

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007911.D
 Acq On : 08 Mar 2019 04:17
 Operator : JC/SP
 Sample : K1760-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-8

Quant Time: Mar 08 08:22:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154787	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	5.51	113	142165	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	541910	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.13	95	199767	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	891	0.292 ug/l	94
5) Bromomethane	1.66	94	80	Below Cal	# 2
6) Chloroethane	1.58	64	4362	2.166 ug/l	# 59
11) Tert butyl alcohol	3.06	59	426	0.652 ug/l	# 85
13) Acrolein	2.30	56	125	1.877 ug/l	# 34
16) Acetone	2.45	43	11930	7.050 ug/l	91
17) Carbon Disulfide	2.57	76	805	Below Cal	# 74
18) Methyl Acetate	2.78	43	9703	2.699 ug/l	98
20) Methylene Chloride	2.86	84	114136	42.379 ug/l	97
25) 2-Butanone	4.70	43	2389	0.997 ug/l	96
29) Tetrahydrofuran	5.17	42	1101	0.737 ug/l	# 86
30) Chloroform	5.21	83	1913	0.414 ug/l	96
31) Cyclohexane	5.66	56	4614	1.027 ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	17591	4.443 ug/l	# 49
38) Carbon Tetrachloride	5.66	117	23897	6.358 ug/l	# 16
41) Methacrylonitrile	5.17	41	661	0.258 ug/l	# 39
43) Isopropyl Acetate	6.46	43	16350	2.352 ug/l	98
48) Methyl methacrylate	7.68	41	7973	2.181 ug/l	# 16
49) 1,4-Dioxane	7.88	88	193	2.570 ug/l	# 1
51) 4-Methyl-2-Pentanone	8.62	43	76689	17.151 ug/l	# 50
54) cis-1,3-Dichloropropene	8.62	75	37643	8.551 ug/l	# 62
57) 1,3-Dichloropropane	9.54	76	8886	1.817 ug/l	# 43
59) 2-Hexanone	9.54	43	122897	35.402 ug/l	# 50
67) Ethyl Benzene	10.25	91	39863	2.760 ug/l	97
68) m/p-Xylenes	10.36	106	78565	14.111 ug/l	100
69) o-Xylene	10.70	106	35404	6.587 ug/l	99
70) Styrene	10.70	104	2751	0.313 ug/l	# 1
76) 1,2,3-Trichloropropane	11.13	75	91337	21.064 ug/l	# 40
78) n-propylbenzene	11.36	91	14534	0.937 ug/l	99
79) 2-Chlorotoluene	11.43	91	15193	1.603 ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.51	105	63120	5.488 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	91337	67.332 ug/l	# 11
82) 4-Chlorotoluene	11.51	91	6579	0.606 ug/l	# 43
83) tert-Butylbenzene	11.80	119	41655	3.595 ug/l	# 63

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QLast Update : Fri Mar 08 06:16:52 2019
Response via : Initial Calibration

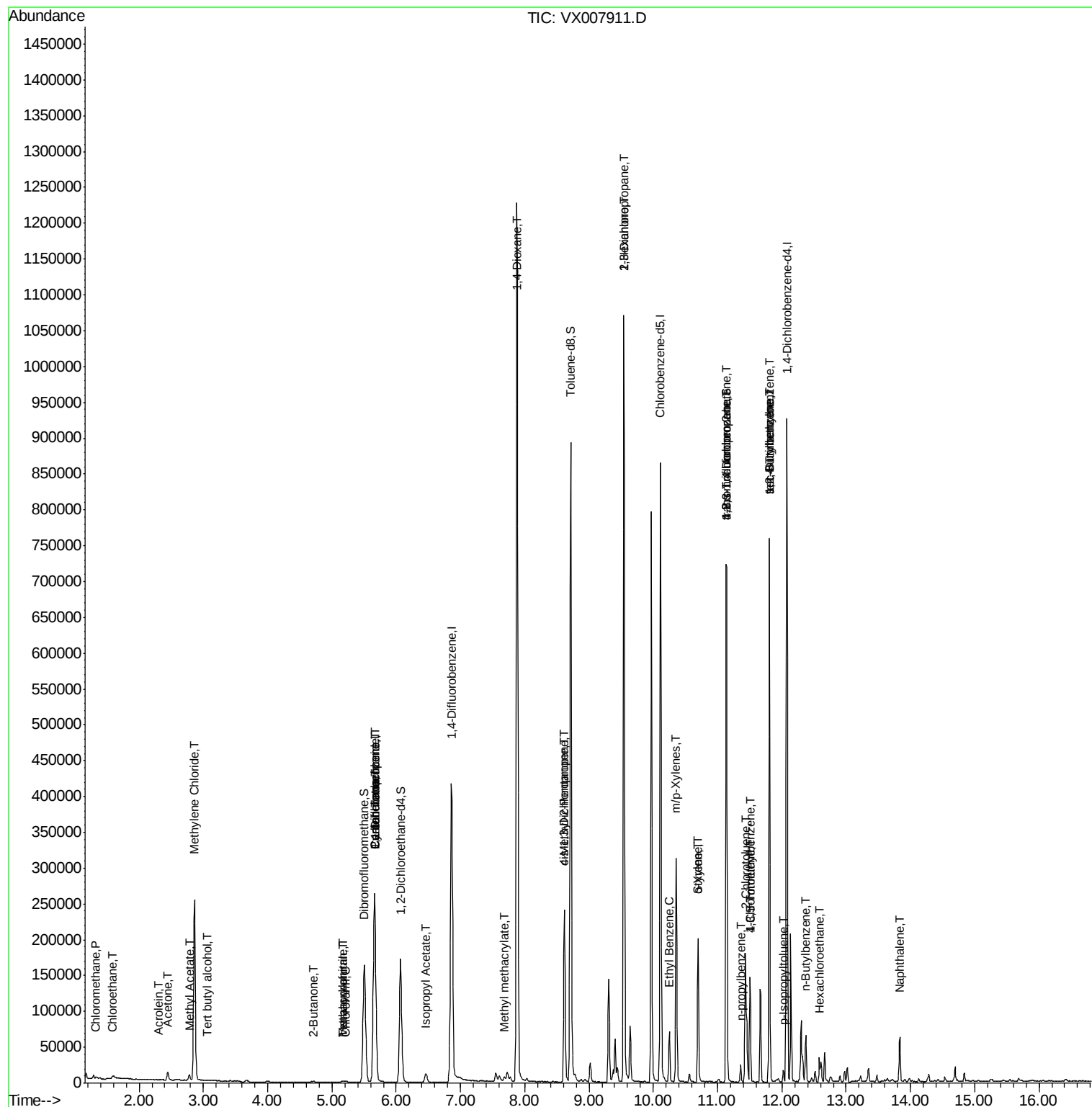
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	330863	28.060	ug/l	99
85) sec-Butylbenzene	11.80	105	330863	24.247	ug/l #	55
86) p-Isopropyltoluene	12.02	119	6029	0.493	ug/l	93
89) n-Butylbenzene	12.37	91	6632	0.641	ug/l #	1
90) Hexachloroethane	12.58	117	2484	1.216	ug/l #	1
95) Naphthalene	13.83	128	39440	2.894	ug/l	99

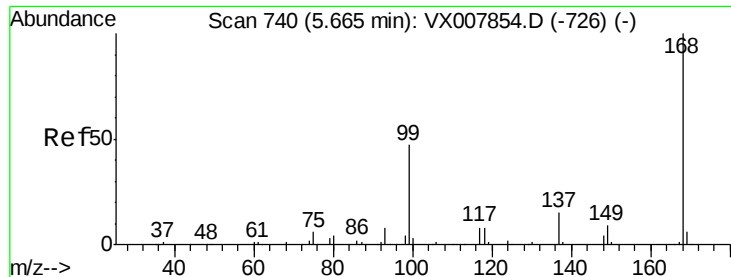
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

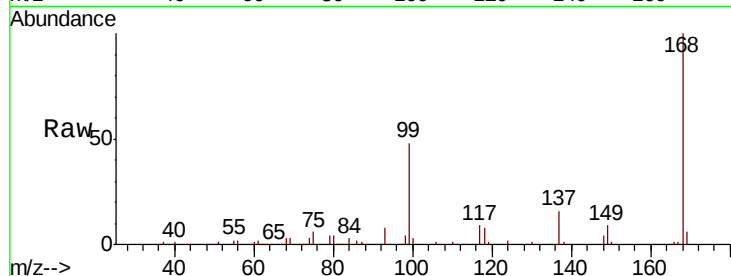
Z2-8

Tgt Ion:168 Resp: 277149

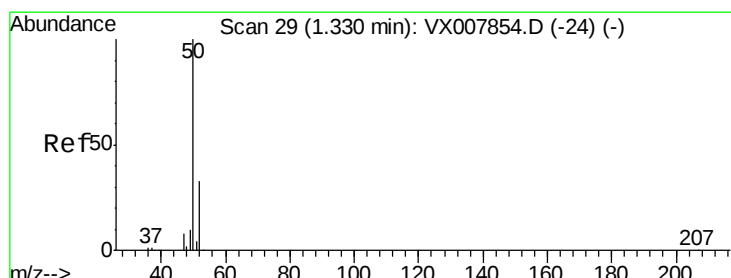
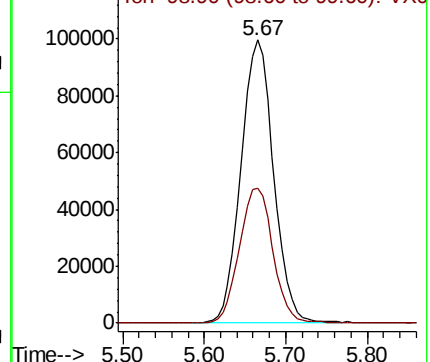
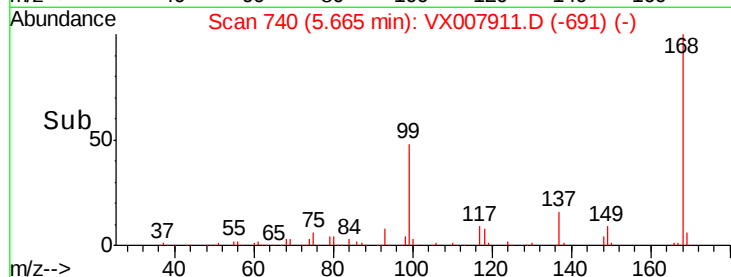
Ion Ratio Lower Upper

168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007911.D (-691) (-)



#3

Chloromethane

Concen: 0.292 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007911.D

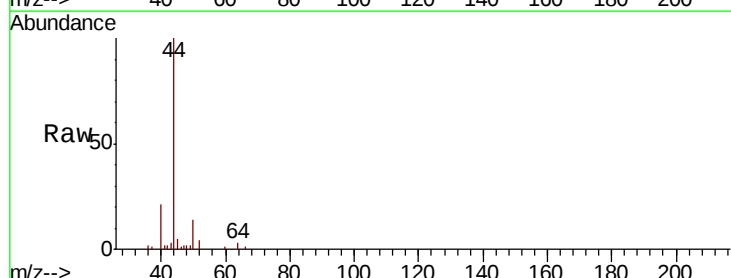
Acq: 08 Mar 2019 04:17

Tgt Ion: 50 Resp: 891

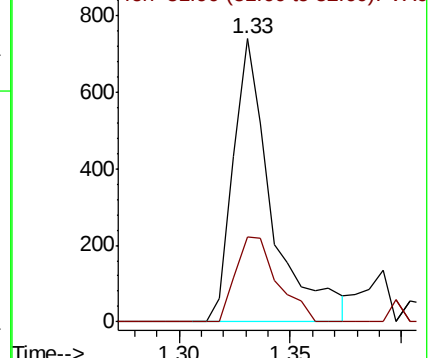
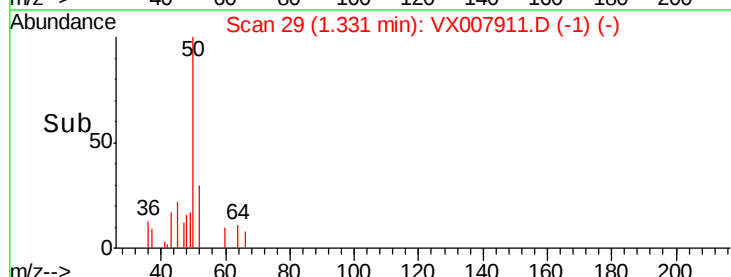
Ion Ratio Lower Upper

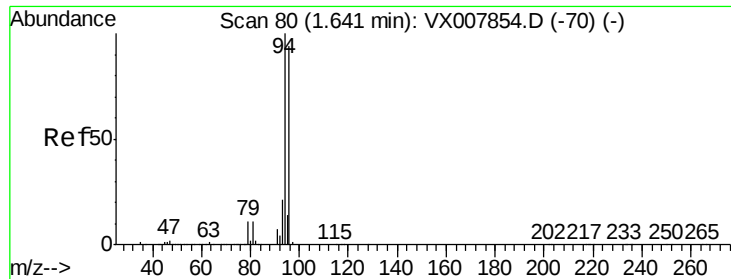
50 100

52 29.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX007911.D (-1) (-)





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

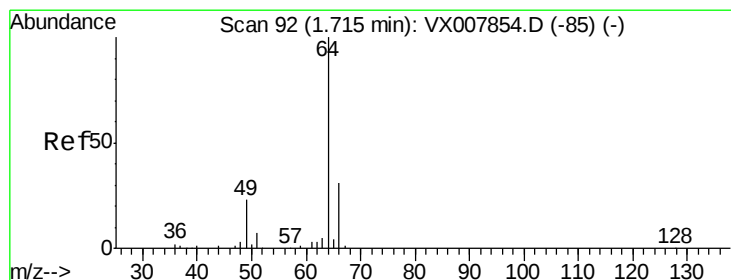
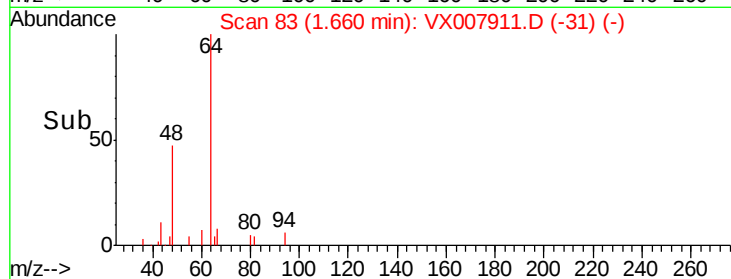
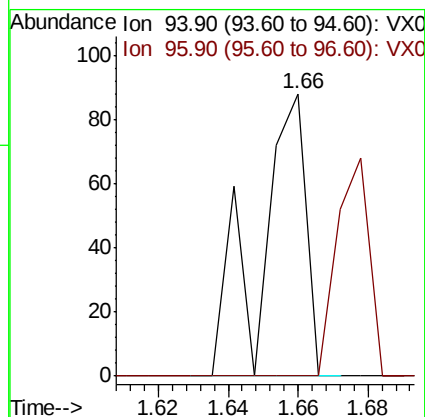
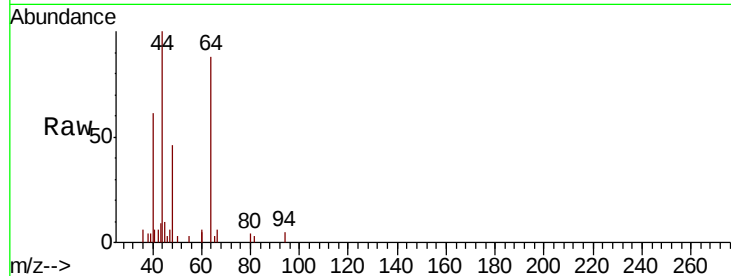
Z2-8

Tgt Ion: 94 Resp: 80

Ion Ratio Lower Upper

94 100

96 0.0 75.5 113.3#



#6

Chloroethane

Concen: 2.166 ug/l

RT: 1.58 min Scan# 70

Delta R.T. -0.13 min

Lab File: VX007911.D

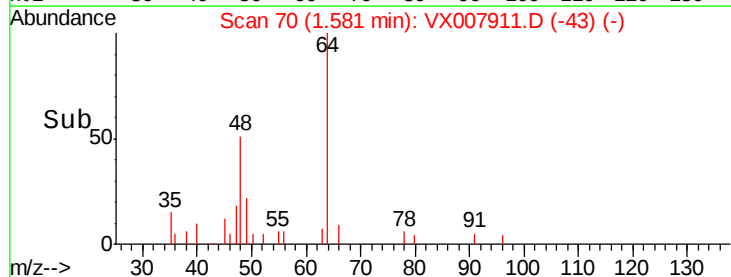
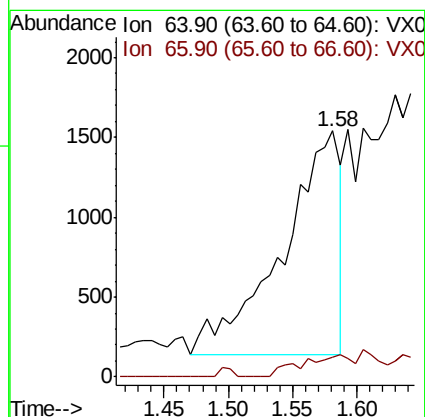
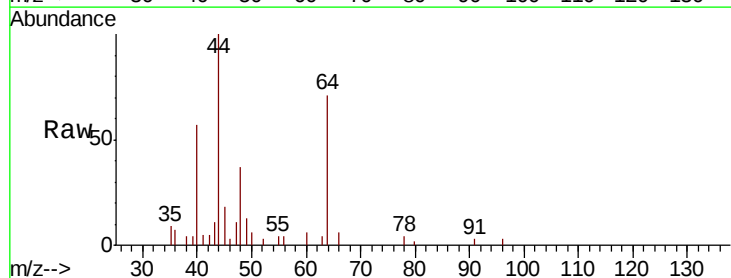
Acq: 08 Mar 2019 04:17

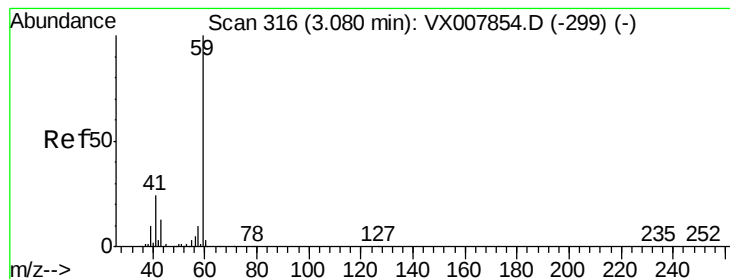
Tgt Ion: 64 Resp: 4362

Ion Ratio Lower Upper

64 100

66 9.0 25.2 37.8#



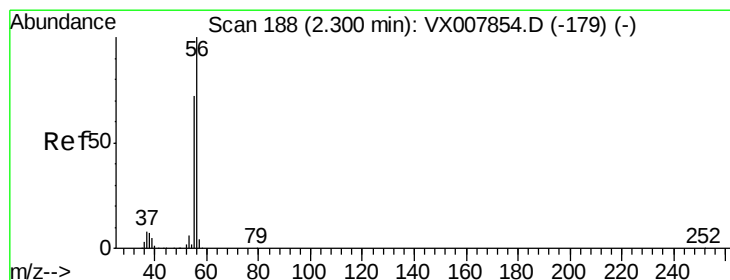
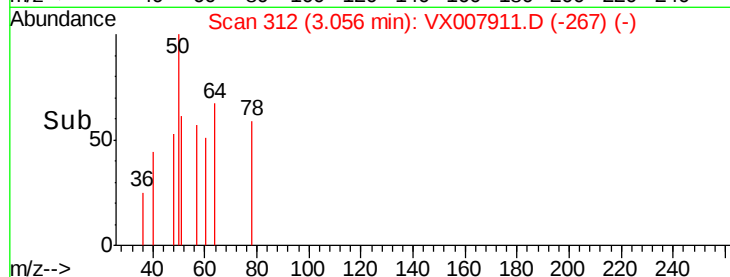
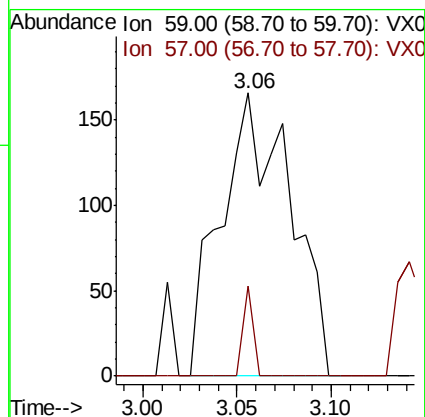
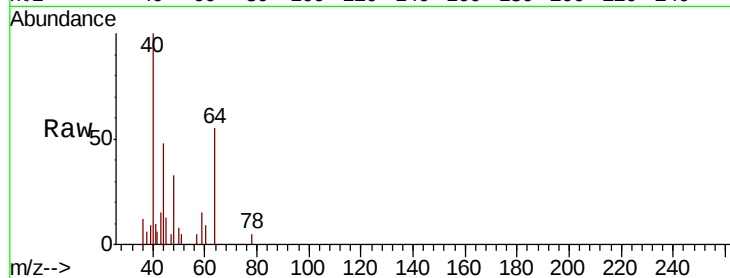


#11

Tert butyl alcohol
 Concen: 0.652 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

Instrument :
 MSVOA_X
 ClientSampled :
 Z2-8

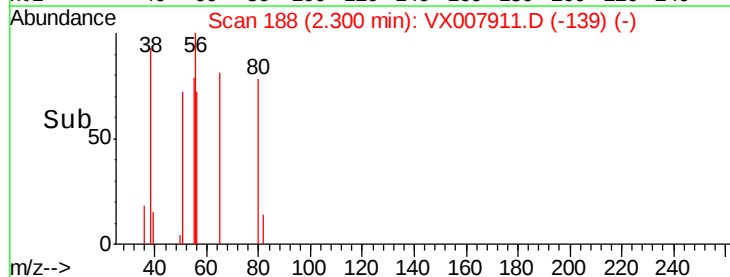
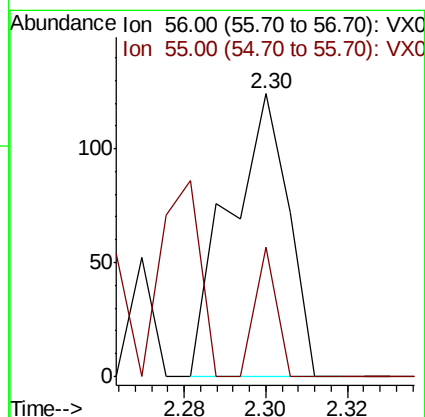
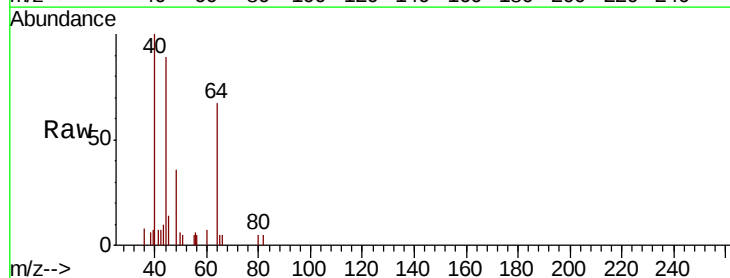
Tgt Ion: 59 Resp: 426
 Ion Ratio Lower Upper
 59 100
 57 4.5 8.2 12.2#

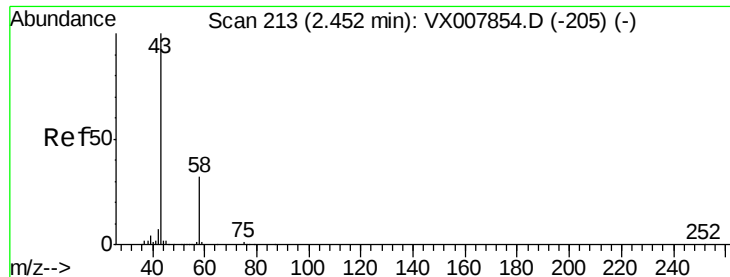


#13

Acrolein
 Concen: 1.877 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

Tgt Ion: 56 Resp: 125
 Ion Ratio Lower Upper
 56 100
 55 16.8 57.8 86.6#





#16

Acetone

Concen: 7.050 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

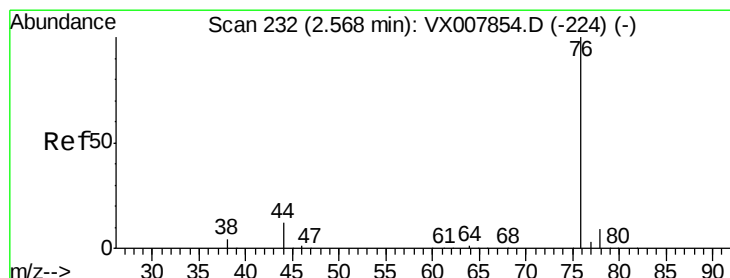
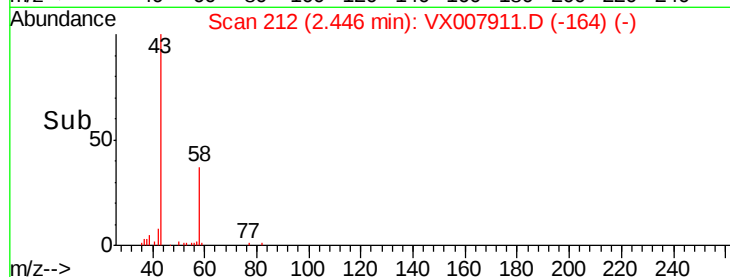
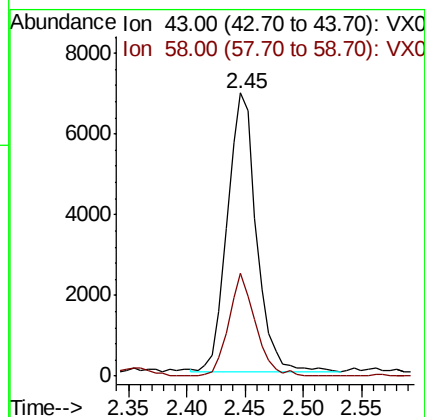
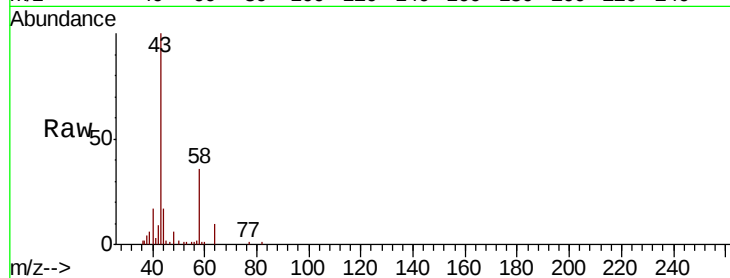
Z2-8

Tgt Ion: 43 Resp: 11930

Ion Ratio Lower Upper

43 100

58 36.9 25.5 38.3



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007911.D

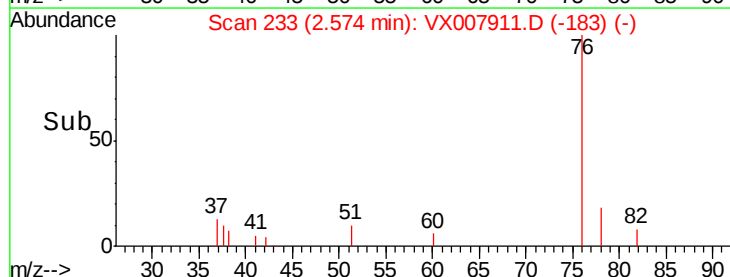
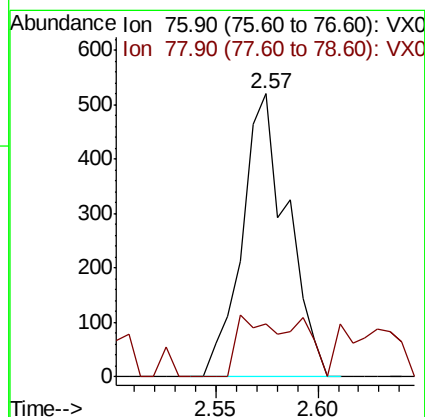
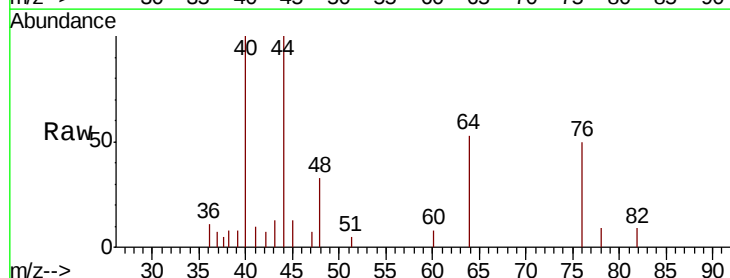
Acq: 08 Mar 2019 04:17

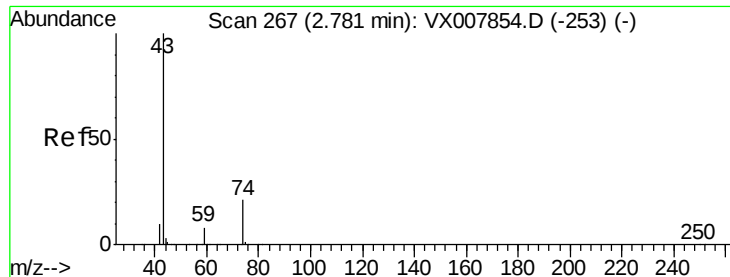
Tgt Ion: 76 Resp: 805

Ion Ratio Lower Upper

76 100

78 18.5 7.2 10.8#

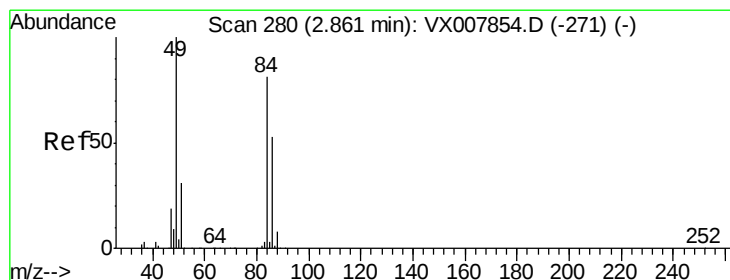
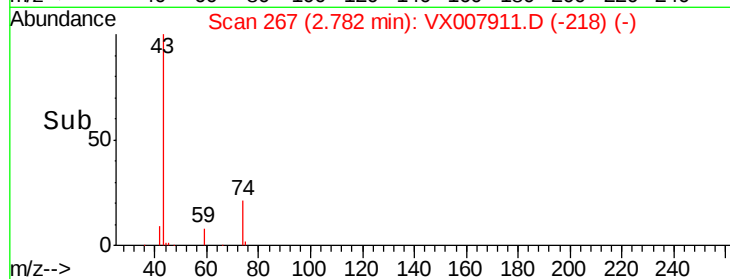
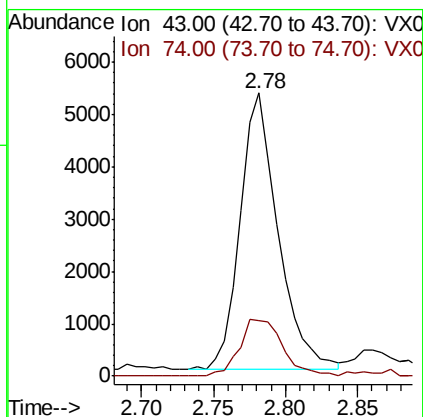
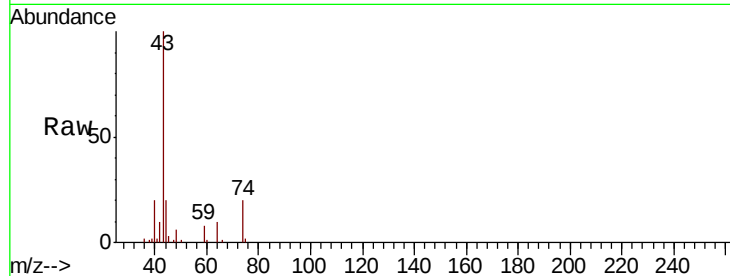




#18
Methyl Acetate
Concen: 2.699 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

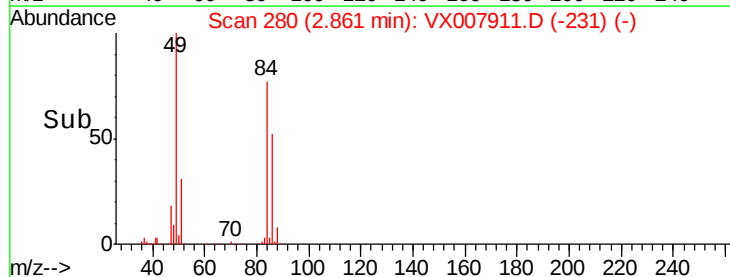
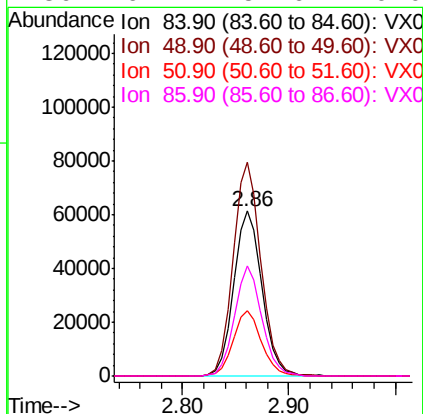
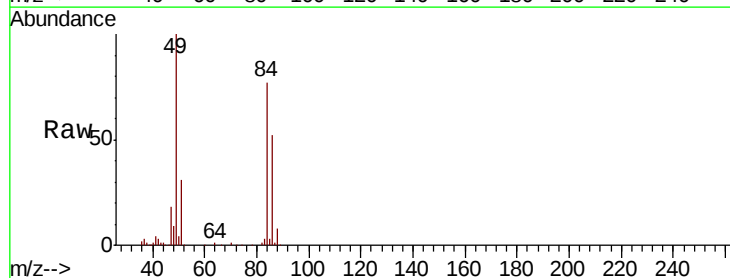
Instrument :
MSVOA_X
ClientSampleId :
Z2-8

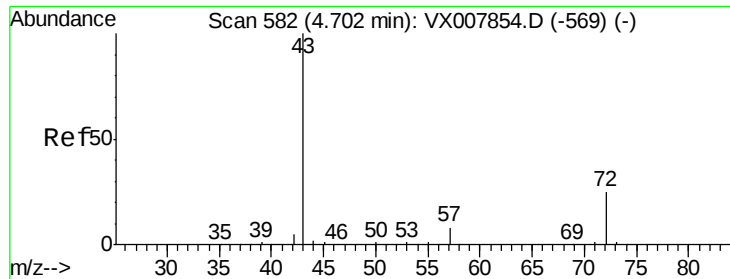
Tgt Ion: 43 Resp: 9703
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6



#20
Methylene Chloride
Concen: 42.379 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion: 84 Resp: 114136
Ion Ratio Lower Upper
84 100
49 129.4 99.3 148.9
51 39.8 31.3 46.9
86 67.1 52.6 79.0





#25

2-Butanone

Concen: 0.997 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampled :

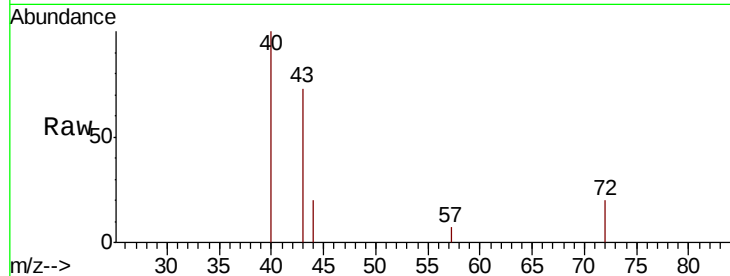
Z2-8

Tgt Ion: 43 Resp: 2389

Ion Ratio Lower Upper

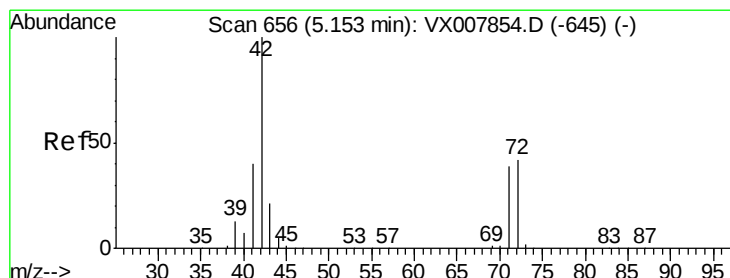
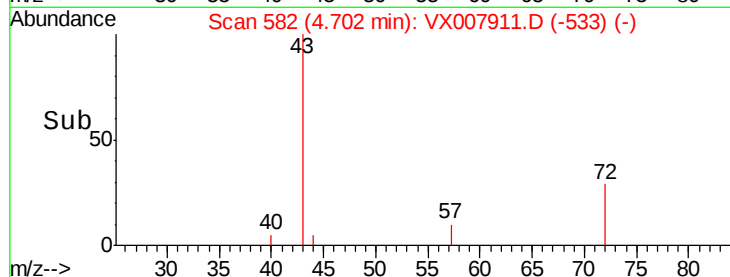
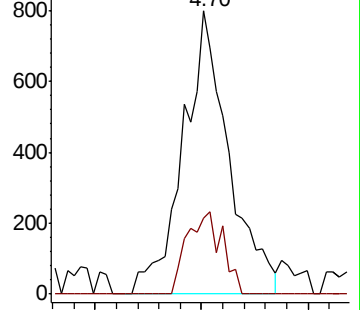
43 100

72 26.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.737 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

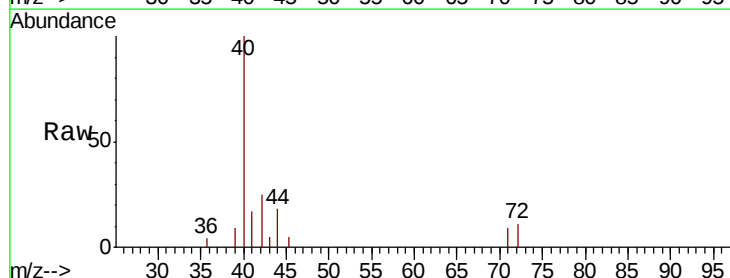
Tgt Ion: 42 Resp: 1101

Ion Ratio Lower Upper

42 100

72 27.4 33.8 50.6#

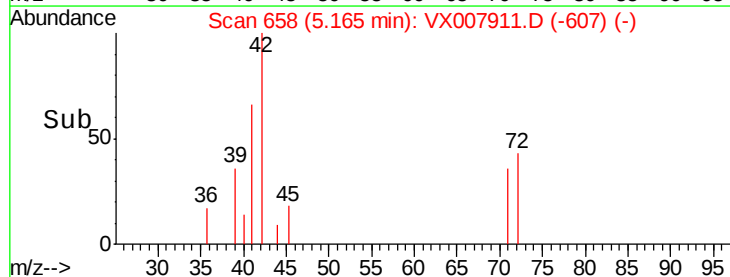
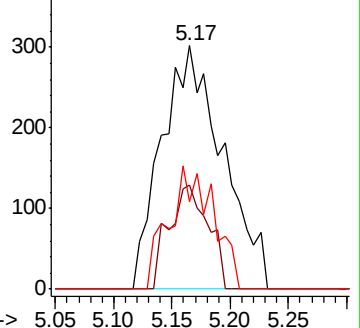
71 36.9 31.5 47.3

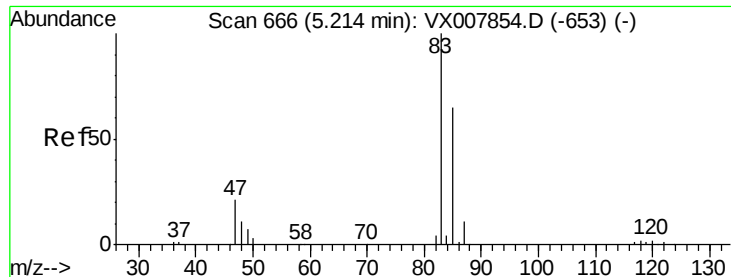


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

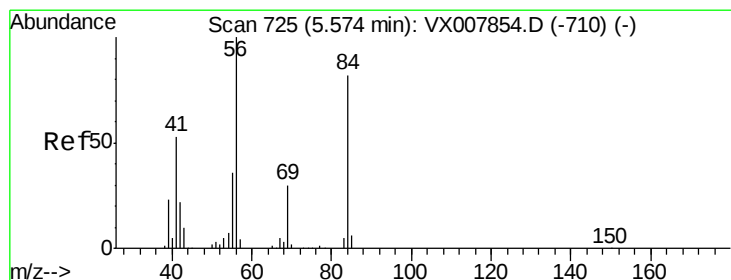
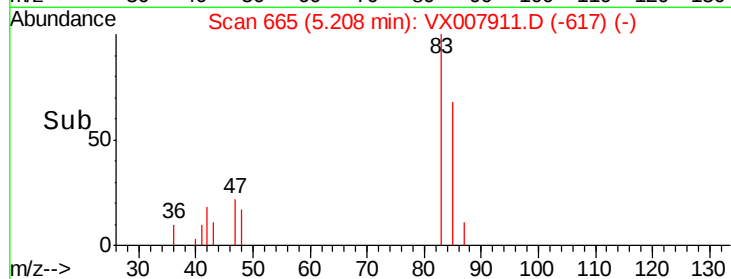
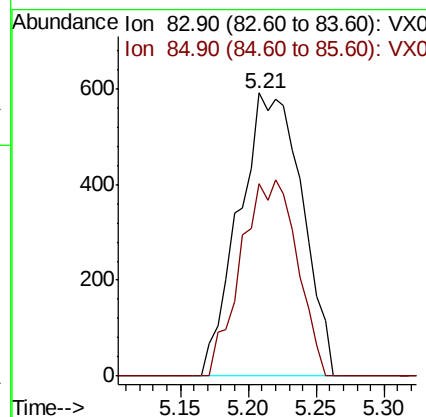
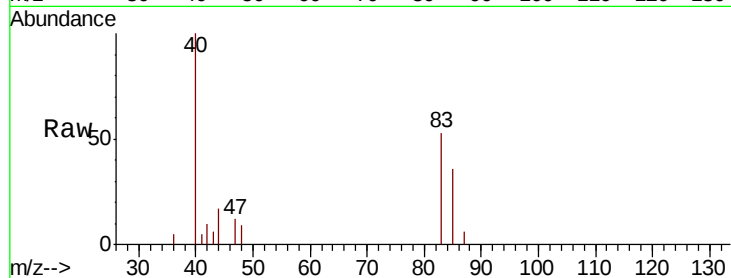




#30
Chloroform
Concen: 0.414 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

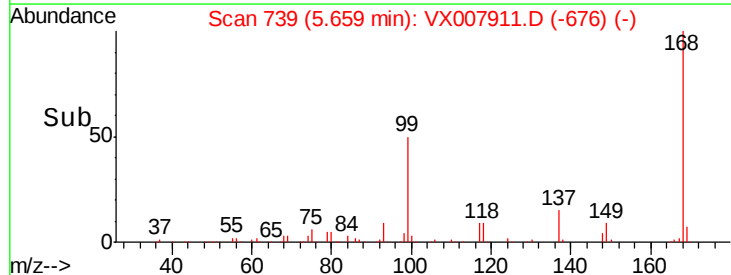
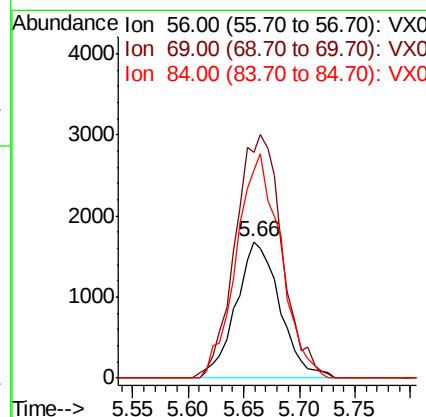
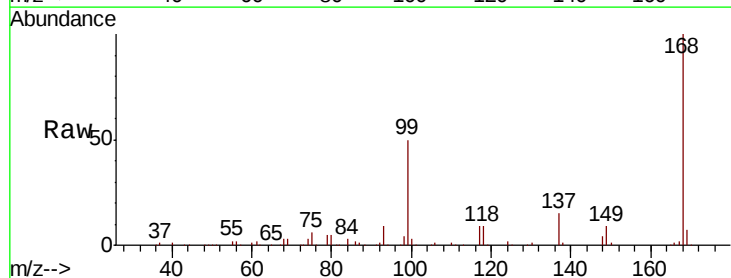
Instrument :
MSVOA_X
ClientSampleId :
Z2-8

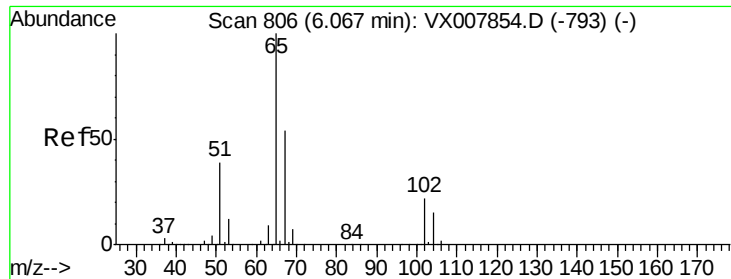
Tgt Ion: 83 Resp: 1913
Ion Ratio Lower Upper
83 100
85 68.0 51.8 77.6



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion: 56 Resp: 4614
Ion Ratio Lower Upper
56 100
69 165.6 24.0 36.0#
84 152.4 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 52.943 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

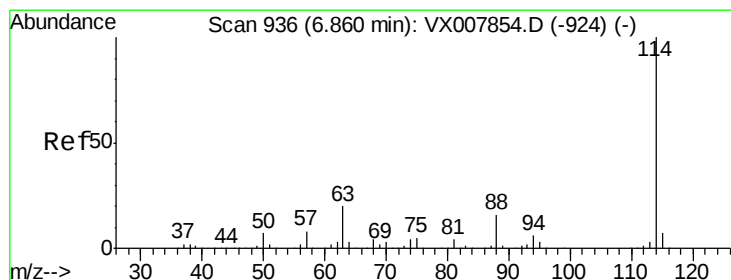
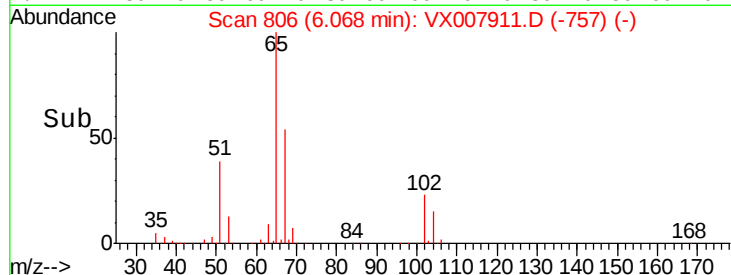
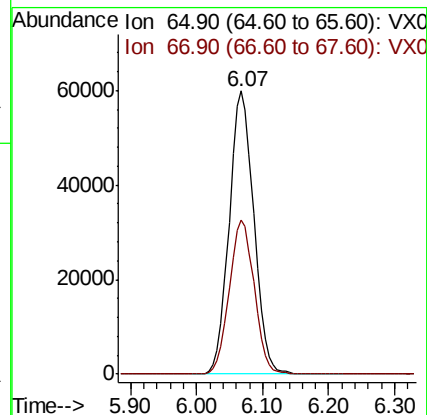
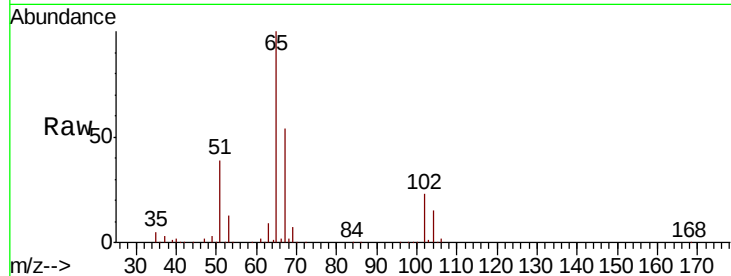
Z2-8

Tgt Ion: 65 Resp: 154787

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

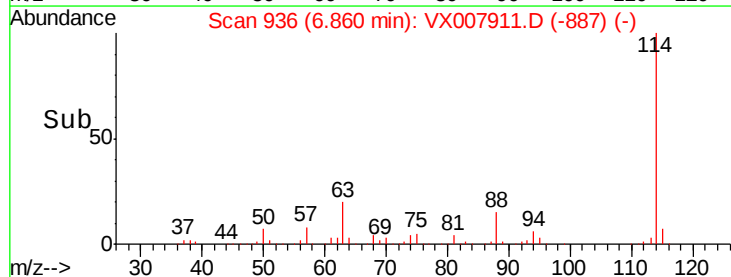
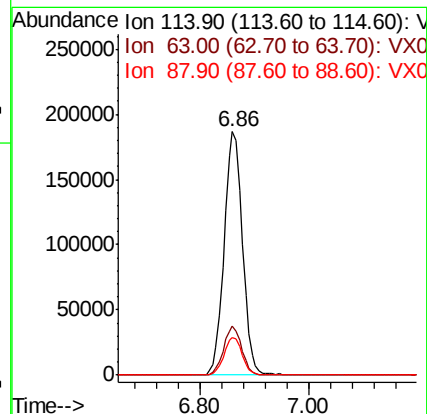
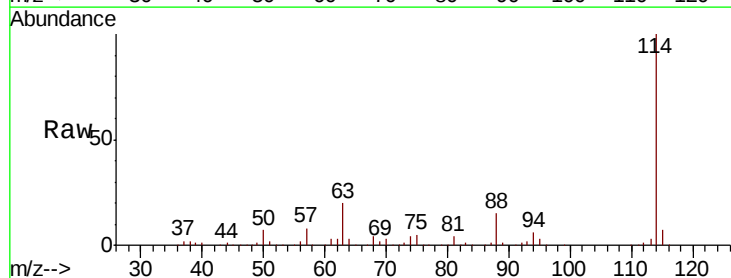
Tgt Ion: 114 Resp: 437208

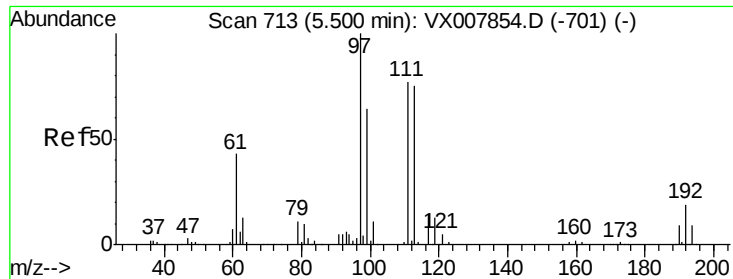
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 15.3 0.0 31.4

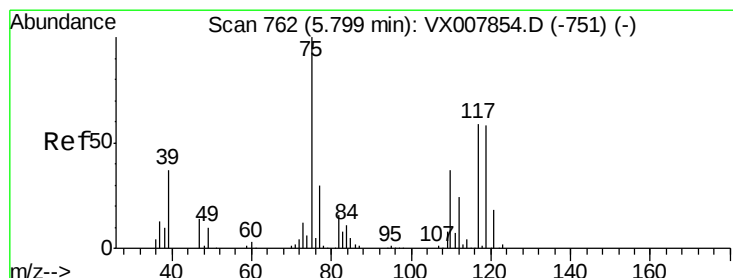
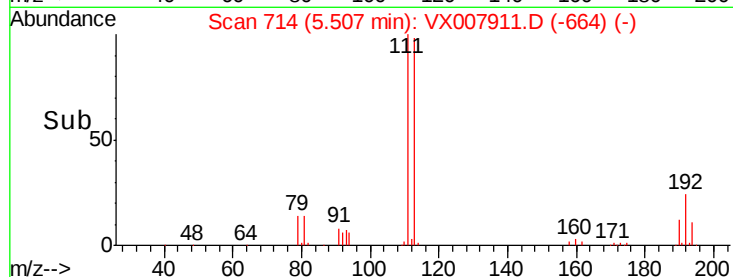
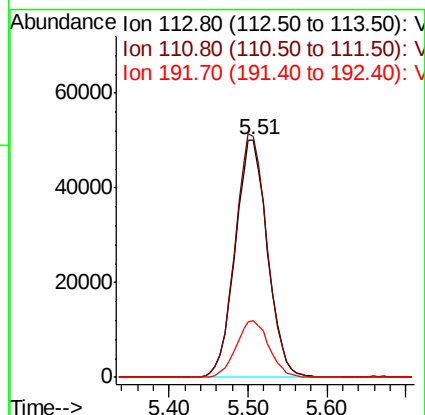
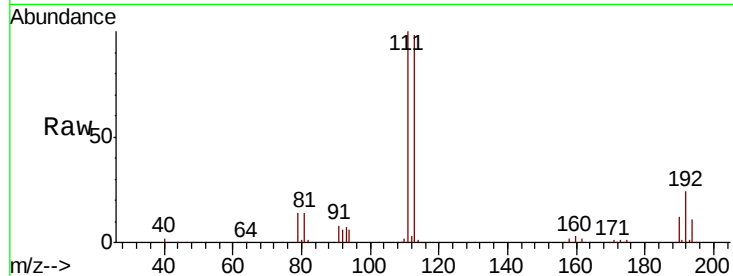




#35
 Dibromofluoromethane
 Concen: 50.834 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

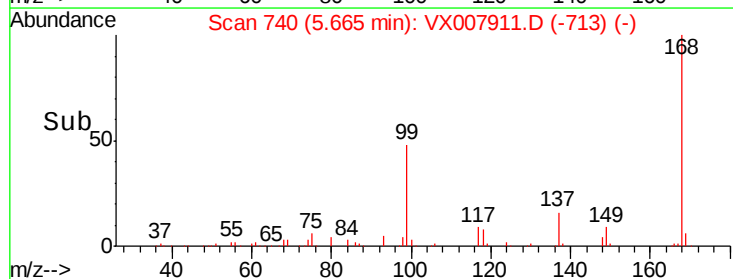
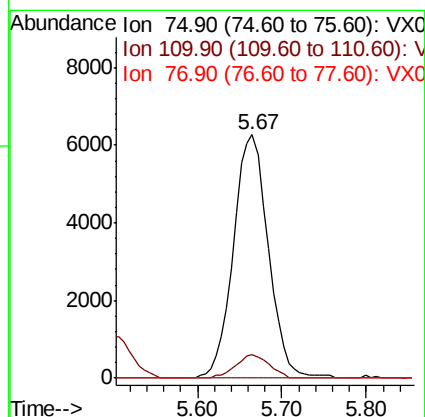
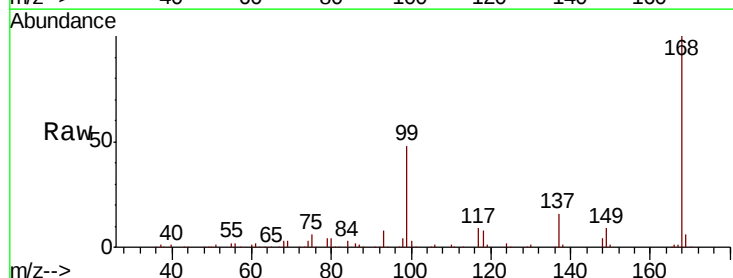
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-8

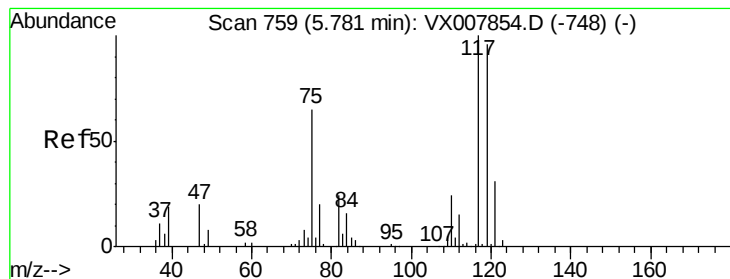
Tgt Ion:113 Resp: 142165
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.443 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

Tgt Ion: 75 Resp: 17591
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.4 55.0#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.358 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

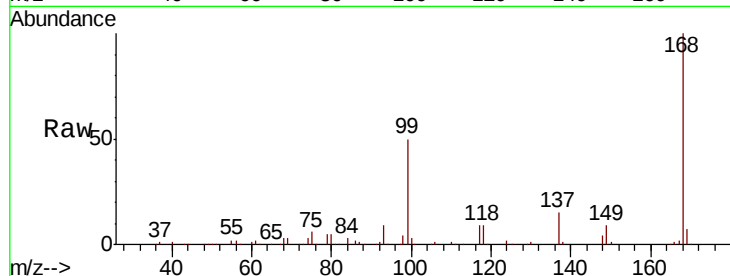
Tgt Ion: 117 Resp: 23897

Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

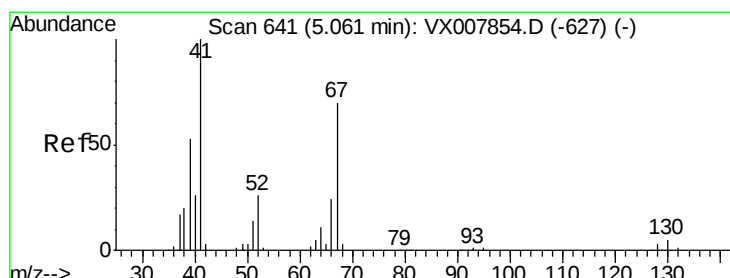
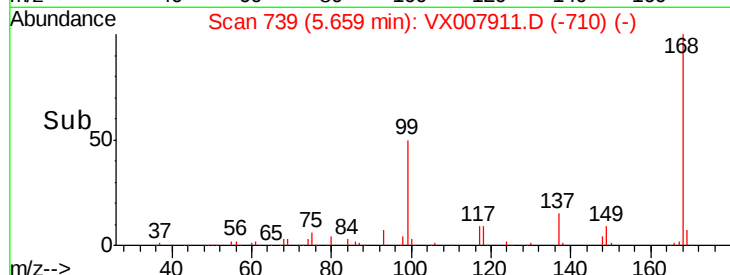
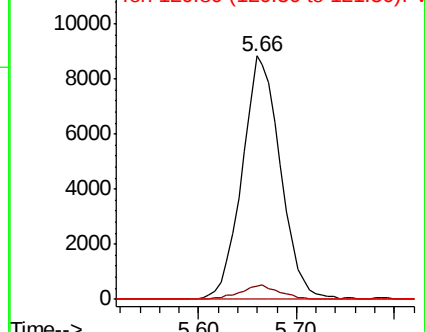
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.258 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.11 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Tgt Ion: 41 Resp: 661

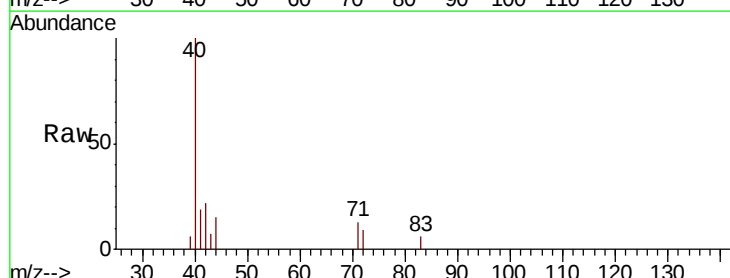
Ion Ratio Lower Upper

41 100

39 28.1 41.6 62.4#

67 0.0 55.8 83.6#

52 0.0 21.7 32.5#

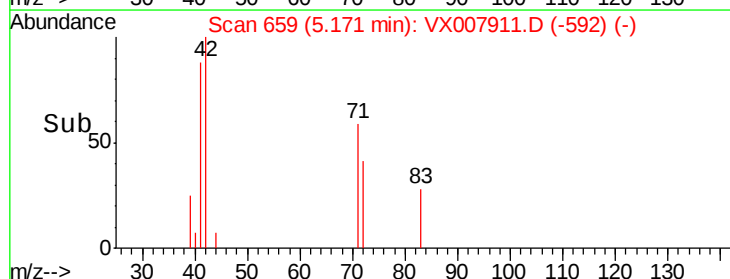
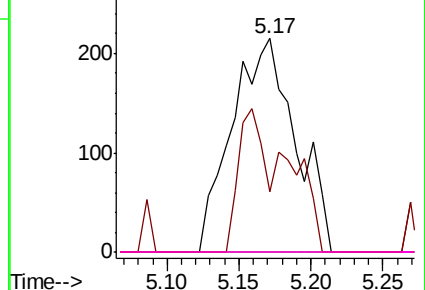


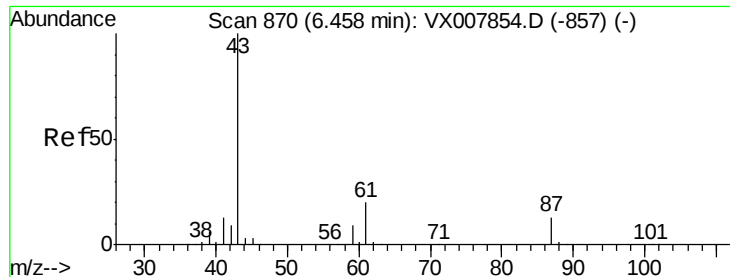
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 2.352 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

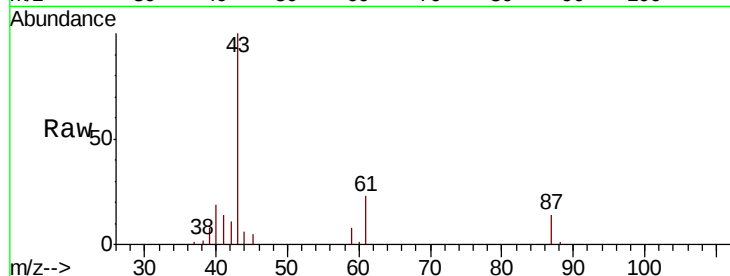
Tgt Ion: 43 Resp: 16350

Ion Ratio Lower Upper

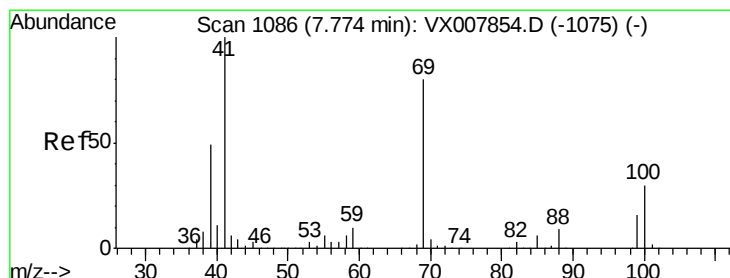
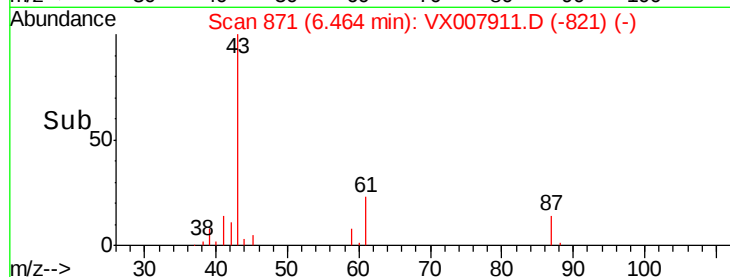
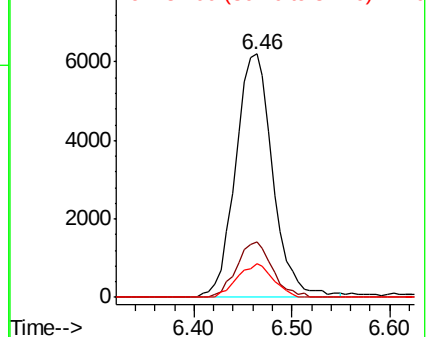
43 100

61 21.8 16.3 24.5

87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.181 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

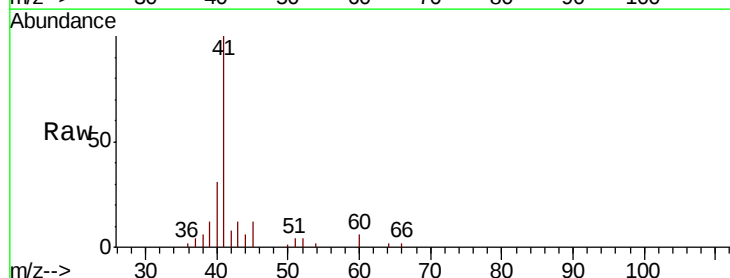
Tgt Ion: 41 Resp: 7973

Ion Ratio Lower Upper

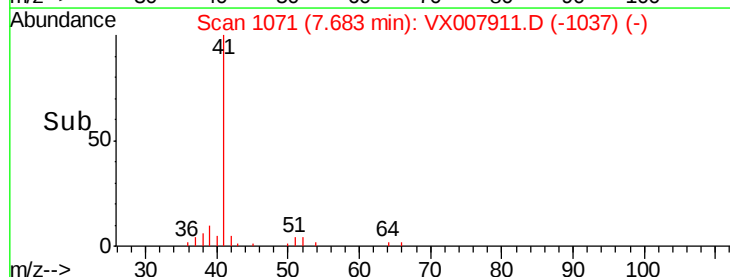
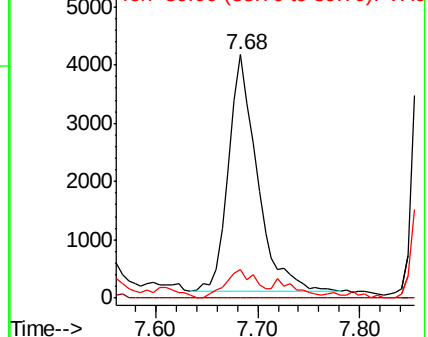
41 100

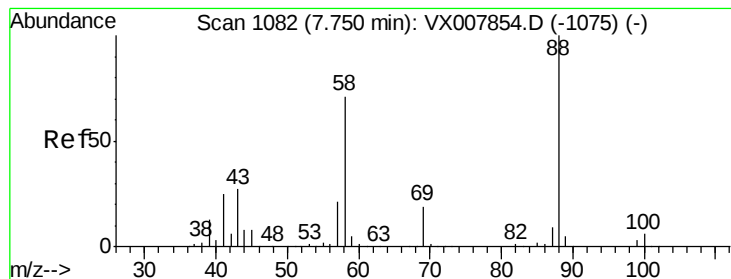
69 0.0 65.2 97.8#

39 0.0 39.4 59.2#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.570 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.13 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

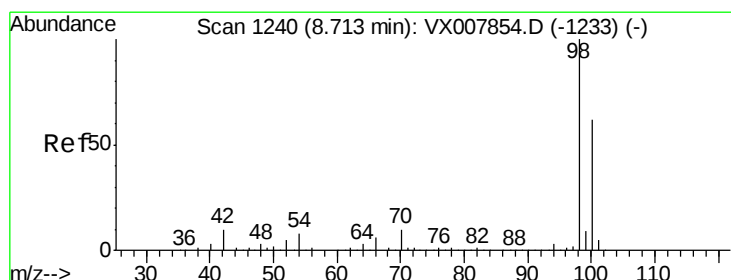
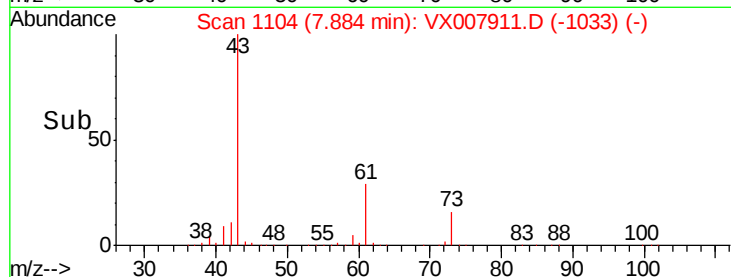
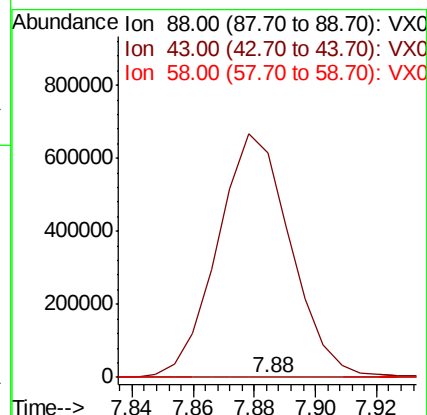
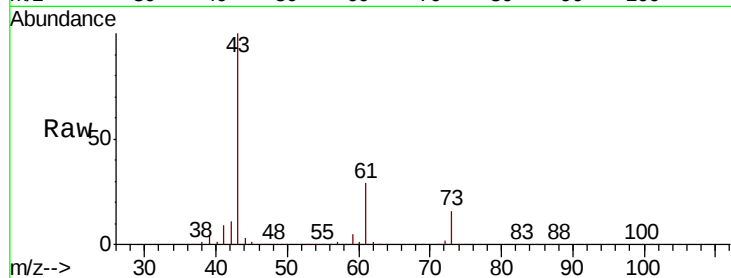
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 579022.3 25.1 37.7#

58 2477.7 57.8 86.6#



#50

Toluene-d8

Concen: 52.762 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007911.D

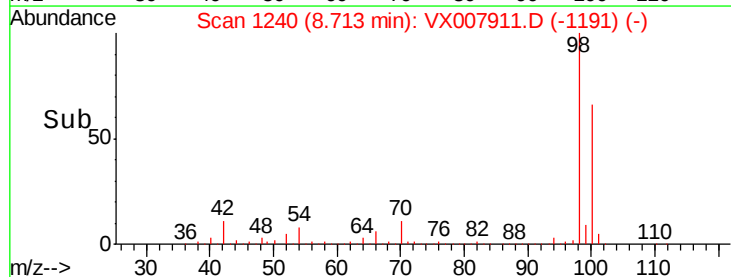
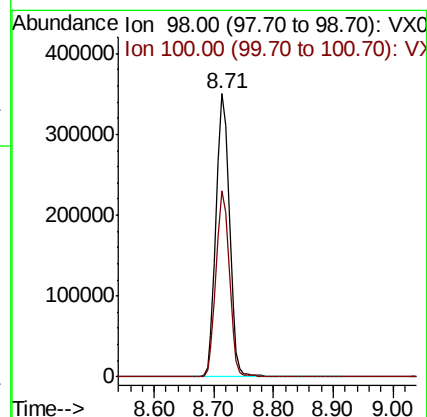
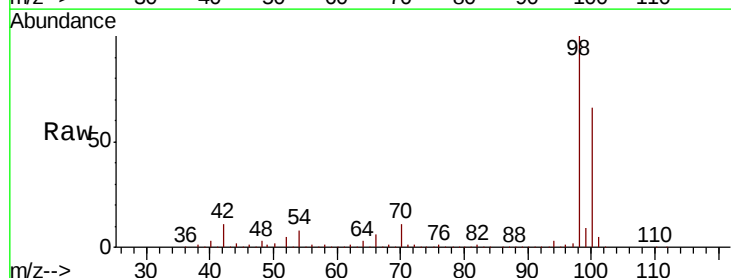
Acq: 08 Mar 2019 04:17

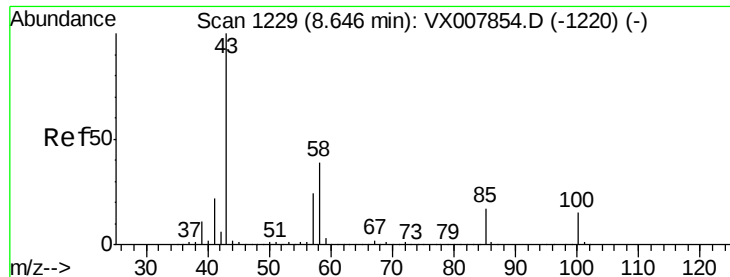
Tgt Ion: 98 Resp: 541910

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 17.151 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampled :

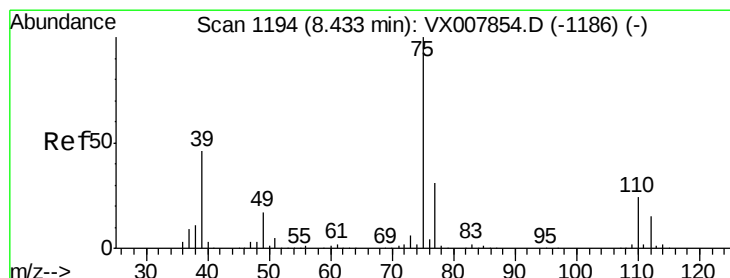
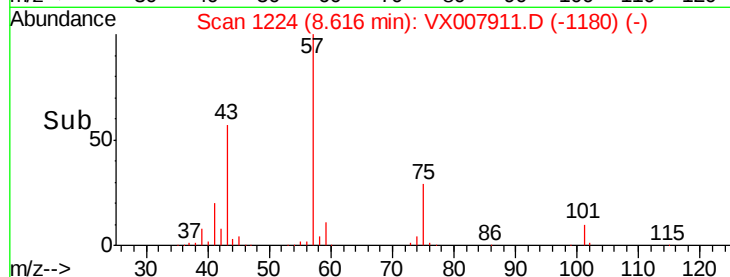
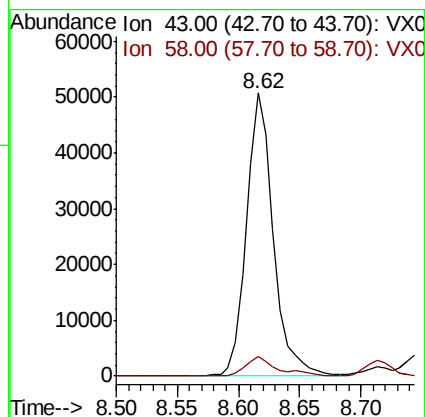
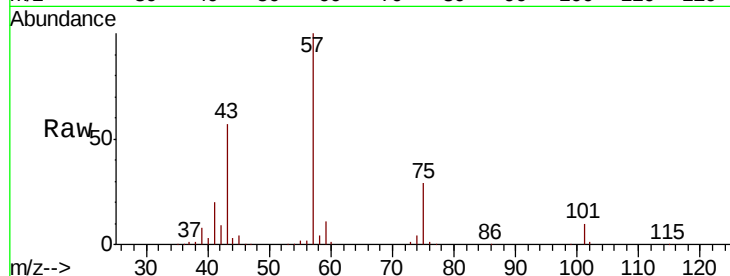
Z2-8

Tgt Ion: 43 Resp: 76689

Ion Ratio Lower Upper

43 100

58 8.3 31.3 46.9#



#54

cis-1,3-Dichloropropene

Concen: 8.551 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

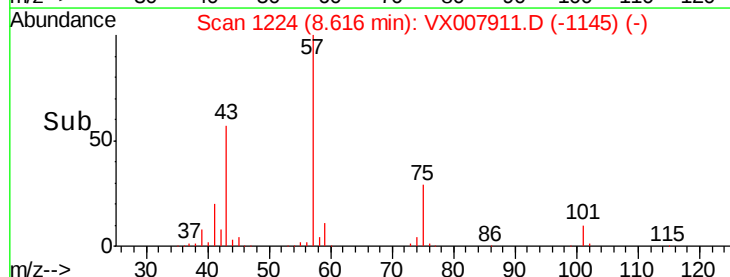
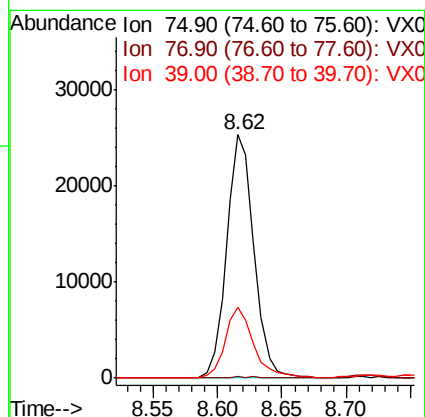
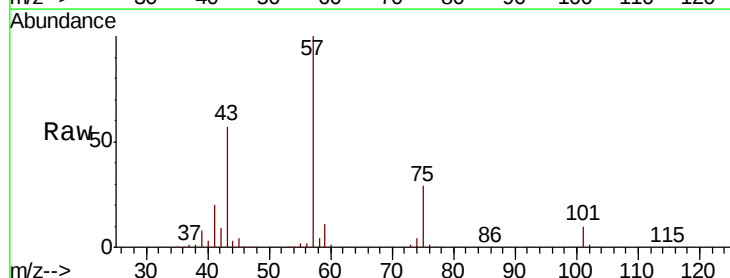
Tgt Ion: 75 Resp: 37643

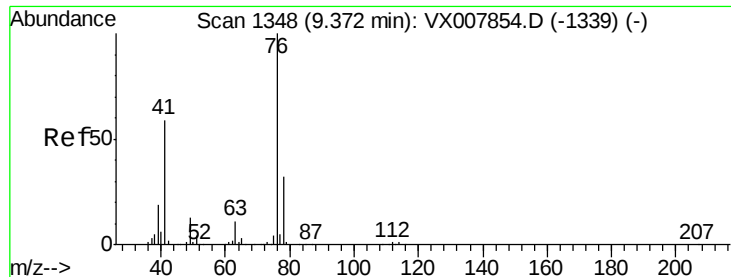
Ion Ratio Lower Upper

75 100

77 0.8 25.0 37.6#

39 28.8 36.6 54.8#





#57

1,3-Dichloropropane

Concen: 1.817 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

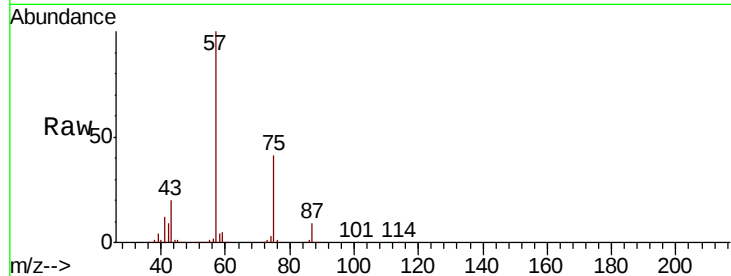
Z2-8

Tgt Ion: 76 Resp: 8886

Ion Ratio Lower Upper

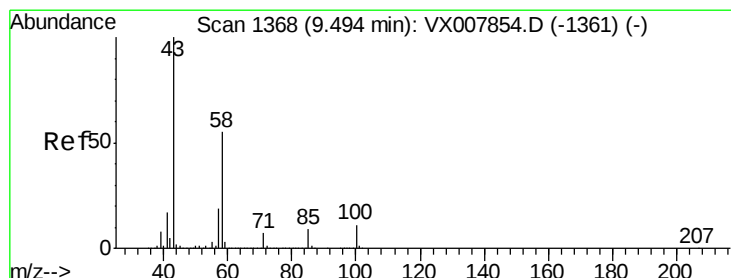
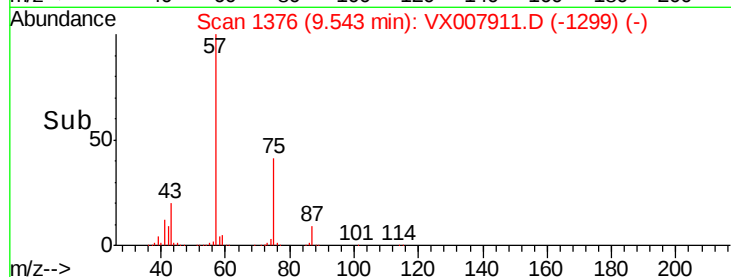
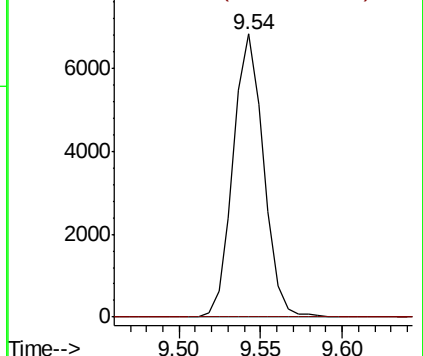
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 35.402 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007911.D

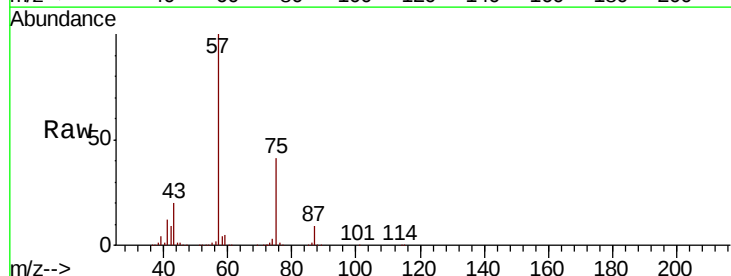
Acq: 08 Mar 2019 04:17

Tgt Ion: 43 Resp: 122897

Ion Ratio Lower Upper

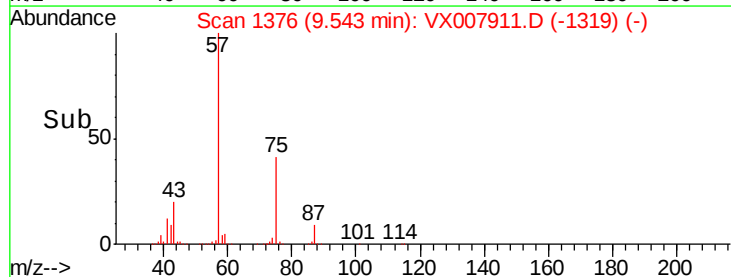
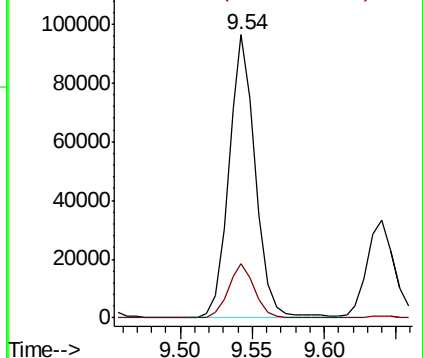
43 100

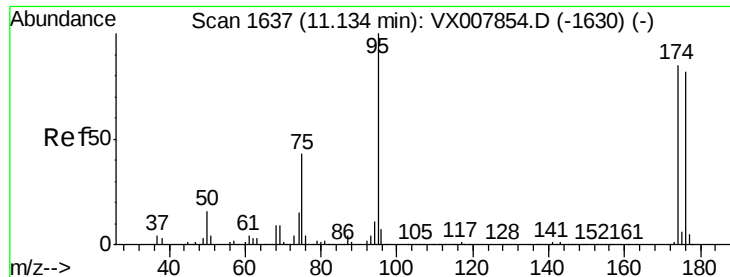
58 19.3 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.475 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

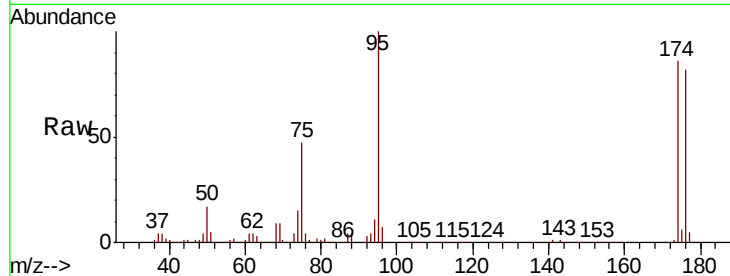
Tgt Ion: 95 Resp: 199767

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

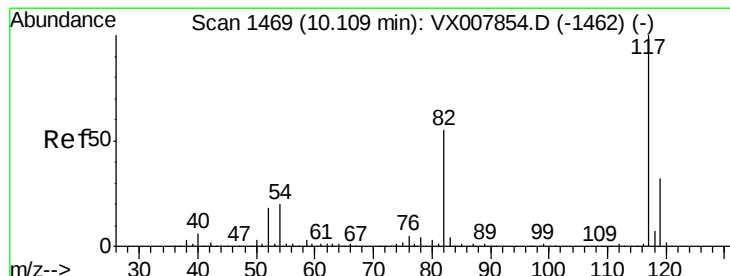
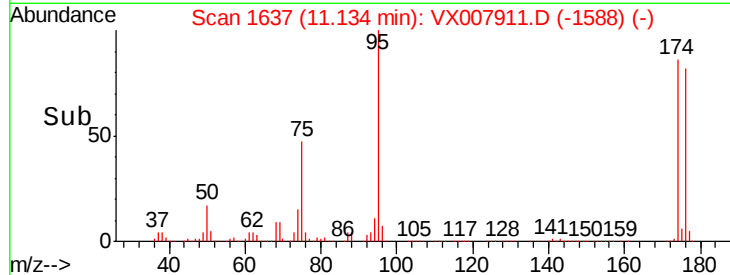
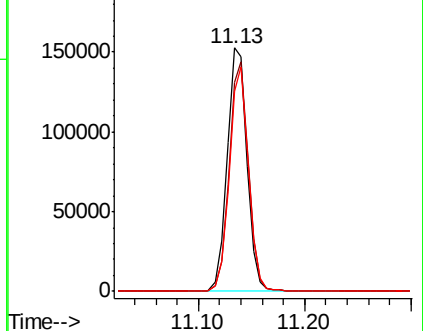
176 88.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007911.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007911.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007911.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

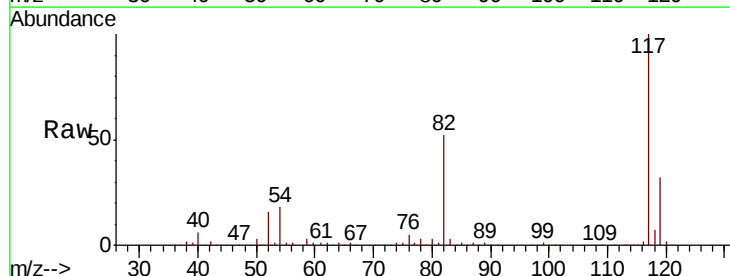
Tgt Ion: 117 Resp: 419338

Ion Ratio Lower Upper

117 100

82 52.2 44.3 66.5

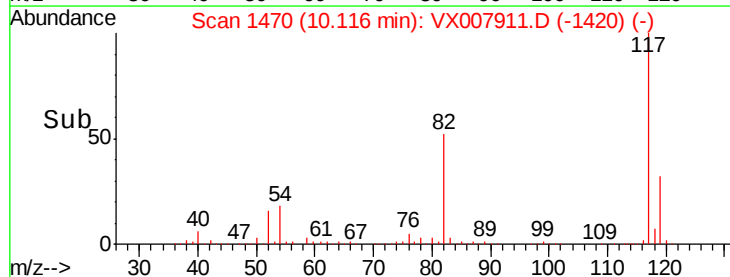
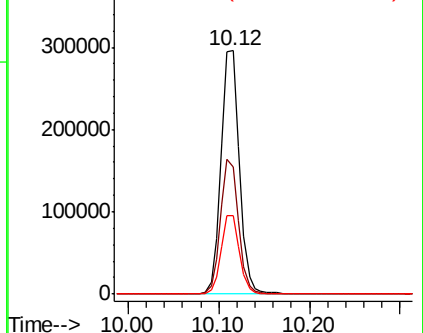
119 32.5 25.3 37.9

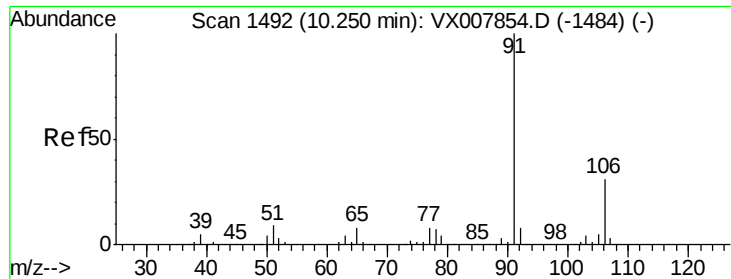


Abundance Ion 116.90 (116.60 to 117.60): VX007911.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007911.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007911.D (-1420) (-)





#67

Ethyl Benzene

Concen: 2.760 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

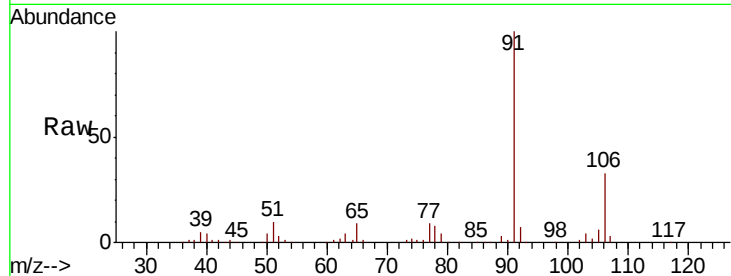
Z2-8

Tgt Ion: 91 Resp: 39863

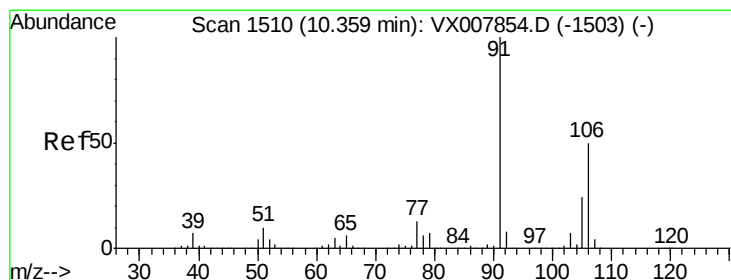
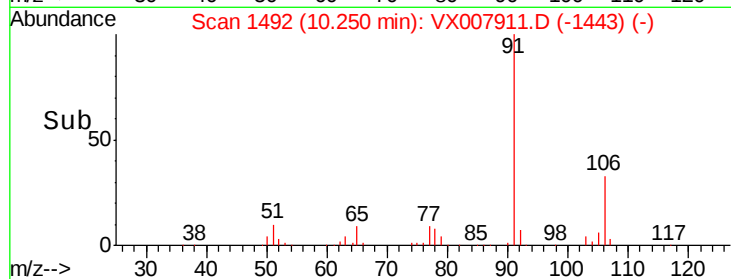
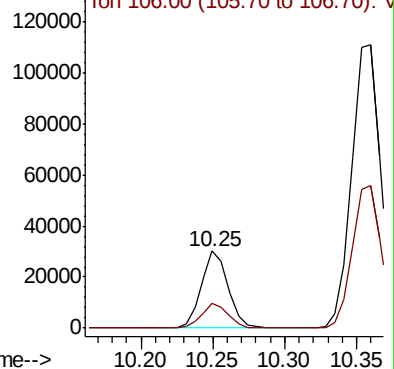
Ion Ratio Lower Upper

91 100

106 33.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1484) (-)



#68

m/p-Xylenes

Concen: 14.111 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007911.D

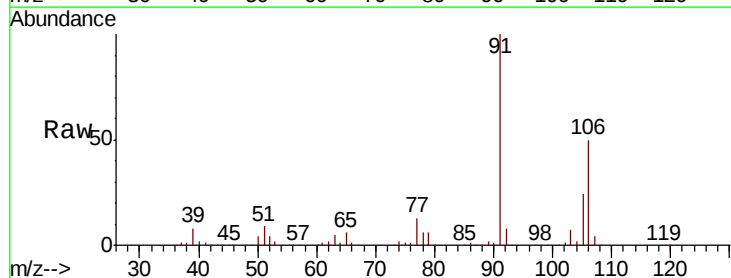
Acq: 08 Mar 2019 04:17

Tgt Ion: 106 Resp: 78565

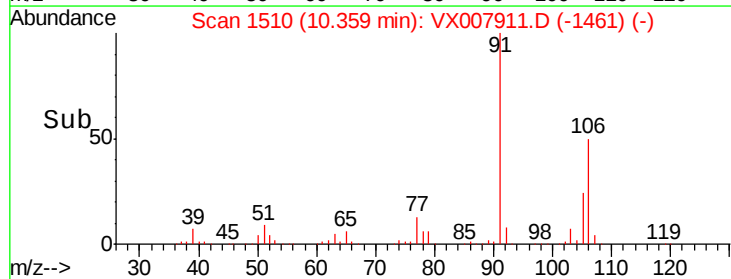
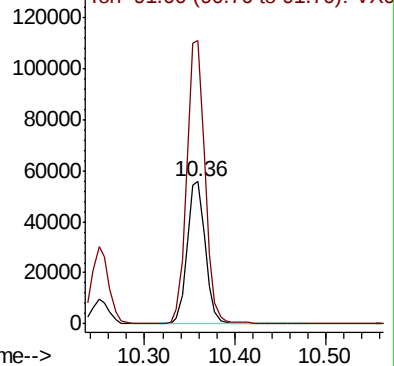
Ion Ratio Lower Upper

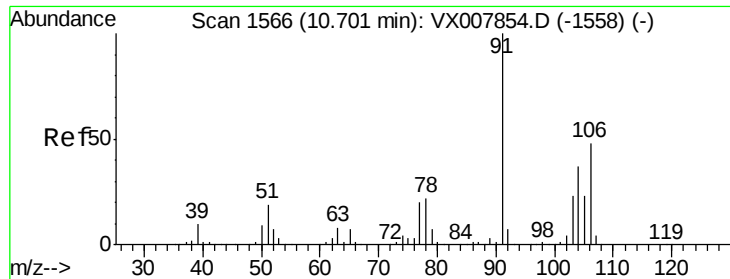
106 100

91 199.4 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VX007854.D (-1503) (-)

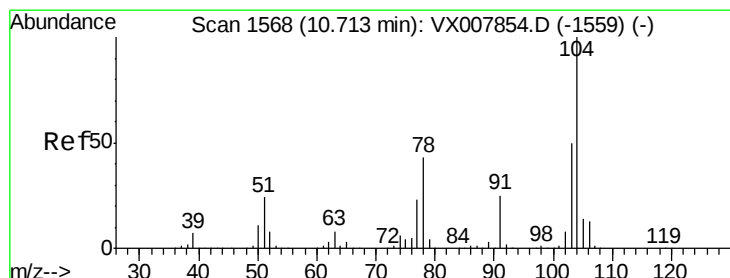
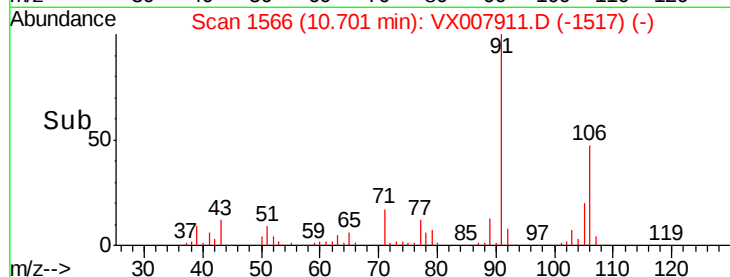
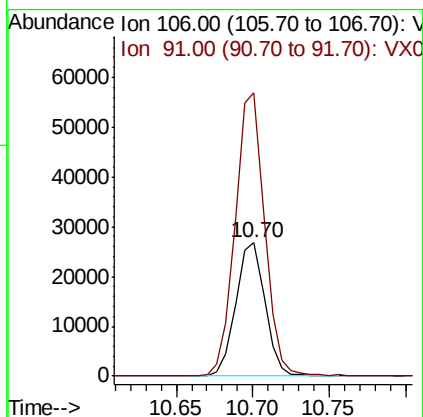
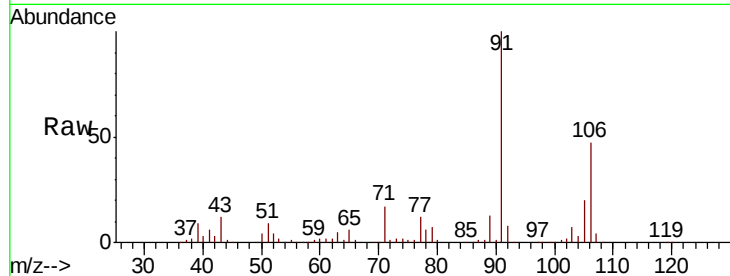




#69
o-Xylene
Concen: 6.587 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

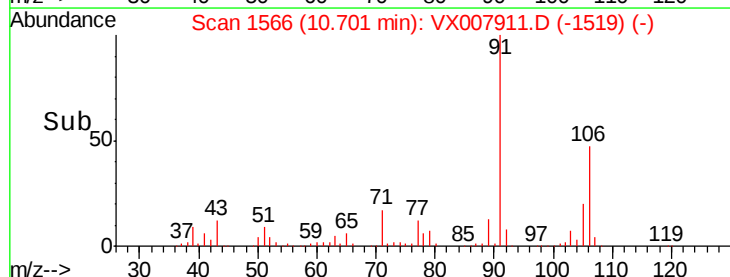
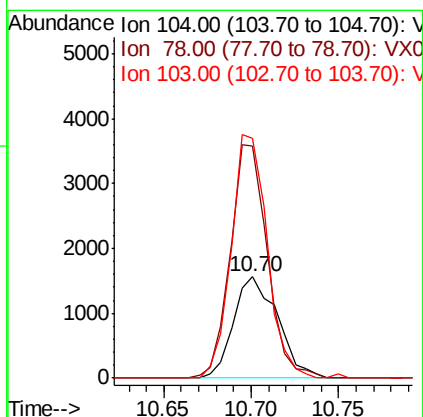
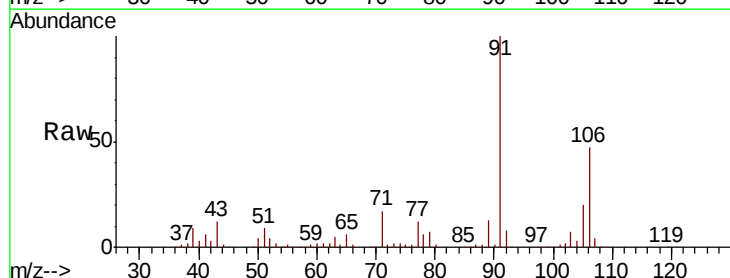
Instrument :
MSVOA_X
ClientSampled :
Z2-8

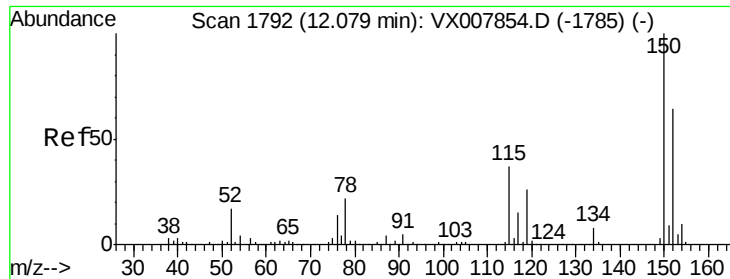
Tgt Ion:106 Resp: 35404
Ion Ratio Lower Upper
106 100
91 214.6 106.3 318.9



#70
Styrene
Concen: 0.313 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion:104 Resp: 2751
Ion Ratio Lower Upper
104 100
78 192.8 38.5 57.7#
103 195.0 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

Z2-8

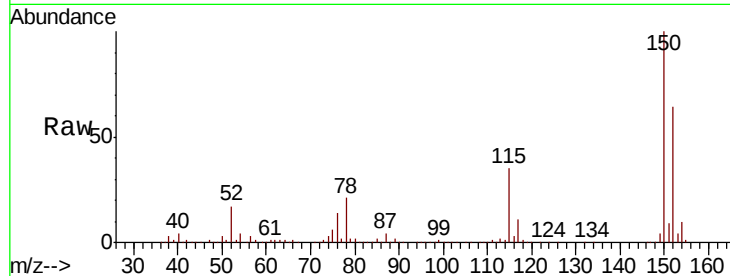
Tgt Ion:152 Resp: 206636

Ion Ratio Lower Upper

152 100

115 54.4 38.6 115.7

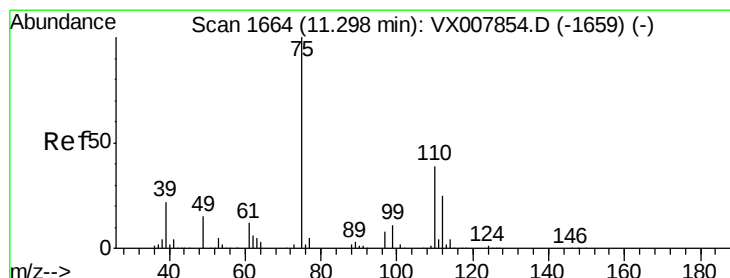
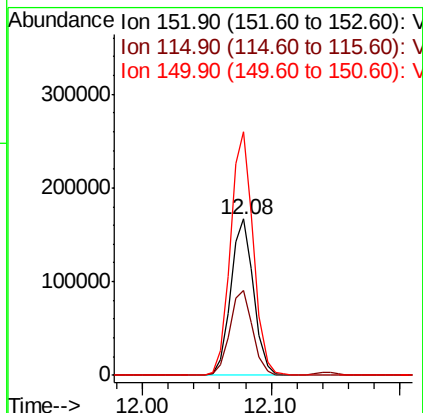
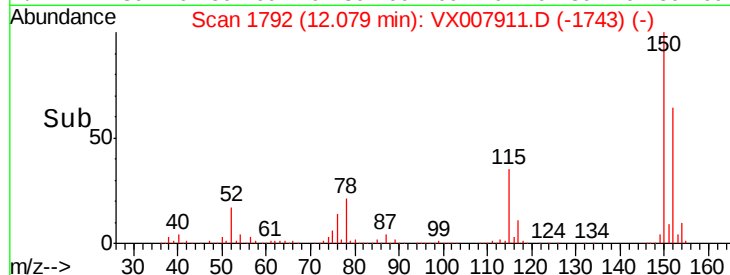
150 155.8 0.0 348.4



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



#76

1,2,3-Trichloropropane

Concen: 21.064 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007911.D

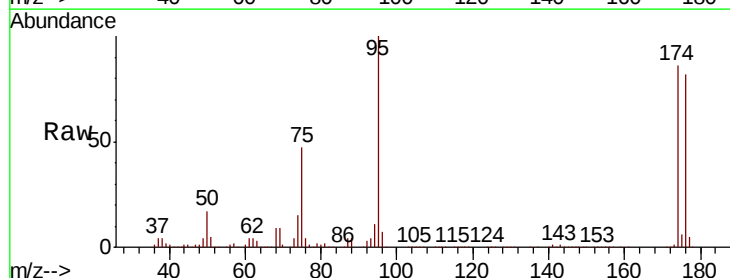
Acq: 08 Mar 2019 04:17

Tgt Ion: 75 Resp: 91337

Ion Ratio Lower Upper

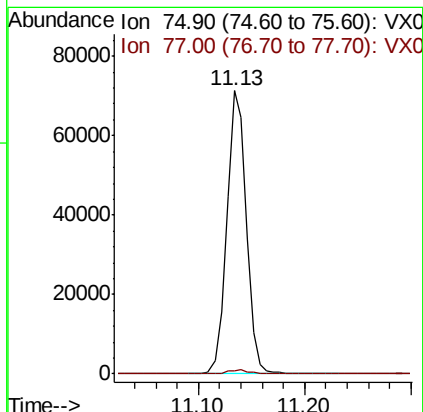
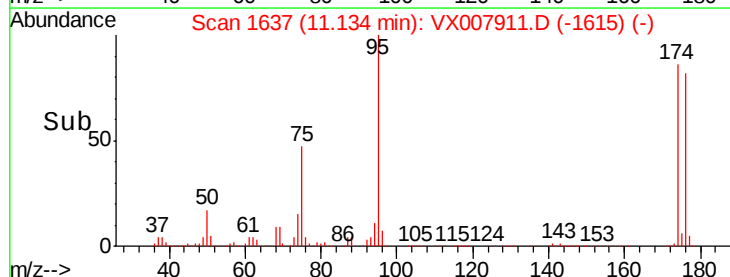
75 100

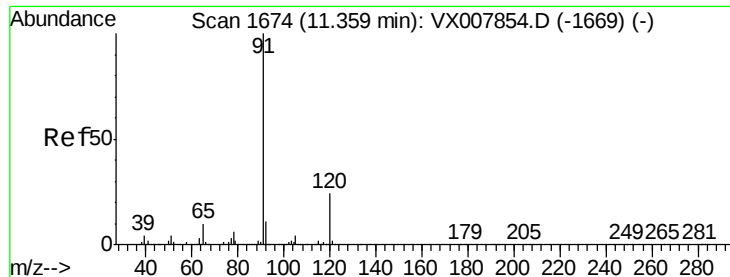
77 1.4 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.937 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007911.D

Acq: 08 Mar 2019 04:17

Instrument :

MSVOA_X

ClientSampleId :

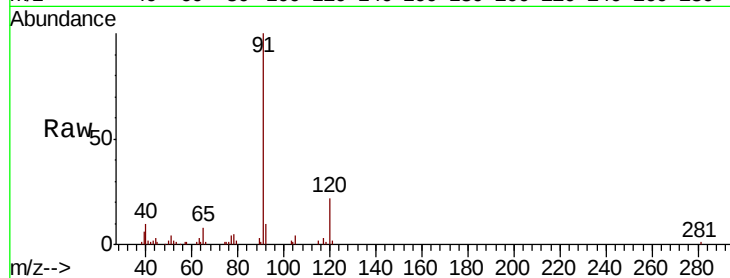
Z2-8

Tgt Ion: 91 Resp: 14534

Ion Ratio Lower Upper

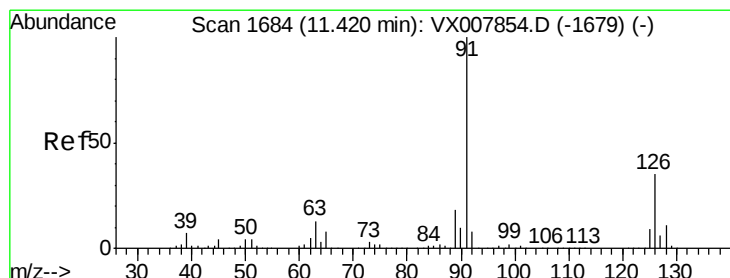
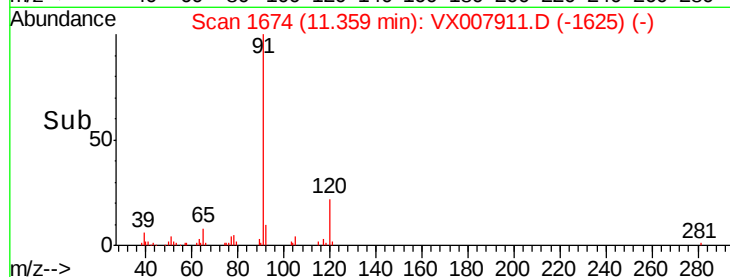
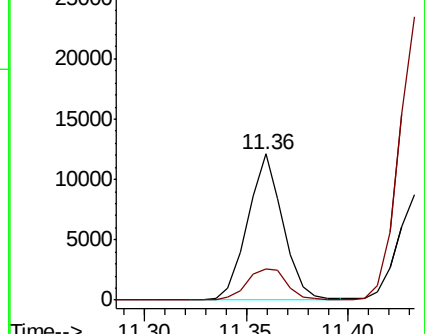
91 100

120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.603 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007911.D

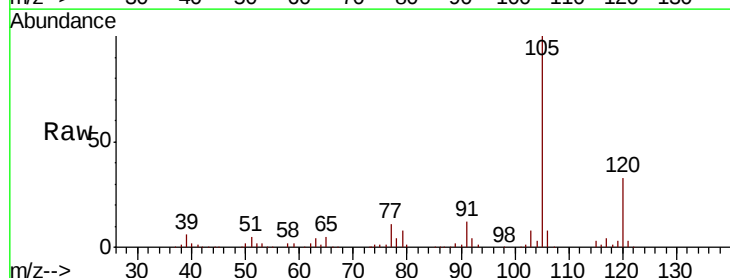
Acq: 08 Mar 2019 04:17

Tgt Ion: 91 Resp: 15193

Ion Ratio Lower Upper

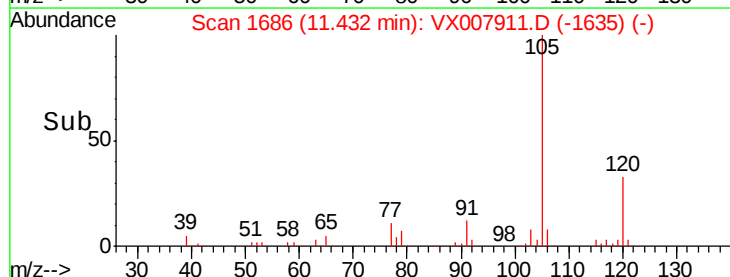
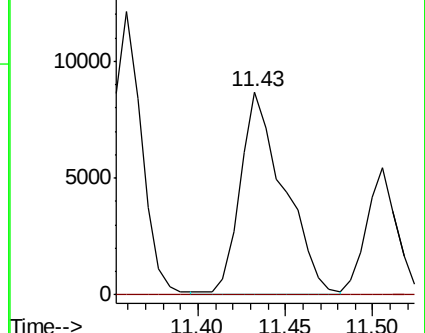
91 100

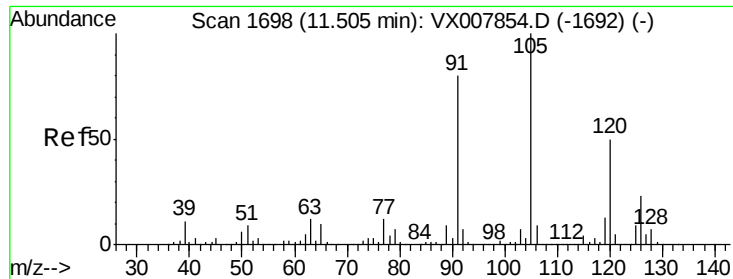
126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

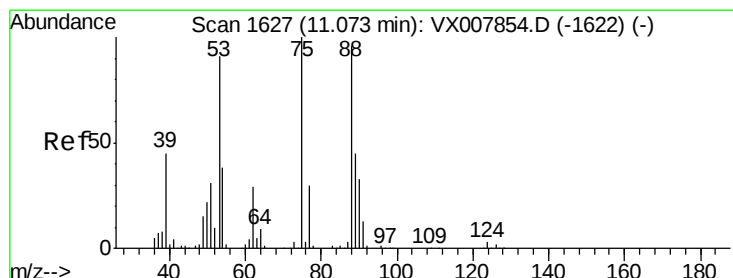
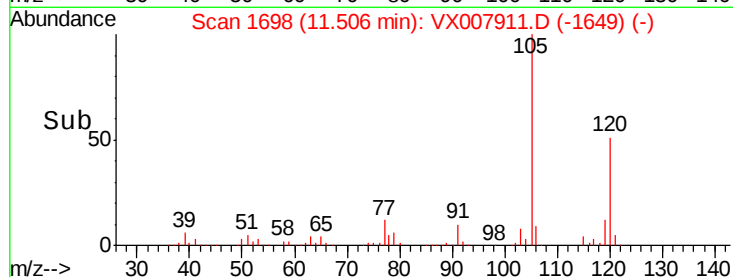
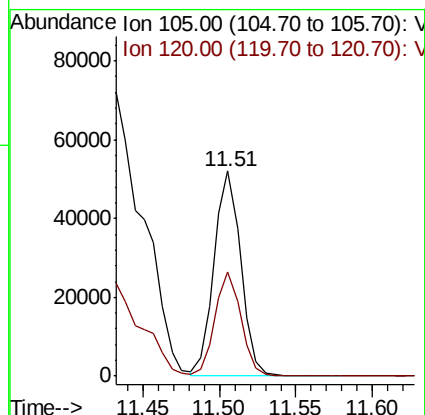
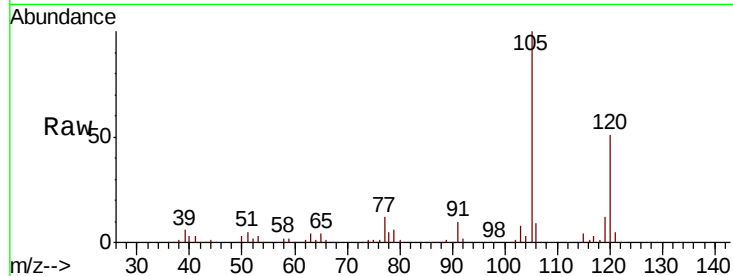




#80
 1,3,5-Trimethylbenzene
 Concen: 5.488 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

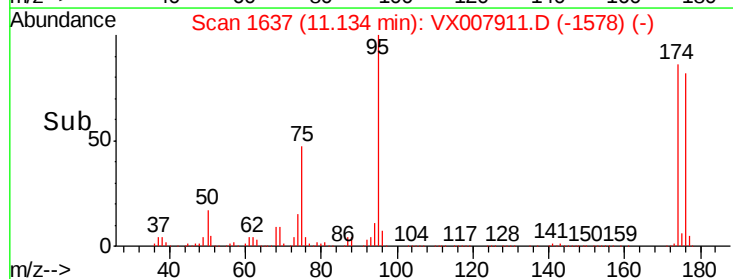
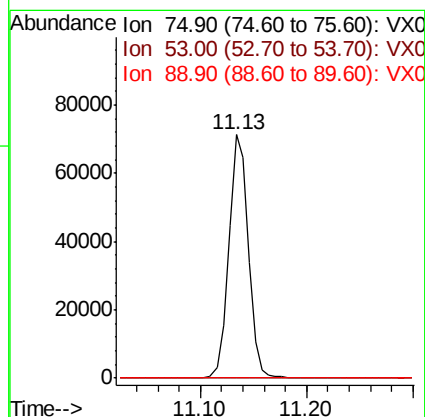
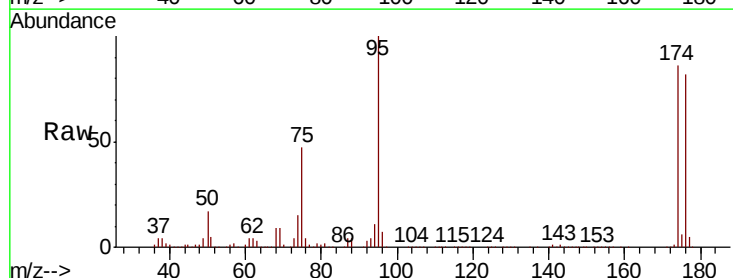
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-8

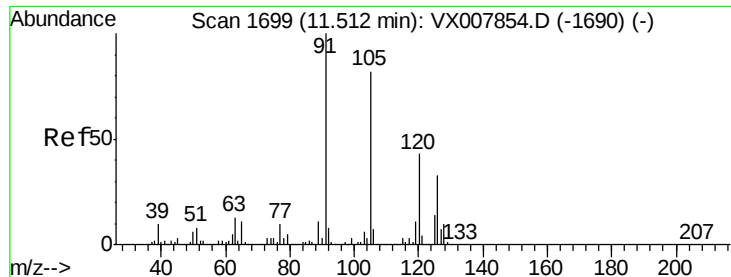
Tgt Ion:105 Resp: 63120
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.332 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

Tgt Ion: 75 Resp: 91337
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

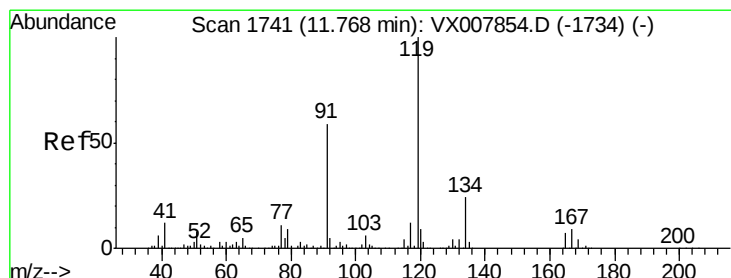
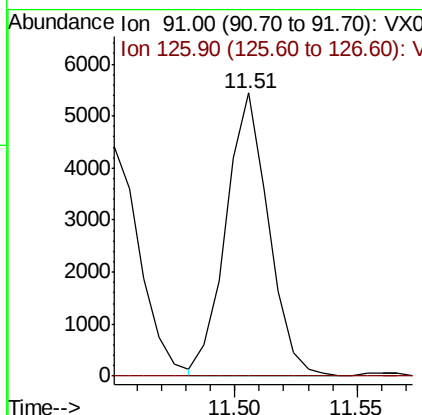
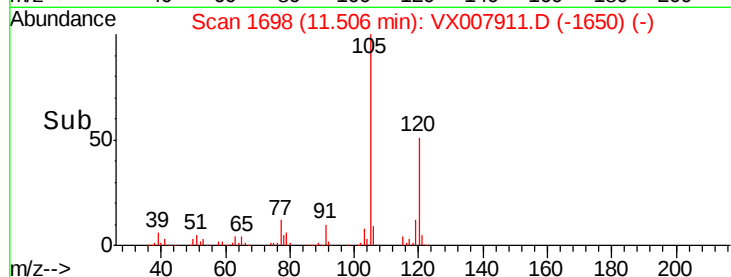
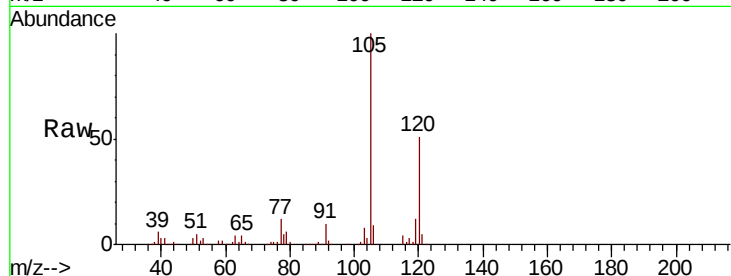




#82
4-Chlorotoluene
Concen: 0.606 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

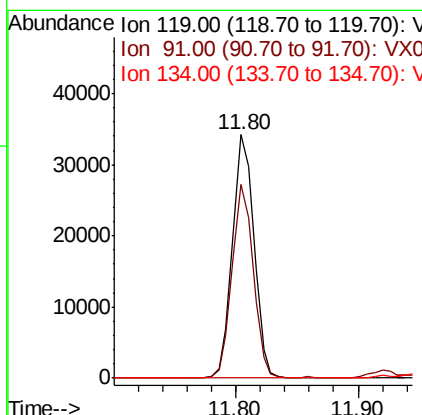
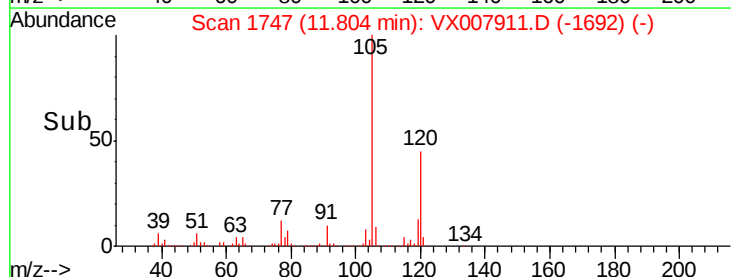
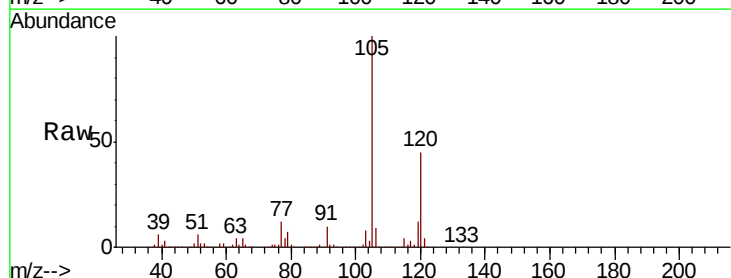
Instrument :
MSVOA_X
ClientSampled :
Z2-8

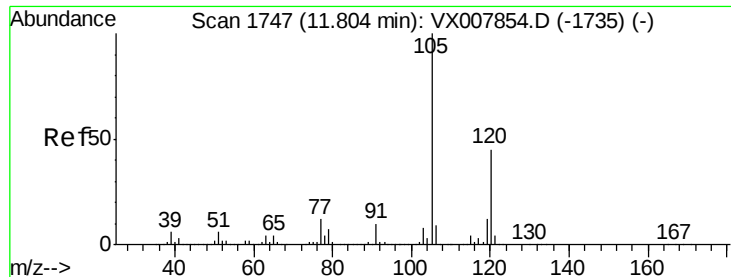
Tgt Ion: 91 Resp: 6579
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 3.595 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion: 119 Resp: 41655
Ion Ratio Lower Upper
119 100
91 78.3 27.1 81.3
134 0.1 11.4 34.1#

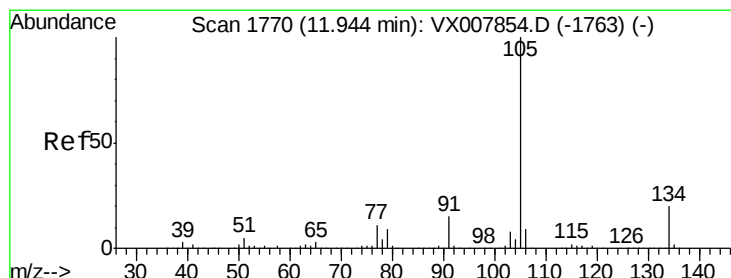
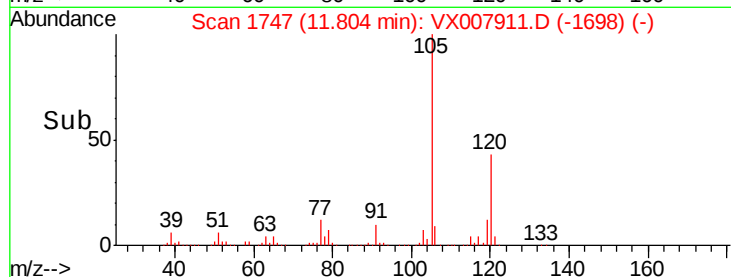
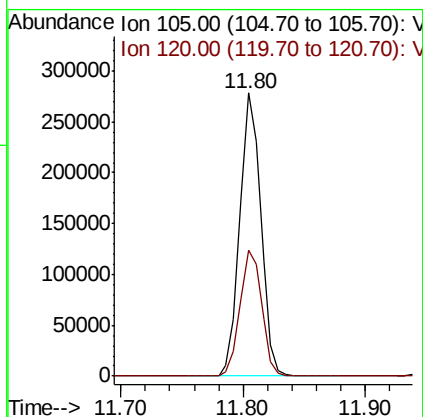
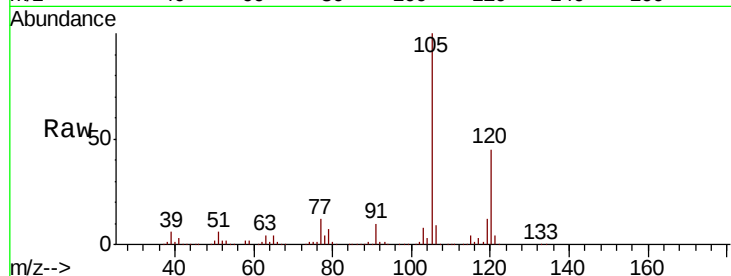




#84
 1,2,4-Trimethylbenzene
 Concen: 28.060 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

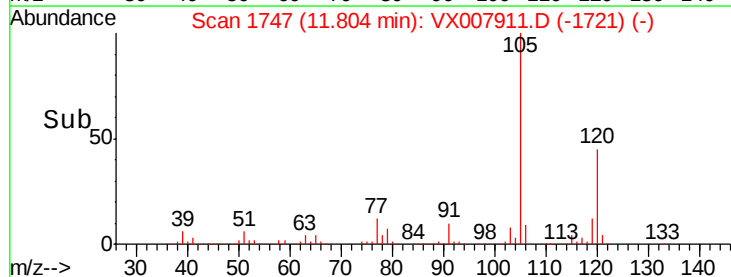
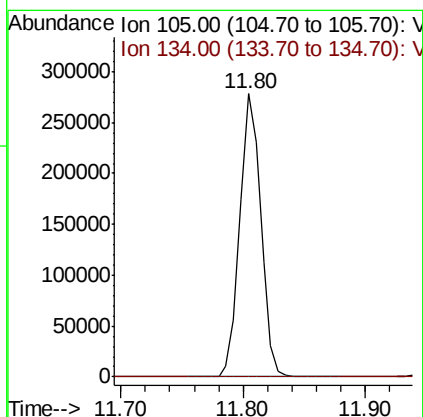
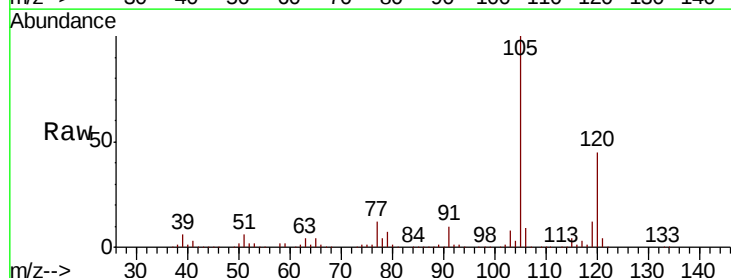
Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-8

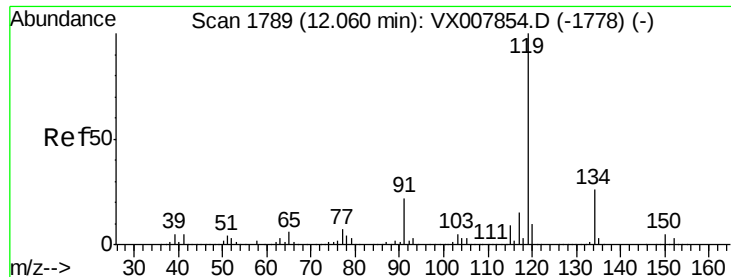
Tgt Ion:105 Resp: 330863
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 24.247 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX007911.D
 Acq: 08 Mar 2019 04:17

Tgt Ion:105 Resp: 330863
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#

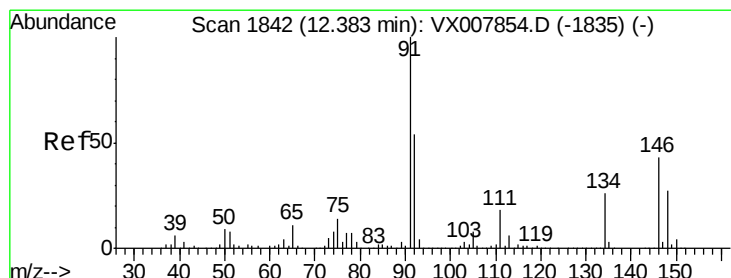
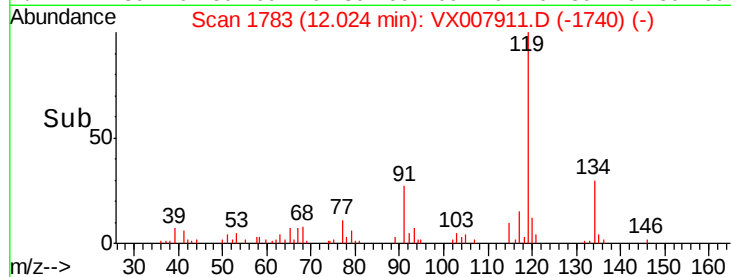
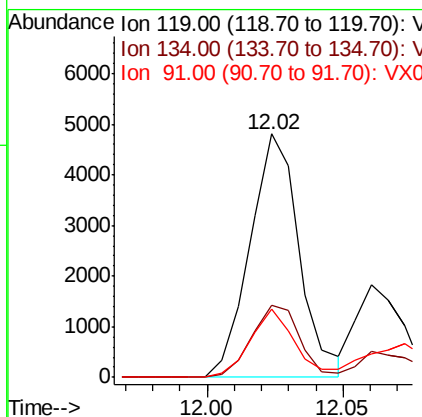
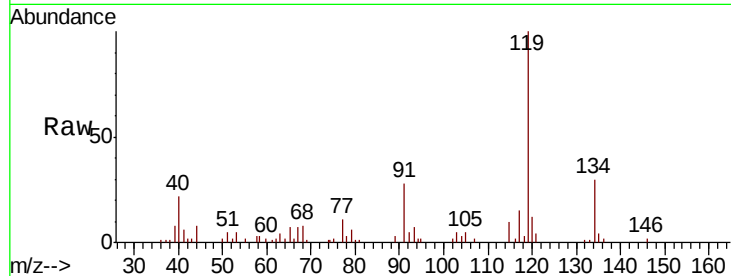




#86
p-Isopropyltoluene
Concen: 0.493 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

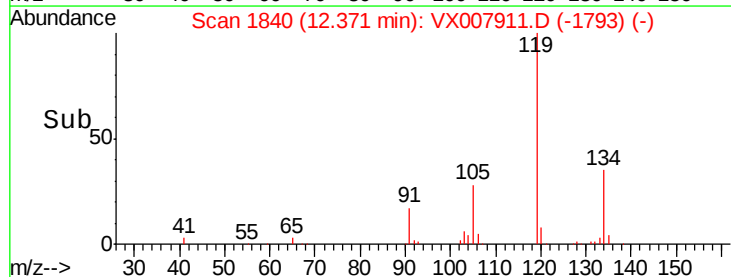
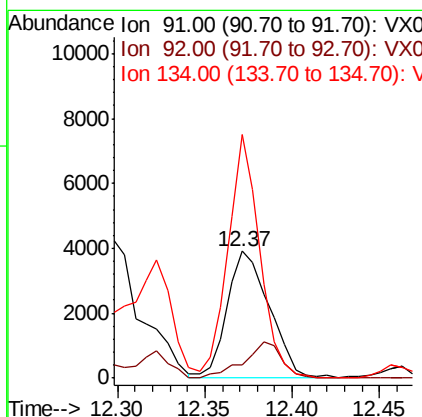
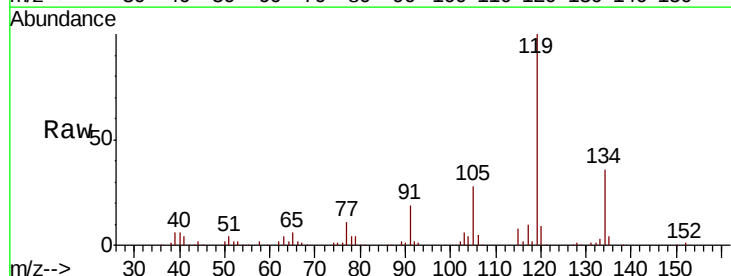
Instrument :
MSVOA_X
ClientSampleId :
Z2-8

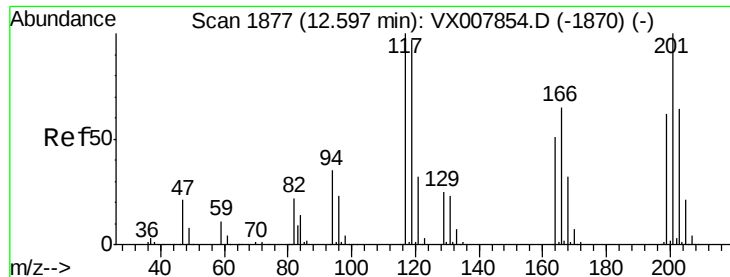
Tgt Ion: 119 Resp: 6029
Ion Ratio Lower Upper
119 100
134 29.1 13.3 39.9
91 25.9 10.9 32.7



#89
n-Butylbenzene
Concen: 0.641 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion: 91 Resp: 6632
Ion Ratio Lower Upper
91 100
92 25.6 27.0 80.8#
134 142.2 13.7 41.0#

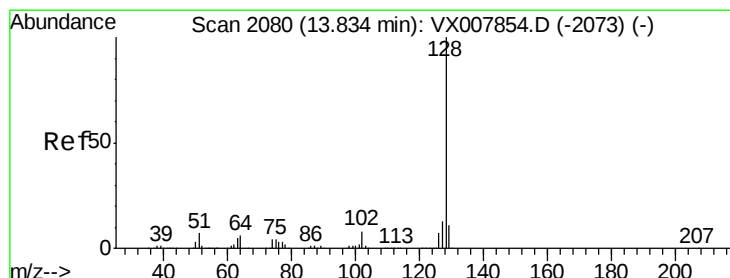
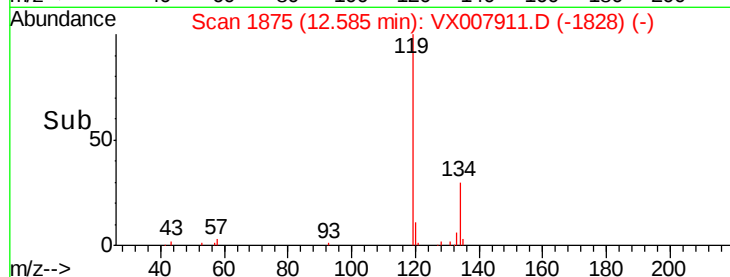
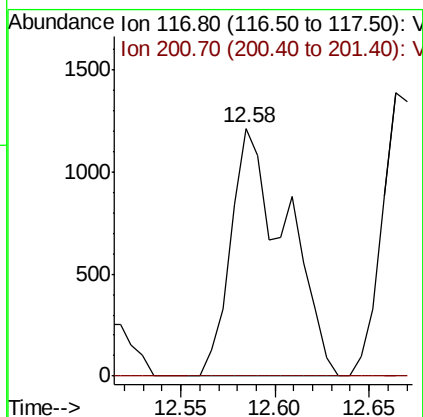
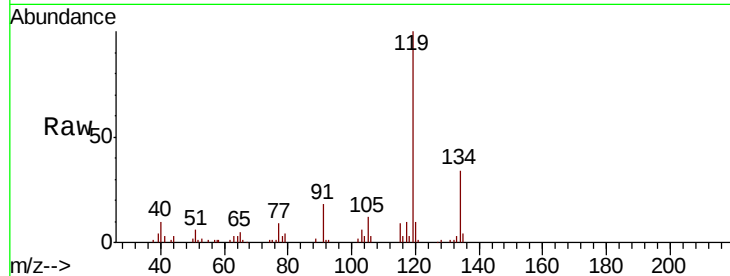




#90
Hexachloroethane
Concen: 1.216 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Instrument :
MSVOA_X
ClientSampleId :
Z2-8

Tgt Ion:117 Resp: 2484
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.7#



#95
Naphthalene
Concen: 2.894 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007911.D
Acq: 08 Mar 2019 04:17

Tgt Ion:128 Resp: 39440
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.7 13.1

