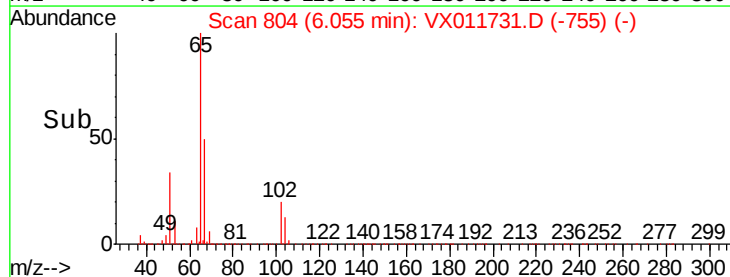
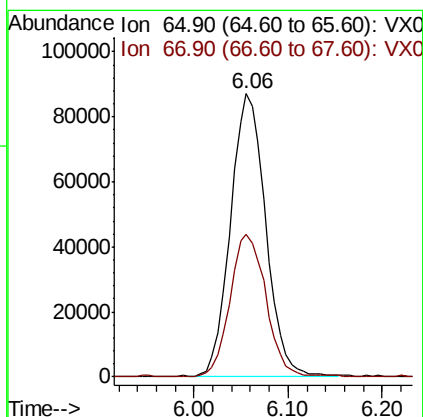
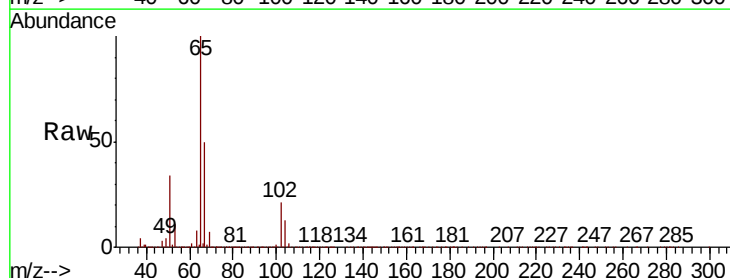
Instrument :
MSVOA_X
ClientSampled :
TWP-1-B-1

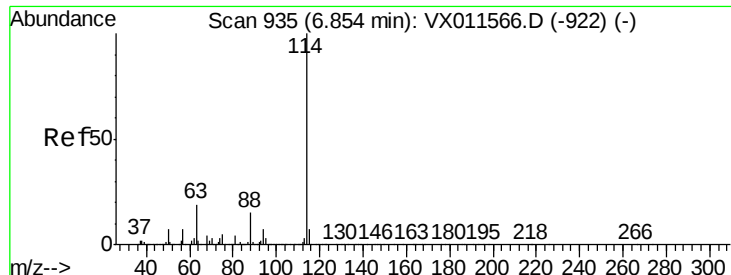
Tgt Ion: 56 Resp: 1513
Ion Ratio Lower Upper
56 100
69 14.6 24.8 37.2#
84 49.2 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 55.774 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 65 Resp: 227214
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

TWP-1-B-1

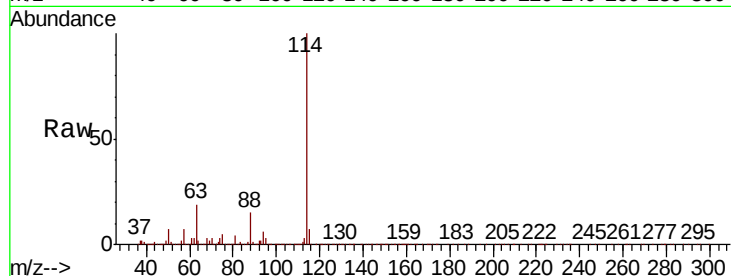
Tgt Ion:114 Resp: 618690

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

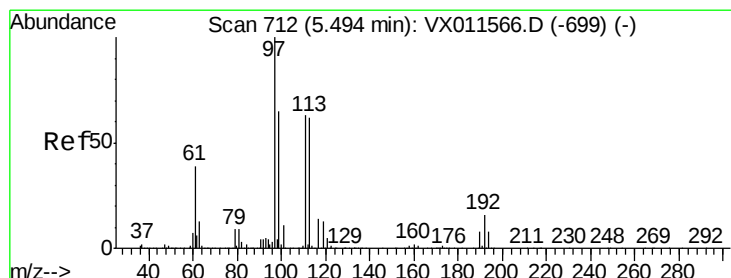
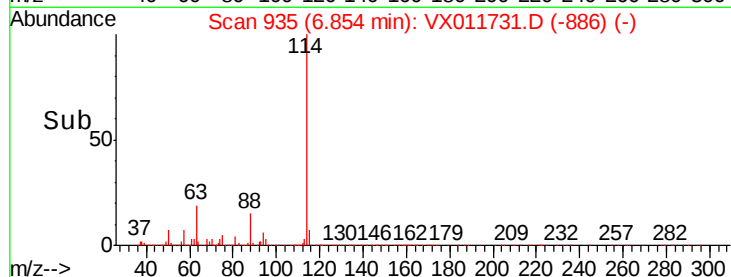
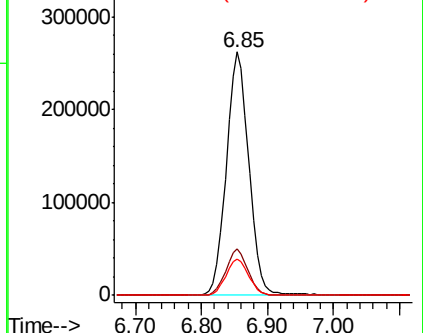
88 14.9 0.0 30.2



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: 45.892 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

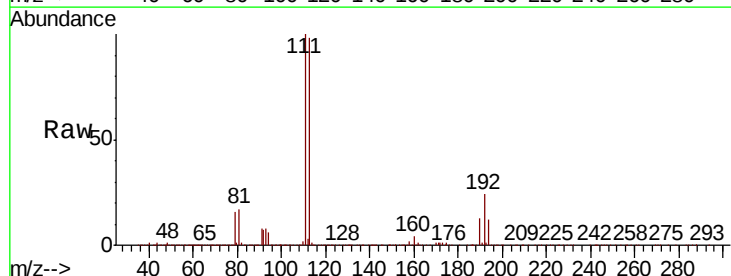
Tgt Ion:113 Resp: 185709

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

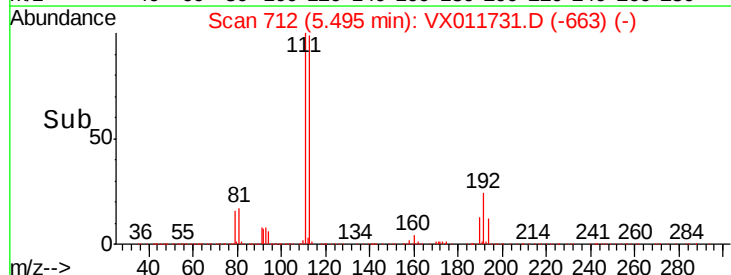
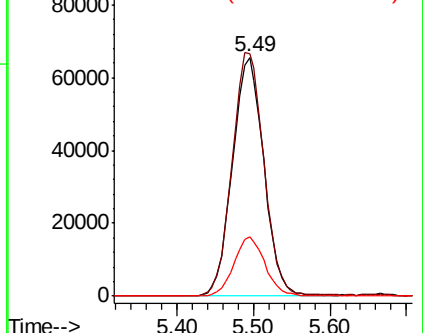
192 24.6 20.8 31.2

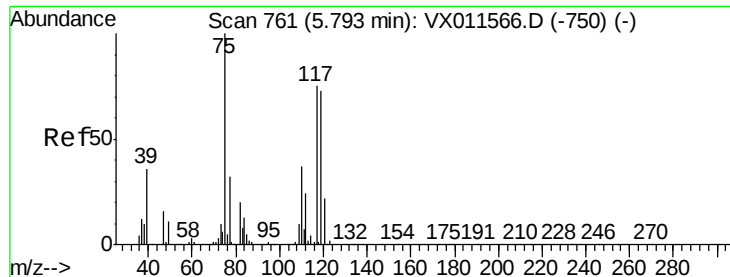


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

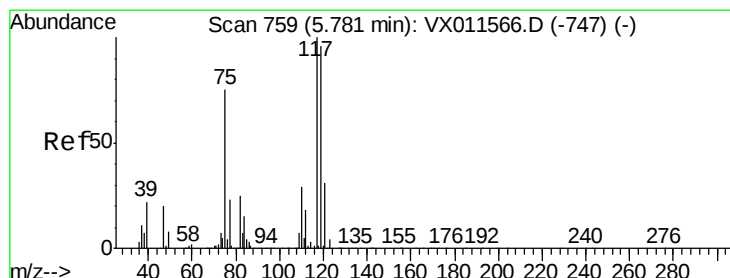
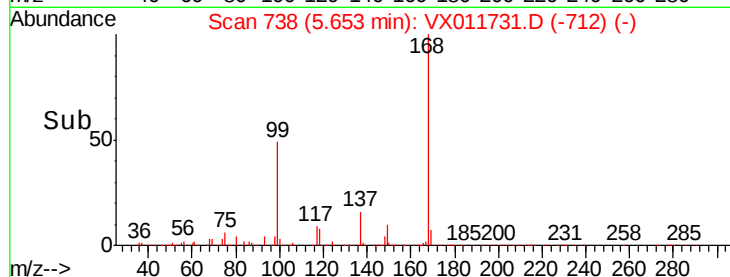
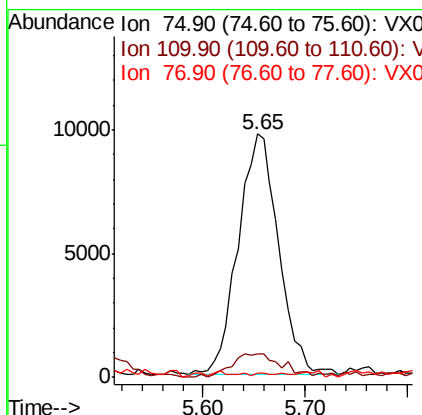
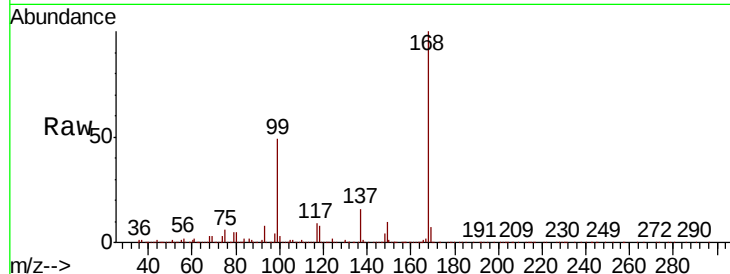




#36
 1,1-Dichloropropene
 Concen: 5.043 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

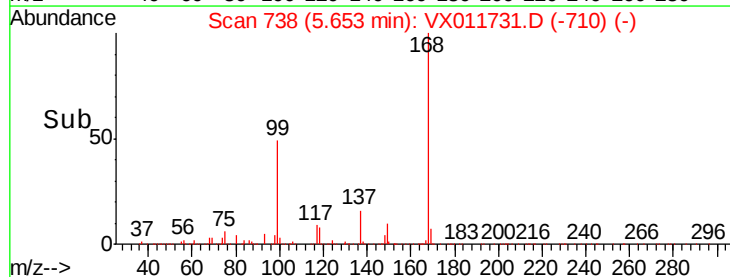
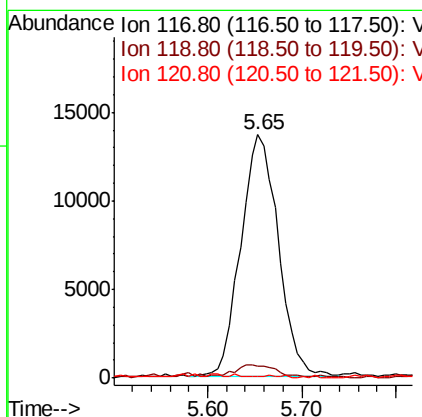
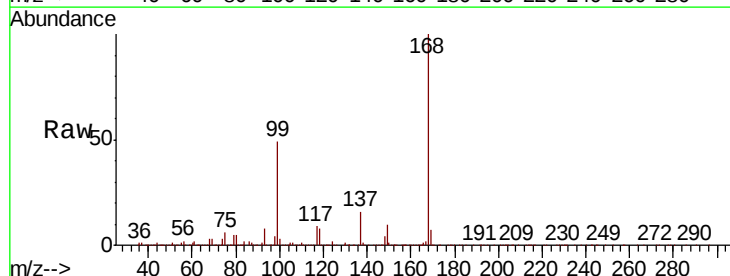
Instrument :
 MSVOA_X
 ClientSampled :
 TWP-1-B-1

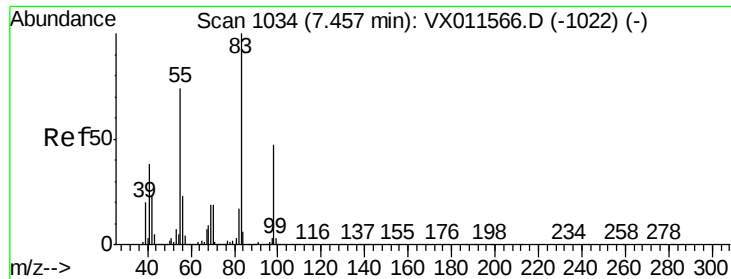
Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.0	19.4	58.1#
77	0.3	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.563 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.9	115.3#
121	1.1	24.8	37.2#

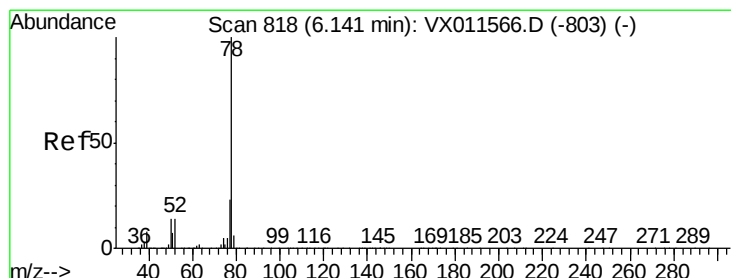
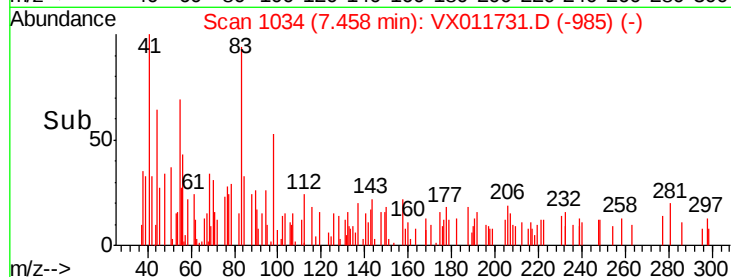
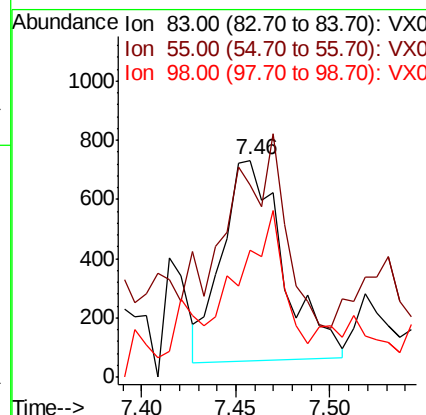
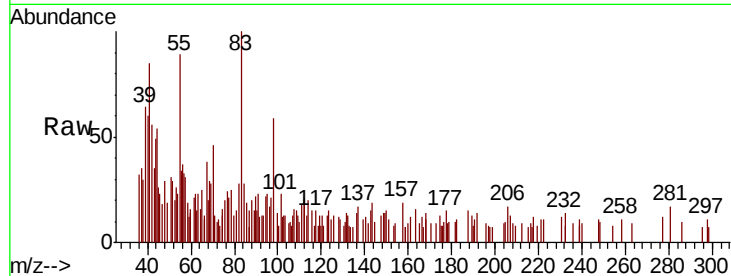




#39
Methylcyclohexane
Concen: 0.234 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

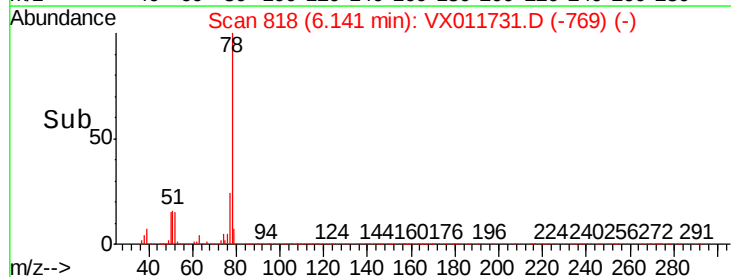
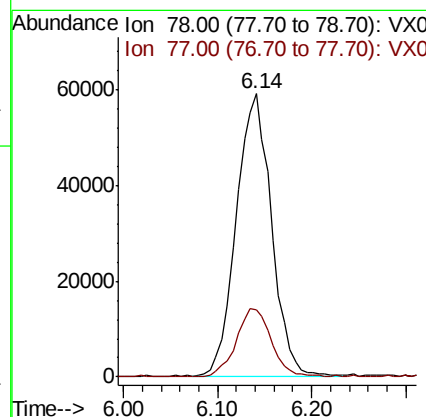
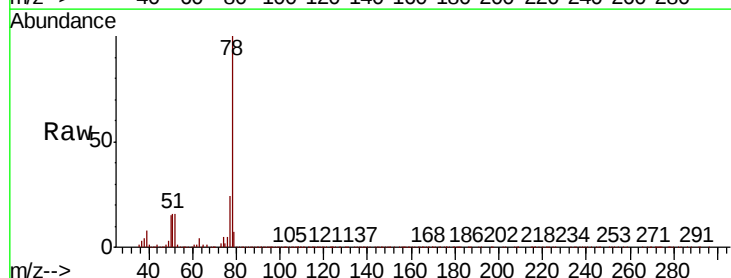
Instrument :
MSVOA_X
ClientSampled :
TWP-1-B-1

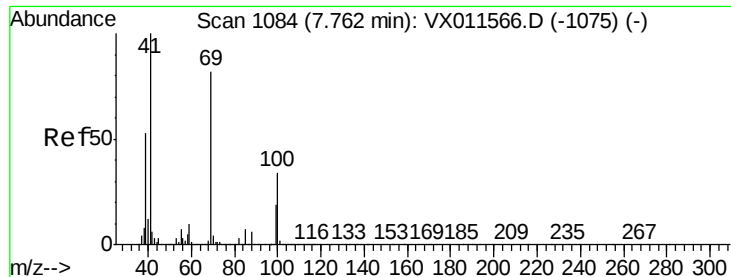
Tgt Ion: 83 Resp: 1527
Ion Ratio Lower Upper
83 100
55 100.2 58.8 88.2#
98 34.8 37.8 56.6#



#40
Benzene
Concen: 9.295 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 78 Resp: 152796
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

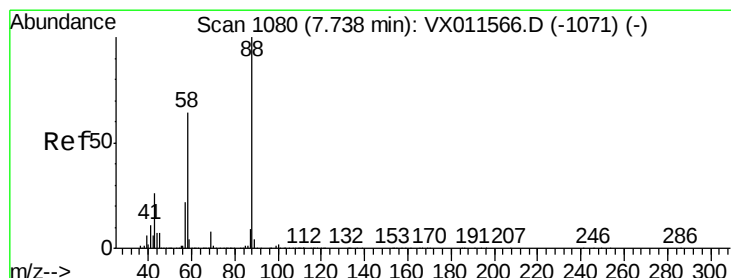
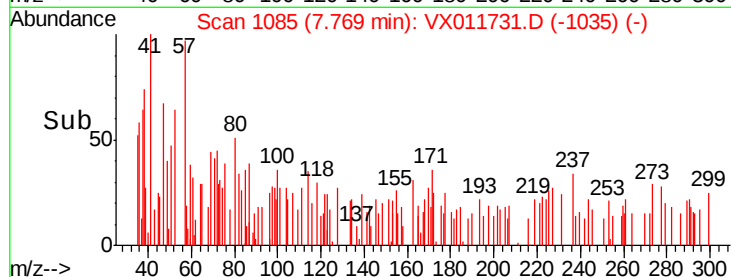
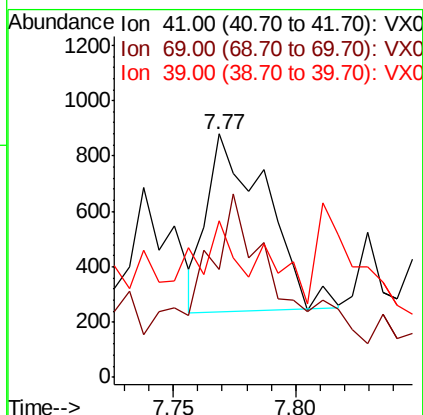
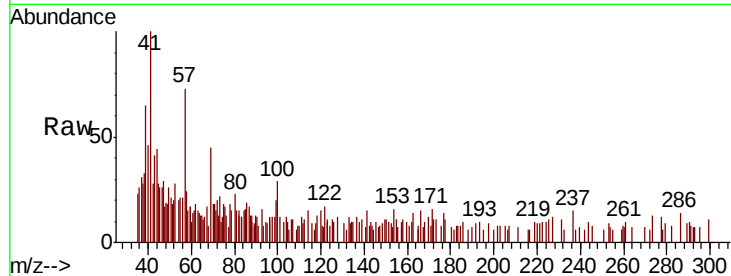




#48
Methyl methacrylate
Concen: 0.229 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

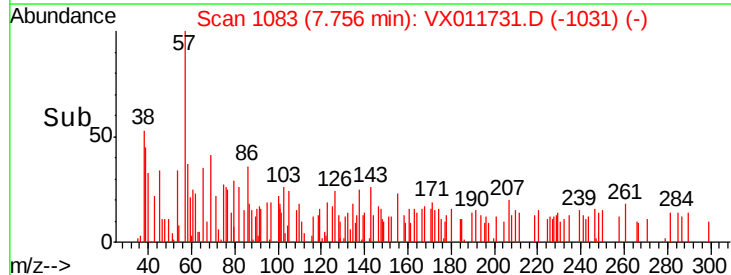
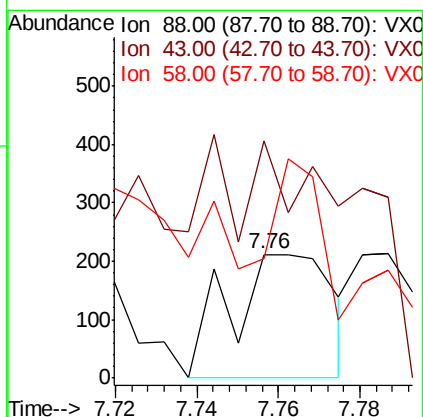
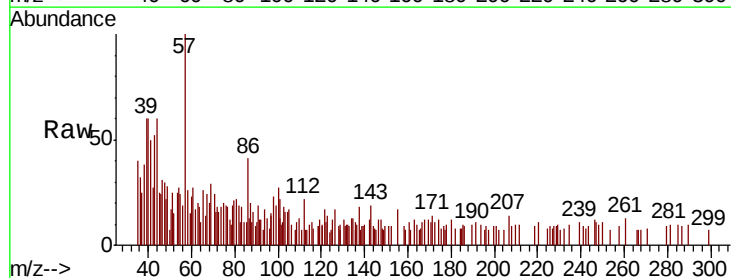
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-B-1

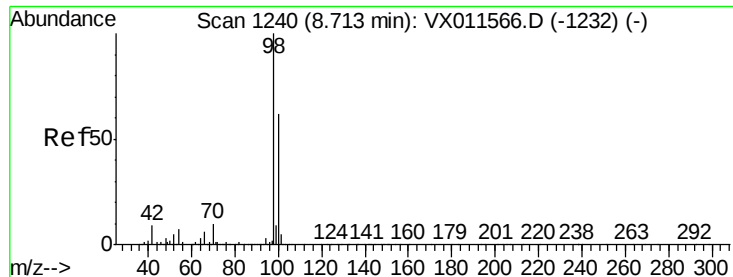
Tgt Ion: 41 Resp: 1078
Ion Ratio Lower Upper
41 100
69 121.8 67.9 101.9#
39 52.9 41.6 62.4



#49
1,4-Dioxane
Concen: 2.958 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 68.4 54.3 81.5

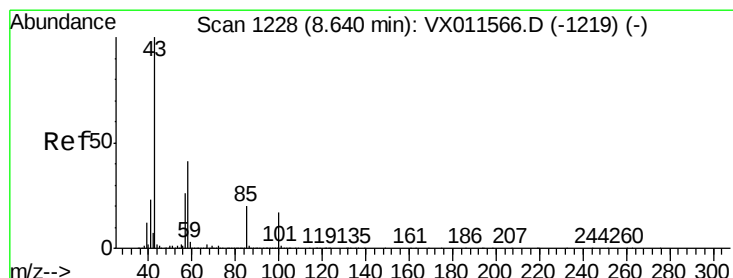
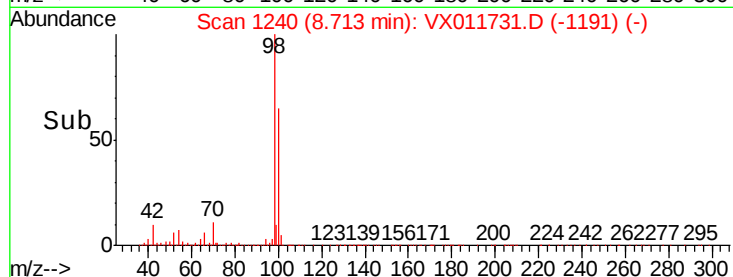
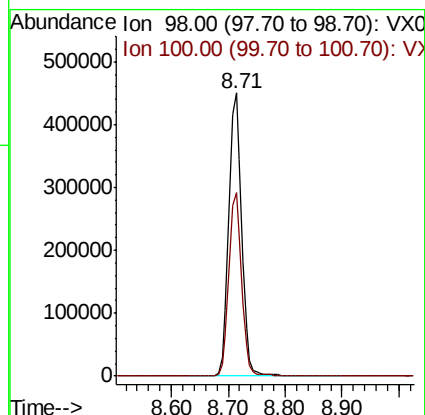
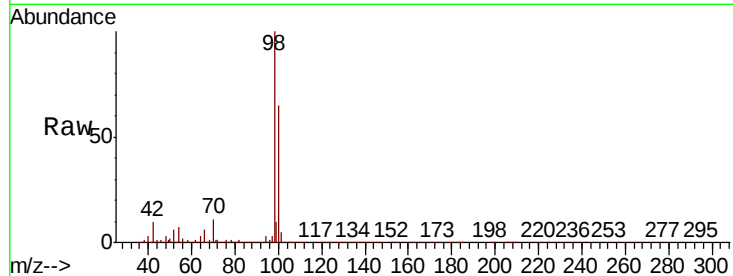




#50
Toluene-d8
Concen: 56.149 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

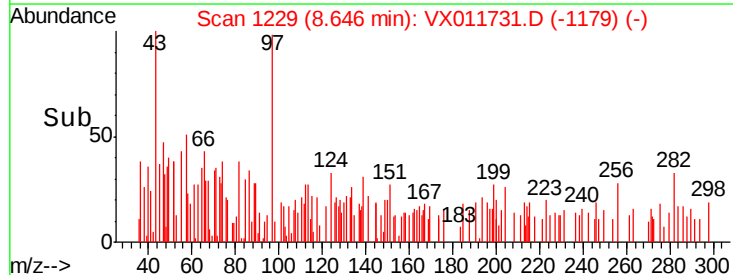
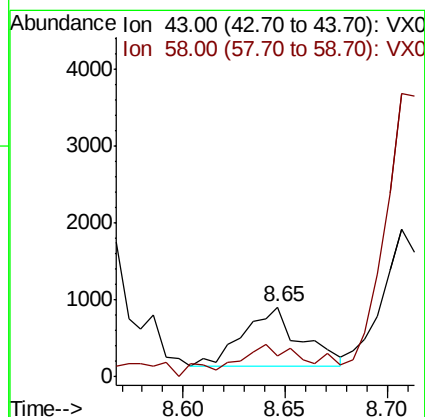
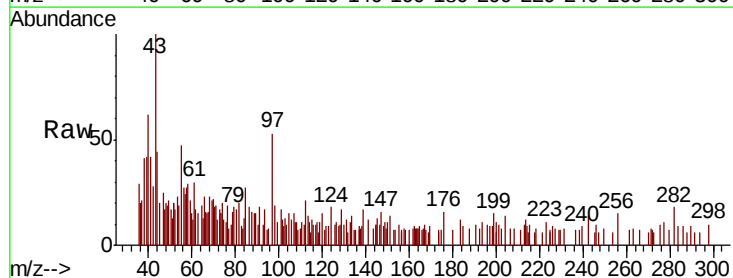
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-B-1

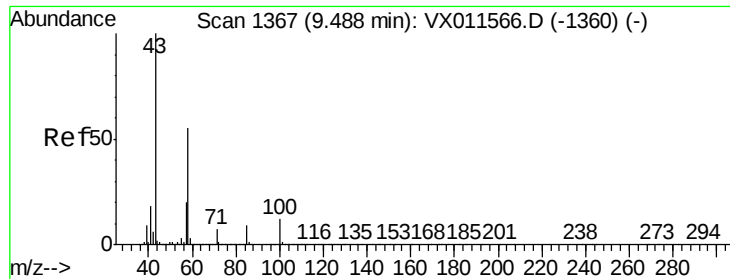
Tgt Ion: 98 Resp: 707968
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 35.7 31.8 47.6

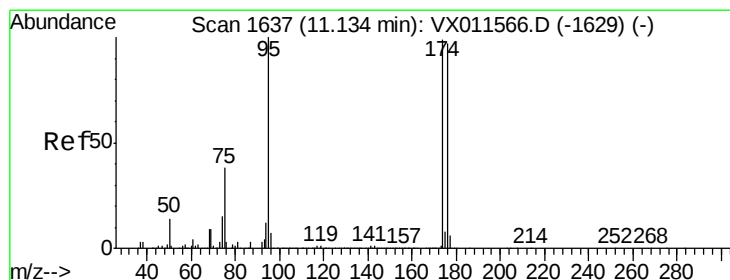
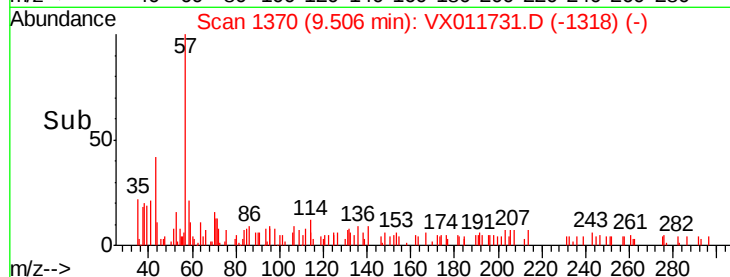
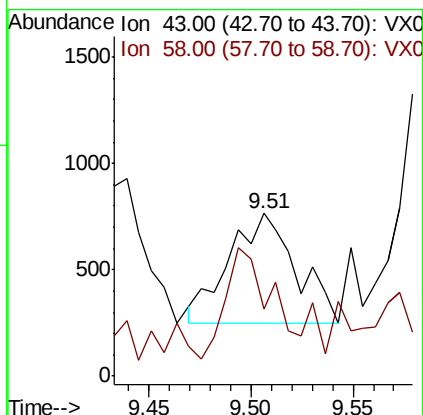
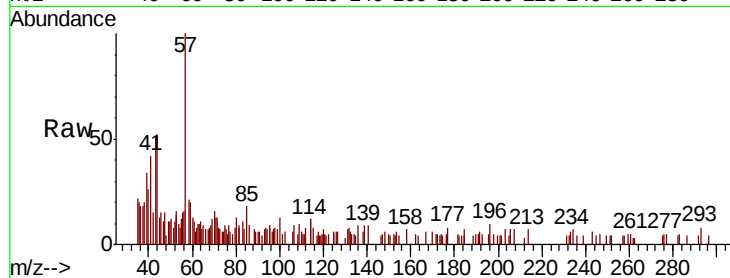




#59
2-Hexanone
Concen: 0.243 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

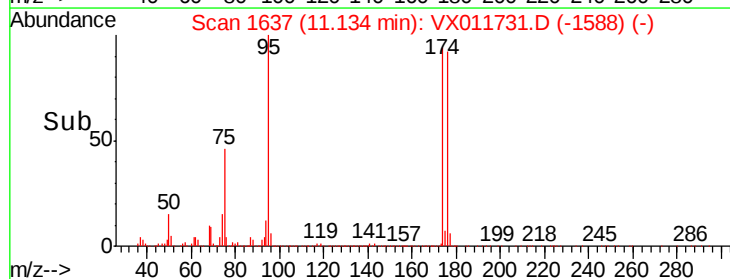
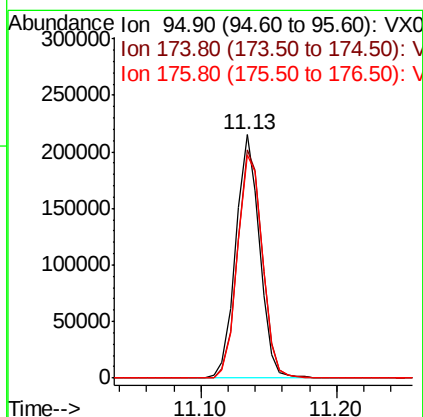
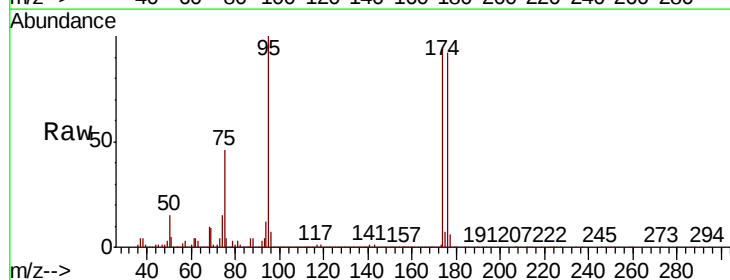
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-B-1

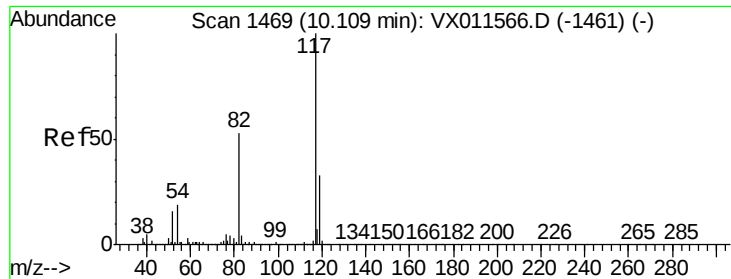
Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 69.6 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 49.162 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 95 Resp: 261640
Ion Ratio Lower Upper
95 100
174 97.7 0.0 200.6
176 96.1 0.0 196.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

TWP-1-B-1

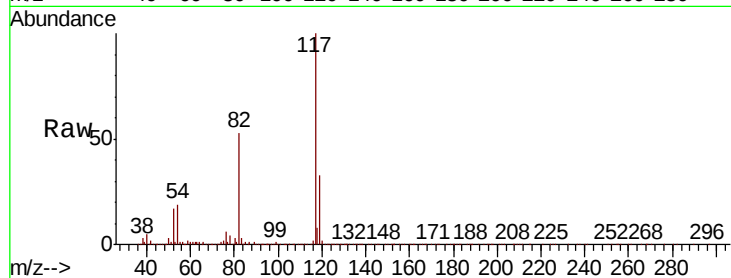
Tgt Ion:117 Resp: 554300

Ion Ratio Lower Upper

117 100

82 52.9 42.0 63.0

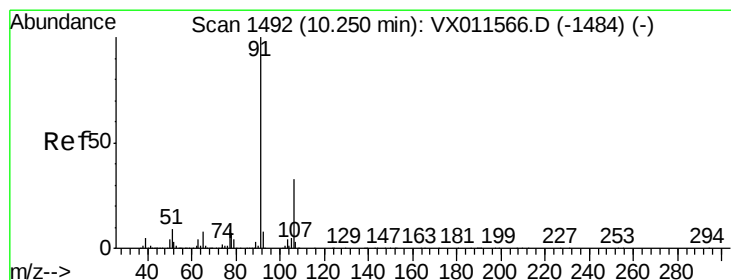
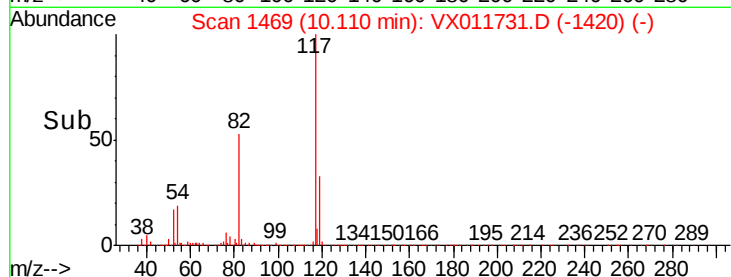
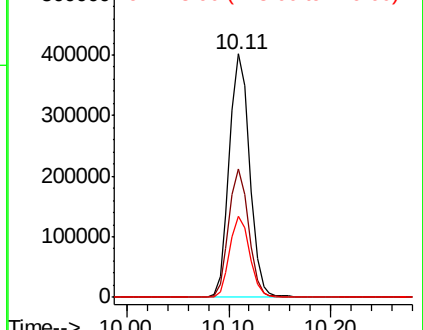
119 33.2 26.5 39.7



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: 0.427 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011731.D

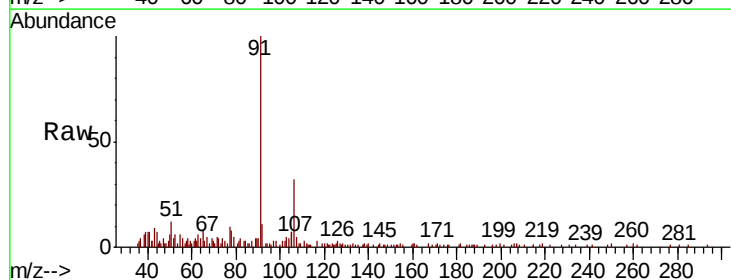
Acq: 21 Aug 2019 14:44

Tgt Ion: 91 Resp: 8432

Ion Ratio Lower Upper

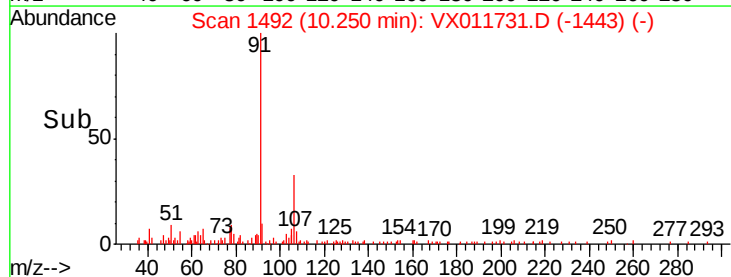
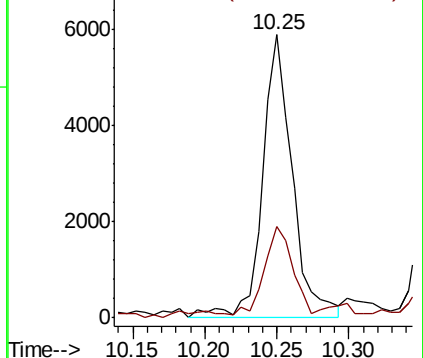
91 100

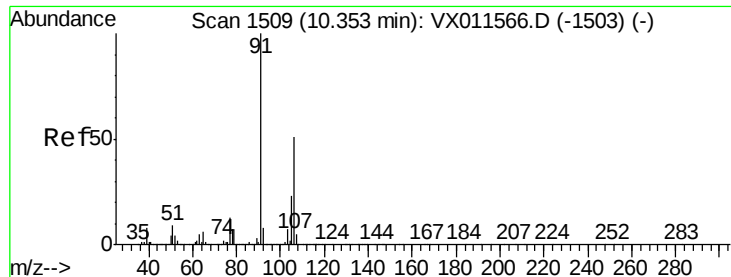
106 30.9 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

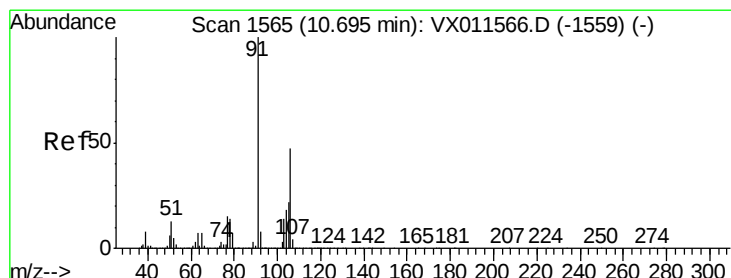
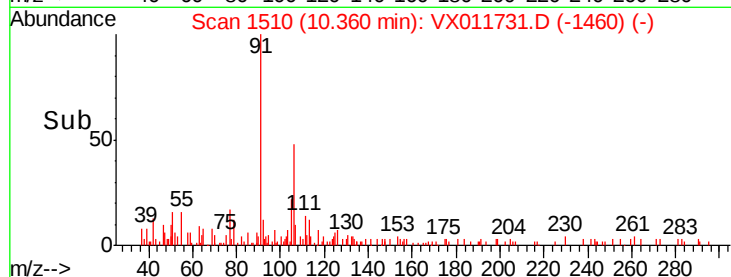
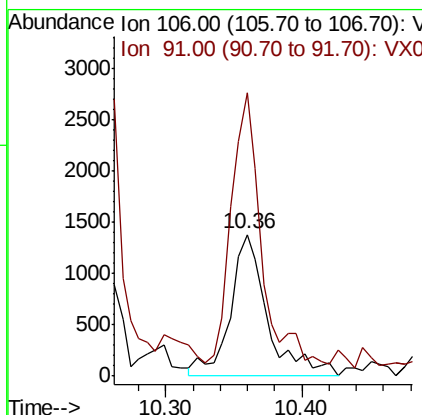
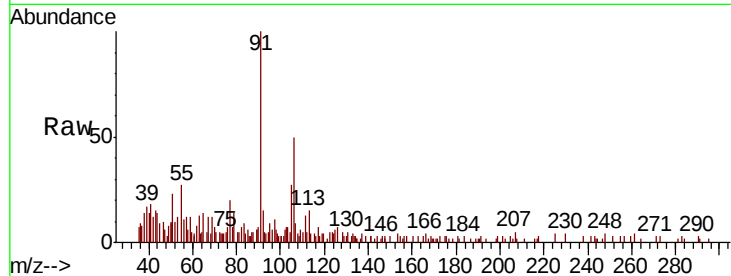




#68
m/p-Xylenes
Concen: 0.347 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

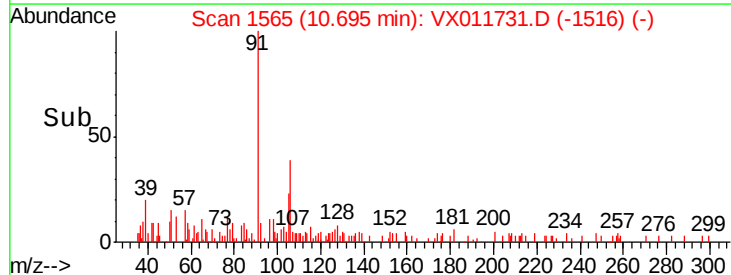
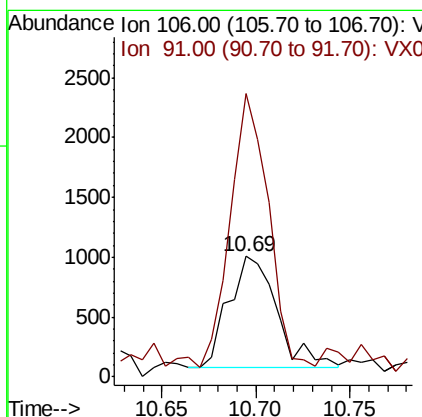
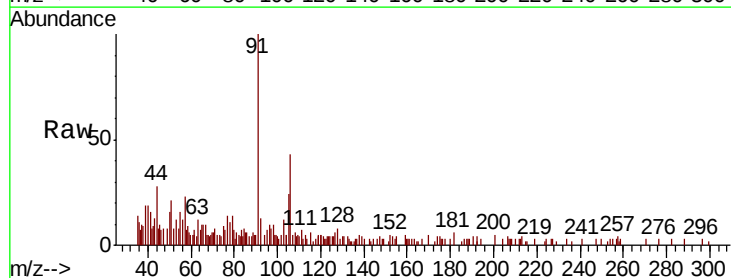
Instrument :
MSVOA_X
ClientSampleId :
TWP-1-B-1

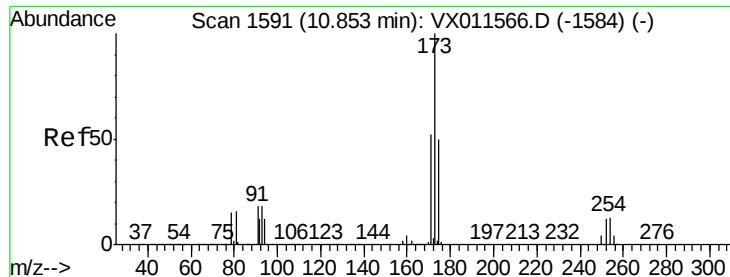
Tgt Ion:106 Resp: 2627
Ion Ratio Lower Upper
106 100
91 152.2 156.0 234.0#



#69
o-Xylene
Concen: 0.223 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion:106 Resp: 1658
Ion Ratio Lower Upper
106 100
91 192.9 105.5 316.4





#71

Bromoform

Concen: 3.321 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampled :

TWP-1-B-1

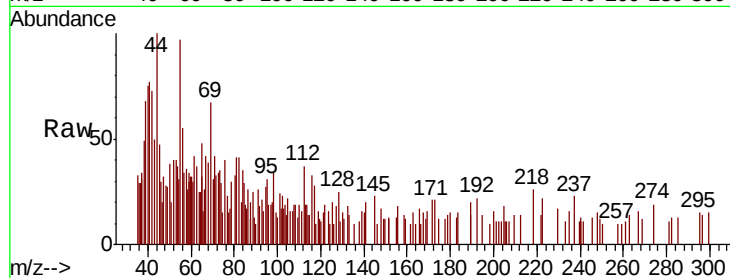
Tgt Ion:173 Resp: 134

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

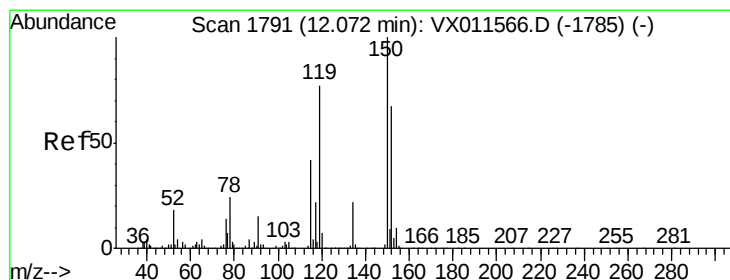
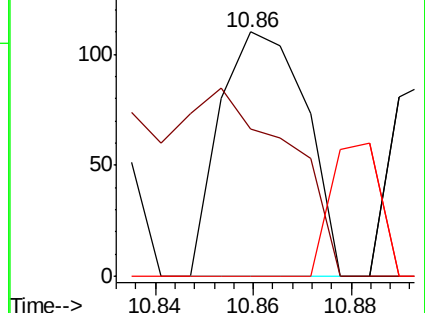
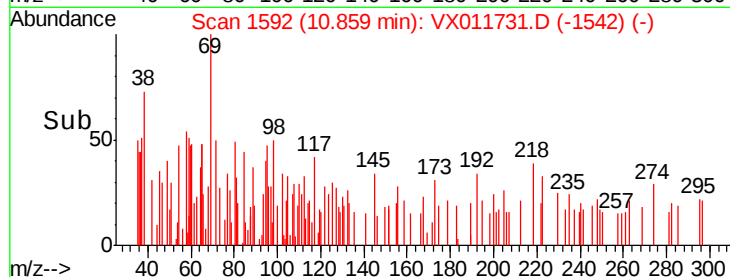
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

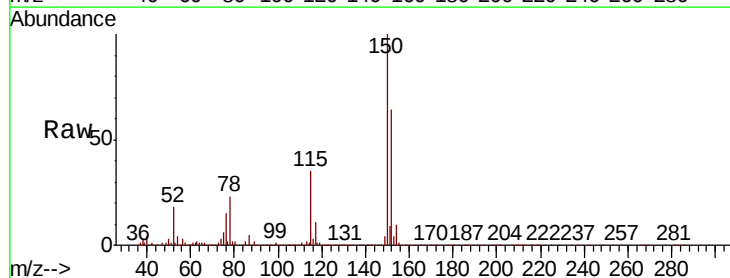
Tgt Ion:152 Resp: 285798

Ion Ratio Lower Upper

152 100

115 54.5 37.3 111.9

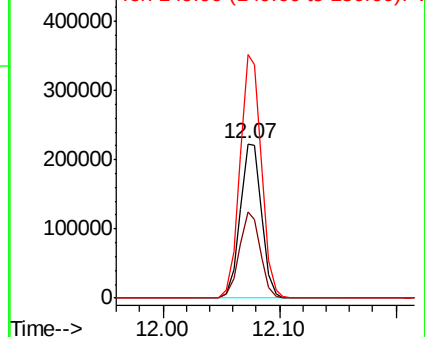
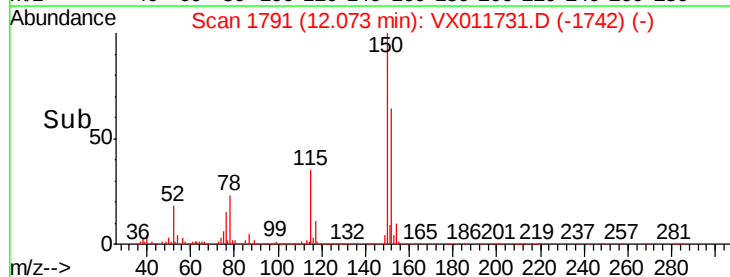
150 157.1 0.0 346.2

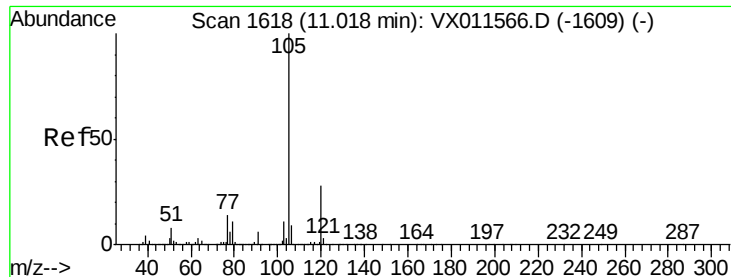


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.497 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

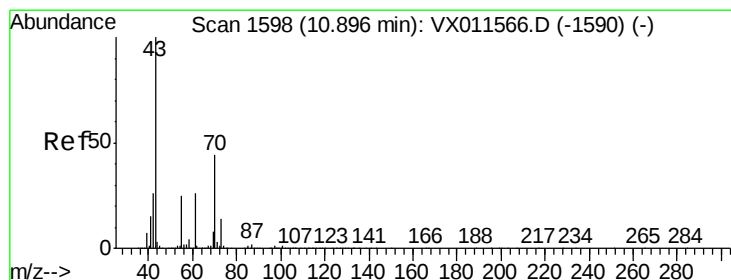
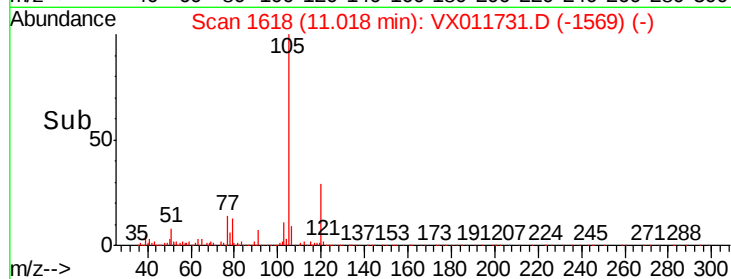
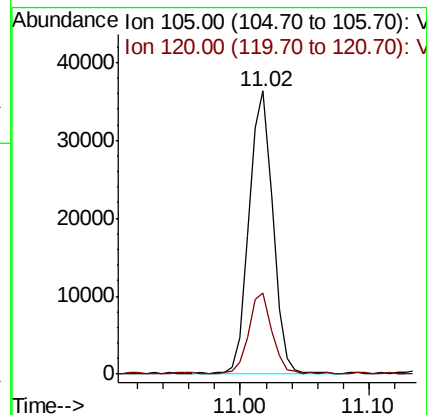
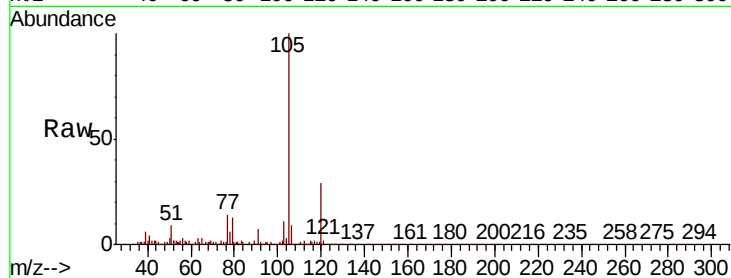
TWP-1-B-1

Tgt Ion: 105 Resp: 46310

Ion Ratio Lower Upper

105 100

120 28.4 14.0 41.9



#74

N-ethyl acetate

Concen: 0.666 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Tgt Ion: 43 Resp: 5248

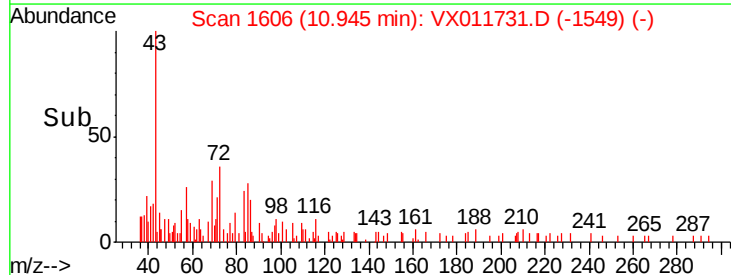
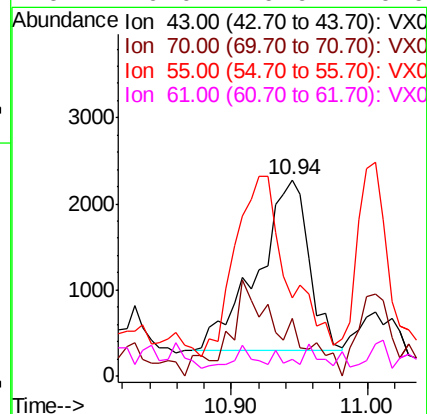
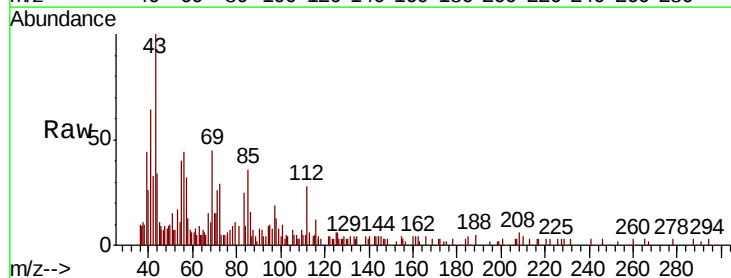
Ion Ratio Lower Upper

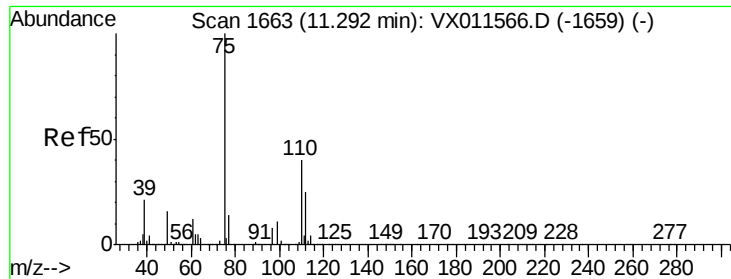
43 100

70 0.0 34.7 52.1#

55 108.4 19.6 29.4#

61 0.0 19.9 29.9#

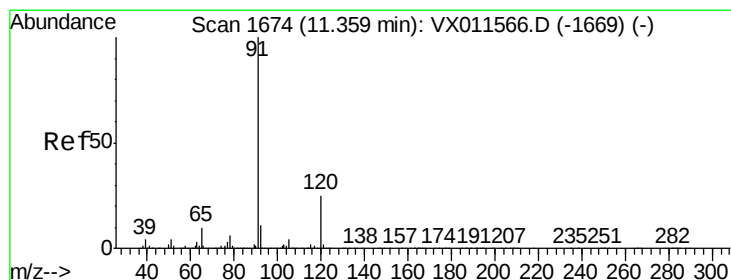
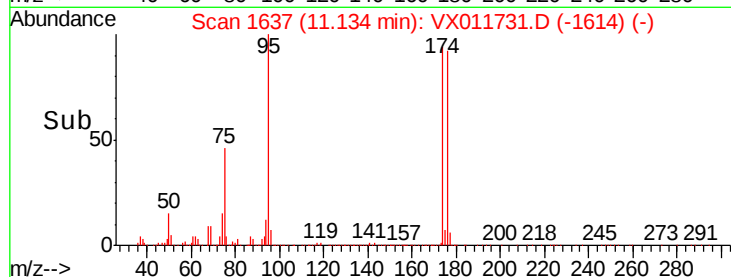
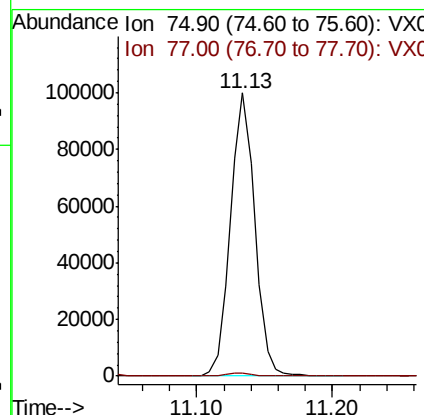
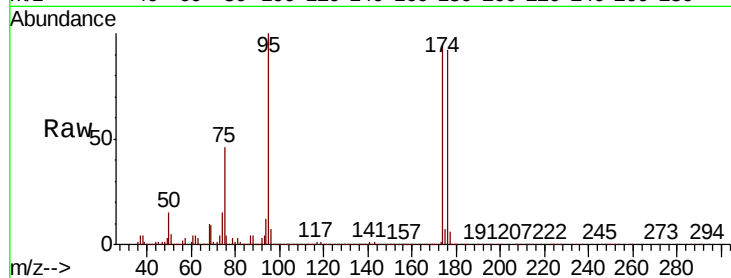




#76
 1,2,3-Trichloropropane
 Concen: 22.754 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

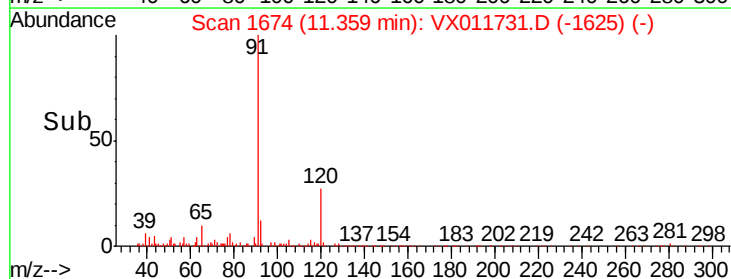
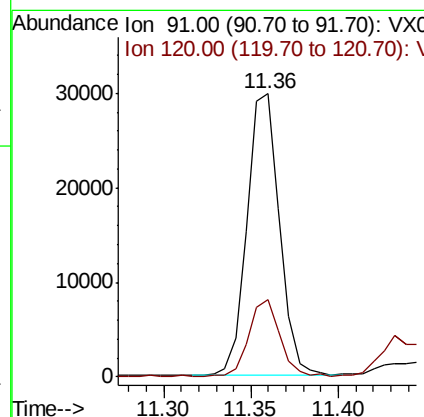
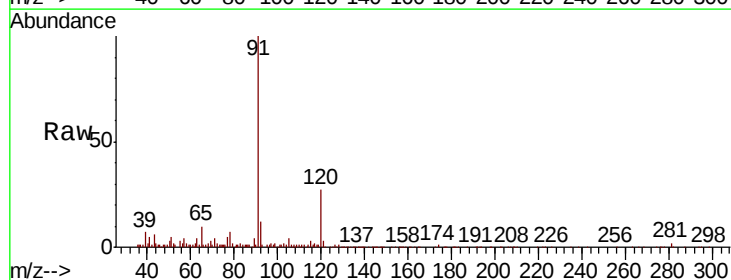
Instrument :
 MSVOA_X
 ClientSampled :
 TWP-1-B-1

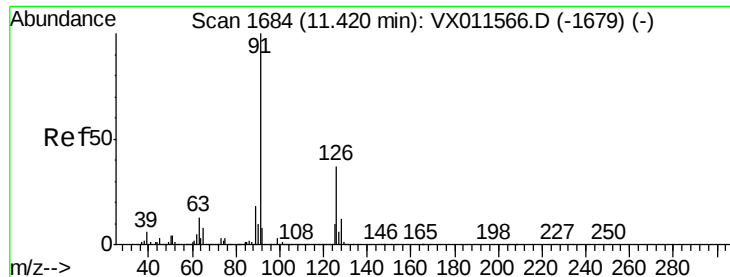
Tgt Ion: 75 Resp: 123313
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.8#



#78
 n-propylbenzene
 Concen: 1.923 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

Tgt Ion: 91 Resp: 38461
 Ion Ratio Lower Upper
 91 100
 120 26.7 12.6 37.6





#79

2-Chlorotoluene

Concen: 0.285 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

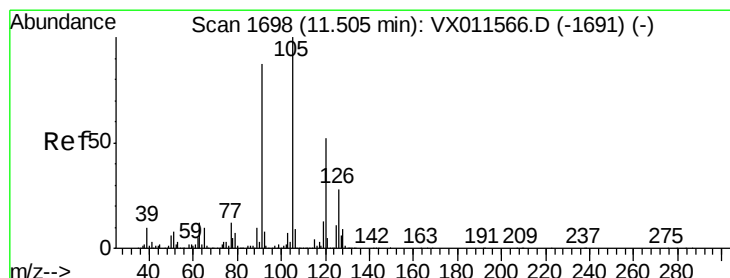
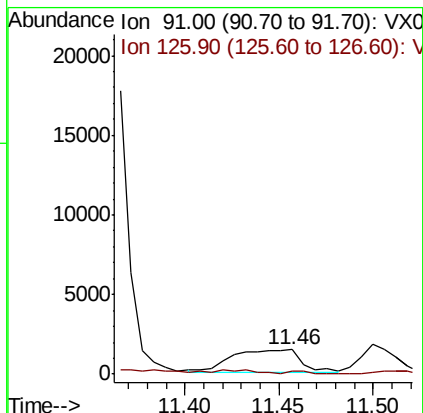
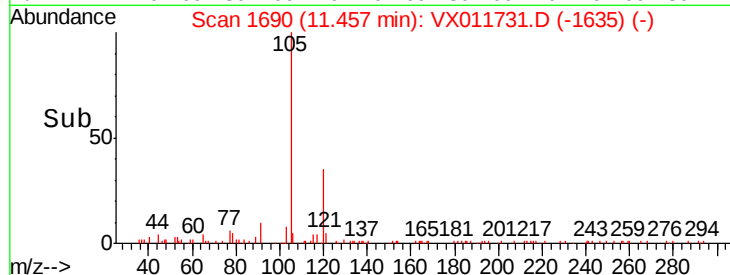
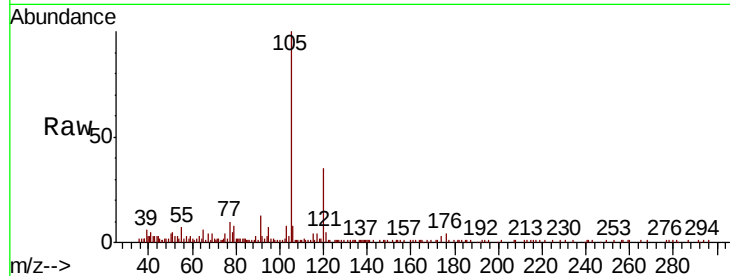
TWP-1-B-1

Tgt Ion: 91 Resp: 3497

Ion Ratio Lower Upper

91 100

126 4.6 18.4 55.0#



#80

1,3,5-Trimethylbenzene

Concen: 1.245 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011731.D

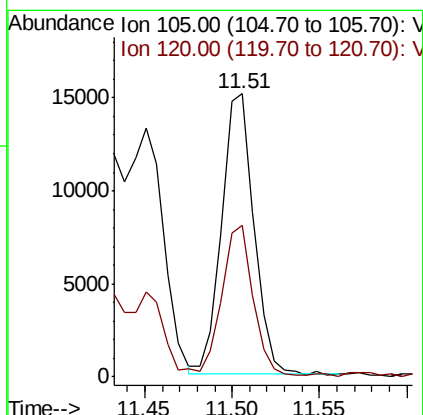
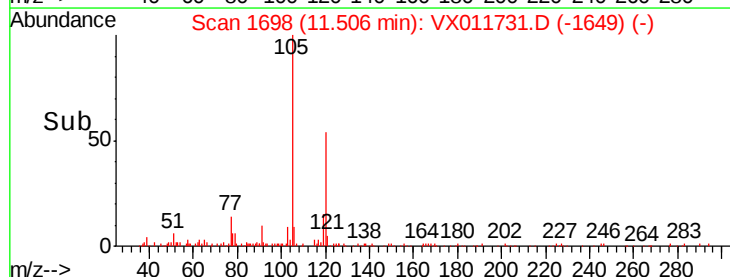
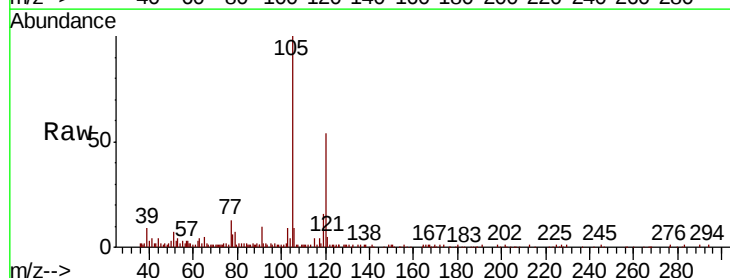
Acq: 21 Aug 2019 14:44

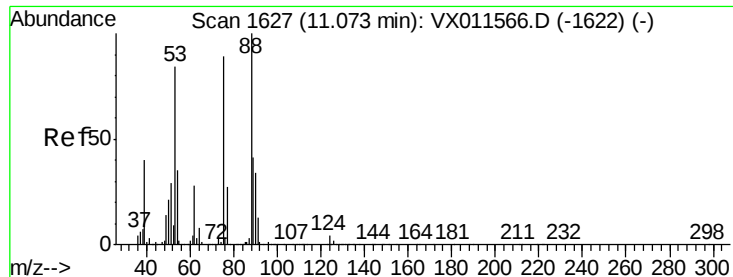
Tgt Ion: 105 Resp: 19395

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8

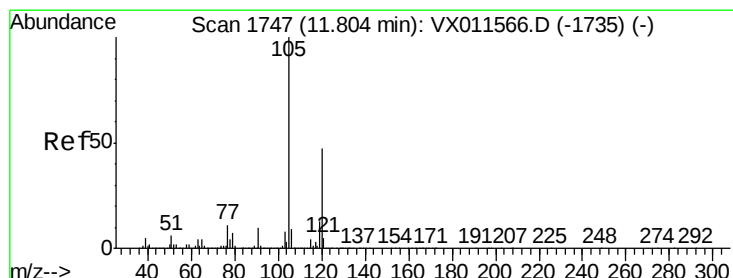
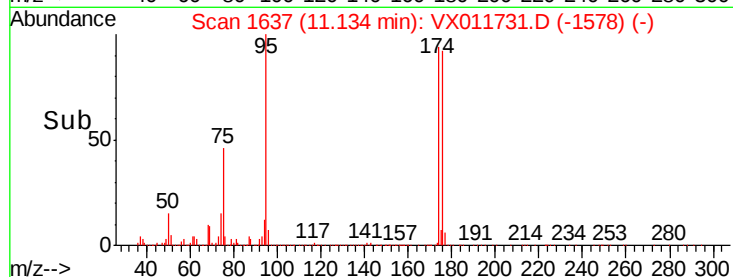
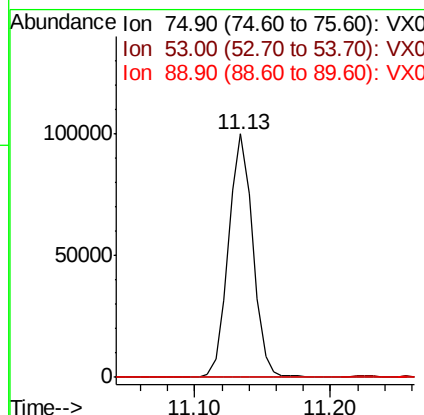
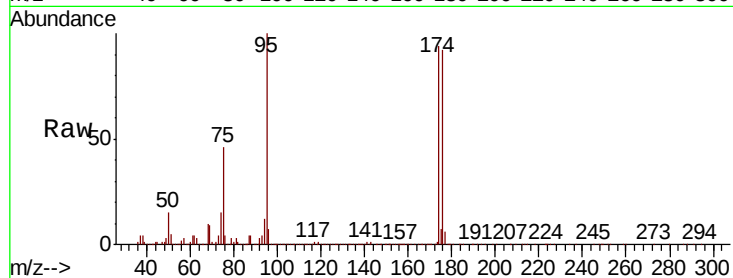




#81
trans-1,4-Dichloro-2-butene
Concen: 60.595 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

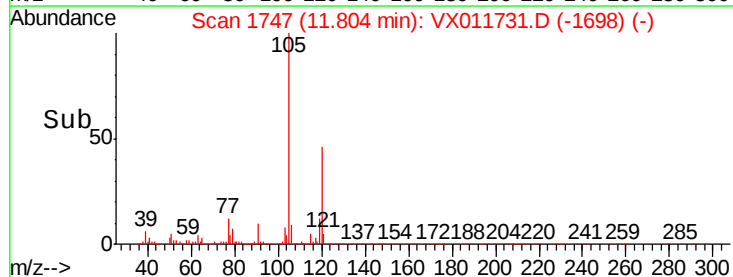
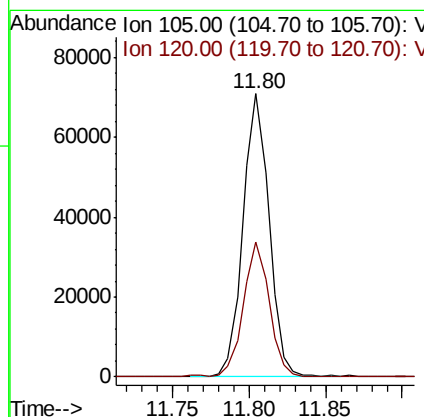
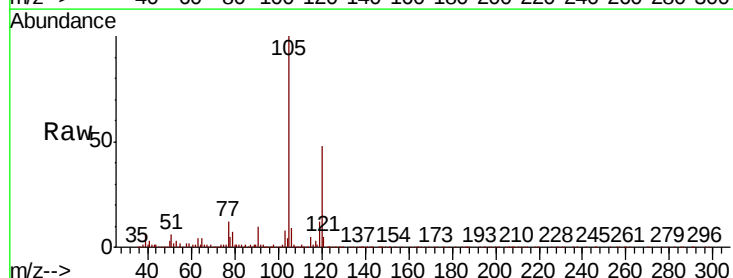
Instrument :
MSVOA_X
ClientSampled :
TWP-1-B-1

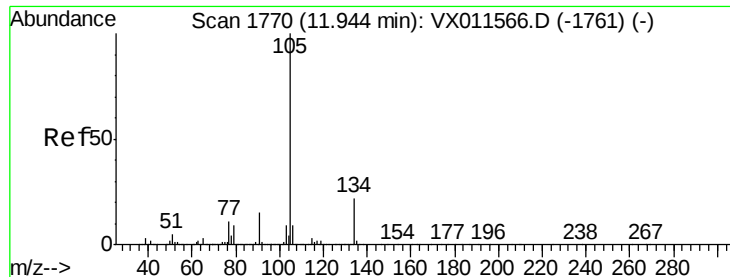
Tgt Ion: 75 Resp: 123313
Ion Ratio Lower Upper
75 100
53 0.1 77.4 116.0#
89 0.0 37.3 55.9#



#84
1,2,4-Trimethylbenzene
Concen: 5.318 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 105 Resp: 83168
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 2.069 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

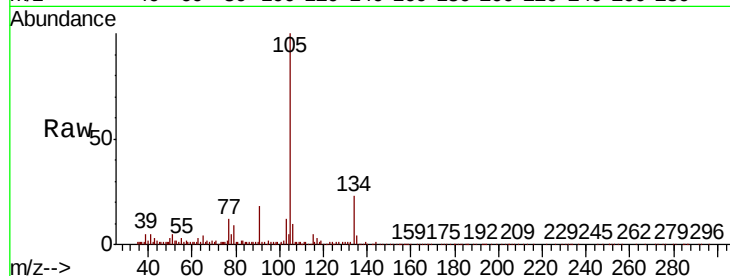
TWP-1-B-1

Tgt Ion:105 Resp: 37036

Ion Ratio Lower Upper

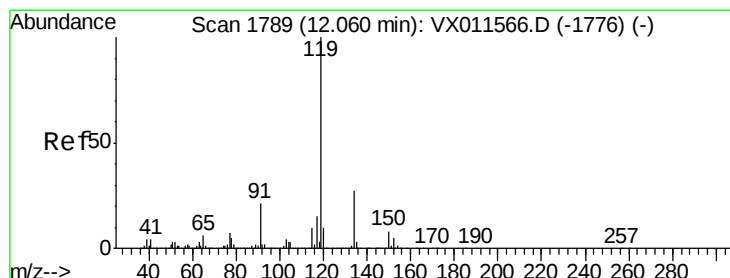
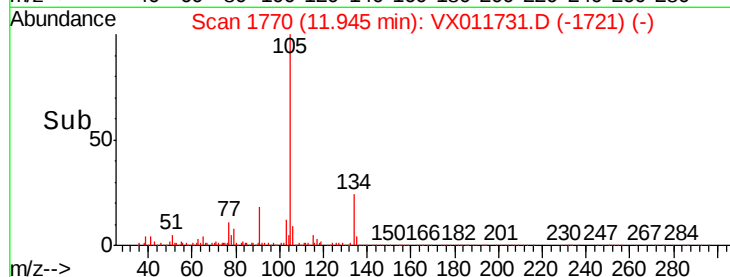
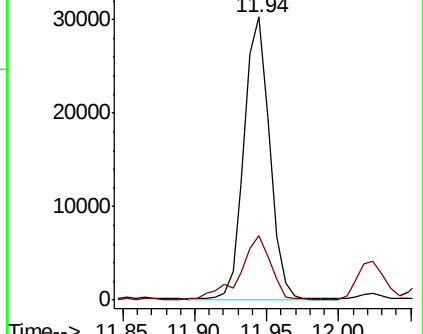
105 100

134 27.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.631 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011731.D

Acq: 21 Aug 2019 14:44

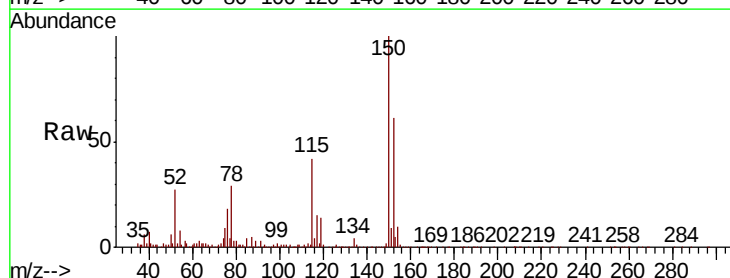
Tgt Ion:119 Resp: 10619

Ion Ratio Lower Upper

119 100

134 31.9 13.6 40.8

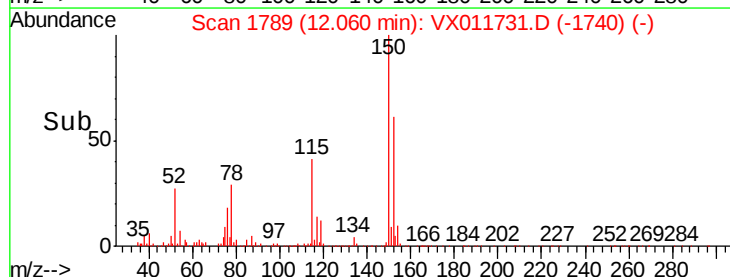
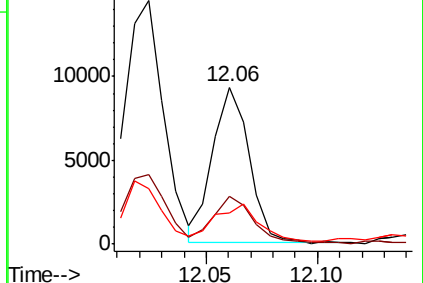
91 28.3 10.9 32.9

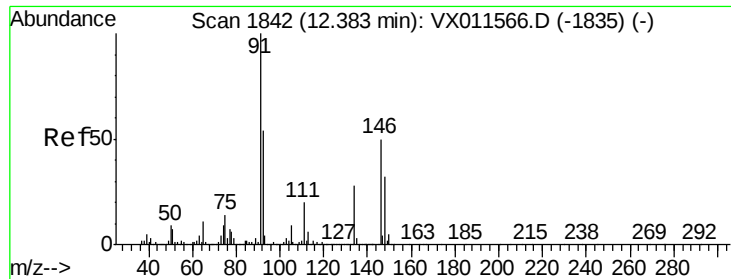


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

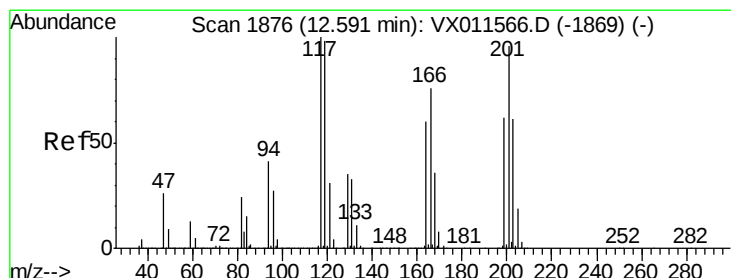
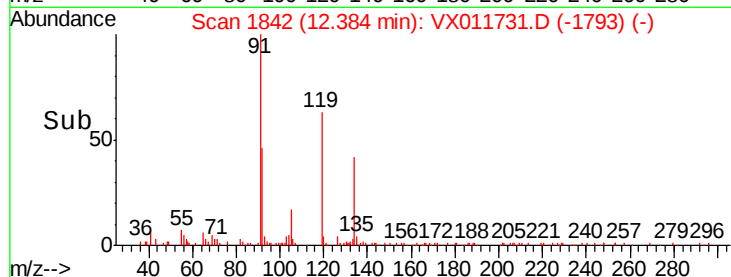
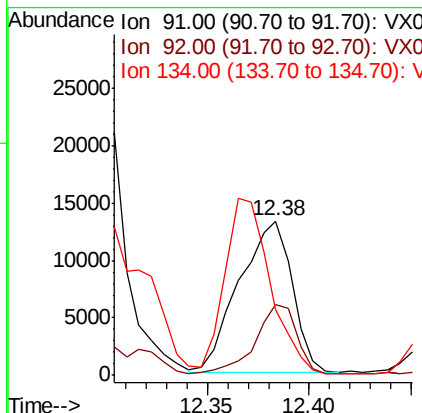
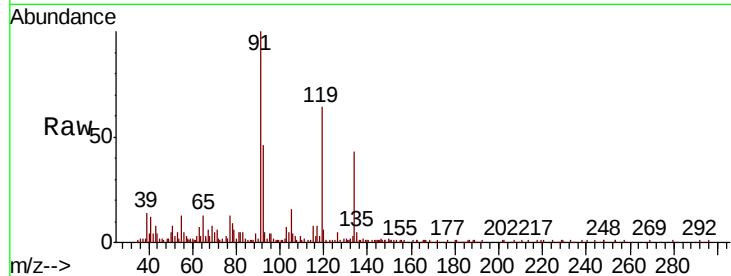




#89
n-Butylbenzene
Concen: 1.733 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

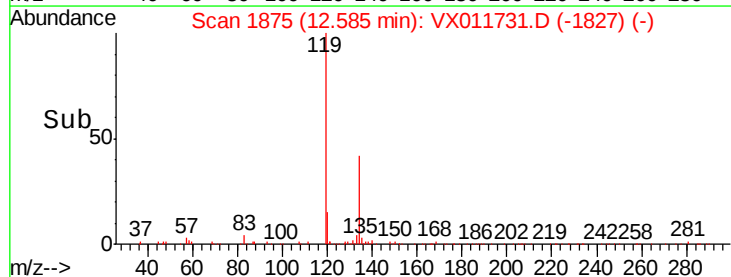
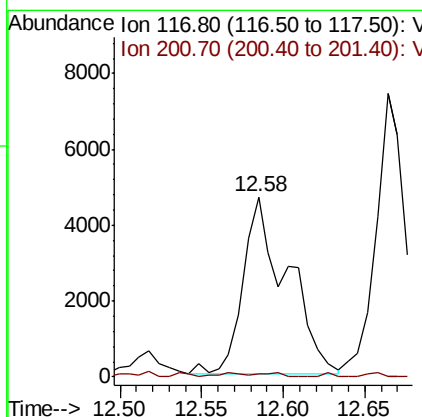
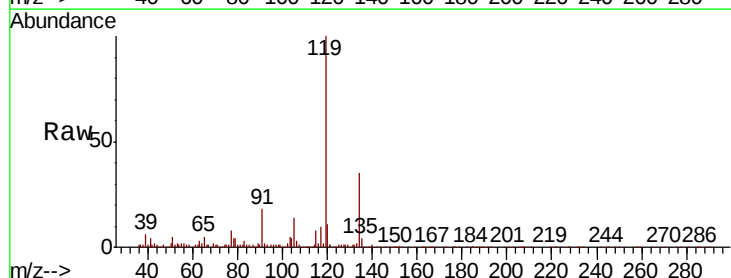
Instrument :
MSVOA_X
ClientSampled :
TWP-1-B-1

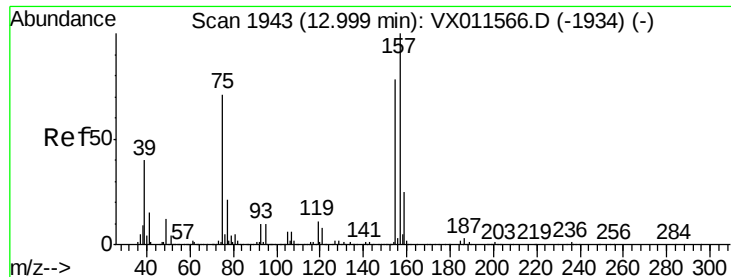
Tgt Ion: 91 Resp: 23989
Ion Ratio Lower Upper
91 100
92 37.0 26.8 80.3
134 98.8 14.6 44.0#



#90
Hexachloroethane
Concen: 3.329 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011731.D
Acq: 21 Aug 2019 14:44

Tgt Ion: 117 Resp: 8853
Ion Ratio Lower Upper
117 100
201 1.2 51.9 155.7#

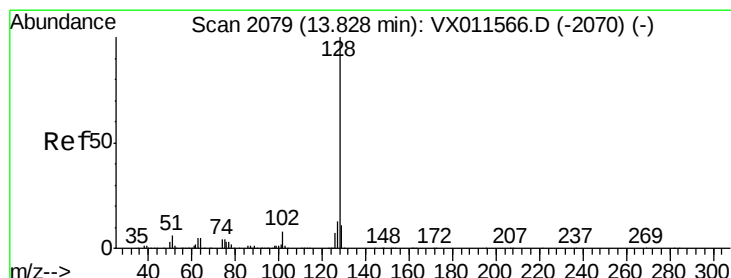
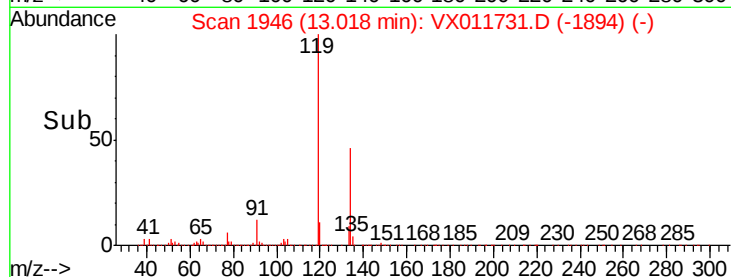
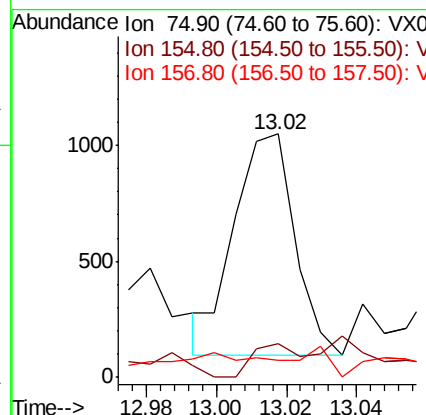
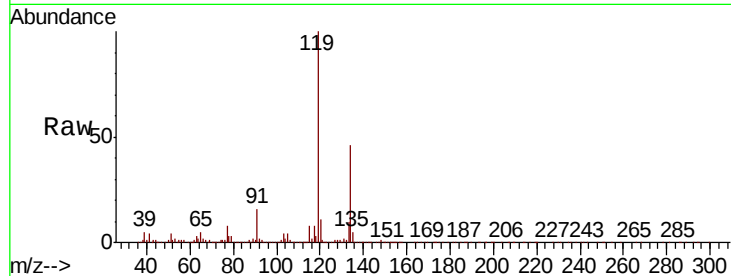




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.785 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

Instrument :
 MSVOA_X
 ClientSampled :
 TWP-1-B-1

Tgt Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 155 11.6 53.0 159.0#
 157 13.4 68.3 205.1#



#95
 Naphthalene
 Concen: 2.600 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX011731.D
 Acq: 21 Aug 2019 14:44

Tgt Ion: 128 Resp: 52143
 Ion Ratio Lower Upper
 128 100
 127 16.0 10.3 15.5#
 129 15.2 8.7 13.1#

