

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007546.D
 Acq On : 14 Feb 2019 15:28
 Operator : JC/SP
 Sample : K1474-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	479617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	759489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	719620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	261073	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.51	113	244143	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	910470	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	336115	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	374	0.241	ug/l #	49
5) Bromomethane	1.65	94	388	Below Cal	#	15
11) Tert butyl alcohol	3.06	59	1231	1.168	ug/l #	73
13) Acrolein	2.30	56	435	0.881	ug/l #	14
15) Acrylonitrile	3.18	53	1412	0.542	ug/l #	46
16) Acetone	2.44	43	1576	0.676	ug/l #	85
17) Carbon Disulfide	2.57	76	1412	2.234	ug/l #	81
18) Methyl Acetate	2.79	43	4127	1.264	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	56232	3.790	ug/l	95
20) Methylene Chloride	2.87	84	1757	Below Cal	#	73
31) Cyclohexane	5.57	56	22436	3.169	ug/l #	85
36) 1,1-Dichloropropene	5.66	75	30407	4.462	ug/l #	49
38) Carbon Tetrachloride	5.66	117	44405	6.717	ug/l #	16
39) Methylcyclohexane	7.46	83	27015	3.277	ug/l	95
40) Benzene	6.15	78	794283	39.569	ug/l	99
42) 1,2-Dichloroethane	6.14	62	5907	0.851	ug/l	78
49) 1,4-Dioxane	7.76	88	93	7.642	ug/l #	1
52) Toluene	8.78	92	2848	0.220	ug/l	91
67) Ethyl Benzene	10.25	91	1885902	74.575	ug/l	98
68) m/p-Xylenes	10.36	106	235259	23.403	ug/l	100
69) o-Xylene	10.69	106	183529	18.973	ug/l	98
70) Styrene	10.70	104	9876	0.630	ug/l #	1
73) Isopropylbenzene	11.02	105	458094	18.419	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	162222	22.787	ug/l #	33
78) n-propylbenzene	11.36	91	566180	20.760	ug/l	99
79) 2-Chlorotoluene	11.45	91	30088	1.818	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	235488	11.573	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	5707	6.497	ug/l #	65
82) 4-Chlorotoluene	11.51	91	25141	1.313	ug/l #	46
83) tert-Butylbenzene	11.80	119	123341	6.123	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.80	105	1002400	48.524	ug/l	100
85) sec-Butylbenzene	11.80	105	1002229	41.105	ug/l #	55
86) p-Isopropyltoluene	12.06	119	7373	0.335	ug/l #	70
89) n-Butylbenzene	12.38	91	30286	1.600	ug/l #	29

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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

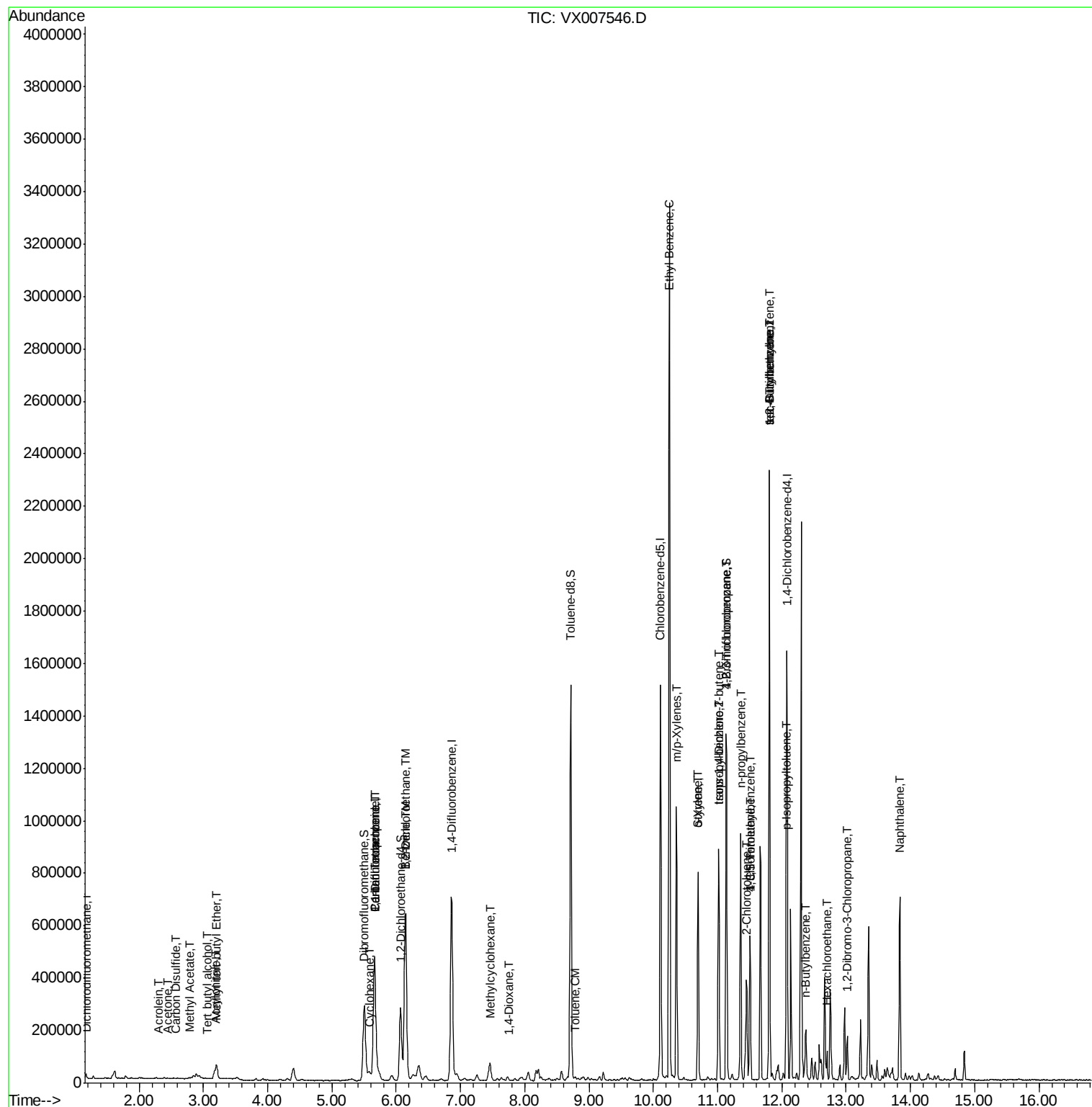
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	35208	10.688	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	791	0.502	ug/l #	1
95) Naphthalene	13.83	128	437463	17.723	ug/l	99

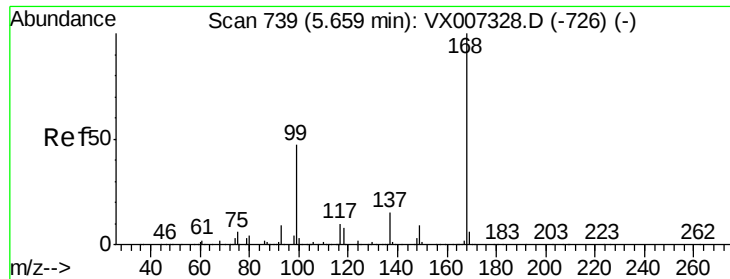
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

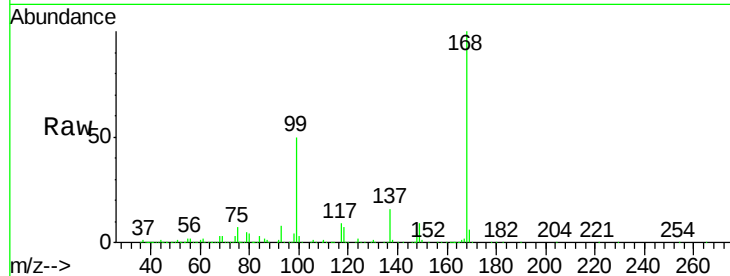
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 479617

Ion Ratio Lower Upper

168 100

99 50.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

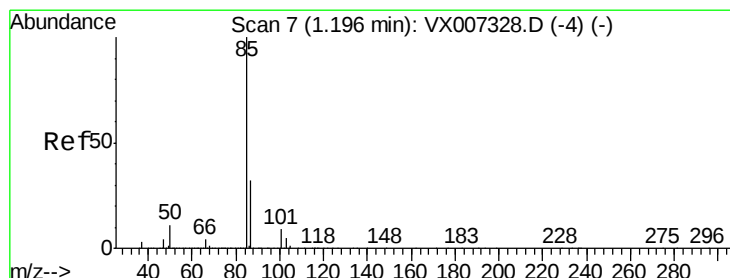
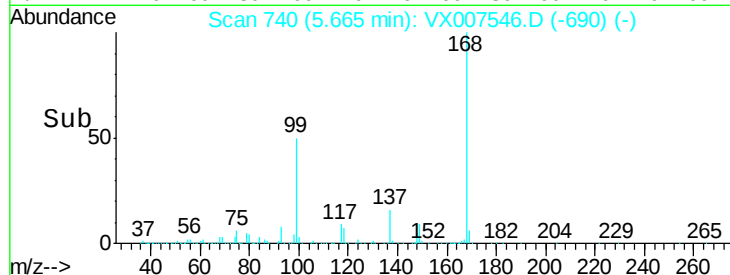
50000

0

5.66

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.241 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX007546.D

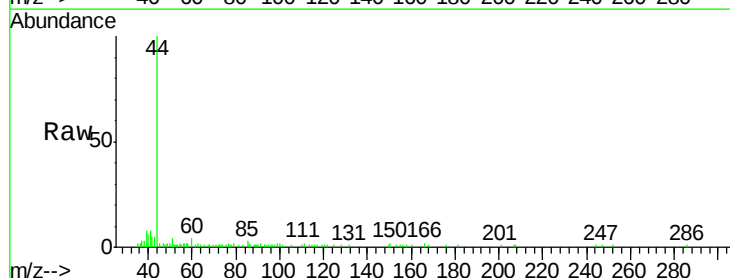
Acq: 14 Feb 2019 15:28

Tgt Ion: 85 Resp: 374

Ion Ratio Lower Upper

85 100

87 3.6 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

150

100

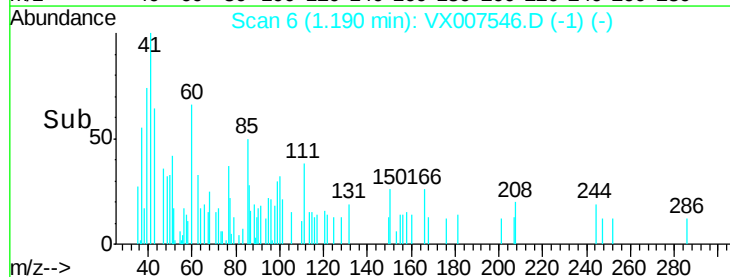
50

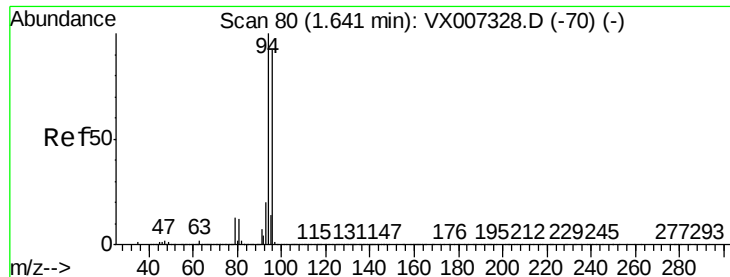
0

1.19

1.16 1.18 1.20 1.22

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

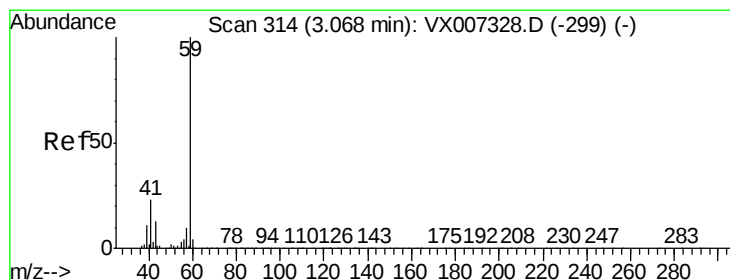
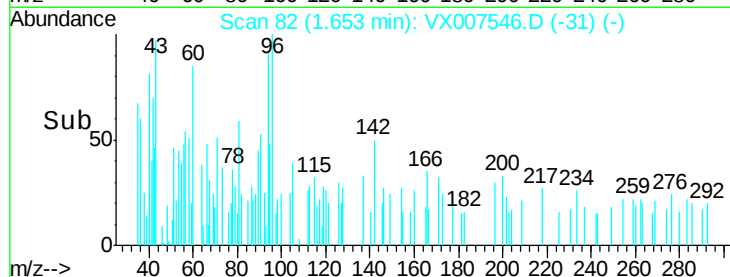
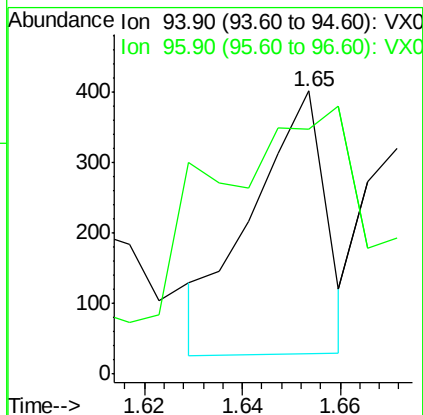
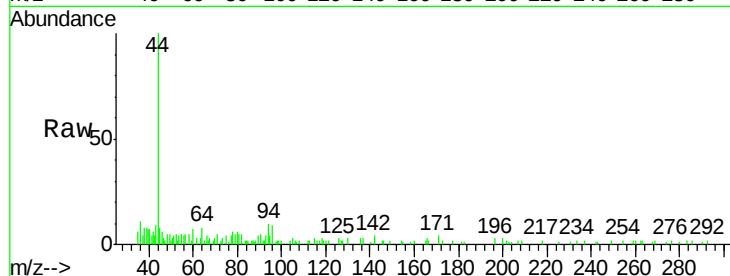
ClientSampled :

Tot Ion: 94 Resp: 388

Ion Ratio Lower Upper

94 100

96 10.7 73.9 110.9#



#11

Tert butyl alcohol

Concen: 1.168 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX007546.D

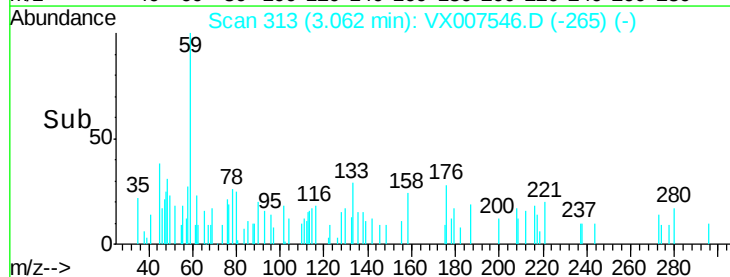
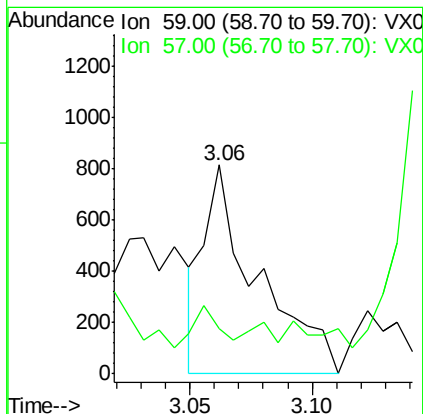
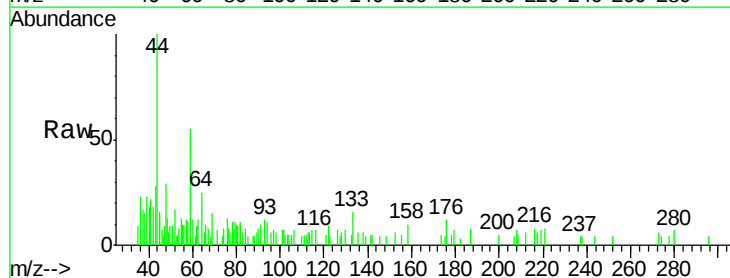
Acq: 14 Feb 2019 15:28

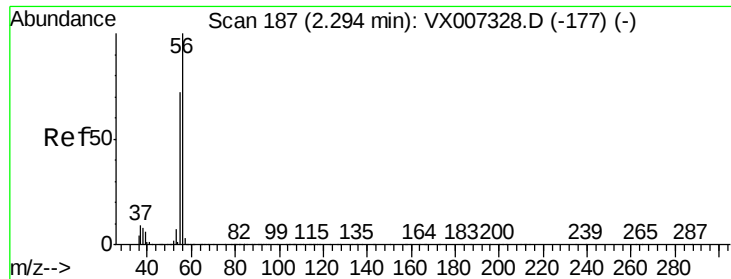
Tgt Ion: 59 Resp: 1231

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.881 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

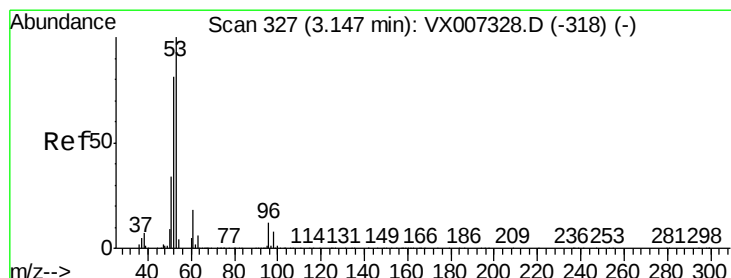
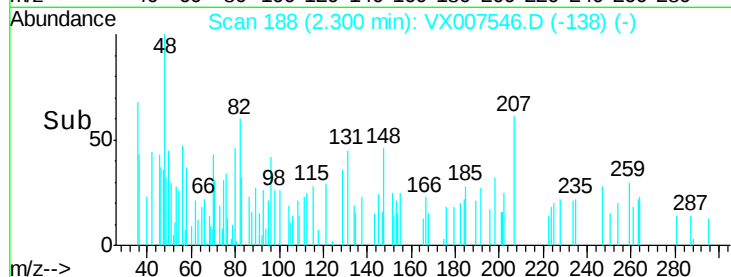
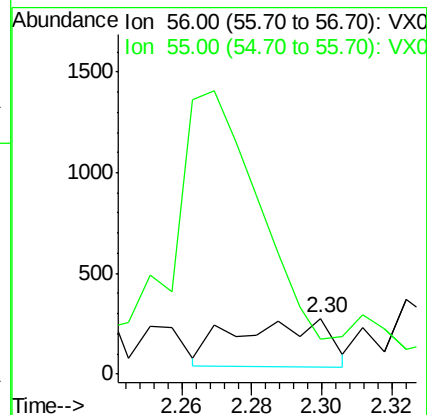
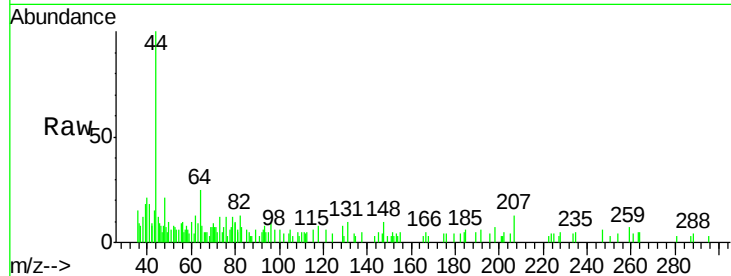
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 435

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.542 ug/l

RT: 3.18 min Scan# 333

Delta R.T. 0.04 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

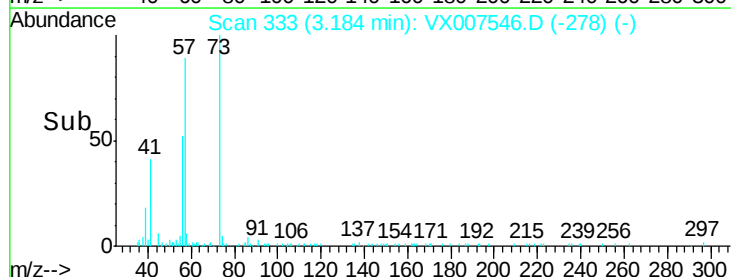
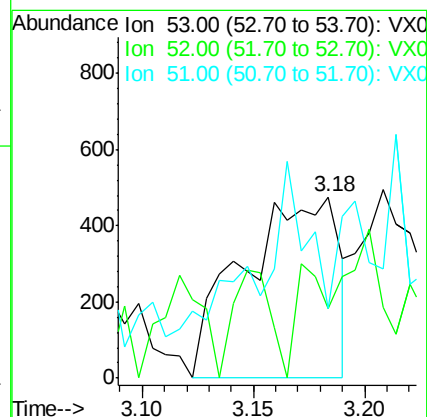
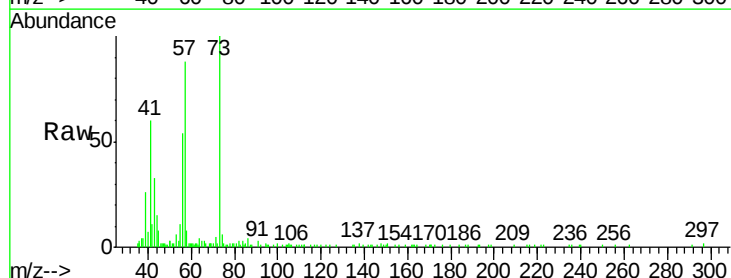
Tgt Ion: 53 Resp: 1412

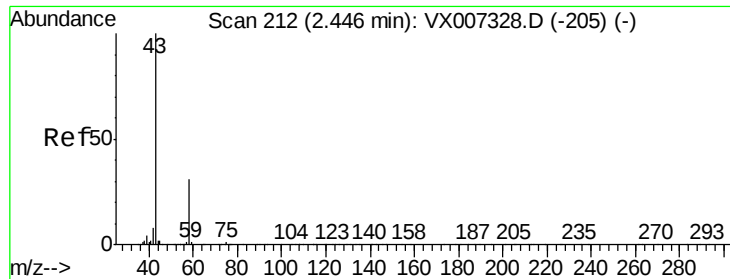
Ion Ratio Lower Upper

53 100

52 19.4 66.4 99.6#

51 43.6 28.4 42.6#





#16

Acetone

Concen: 0.676 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

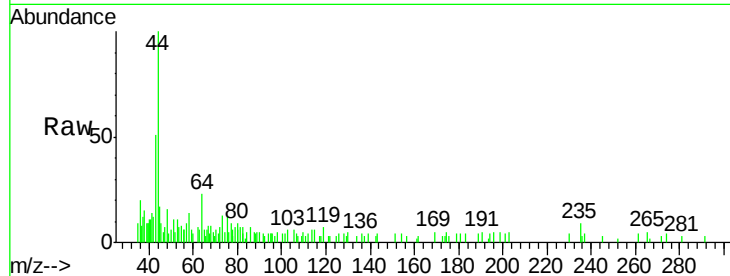
ClientSampled :

Tot Ion: 43 Resp: 1576

Ion Ratio Lower Upper

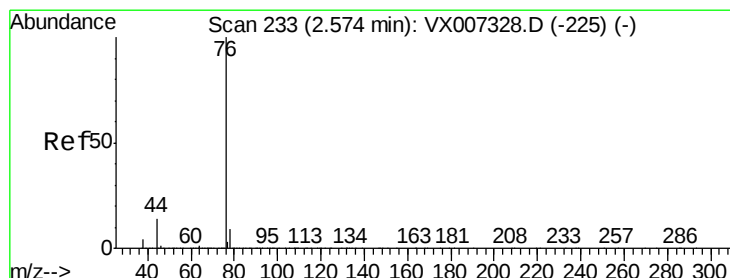
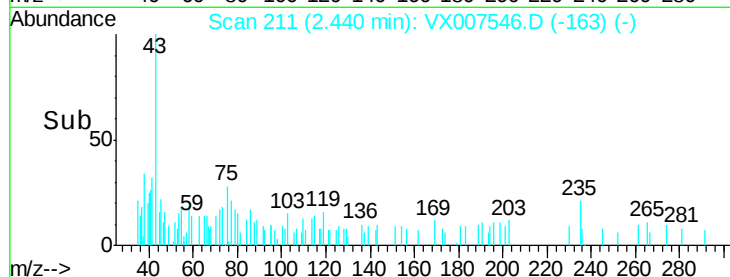
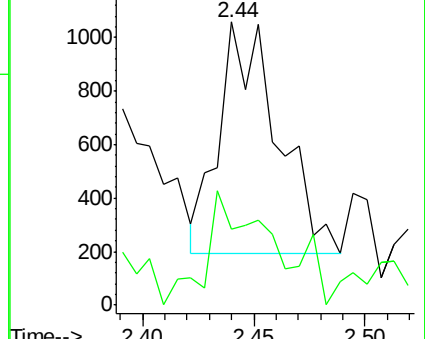
43 100

58 22.7 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.234 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007546.D

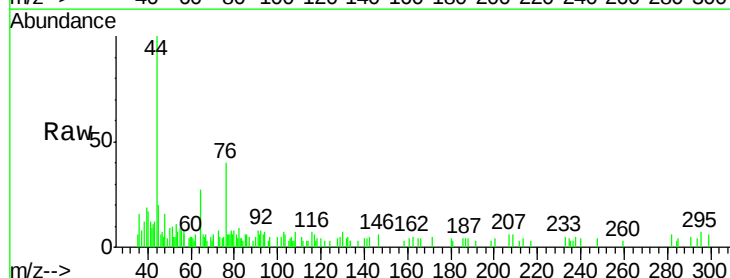
Acq: 14 Feb 2019 15:28

Tgt Ion: 76 Resp: 1412

Ion Ratio Lower Upper

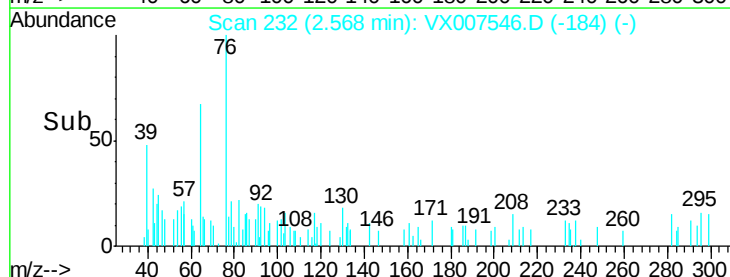
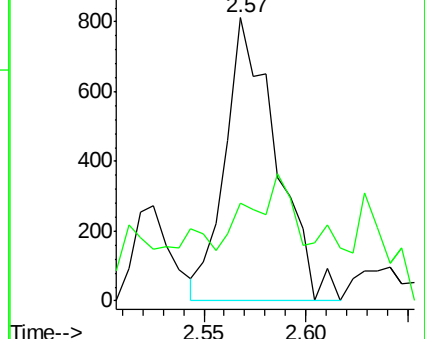
76 100

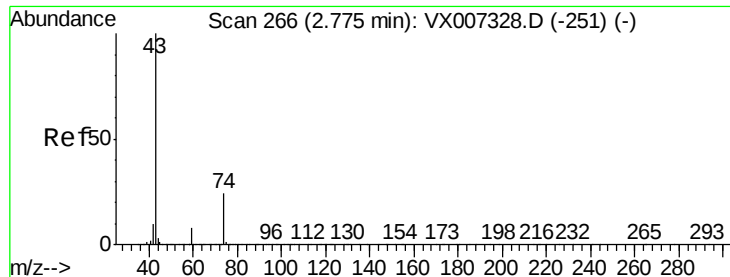
78 15.6 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

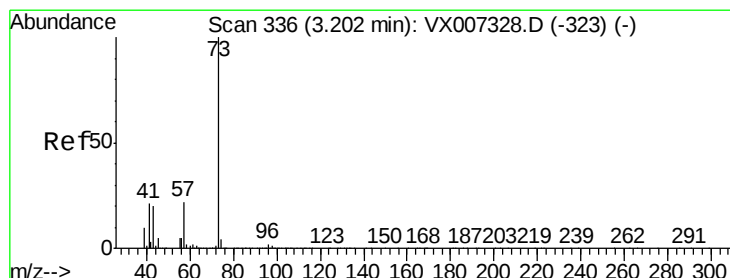
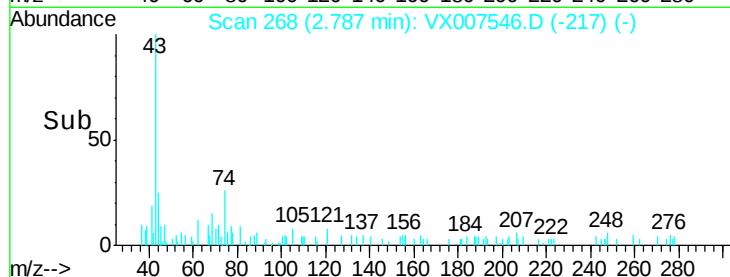
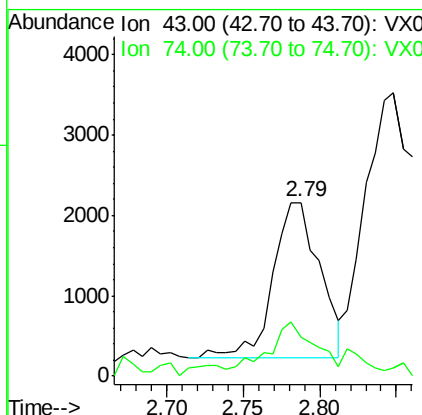
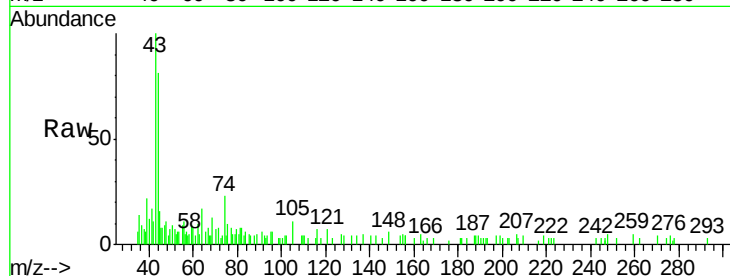




#18
Methyl Acetate
Concen: 1.264 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

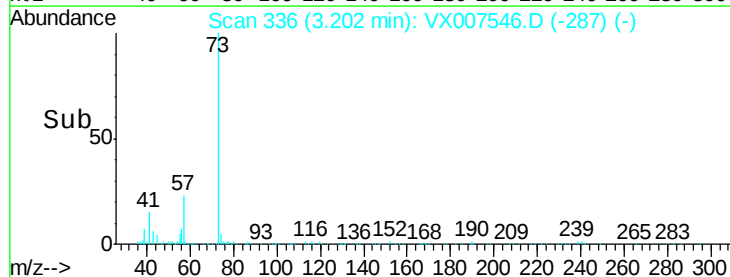
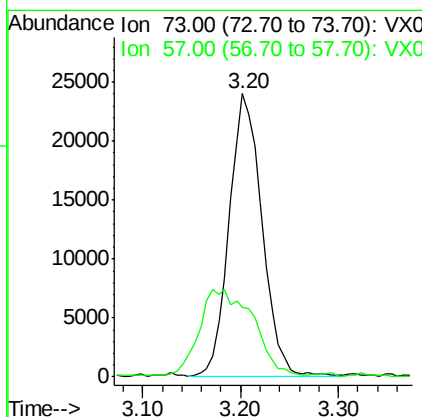
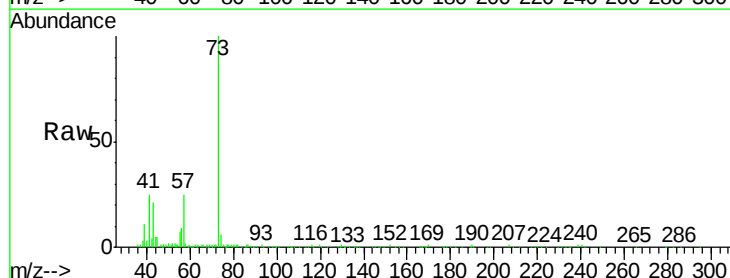
Instrument :
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ClientSampled :

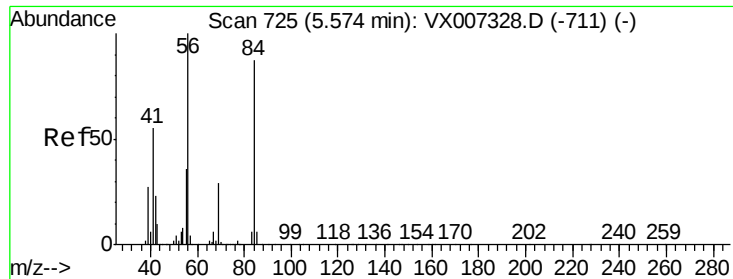
Tot Ion: 43 Resp: 4127
Ion Ratio Lower Upper
43 100
74 28.8 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 3.790 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion: 73 Resp: 56232
Ion Ratio Lower Upper
73 100
57 24.6 17.8 26.8





#31

Cyclohexane

Concen: 3.169 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

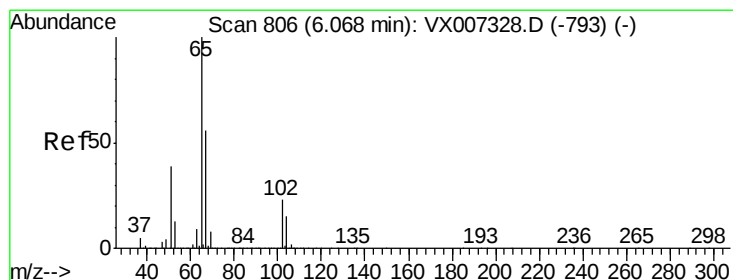
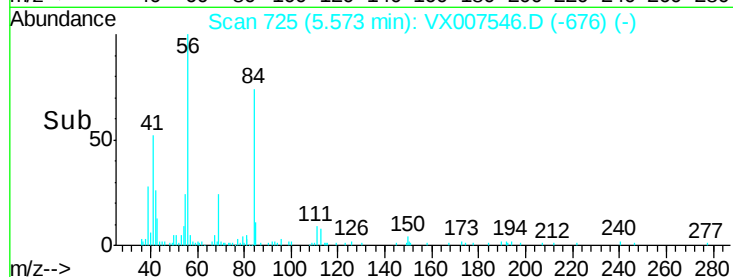
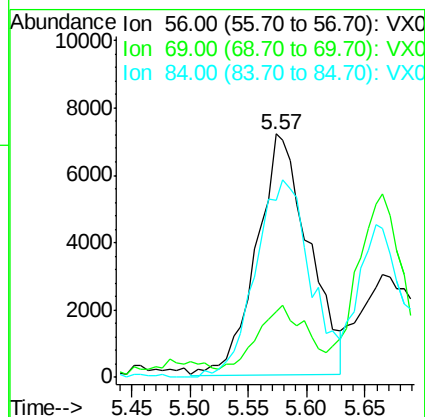
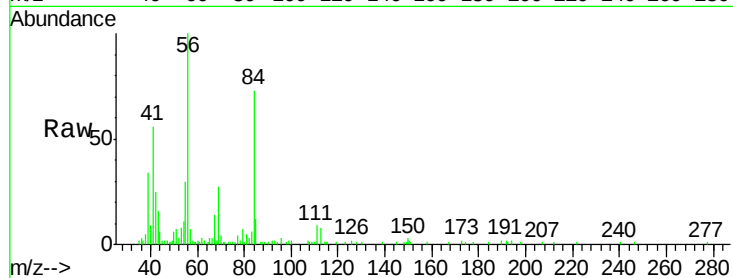
Tot Ion: 56 Resp: 22436

Ion Ratio Lower Upper

56 100

69 20.9 23.0 34.6#

84 73.7 69.8 104.6



#33

1,2-Dichloroethane-d4

Concen: 51.284 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007546.D

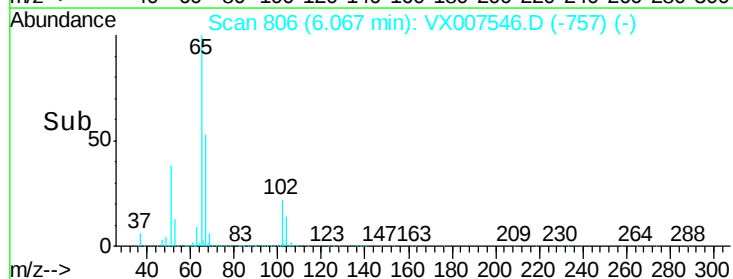
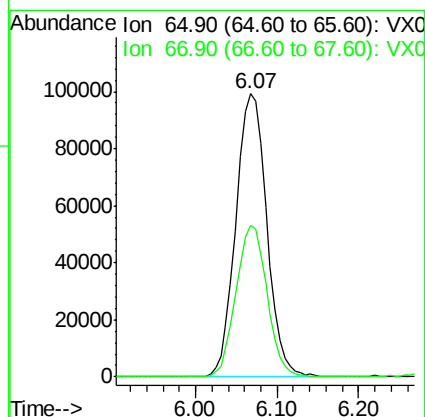
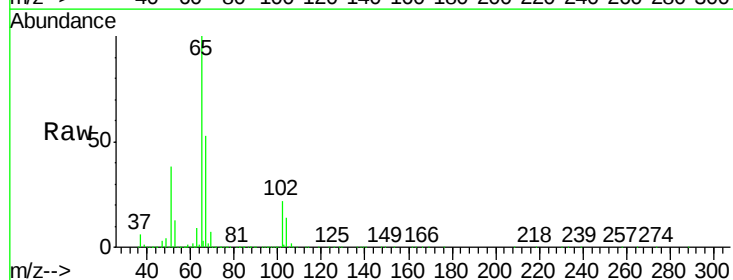
Acq: 14 Feb 2019 15:28

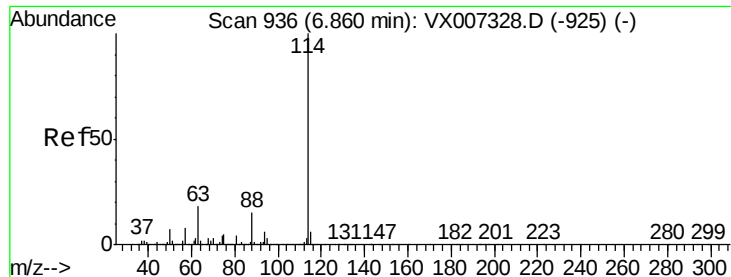
Tgt Ion: 65 Resp: 261073

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

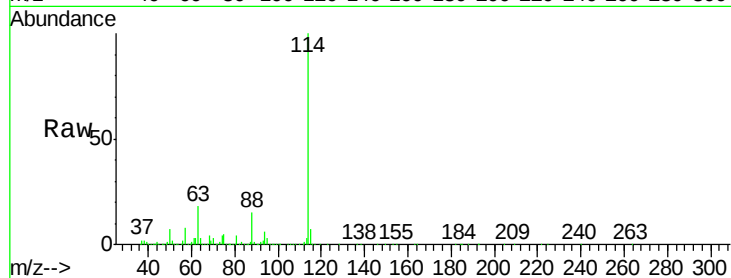
Tot Ion:114 Resp: 759489

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

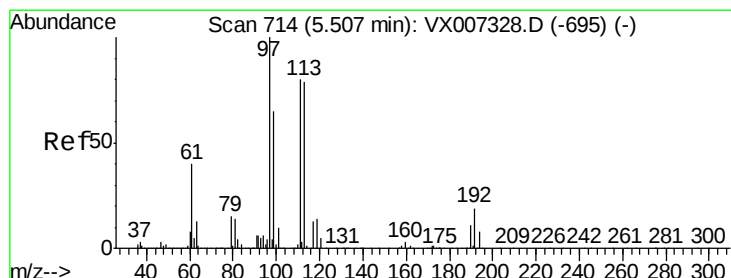
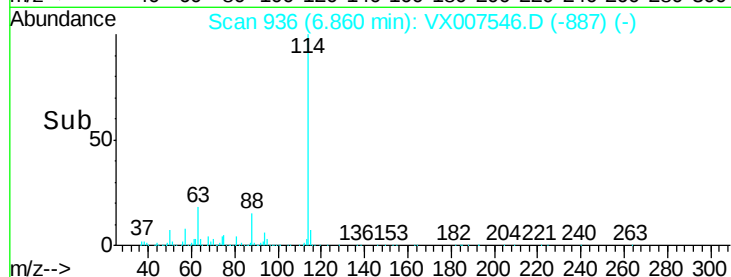
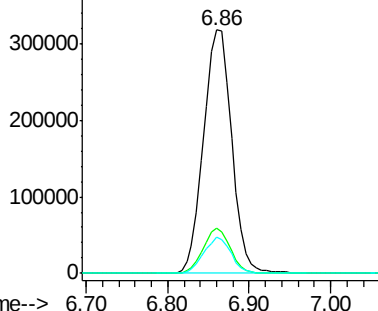
88 15.0 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.404 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

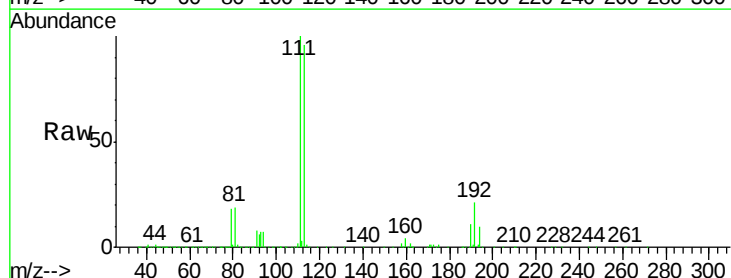
Tgt Ion:113 Resp: 244143

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

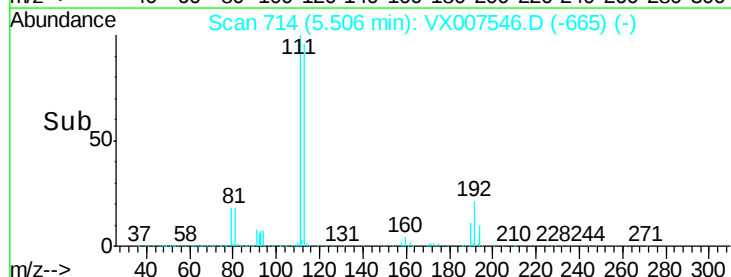
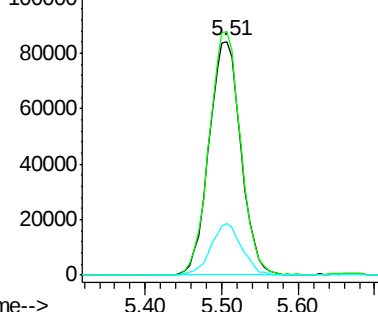
192 21.3 18.5 27.7

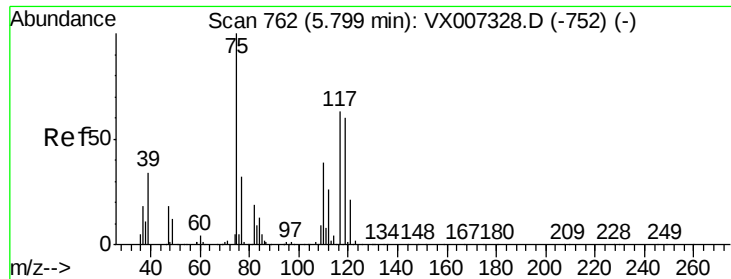


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.462 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

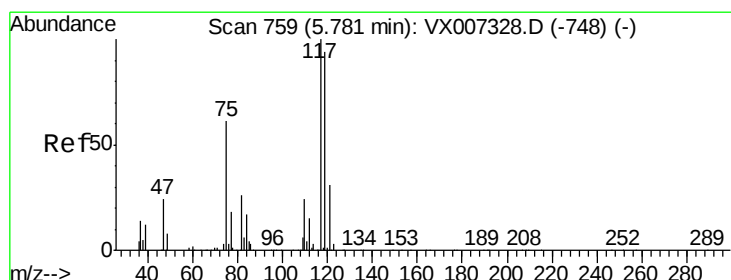
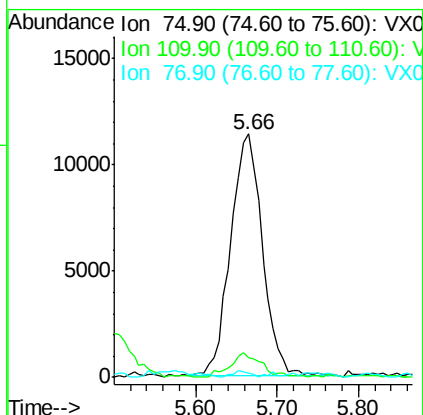
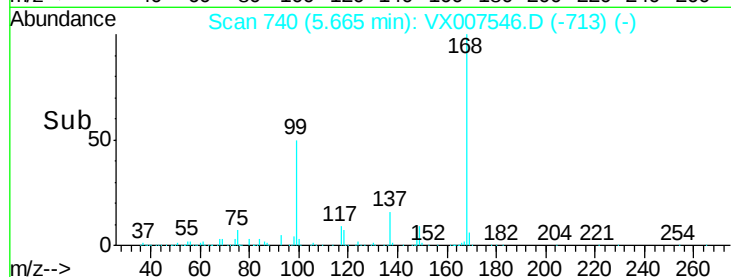
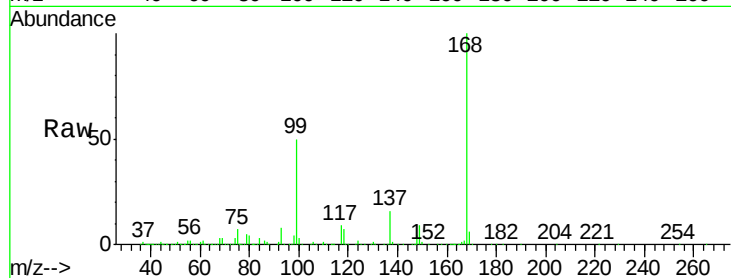
Tot Ion: 75 Resp: 30407

Ion Ratio Lower Upper

75 100

110 10.3 20.0 59.9#

77 1.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.717 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

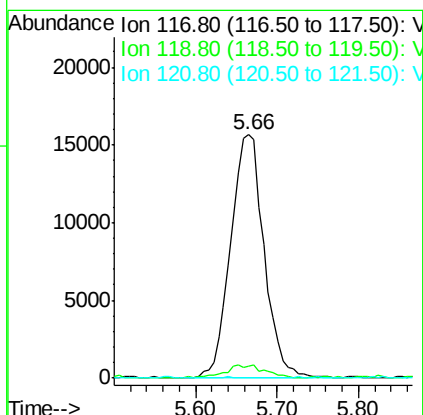
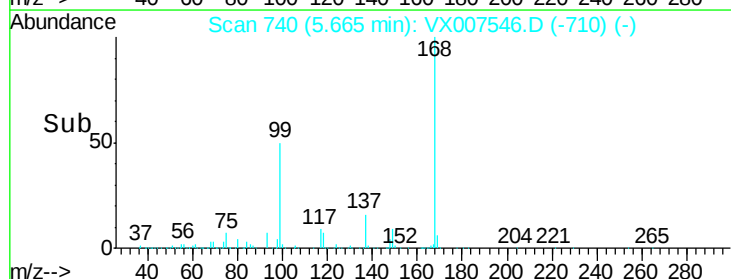
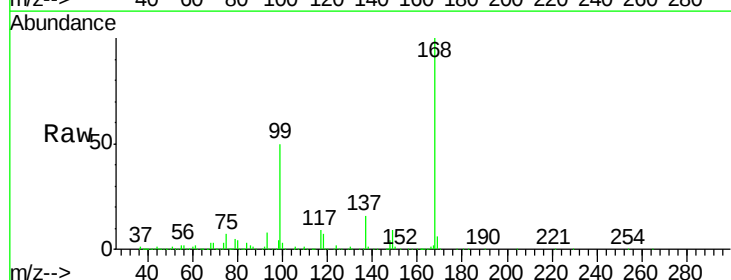
Tgt Ion: 117 Resp: 44405

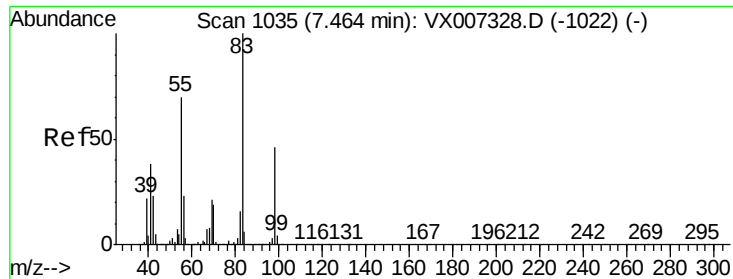
Ion Ratio Lower Upper

117 100

119 4.4 75.3 112.9#

121 0.0 25.0 37.4#

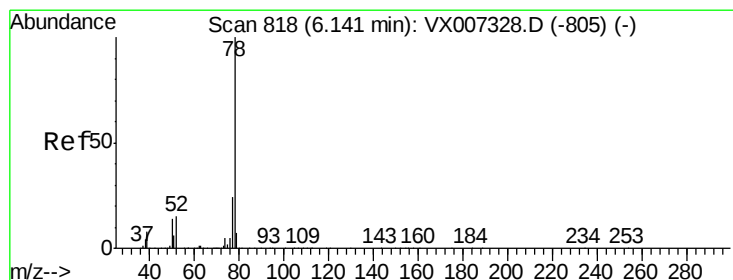
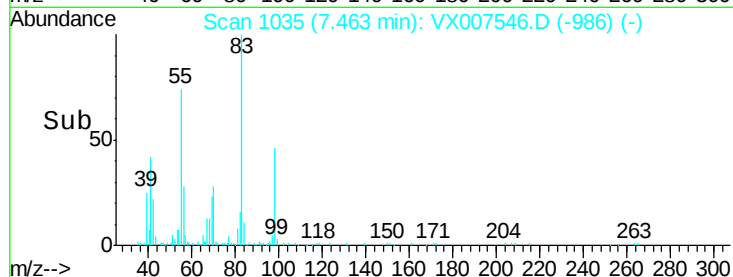
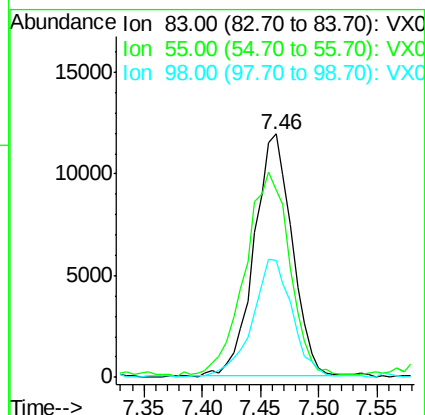
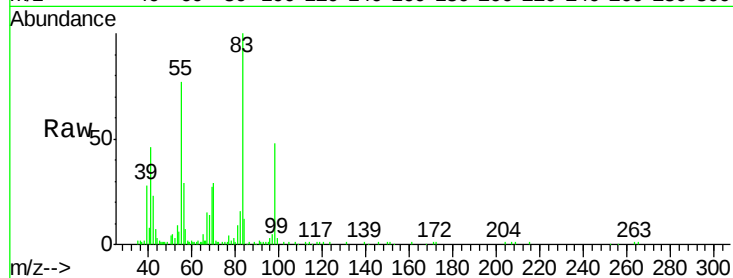




#39
Methvlcvclohexane
Concen: 3.277 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

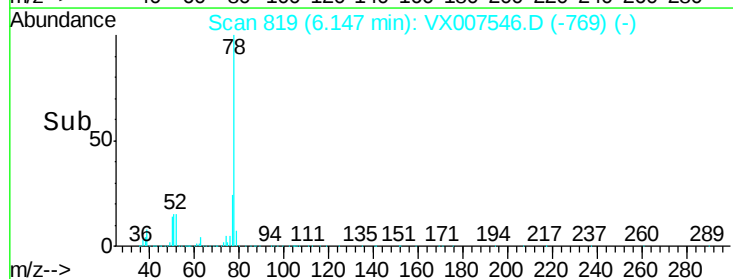
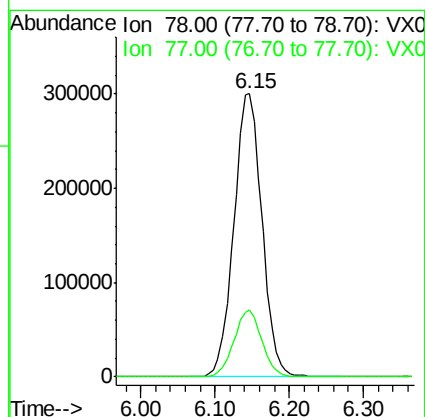
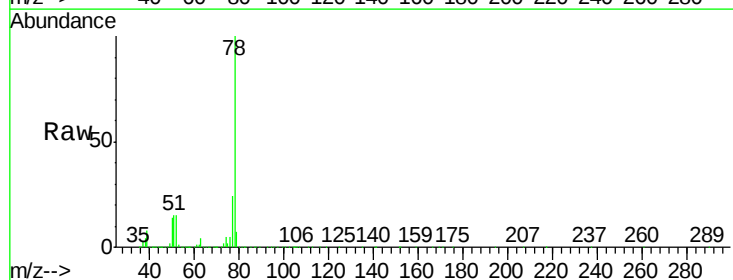
Instrument :
MSVOA_X
ClientSampleId :

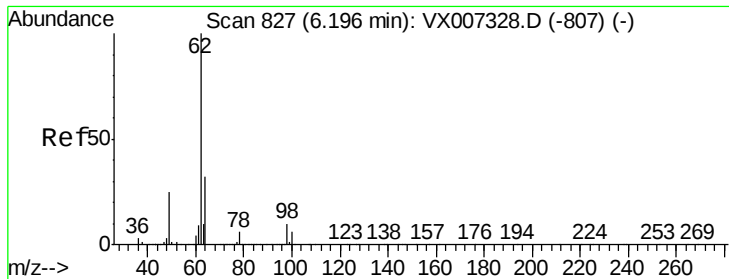
Tot Ion: 83 Resp: 27015
Ion Ratio Lower Upper
83 100
55 76.1 56.2 84.2
98 47.6 36.8 55.2



#40
Benzene
Concen: 39.569 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion: 78 Resp: 794283
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.851 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

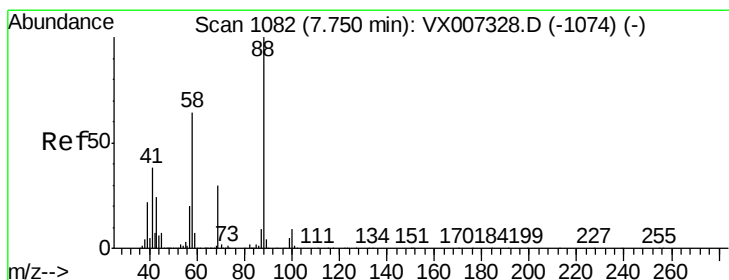
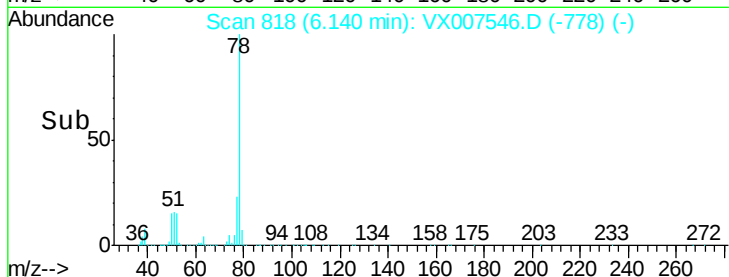
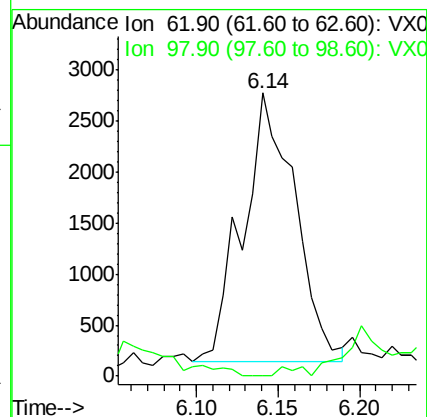
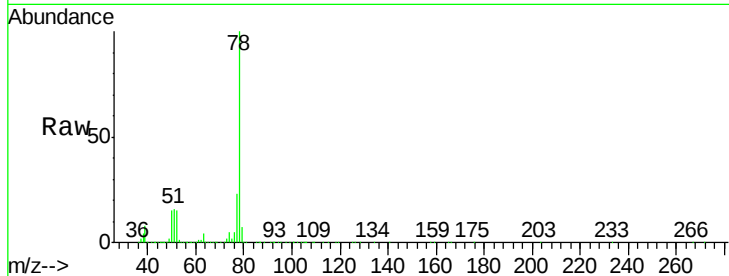
ClientSampled :

Tot Ion: 62 Resp: 5907

Ion Ratio Lower Upper

62 100

98 1.5 0.0 19.0



#49

1,4-Dioxane

Concen: 7.642 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

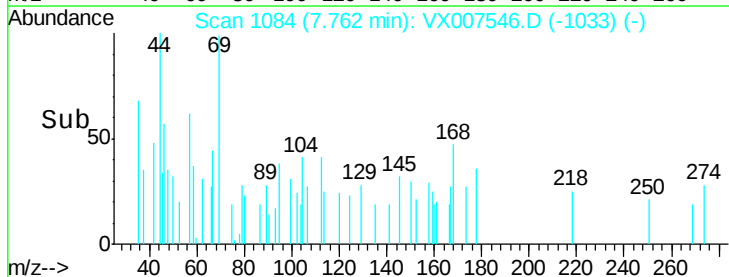
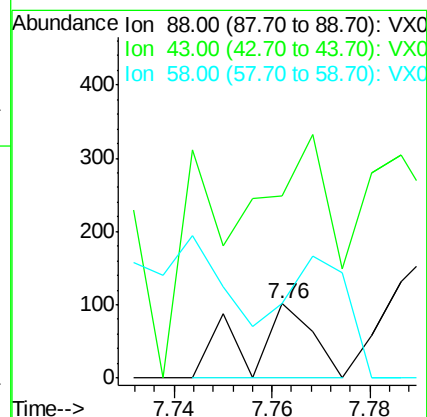
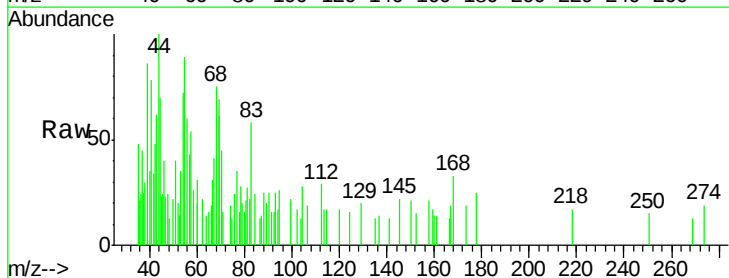
Tgt Ion: 88 Resp: 93

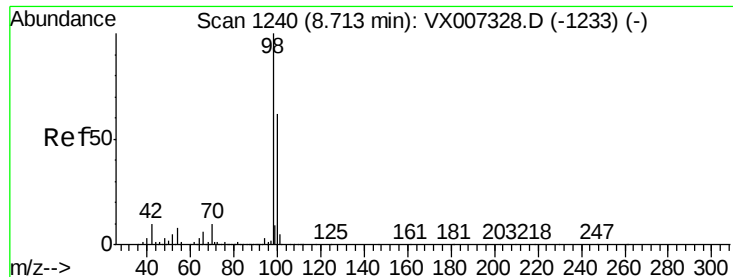
Ion Ratio Lower Upper

88 100

43 576.3 24.2 36.4#

58 162.4 53.0 79.4#





#50

Toluene-d8

Concen: 49.658 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

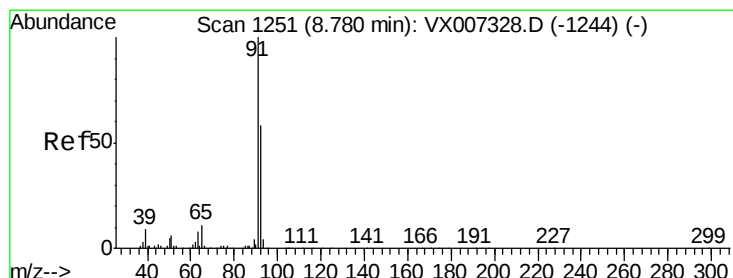
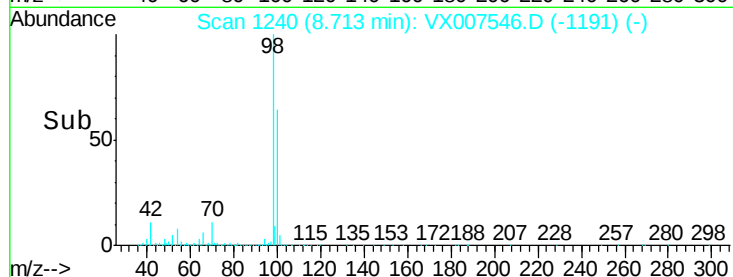
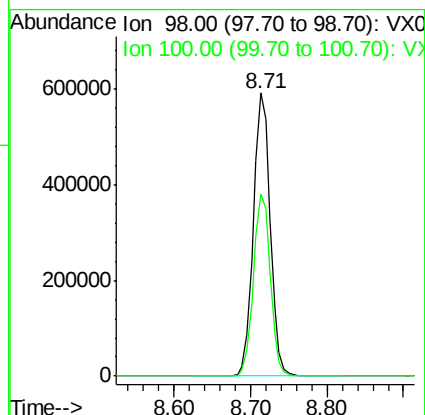
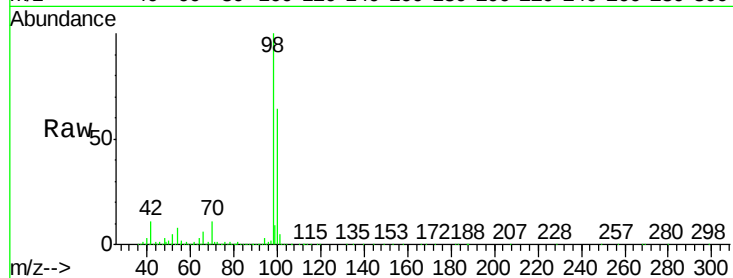
ClientSampleId :

Tot Ion: 98 Resp: 910470

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#52

Toluene

Concen: 0.220 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007546.D

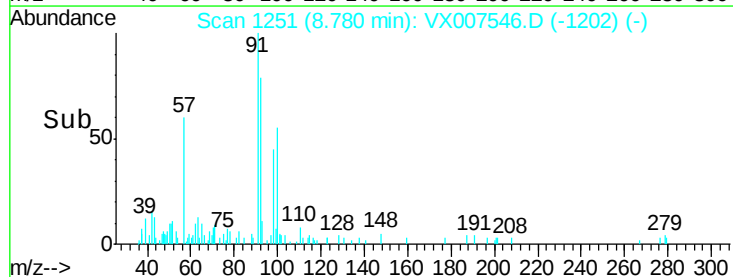
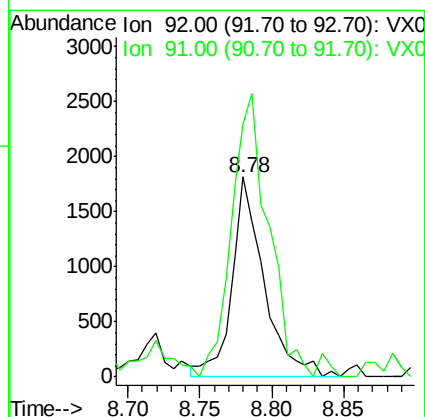
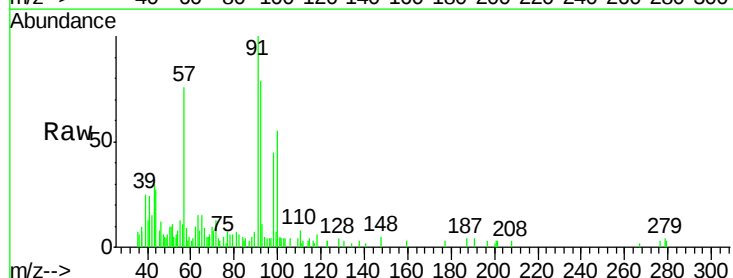
Acq: 14 Feb 2019 15:28

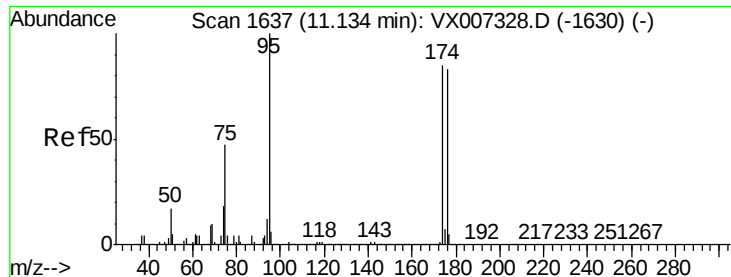
Tgt Ion: 92 Resp: 2848

Ion Ratio Lower Upper

92 100

91 160.7 139.1 208.7

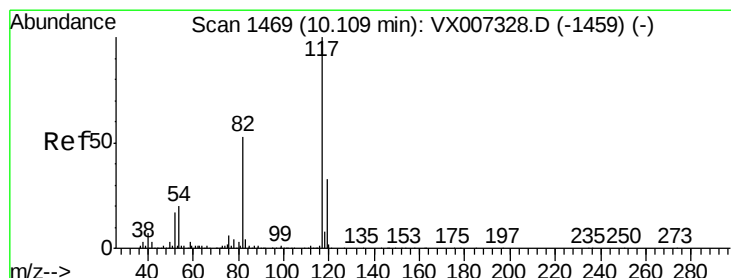
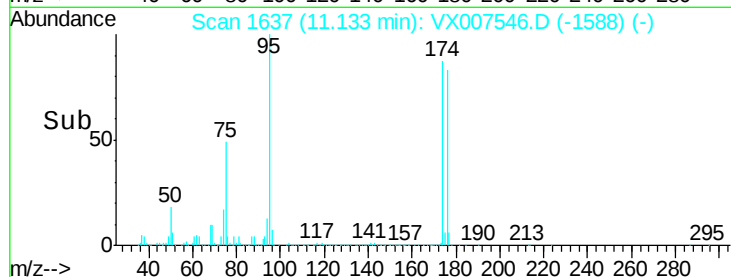
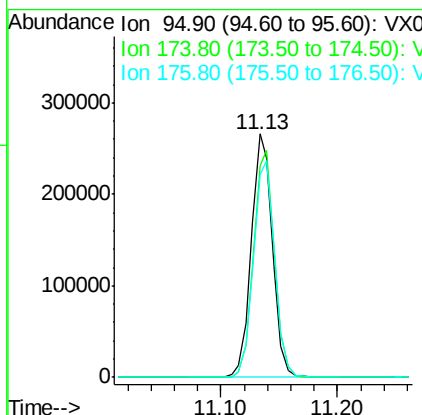
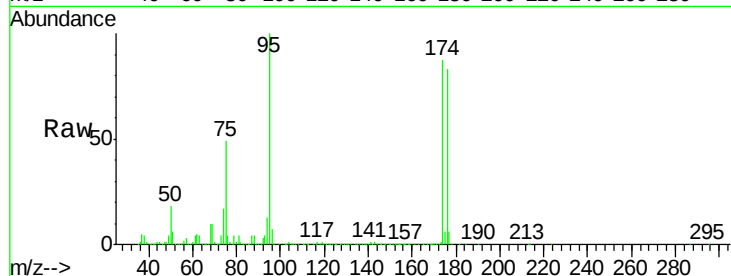




#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

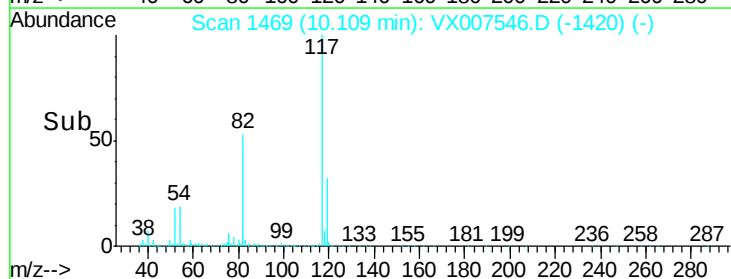
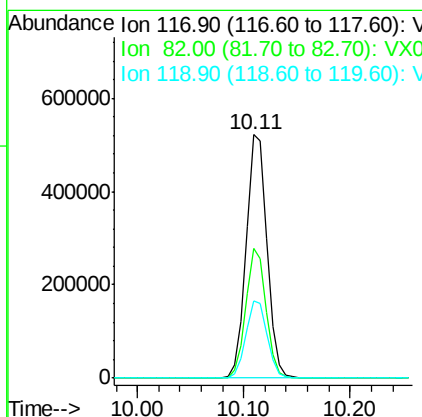
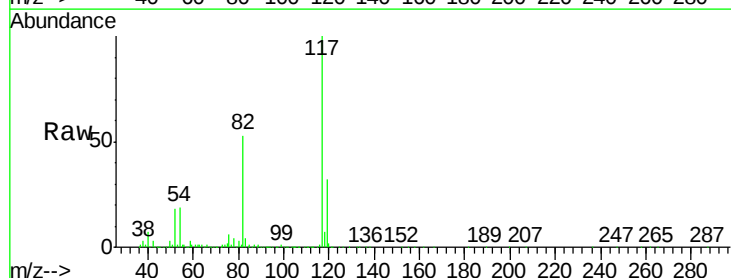
Instrument :
MSVOA_X
ClientSampleId :

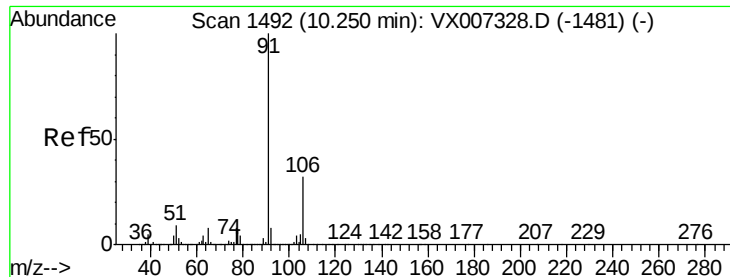
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	189.2
176	89.6	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.1	63.1
119	31.7	26.5	39.7





#67

Ethyl Benzene

Concen: 74.575 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

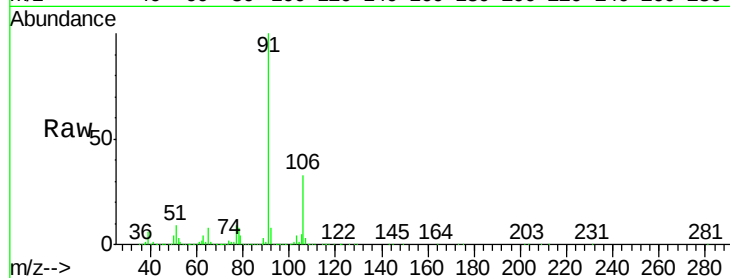
ClientSampleId :

Tot Ion: 91 Resp: 1885902

Ion Ratio Lower Upper

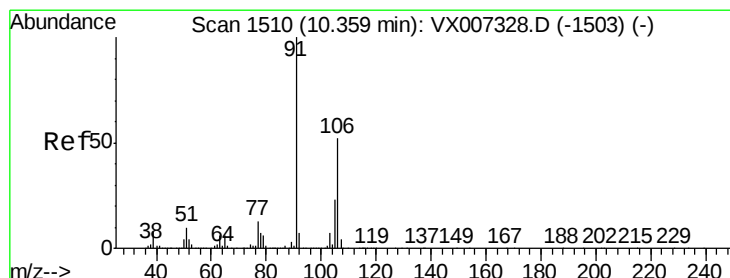
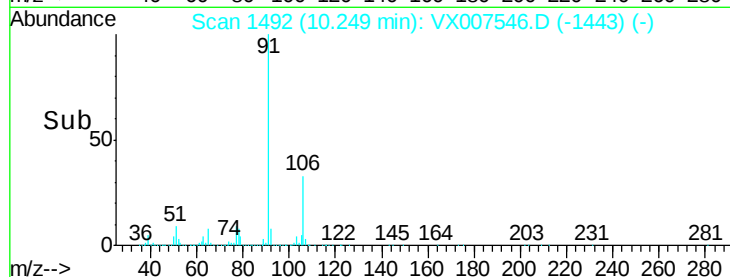
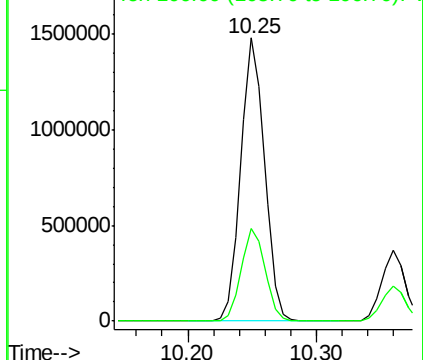
91 100

106 32.9 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 23.403 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007546.D

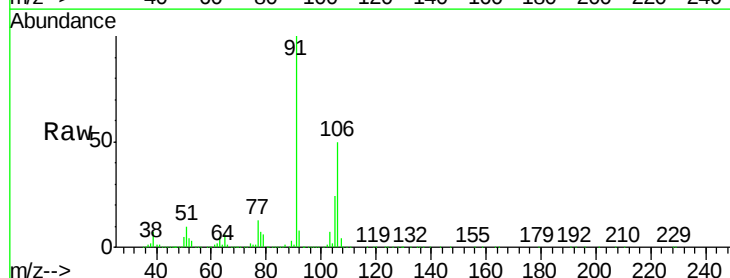
Acq: 14 Feb 2019 15:28

Tgt Ion: 106 Resp: 235259

Ion Ratio Lower Upper

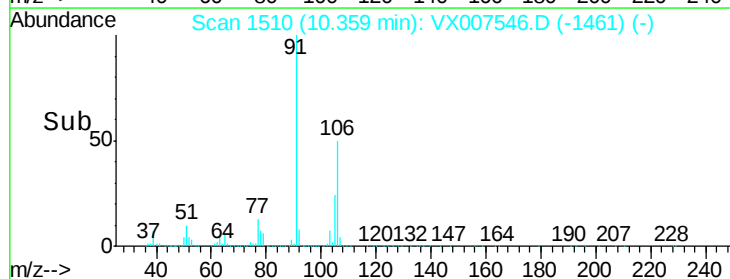
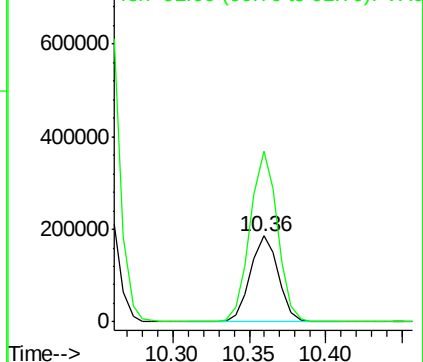
106 100

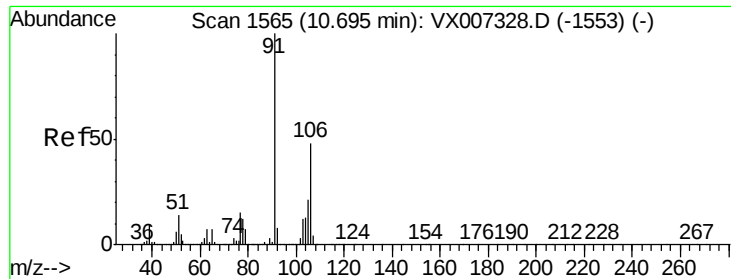
91 195.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

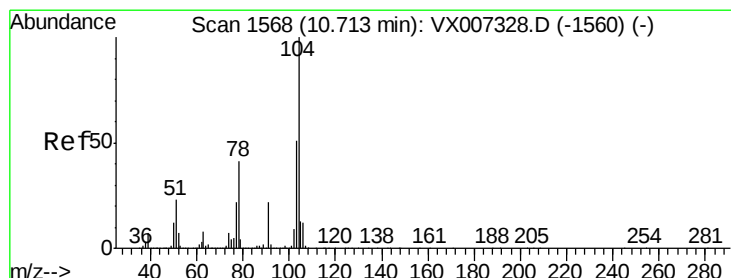
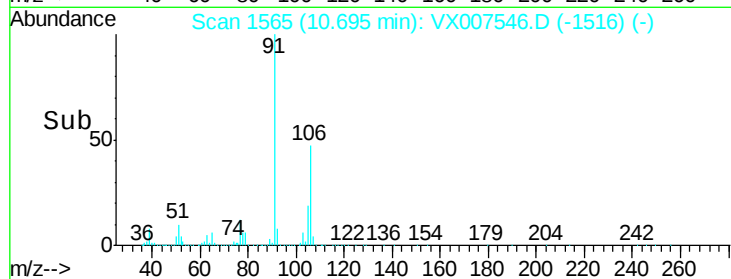
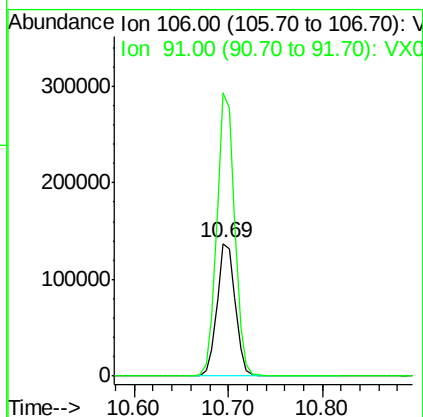
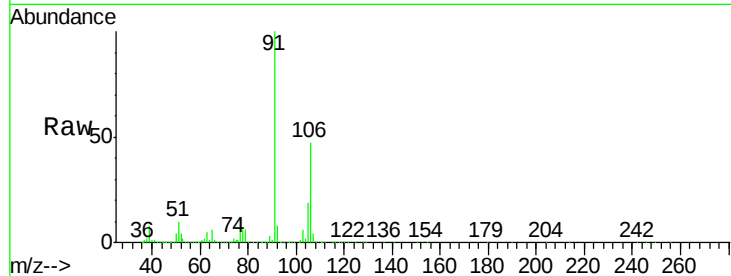




#69
o-Xylene
Concen: 18.973 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

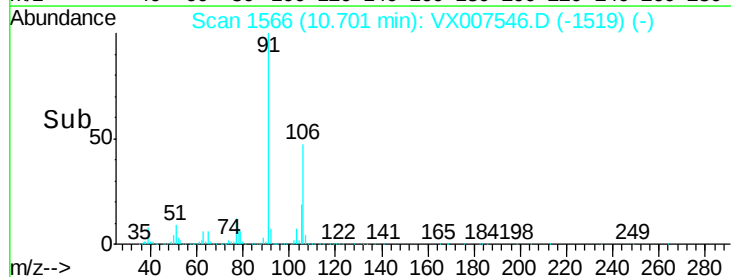
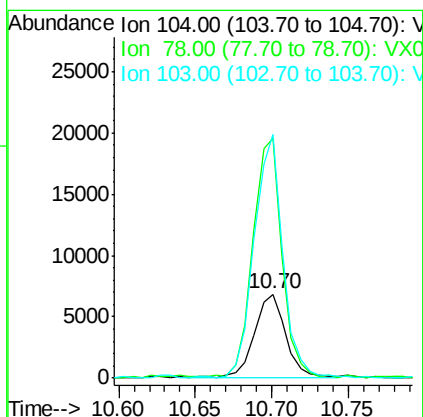
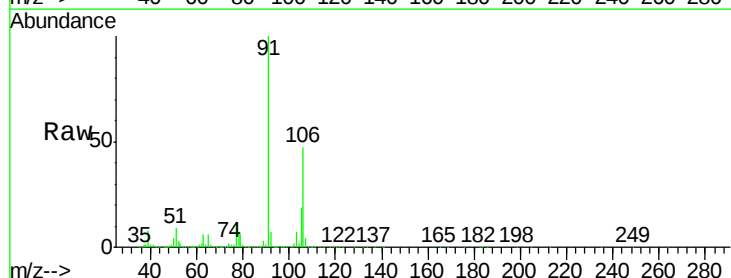
Instrument :
MSVOA_X
ClientSampleId :

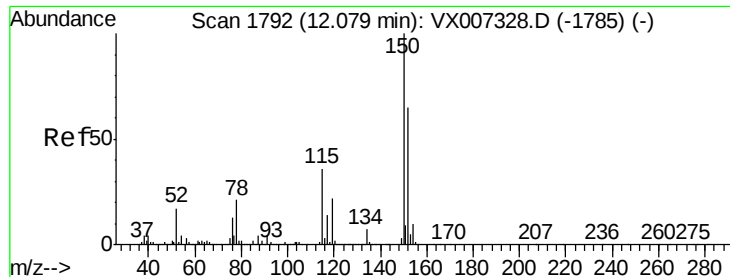
Tot Ion:106 Resp: 183529
Ion Ratio Lower Upper
106 100
91 208.5 102.9 308.7



#70
Styrene
Concen: 0.630 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion:104 Resp: 9876
Ion Ratio Lower Upper
104 100
78 265.0 38.3 57.5#
103 263.6 44.6 67.0#



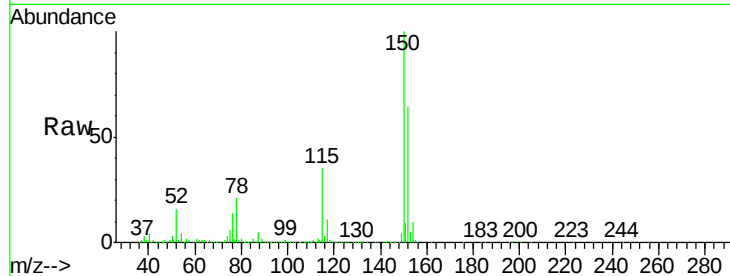


#72

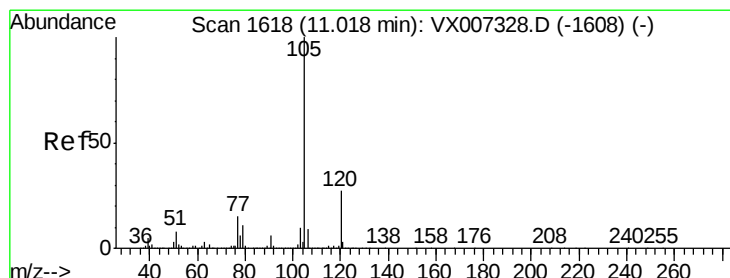
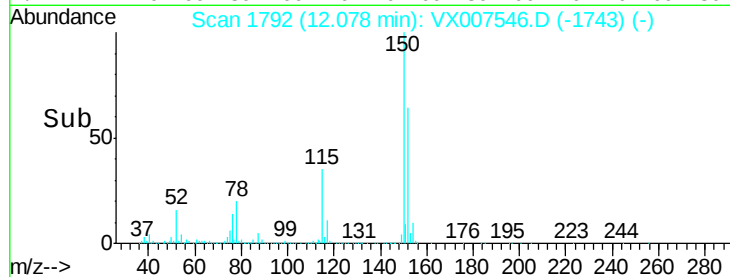
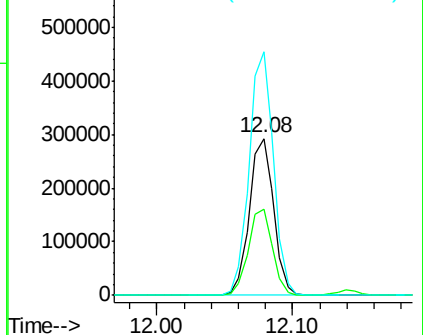
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.0	114.0
150	155.5	0.0	346.4



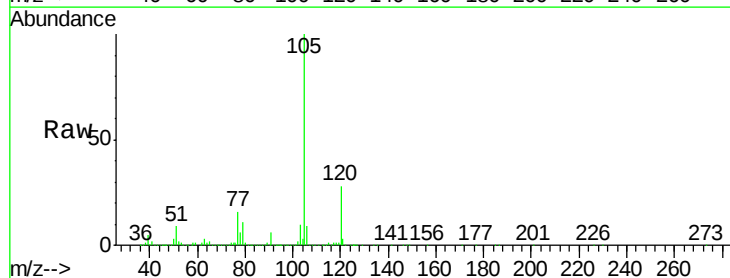
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



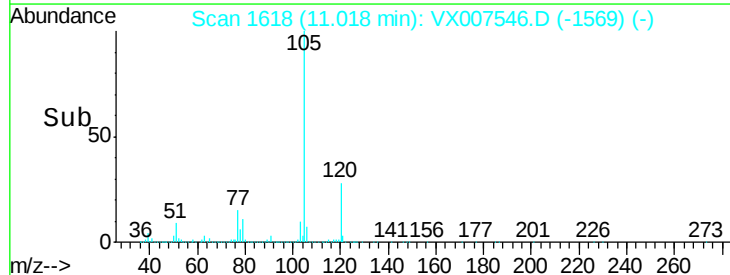
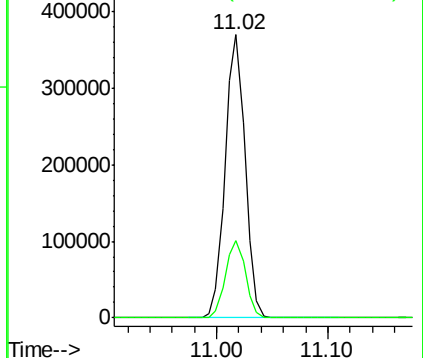
#73

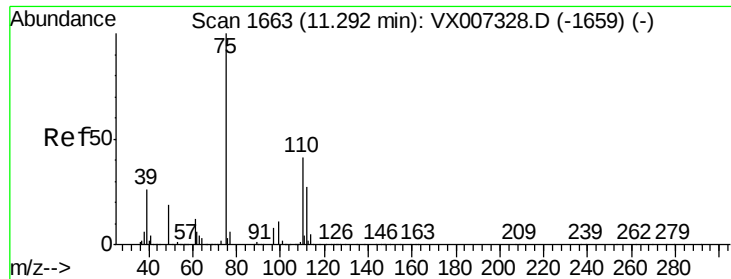
Isopropylbenzene
Concen: 18.419 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.6	40.7



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





#76

1,2,3-Trichloropropane

Concen: 22.787 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

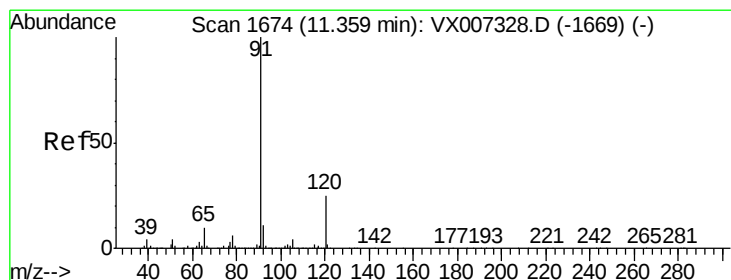
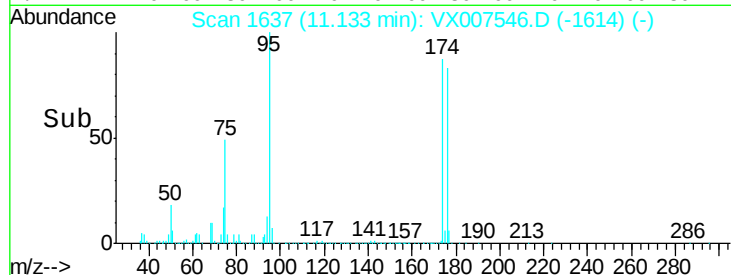
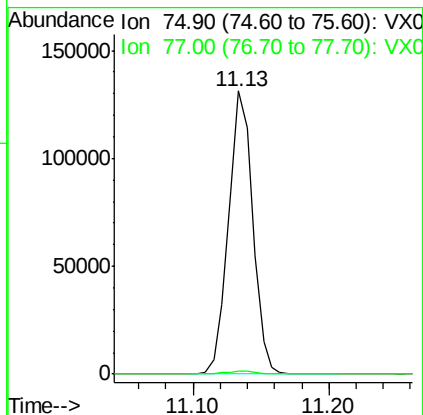
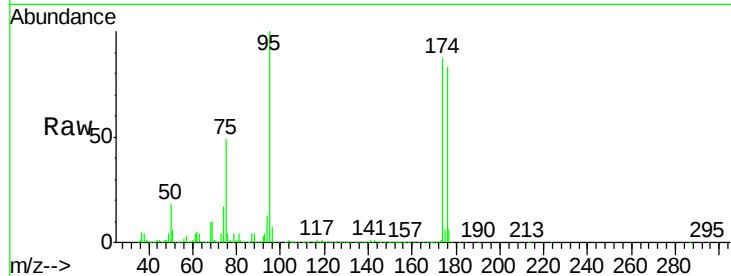
ClientSampleId :

Tot Ion: 75 Resp: 162222

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#78

n-propylbenzene

Concen: 20.760 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007546.D

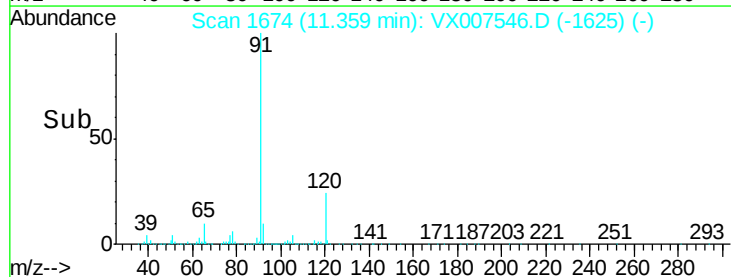
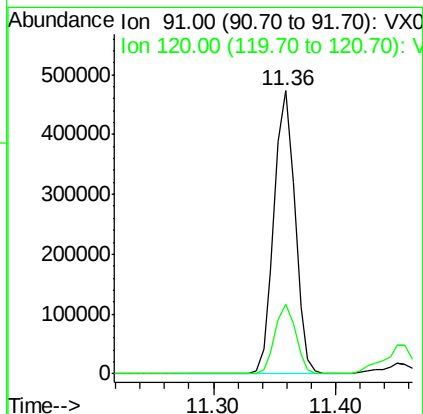
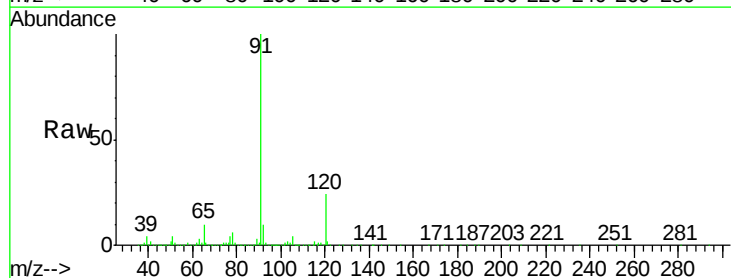
Acq: 14 Feb 2019 15:28

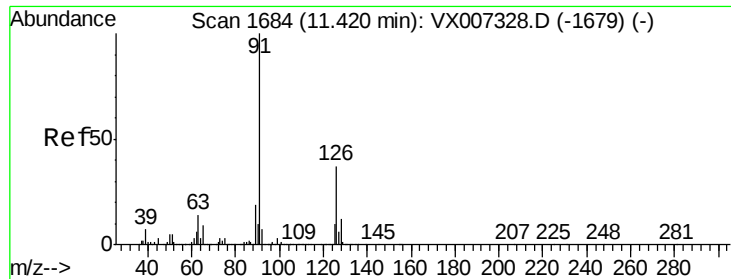
Tgt Ion: 91 Resp: 566180

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 1.818 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

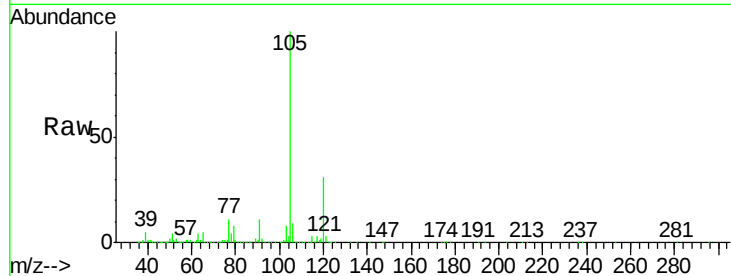
ClientSampleId :

Tot Ion: 91 Resp: 30088

Ion Ratio Lower Upper

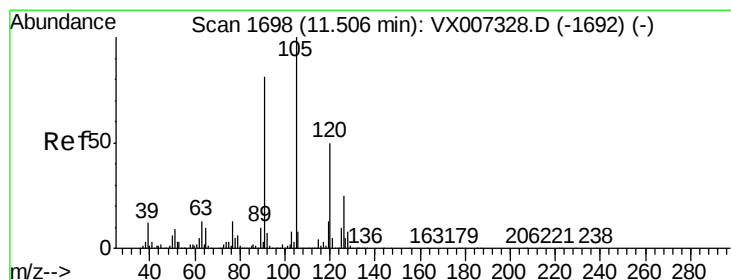
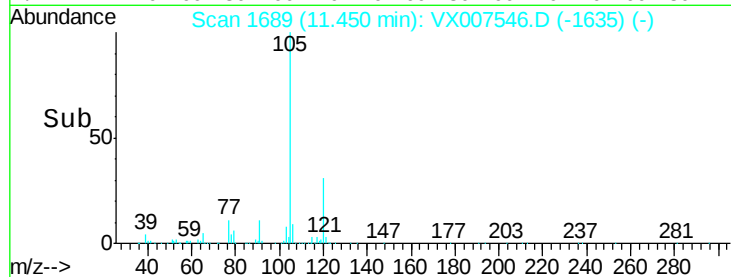
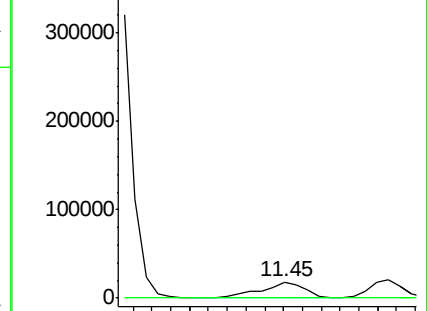
91 100

126 0.2 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 11.573 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007546.D

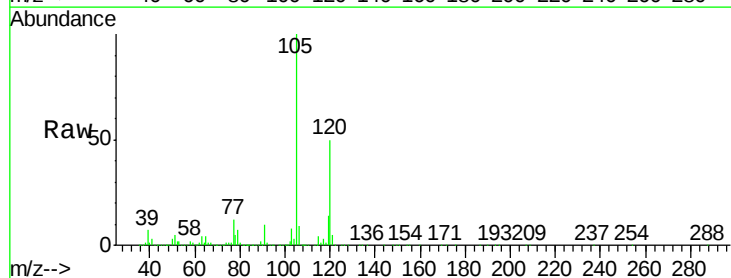
Acq: 14 Feb 2019 15:28

Tgt Ion:105 Resp: 235488

Ion Ratio Lower Upper

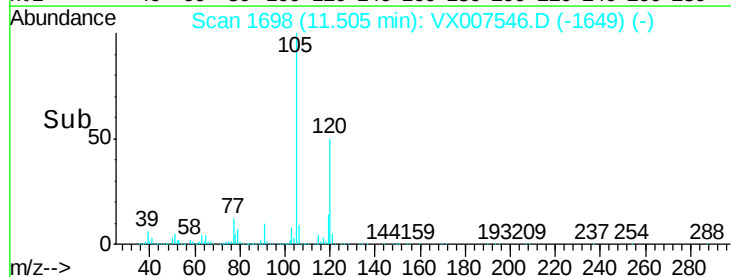
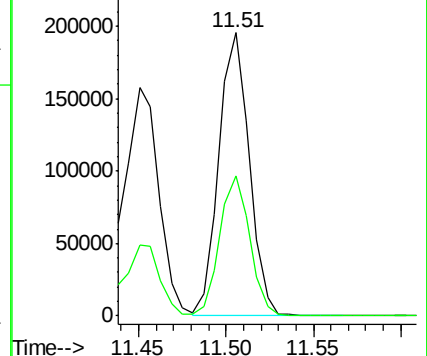
105 100

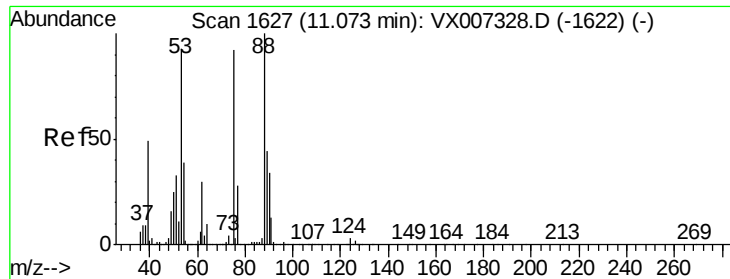
120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

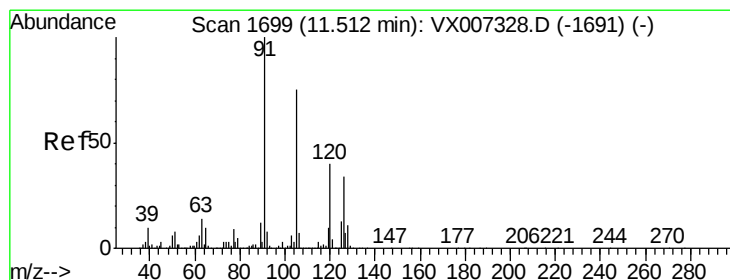
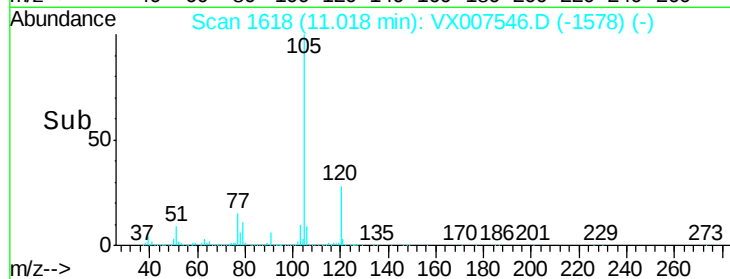
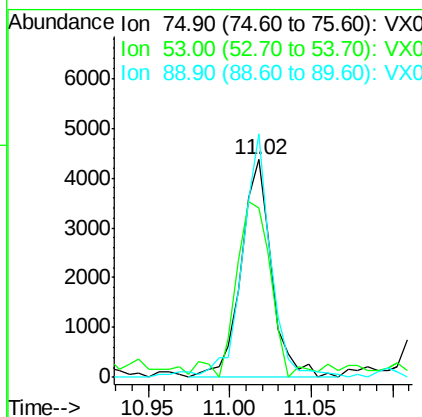
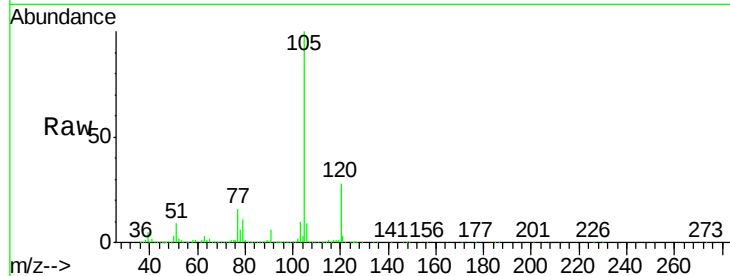




#81
trans-1,4-Dichloro-2-butene
Concen: 6.497 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.05 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

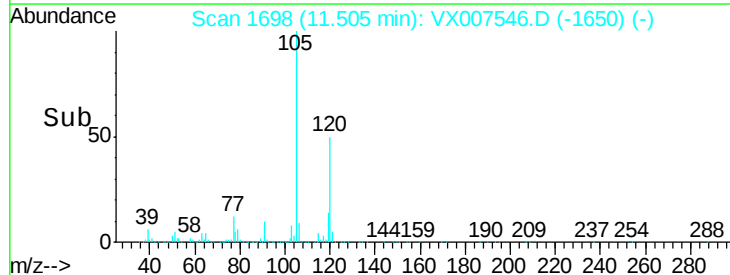
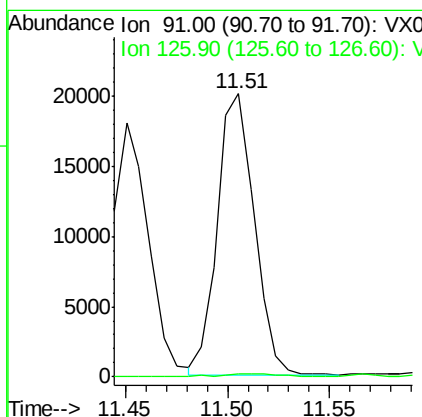
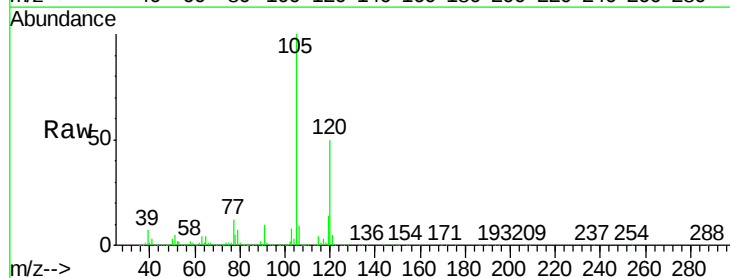
Instrument :
MSVOA_X
ClientSampleId :

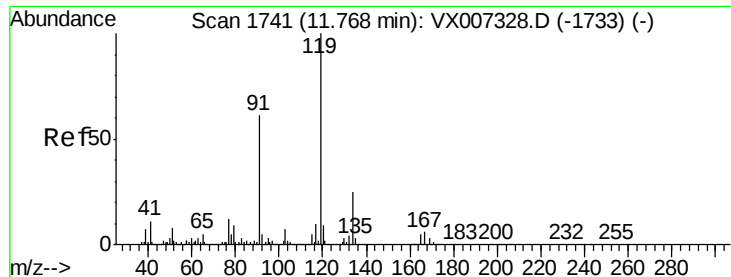
Tot Ion: 75 Resp: 5707
Ion Ratio Lower Upper
75 100
53 88.2 81.0 121.6
89 105.7 41.4 62.0#



#82
4-Chlorotoluene
Concen: 1.313 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion: 91 Resp: 25141
Ion Ratio Lower Upper
91 100
126 1.9 16.2 48.5#

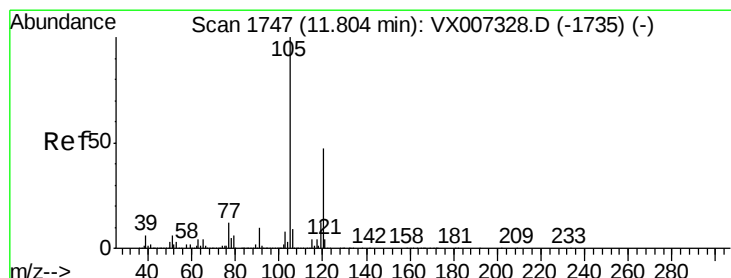
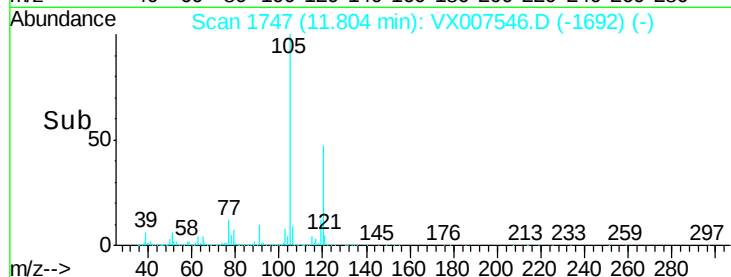
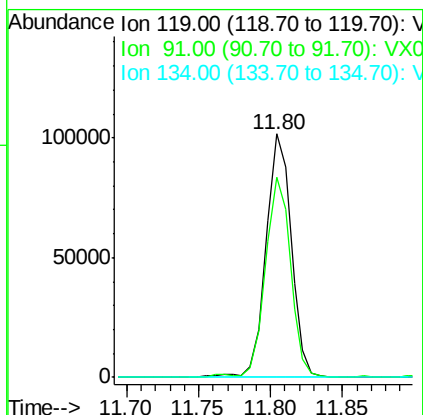
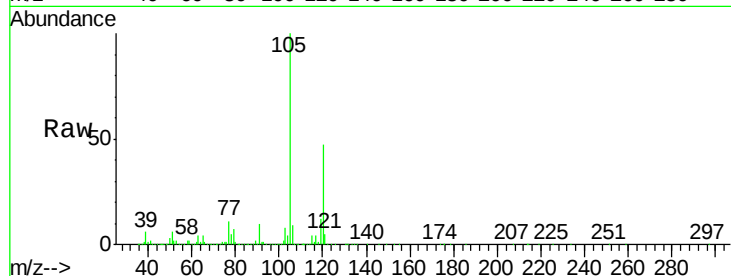




#83
tert-Butylbenzene
Concen: 6.123 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

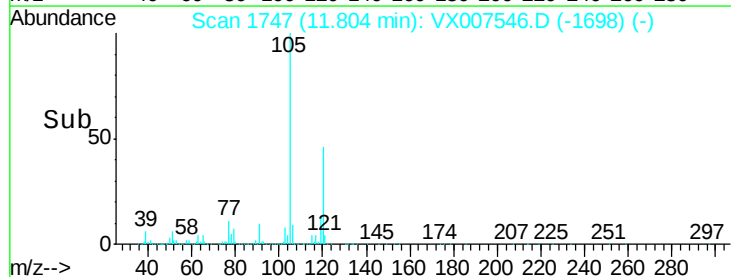
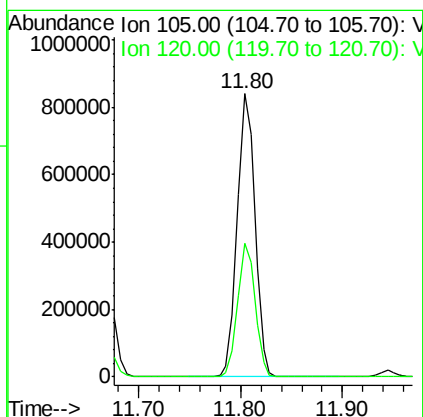
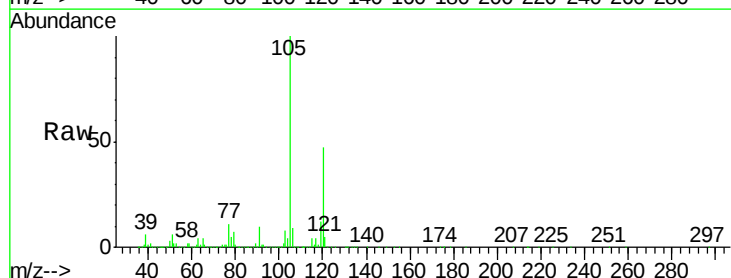
Instrument :
MSVOA_X
ClientSampled :

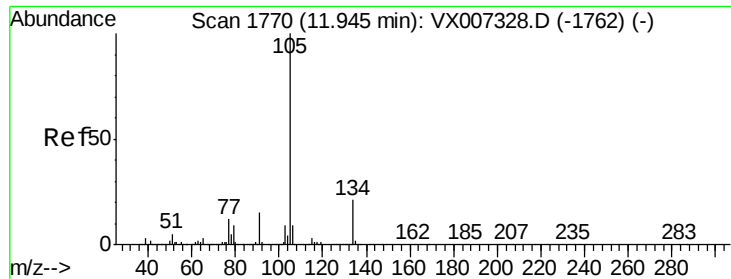
Tot Ion	Ratio	Lower	Upper
119	100		
91	81.9	28.5	85.6
134	0.4	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 48.524 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007546.D
Acq: 14 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 41.105 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

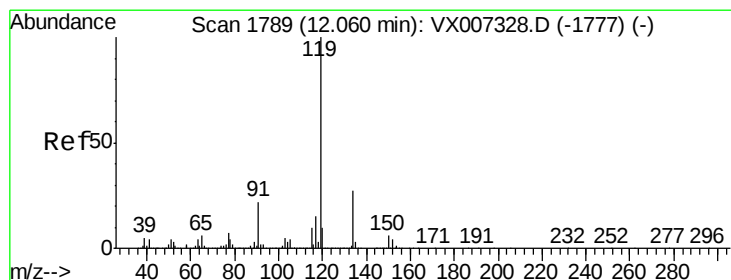
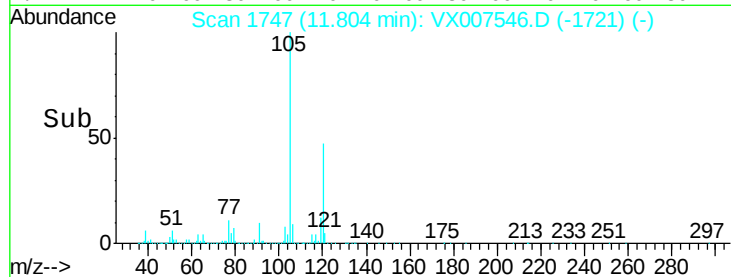
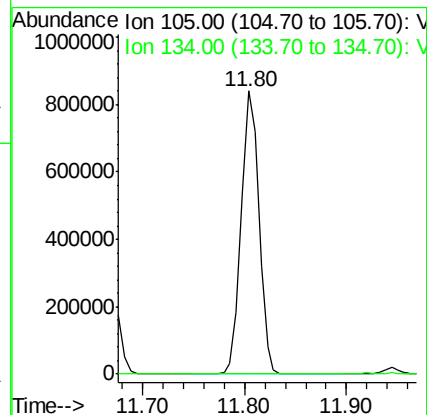
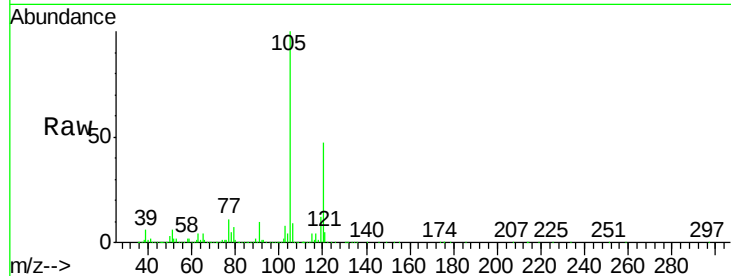
ClientSampleId :

Tot Ion:105 Resp: 1002229

Ion Ratio Lower Upper

105 100

134 0.1 10.6 31.8#



#86

p-Isopropyltoluene

Concen: 0.335 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

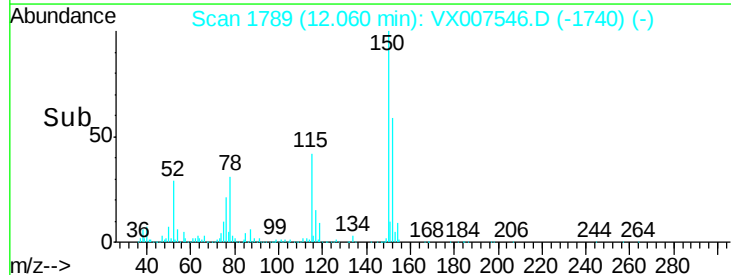
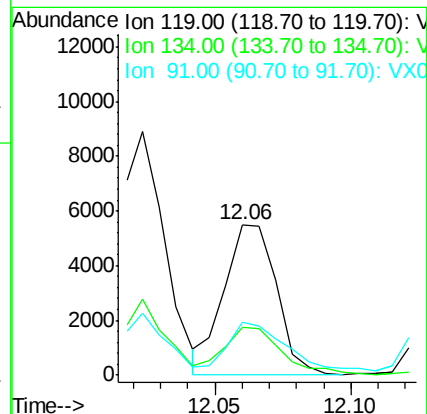
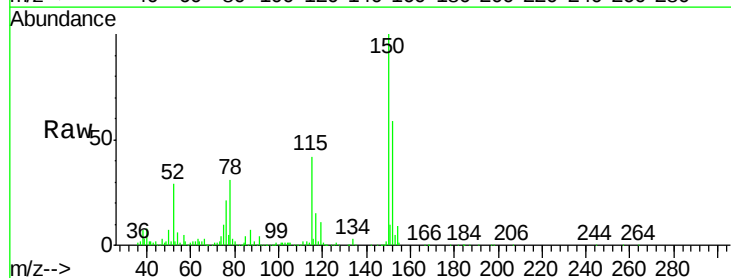
Tgt Ion:119 Resp: 7373

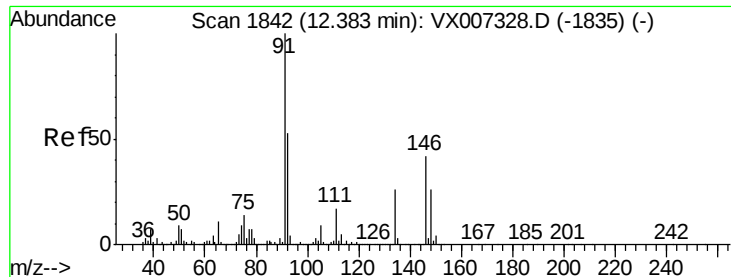
Ion Ratio Lower Upper

119 100

134 36.0 13.7 41.1

91 0.0 11.2 33.5#





#89

n-Butylbenzene

Concen: 1.600 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX007546.D

Acq: 14 Feb 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

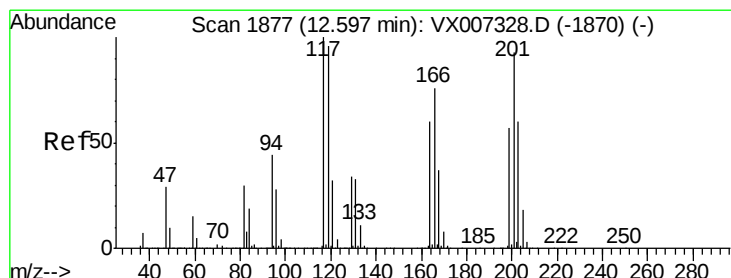
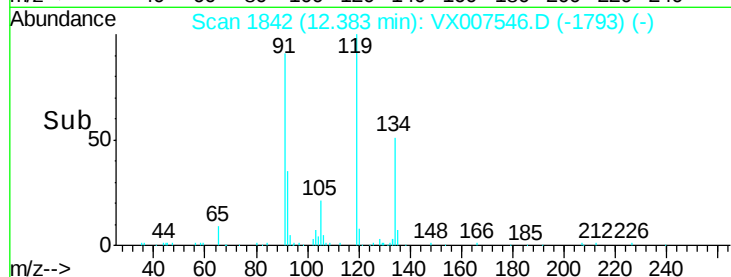
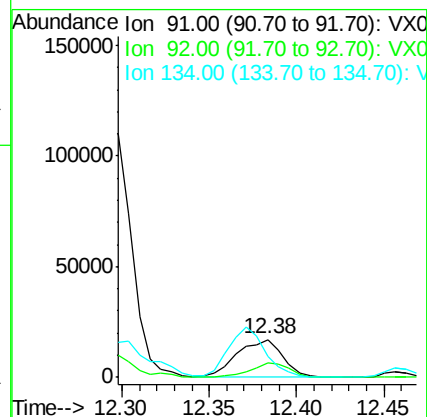
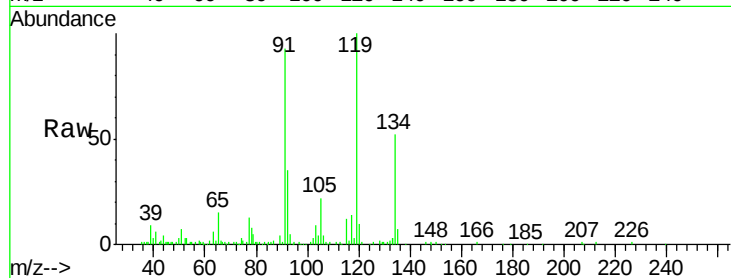
Tot Ion: 91 Resp: 30286

Ion Ratio Lower Upper

91 100

92 34.2 26.3 78.9

134 110.0 13.9 41.6#



#90

Hexachloroethane

Concen: 10.688 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007546.D

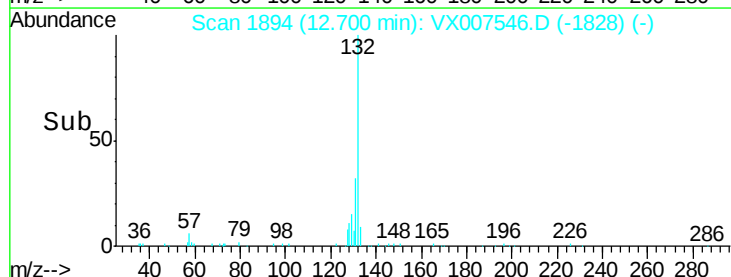
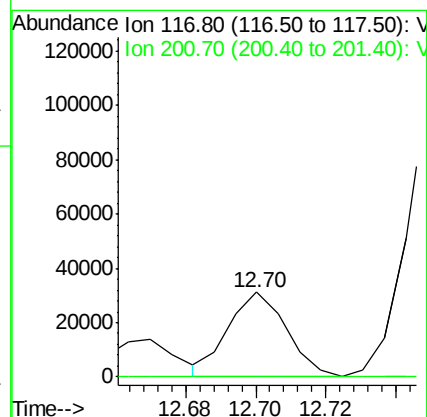
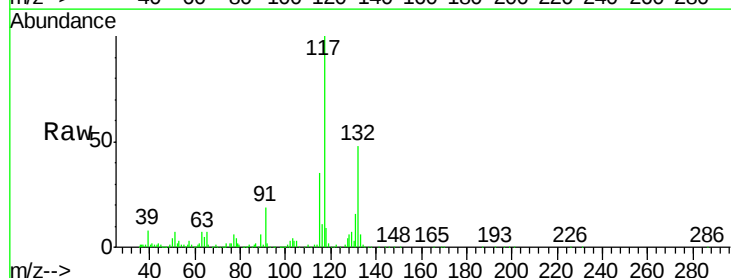
Acq: 14 Feb 2019 15:28

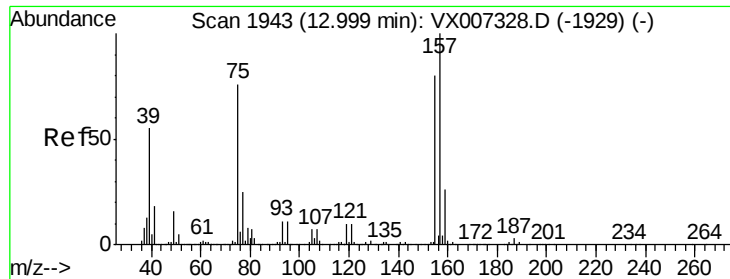
Tgt Ion: 117 Resp: 35208

Ion Ratio Lower Upper

117 100

201 0.1 44.9 134.7#

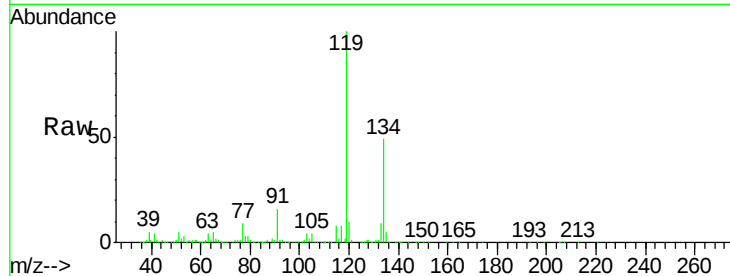




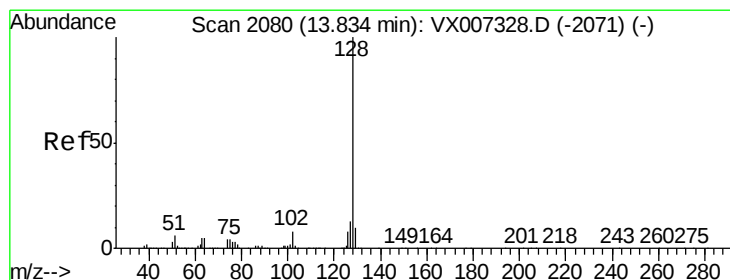
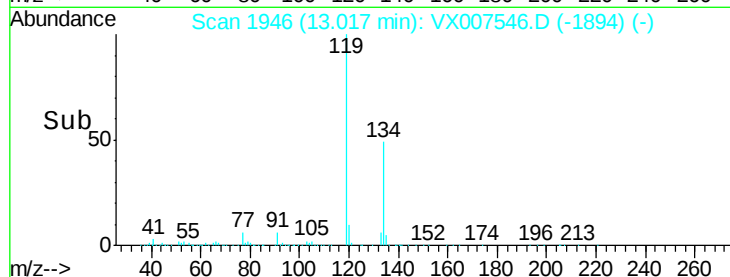
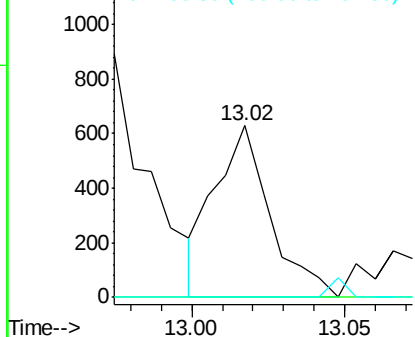
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.502 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX007546.D
 Acq: 14 Feb 2019 15:28

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 791
 Ion Ratio Lower Upper
 75 100
 155 0.0 49.6 149.0#
 157 0.0 65.1 195.3#

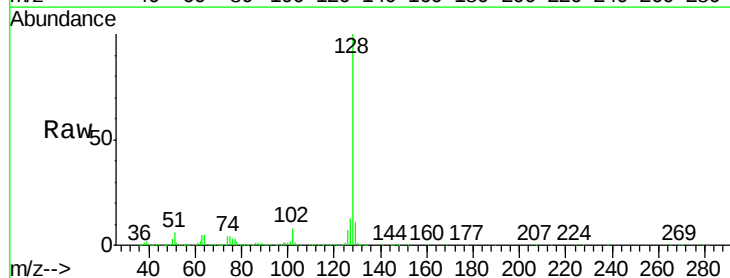


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 17.723 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX007546.D
 Acq: 14 Feb 2019 15:28

Tgt Ion: 128 Resp: 437463
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.5 15.7
 129 11.2 8.7 13.1



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

