

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004757.D
 Acq On : 27 Sep 2018 06:52
 Operator : JC/MD
 Sample : J5020-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-091918

Quant Time: Sep 27 07:24:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	427577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193864	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	164294	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
50) Toluene-d8	8.71	98	600813	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	231394	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1113	0.259	ug/l #	74
5) Bromomethane	1.64	94	623	0.261	ug/l #	70
6) Chloroethane	1.87	64	891	Below Cal	#	62
11) Tert butyl alcohol	3.07	59	22580	21.799	ug/l	97
16) Acetone	2.45	43	22714	10.502	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	141844	14.635	ug/l	95
20) Methylene Chloride	2.86	84	1000	Below Cal	#	81
25) 2-Butanone	4.71	43	1833	0.575	ug/l #	80
31) Cyclohexane	5.57	56	20048	4.253	ug/l	95
36) 1,1-Dichloropropene	5.66	75	18113	3.664	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22954	4.417	ug/l #	14
39) Methylcyclohexane	7.46	83	15797	3.129	ug/l	93
40) Benzene	6.15	78	6048	0.391	ug/l	96
48) Methyl methacrylate	7.74	41	1484	0.345	ug/l #	66
52) Toluene	8.78	92	4011	0.472	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	1388	0.373	ug/l #	17
56) Ethyl methacrylate	9.16	69	247	2.901	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.27	63	149	14.286	ug/l #	45
67) Ethyl Benzene	10.25	91	10627	0.652	ug/l	99
68) m/p-Xylenes	10.36	106	3719	0.584	ug/l	99
69) o-Xylene	10.70	106	2228	0.381	ug/l	96
70) Styrene	10.71	104	254	2.163	ug/l #	1
73) Isopropylbenzene	11.02	105	403074	27.072	ug/l	100
74) N-amyl acetate	10.90	43	437	1.799	ug/l #	1
76) 1,2,3-Trichloropropane	11.36	75	9200	1.738	ug/l #	1
78) n-propylbenzene	11.36	91	1496883	87.624	ug/l	98
79) 2-Chlorotoluene	11.36	91	1496883	140.576	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.67	105	55359	3.874	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.02	75	4735	4.330	ug/l #	63
82) 4-Chlorotoluene	11.36	91	1496883	119.431	ug/l #	44
83) tert-Butylbenzene	11.77	119	7069	0.577	ug/l	74
85) sec-Butylbenzene	11.94	105	86844	5.816	ug/l #	75
86) p-Isopropyltoluene	12.23	119	32708	2.418	ug/l #	79
89) n-Butylbenzene	12.39	91	120015	9.769	ug/l #	75

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

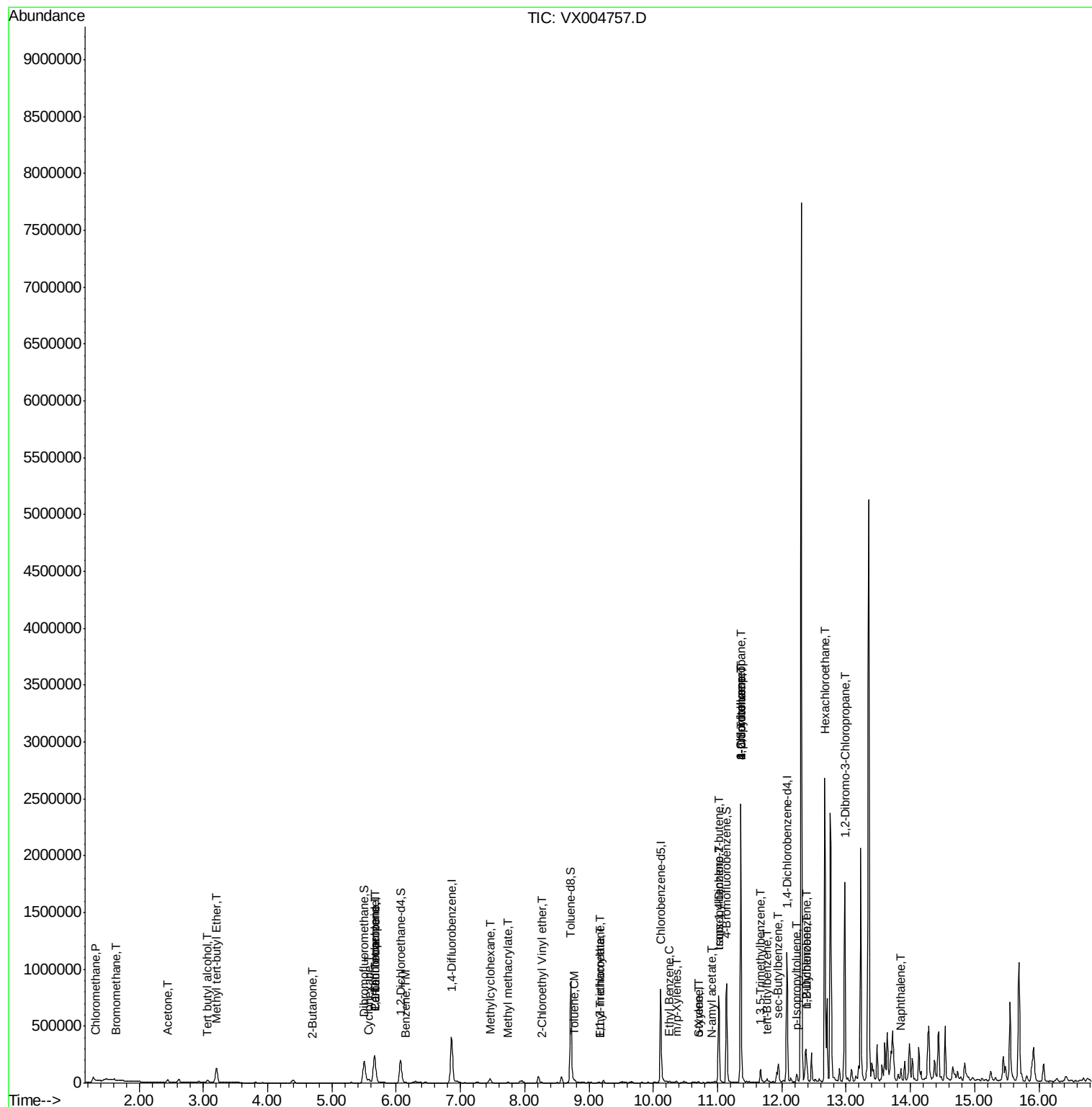
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.67	117	106301	47.196	ug/l #	3
91) 1,2-Dichlorobenzene	12.39	146	2429	0.288	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.97	75	5517	4.146	ug/l #	6
95) Naphthalene	13.83	128	3503	0.895	ug/l #	8

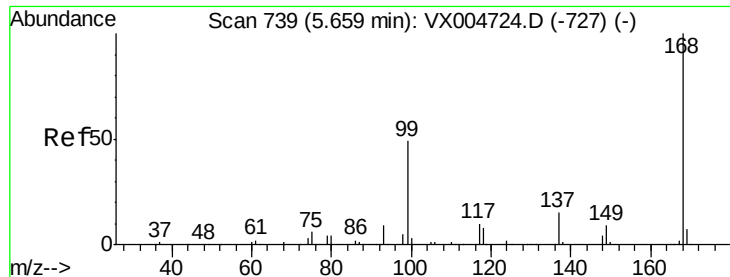
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

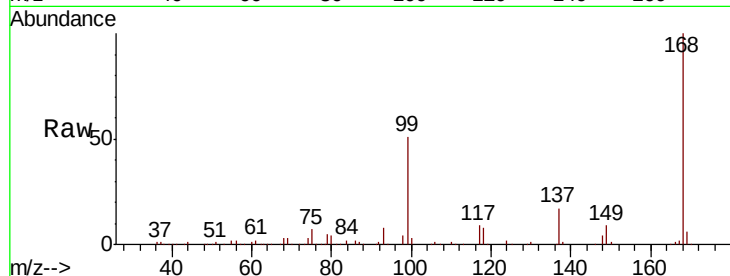
T11-MW-5-9.0-091918

Tot Ion:168 Resp: 259328

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

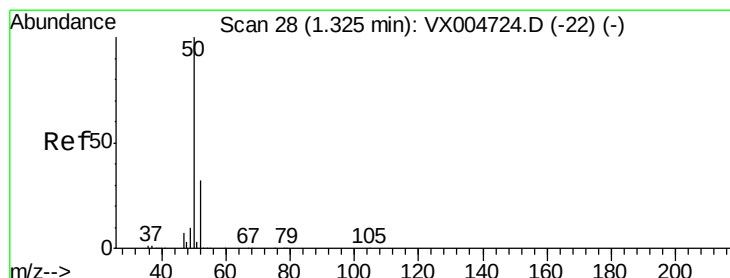
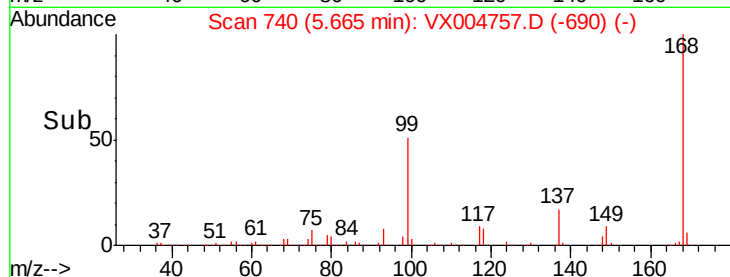
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004757.D

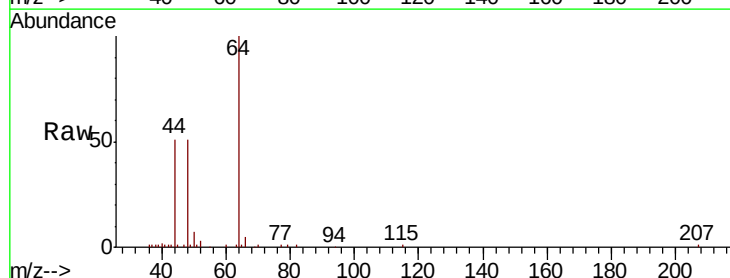
Acq: 27 Sep 2018 06:52

Tgt Ion: 50 Resp: 1113

Ion Ratio Lower Upper

50 100

52 47.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

600

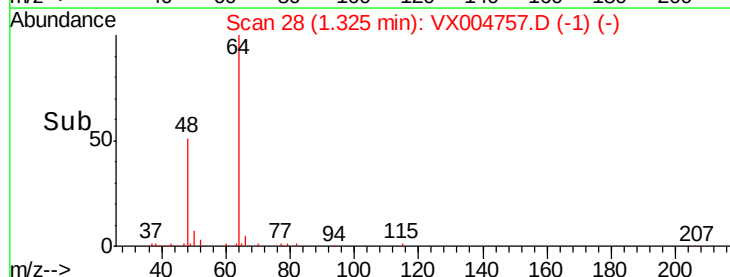
400

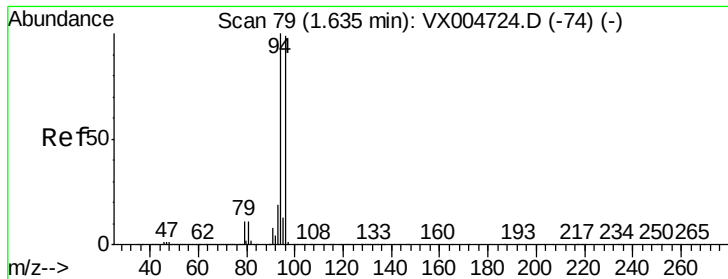
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.261 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

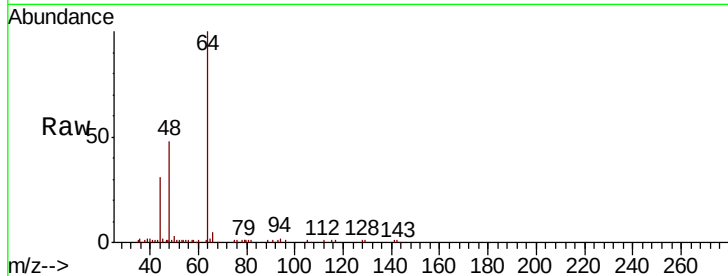
T11-MW-5-9.0-091918

Tot Ion: 94 Resp: 623

Ion Ratio Lower Upper

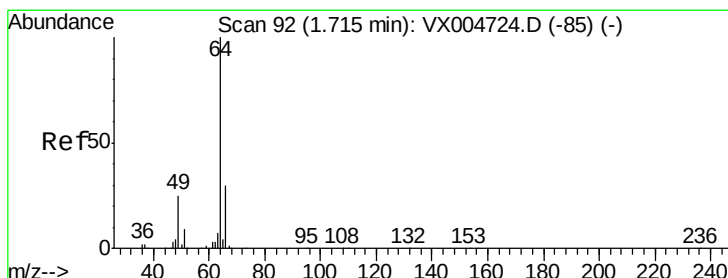
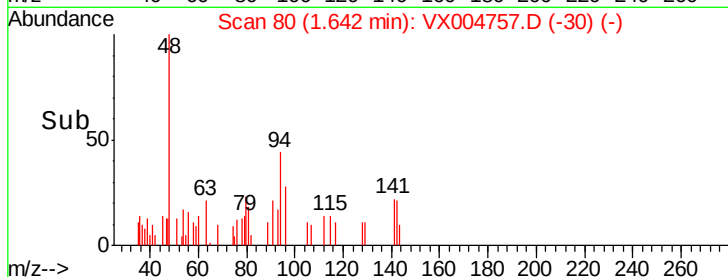
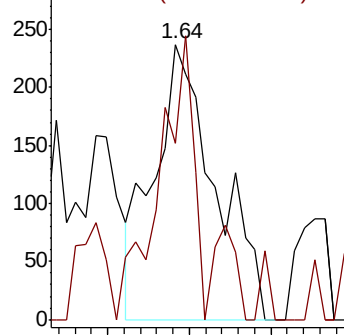
94 100

96 64.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.87 min Scan# 118

Delta R.T. 0.16 min

Lab File: VX004757.D

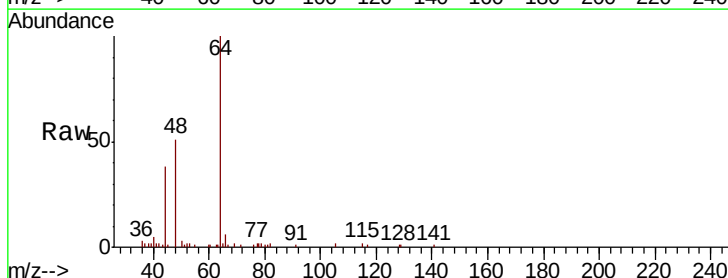
Acq: 27 Sep 2018 06:52

Tgt Ion: 64 Resp: 891

Ion Ratio Lower Upper

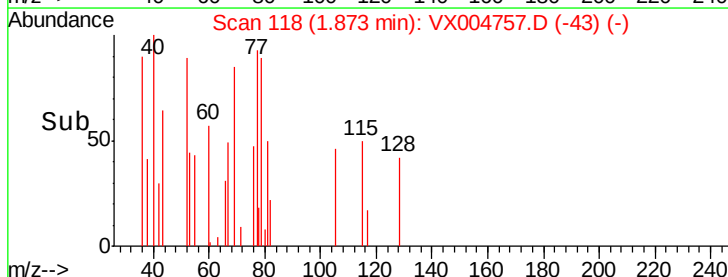
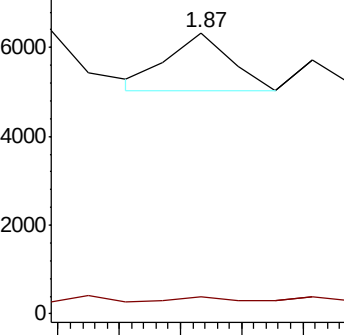
64 100

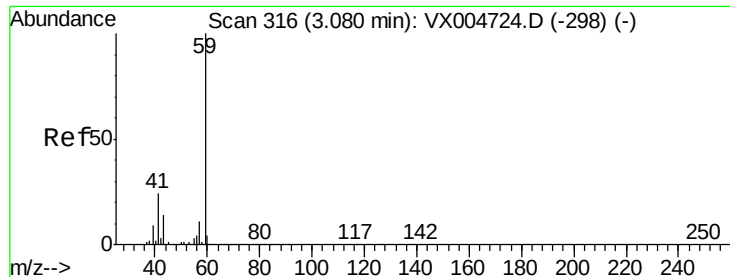
66 9.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#11

Tert butyl alcohol

Concen: 21.799 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

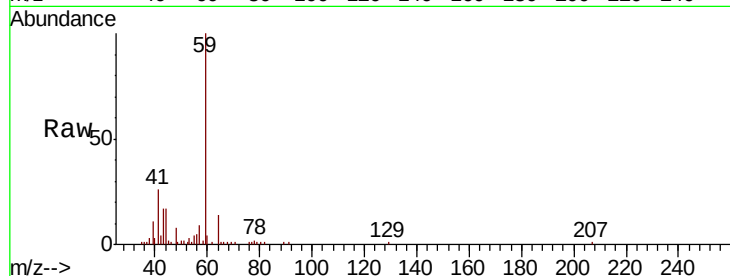
T11-MW-5-9.0-091918

Tot Ion: 59 Resp: 22580

Ion Ratio Lower Upper

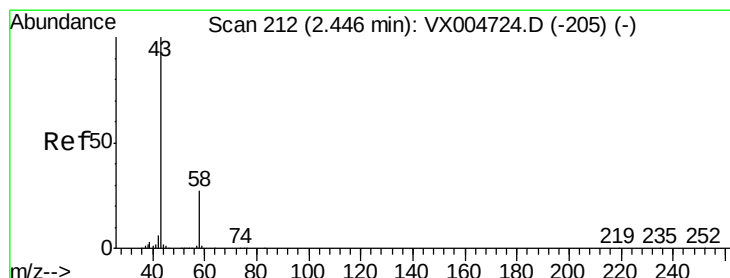
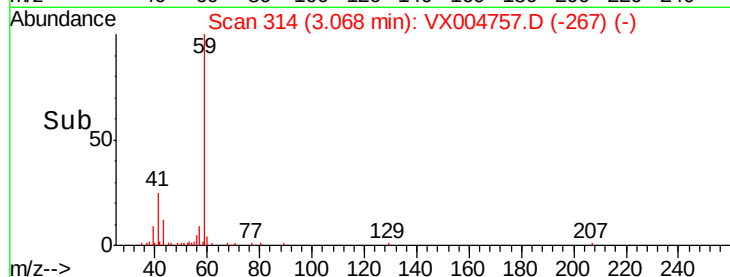
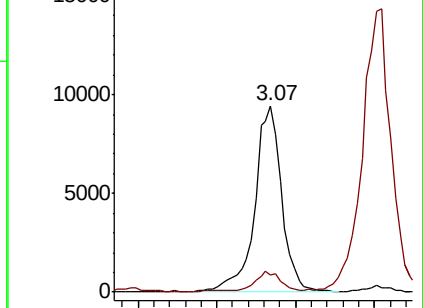
59 100

57 9.1 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#16

Acetone

Concen: 10.502 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004757.D

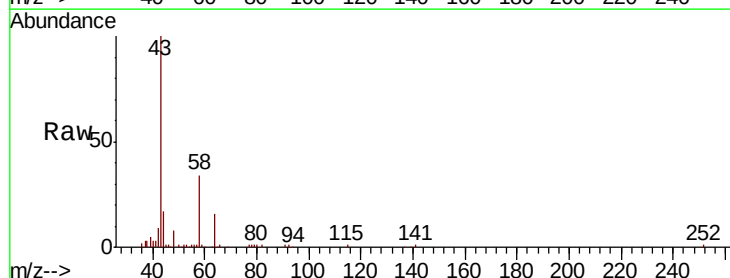
Acq: 27 Sep 2018 06:52

Tgt Ion: 43 Resp: 22714

Ion Ratio Lower Upper

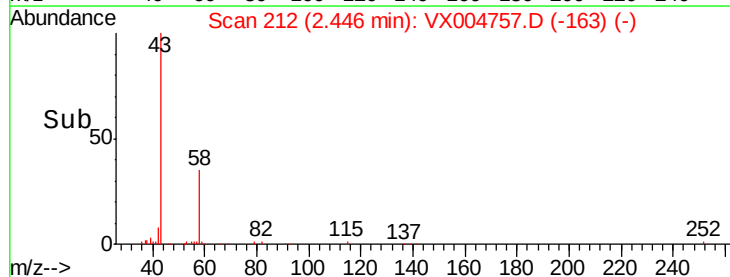
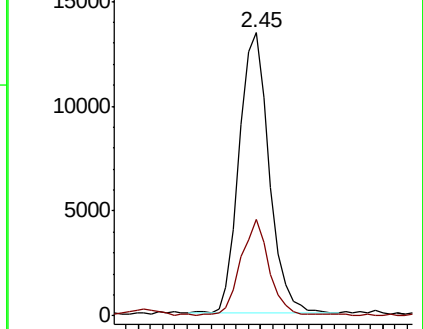
43 100

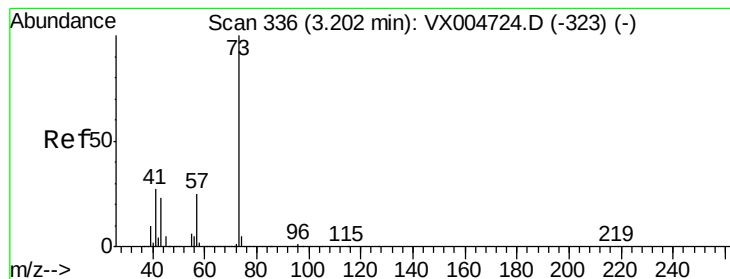
58 34.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



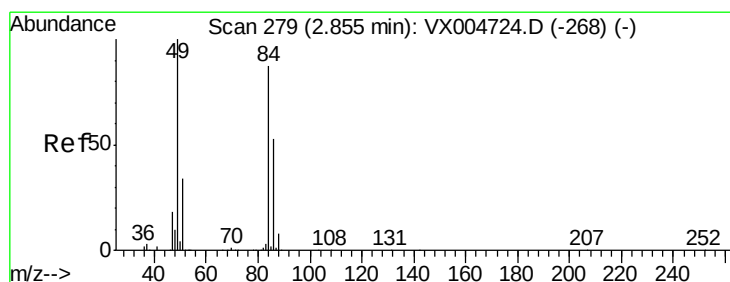
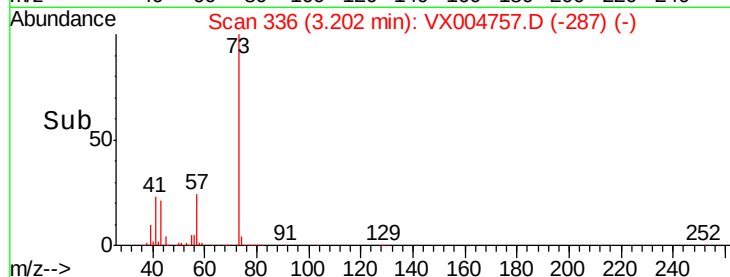
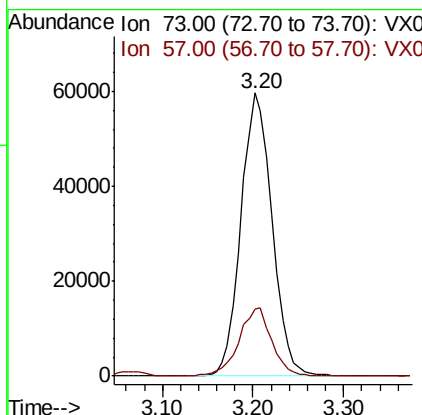
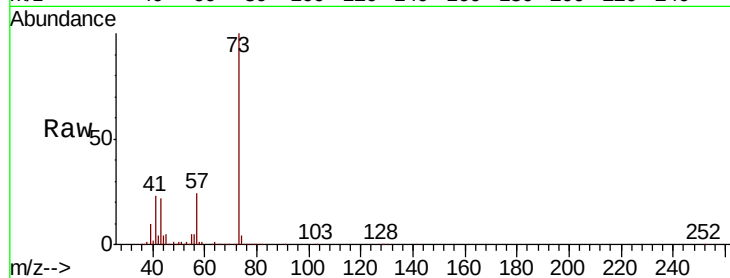


#19

Methyl tert-butyl Ether
 Concen: 14.635 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-091918

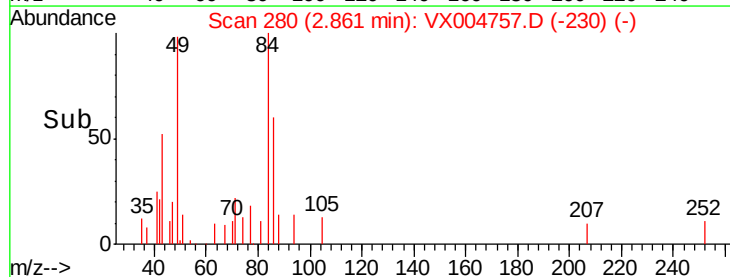
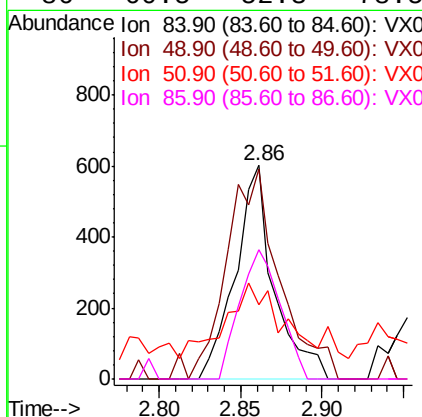
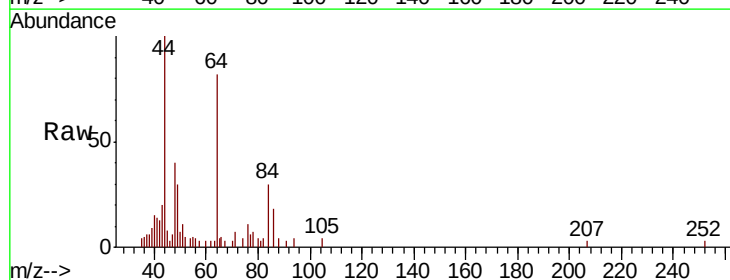
Tot Ion: 73 Resp: 141844
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.1 25.7

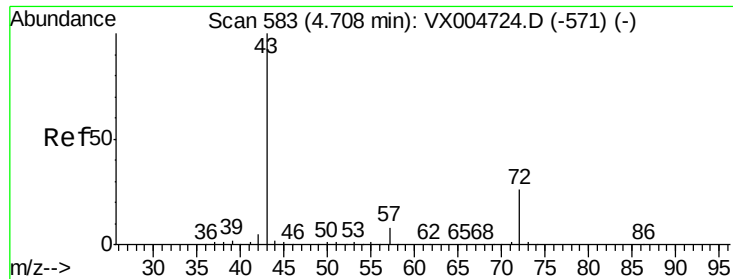


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Tgt Ion: 84 Resp: 1000
 Ion Ratio Lower Upper
 84 100
 49 98.3 101.2 151.8#
 51 22.4 29.5 44.3#
 86 60.5 52.3 78.5





#25

2-Butanone

Concen: 0.575 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

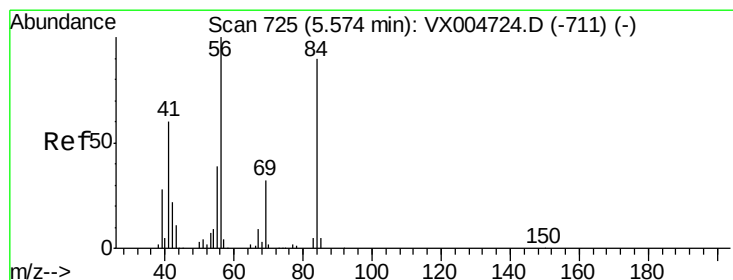
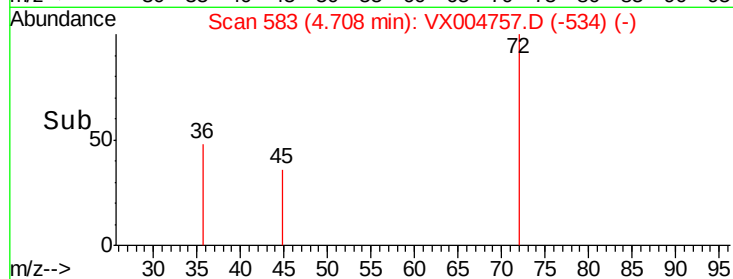
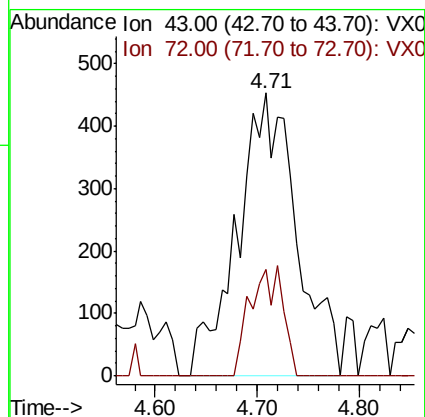
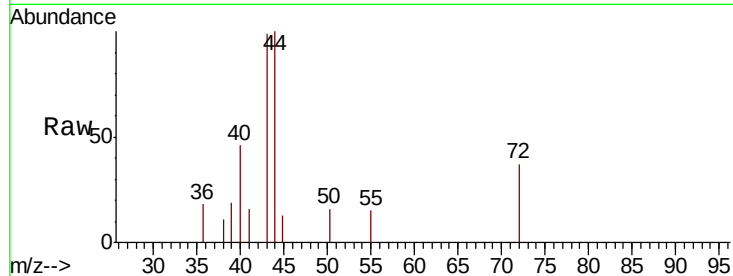
T11-MW-5-9.0-091918

Tot Ion: 43 Resp: 1833

Ion Ratio Lower Upper

43 100

72 37.7 22.0 33.0#



#31

Cyclohexane

Concen: 4.253 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

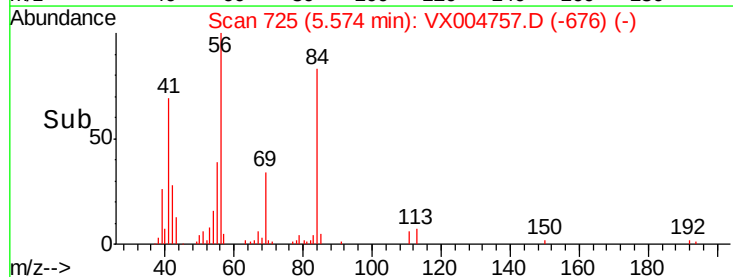
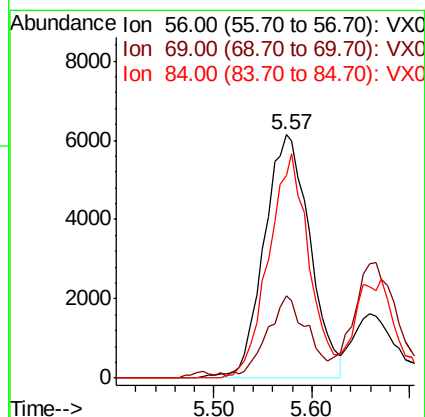
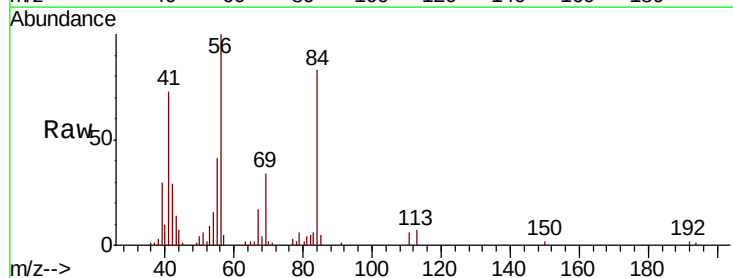
Tgt Ion: 56 Resp: 20048

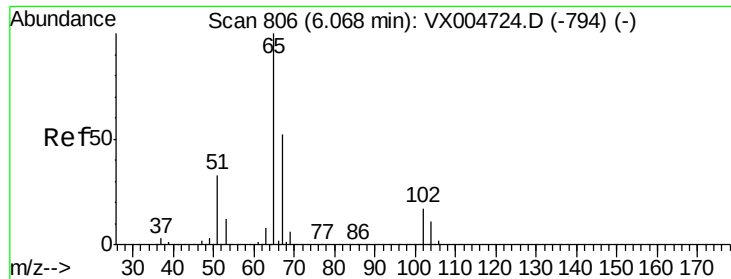
Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.2

84 83.4 71.4 107.2

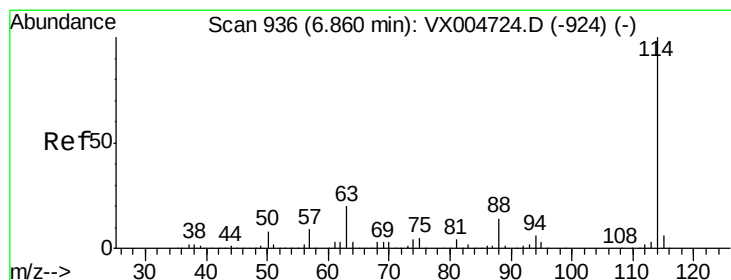
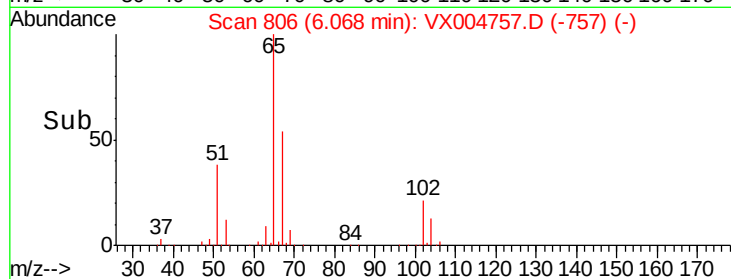
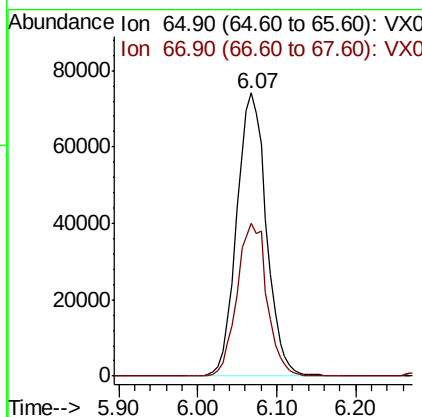
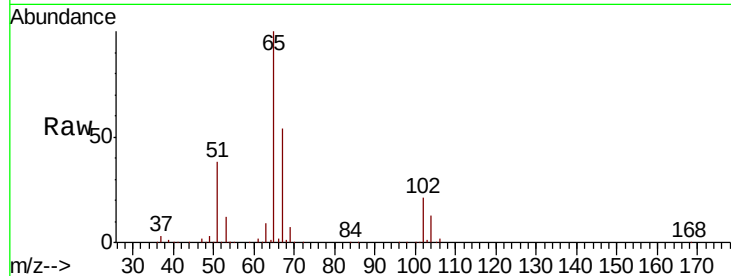




#33
 1,2-Dichloroethane-d4
 Concen: 52.332 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

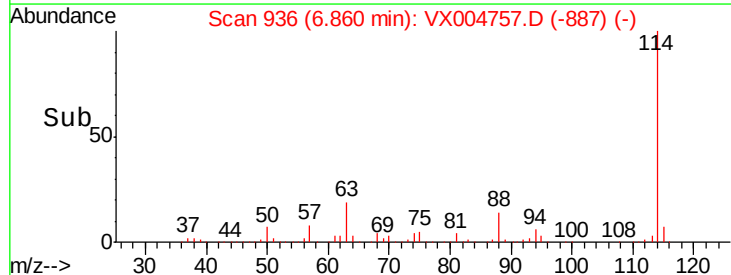
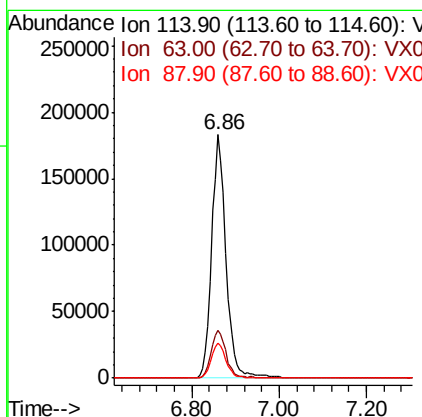
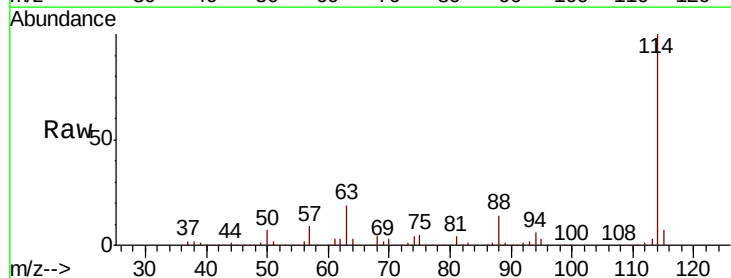
Instrument :
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 T11-MW-5-9.0-091918

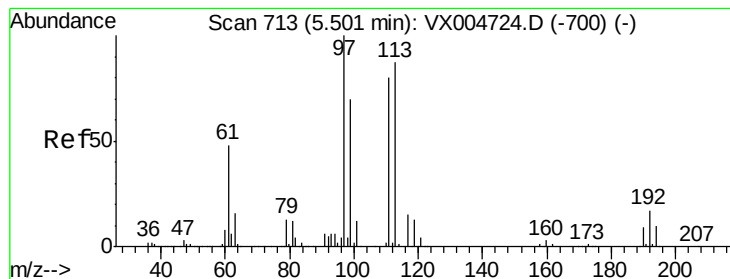
Tot Ion: 65 Resp: 193864
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Tgt Ion: 114 Resp: 427577
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 14.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.338 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-091918

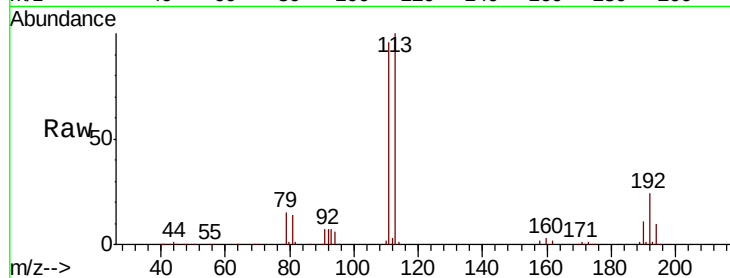
Tot Ion:113 Resp: 164294

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

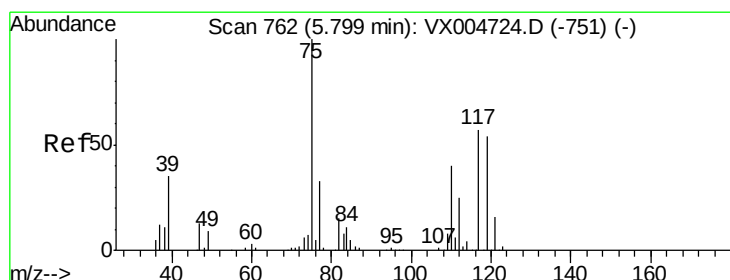
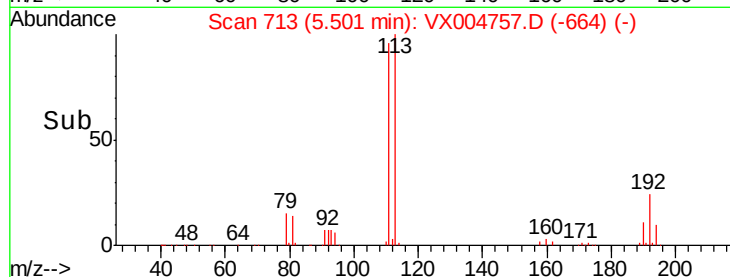
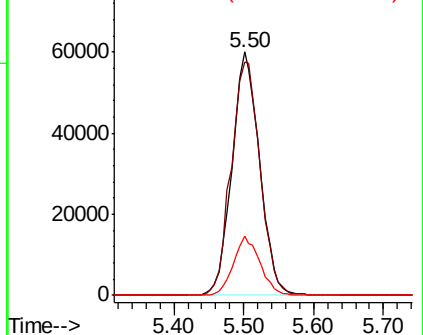
192 23.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.664 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

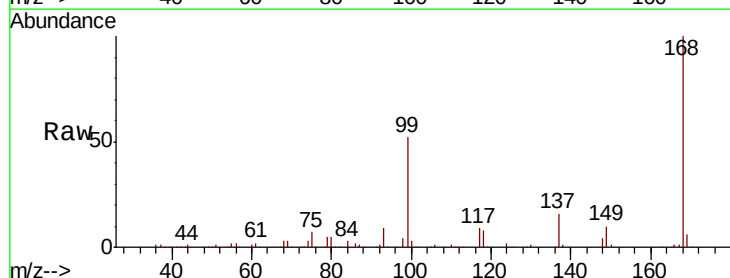
Tgt Ion: 75 Resp: 18113

Ion Ratio Lower Upper

75 100

110 9.2 18.0 54.0#

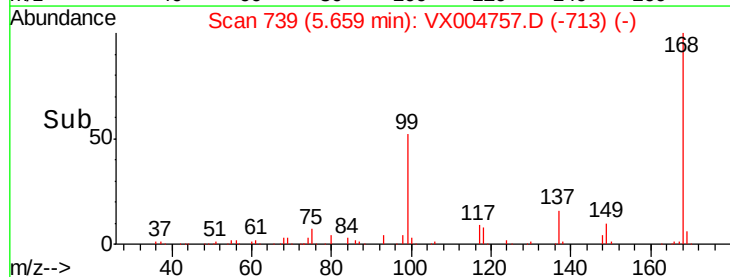
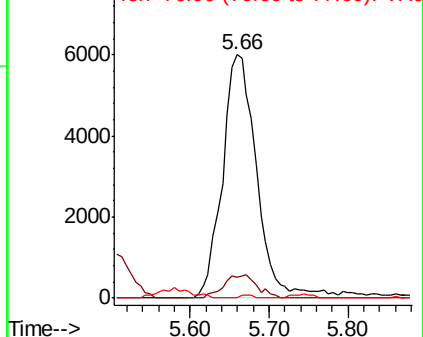
77 0.4 24.6 36.8#

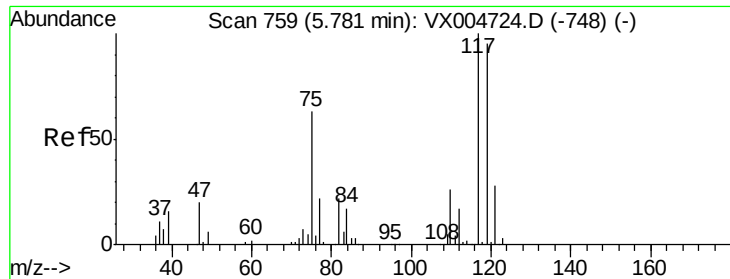


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

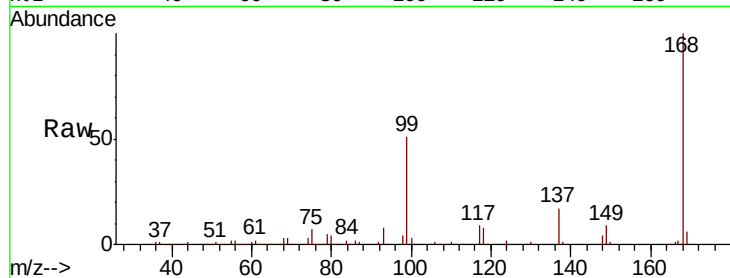




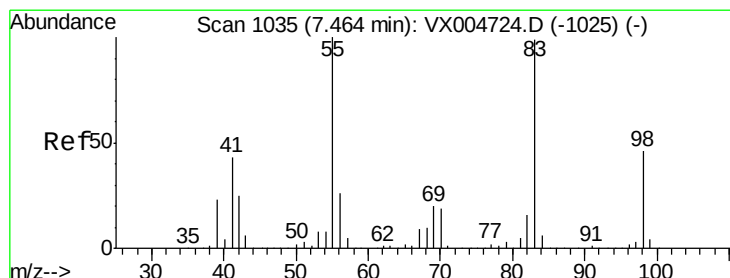
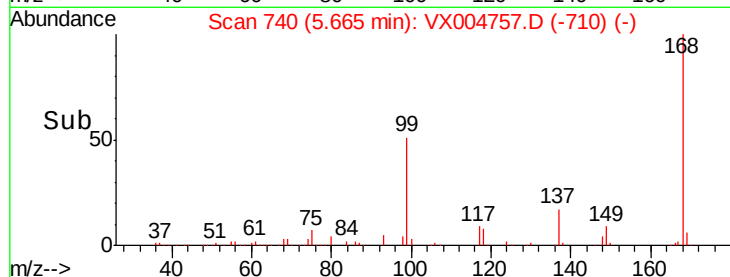
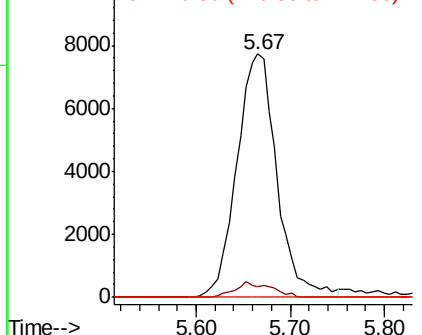
#38
Carbon Tetrachloride
Concen: 4.417 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-091918

Tot Ion:117 Resp: 22954
Ion Ratio Lower Upper
117 100
119 4.4 78.8 118.2#
121 0.0 24.9 37.3#

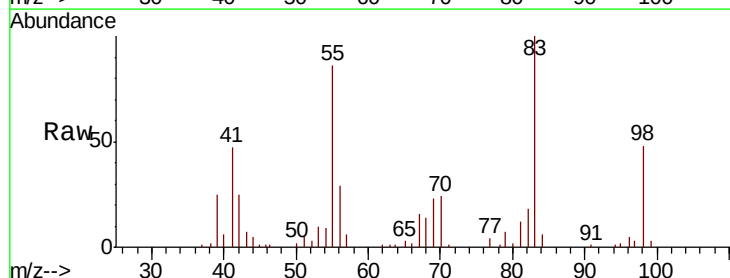


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

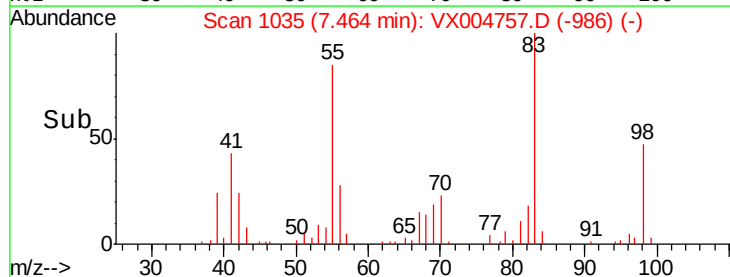
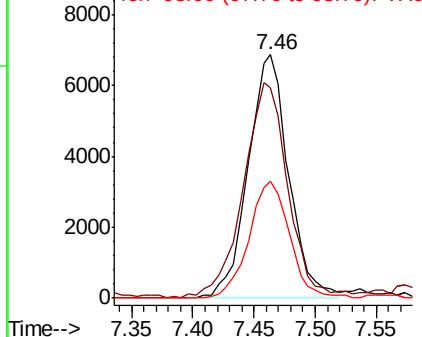


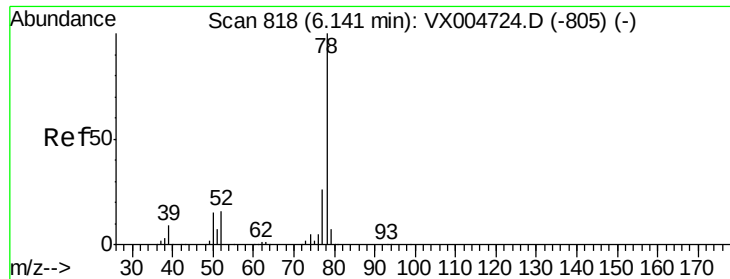
#39
Methylcyclohexane
Concen: 3.129 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Tgt Ion: 83 Resp: 15797
Ion Ratio Lower Upper
83 100
55 84.6 61.0 91.4
98 47.9 39.6 59.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.391 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

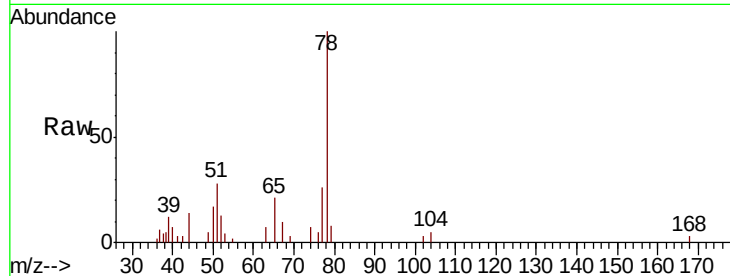
T11-MW-5-9.0-091918

Tot Ion: 78 Resp: 6048

Ion Ratio Lower Upper

78 100

77 25.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2500

2000

1500

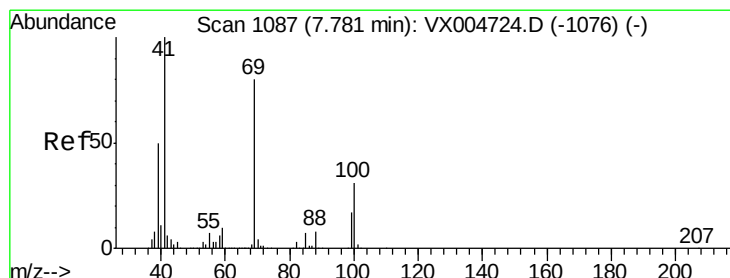
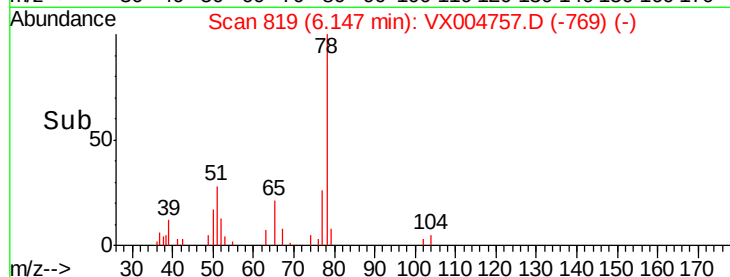
1000

500

0

Time-->

6.05 6.10 6.15 6.20 6.25



#48

Methyl methacrylate

Concen: 0.345 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.04 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

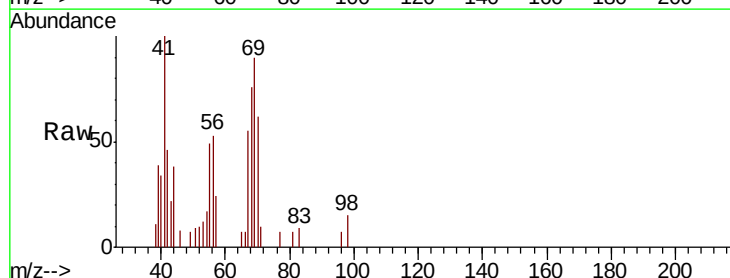
Tgt Ion: 41 Resp: 1484

Ion Ratio Lower Upper

41 100

69 136.2 70.2 105.4#

39 55.9 42.7 64.1



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

1200

1000

800

600

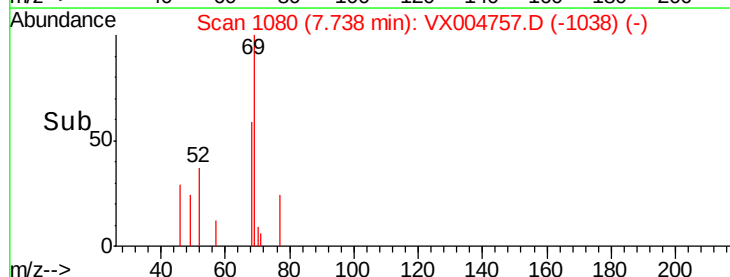
400

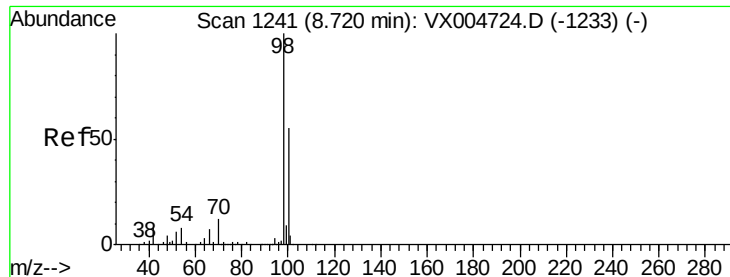
200

0

Time-->

7.65 7.70 7.75 7.80 7.85

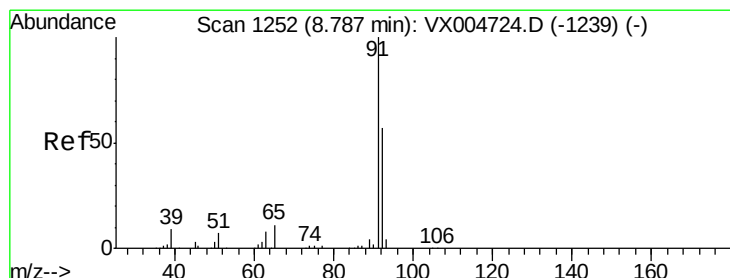
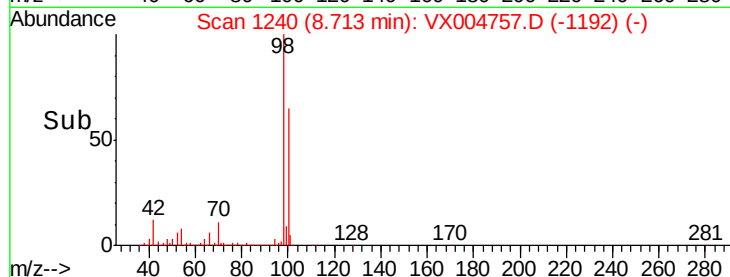
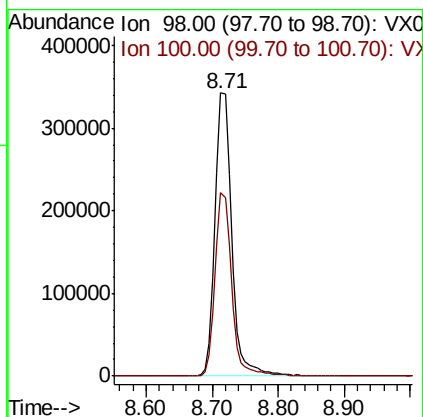
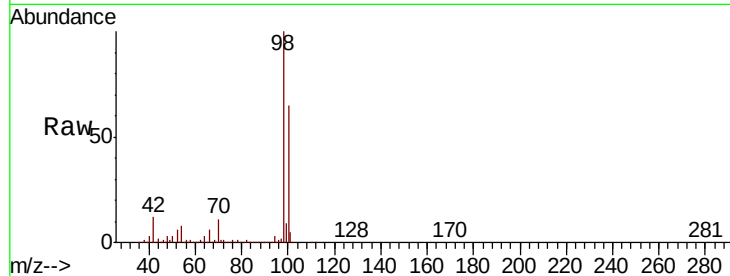




#50
Toluene-d8
Concen: 49.872 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

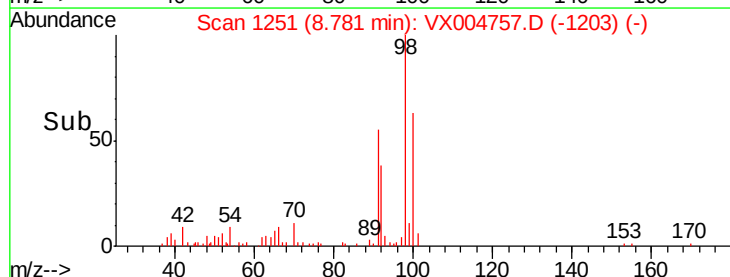
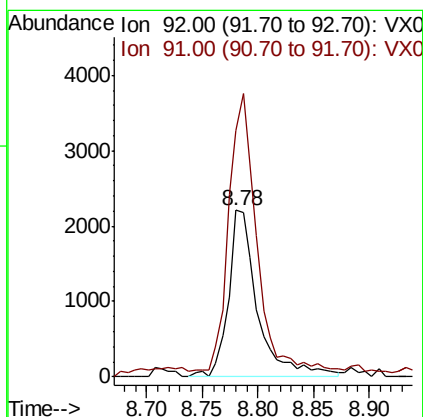
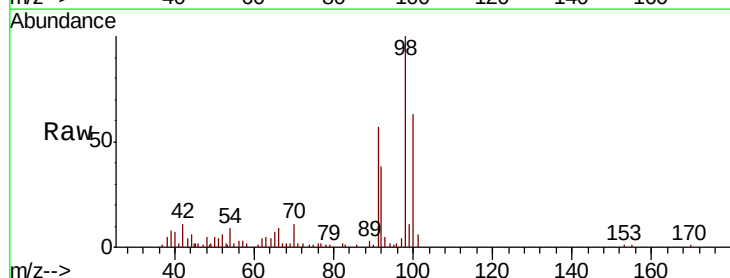
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-091918

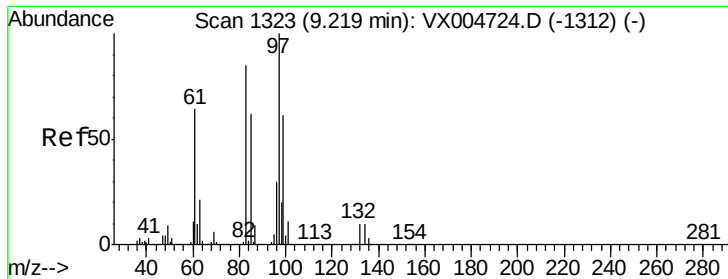
Tot Ion: 98 Resp: 600813
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#52
Toluene
Concen: 0.472 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Tgt Ion: 92 Resp: 4011
Ion Ratio Lower Upper
92 100
91 157.5 136.4 204.6





#55

1,1,2-Trichloroethane

Concen: 0.373 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-091918

Tot Ion: 97 Resp: 1388

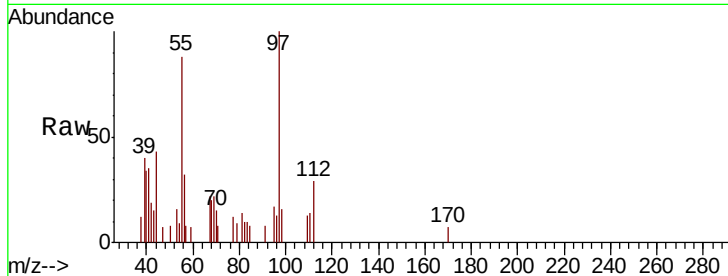
Ion Ratio Lower Upper

97 100

83 1.8 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#

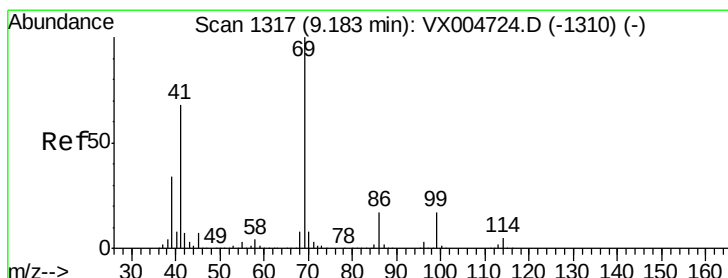
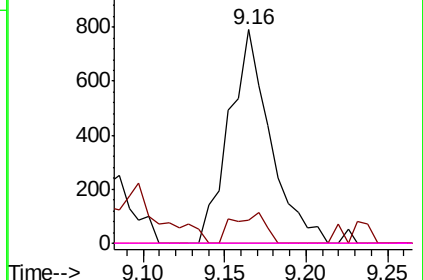
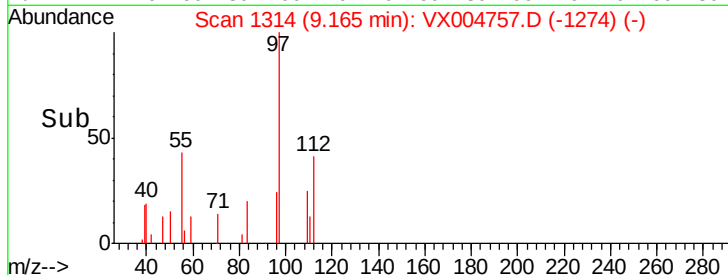


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.901 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

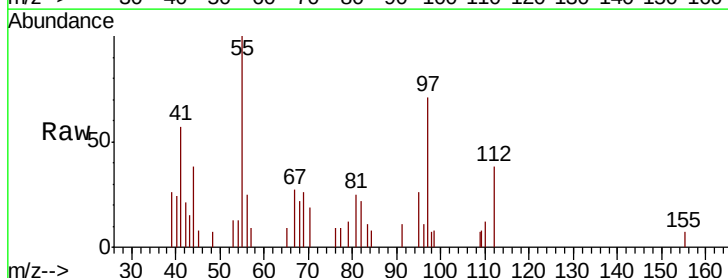
Tgt Ion: 69 Resp: 247

Ion Ratio Lower Upper

69 100

41 271.7 51.0 76.4#

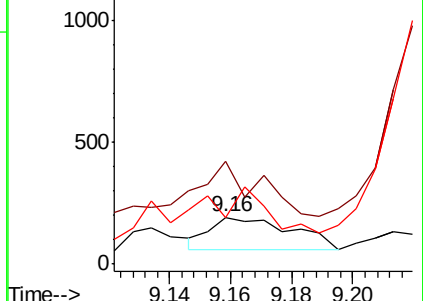
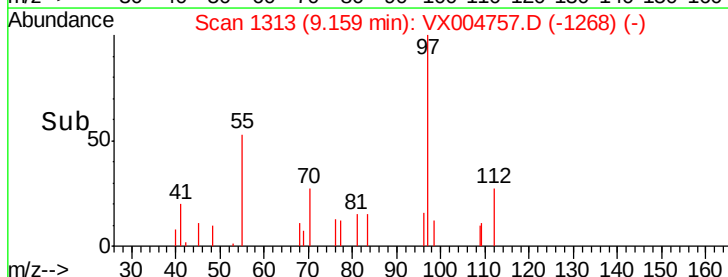
39 98.8 26.1 39.1#

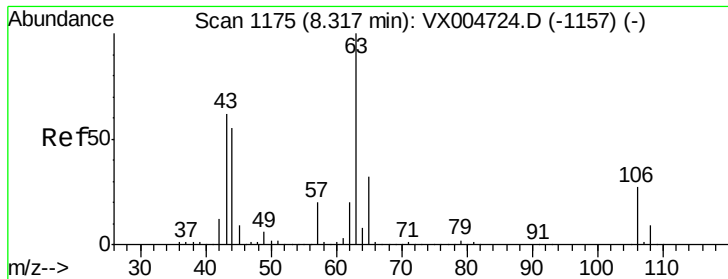


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

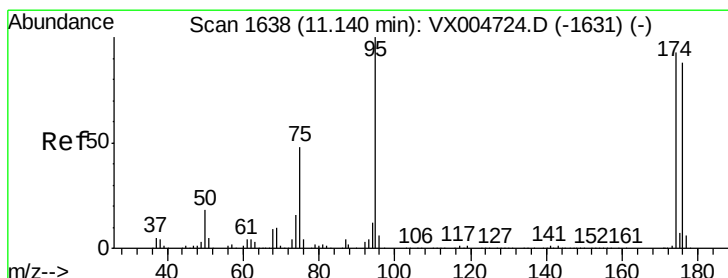
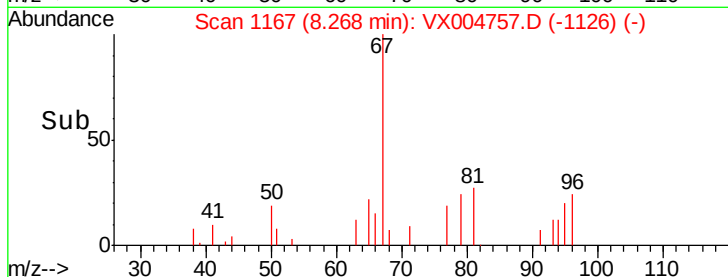
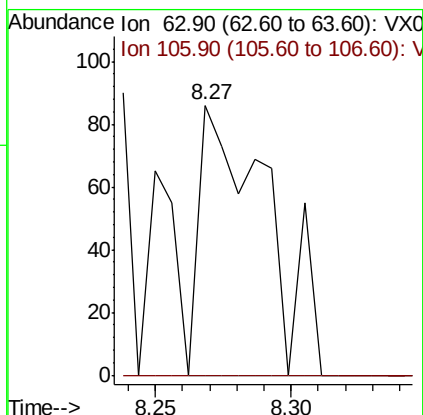
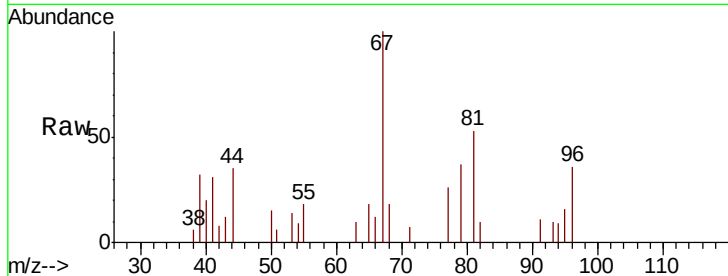




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.286 ug/l
 RT: 8.27 min Scan# 1167
 Delta R.T. -0.05 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

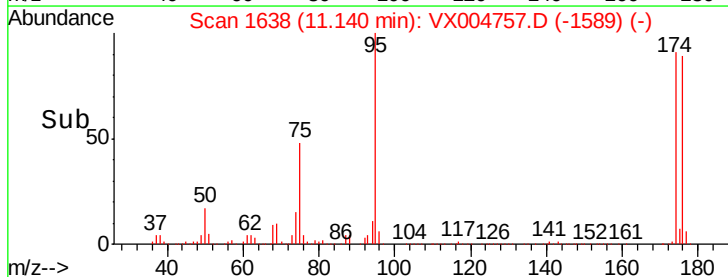
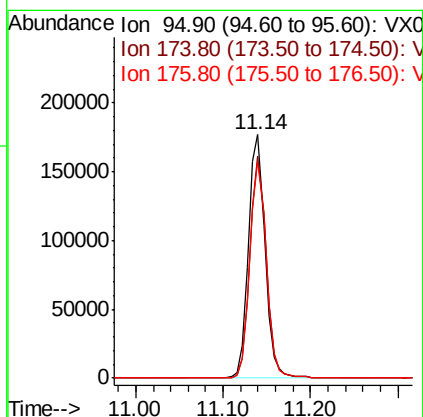
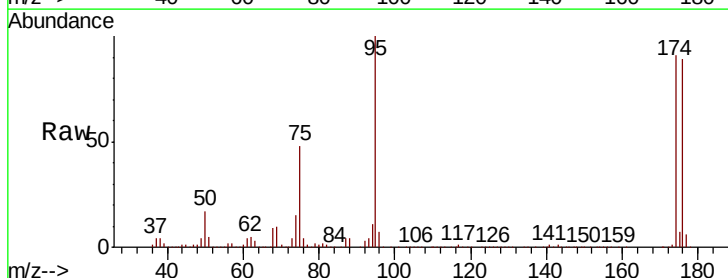
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-091918

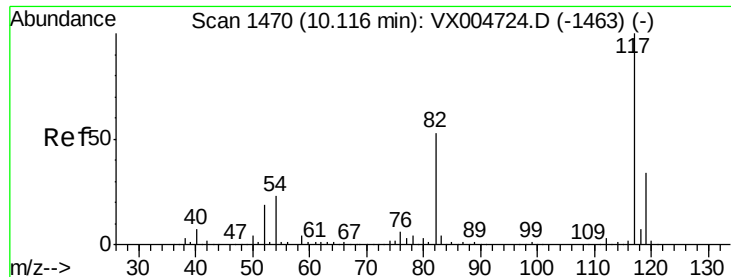
Tot Ion: 63 Resp: 149
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 53.316 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Tgt Ion: 95 Resp: 231394
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 185.2
 176 88.3 0.0 178.6

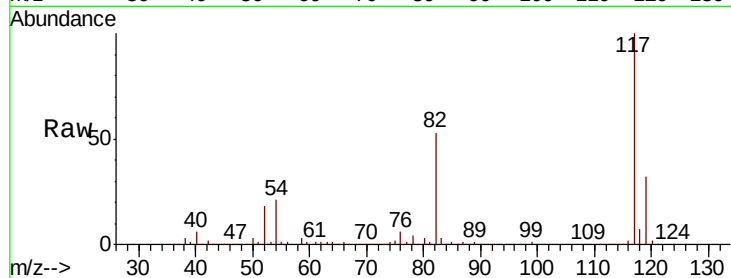




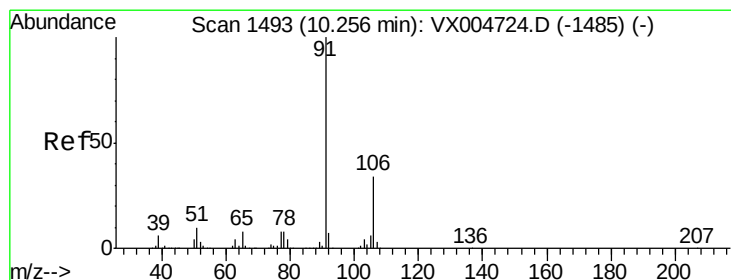
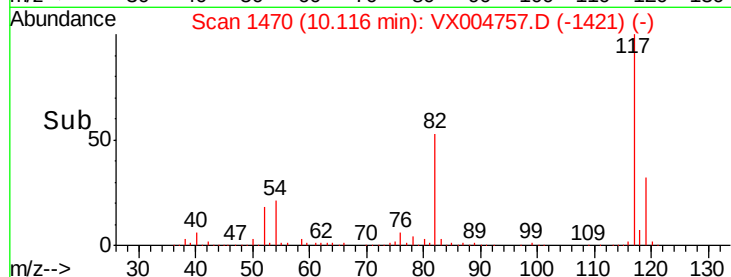
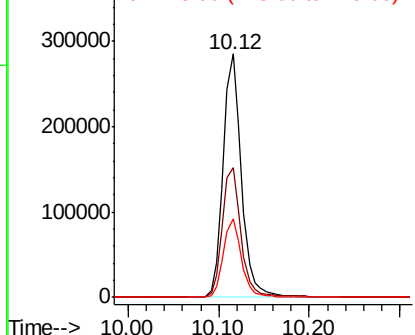
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-091918

Tot Ion:117 Resp: 400128
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 32.3 29.3 43.9

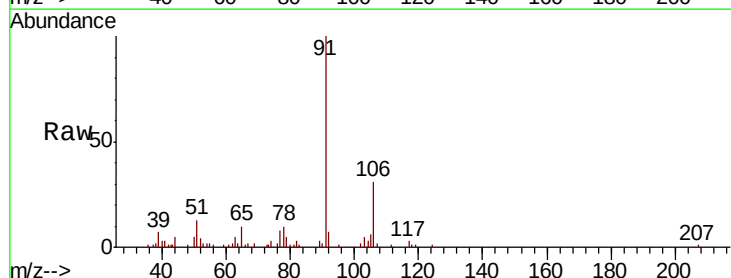


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

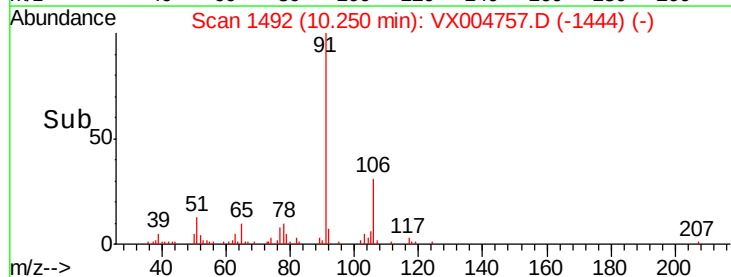
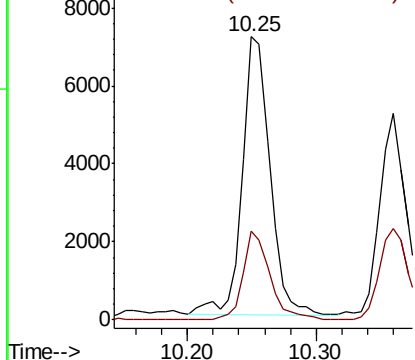


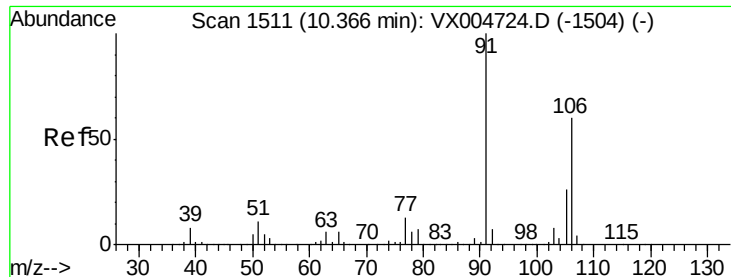
#67
Ethyl Benzene
Concen: 0.652 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Tgt Ion: 91 Resp: 10627
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.584 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

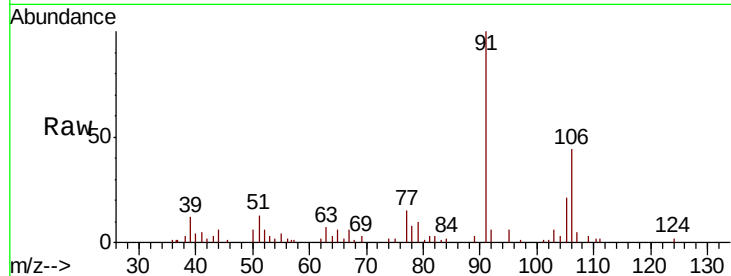
T11-MW-5-9.0-091918

Tot Ion:106 Resp: 3719

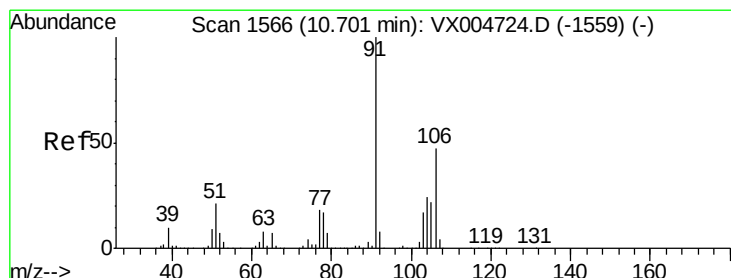
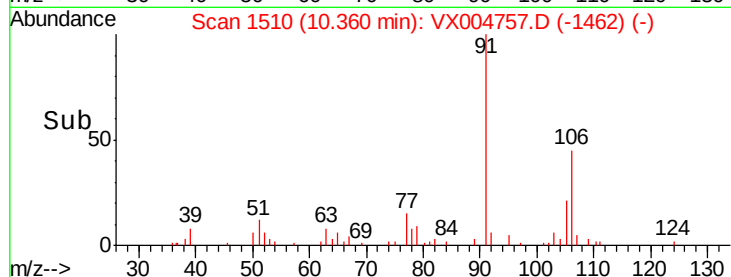
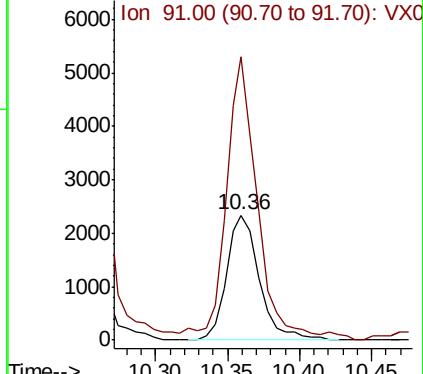
Ion Ratio Lower Upper

106 100

91 197.7 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.381 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX004757.D

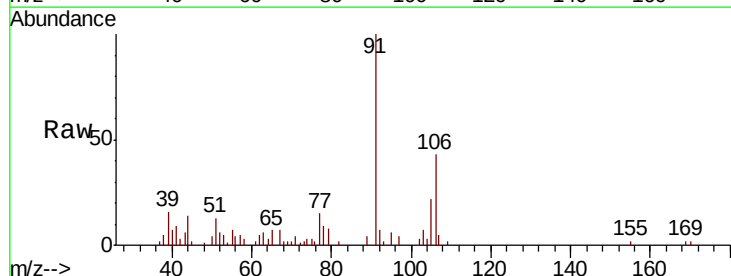
Acq: 27 Sep 2018 06:52

Tgt Ion:106 Resp: 2228

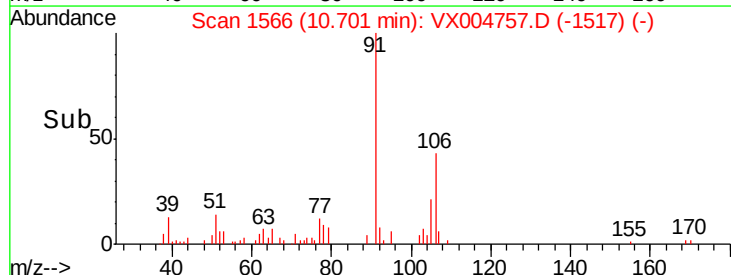
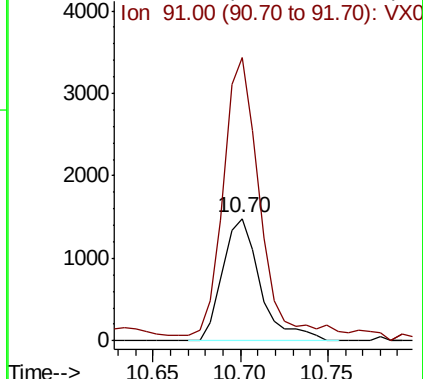
Ion Ratio Lower Upper

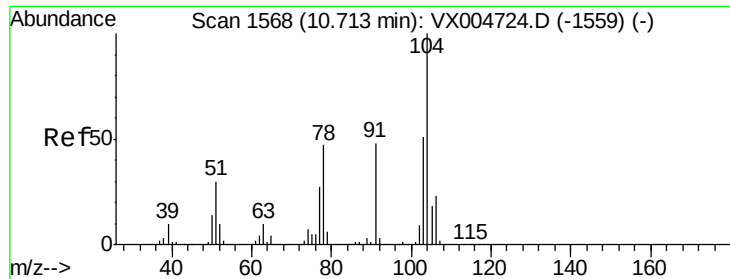
106 100

91 215.7 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V





#70

Stvrene

Concen: 2.163 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-091918

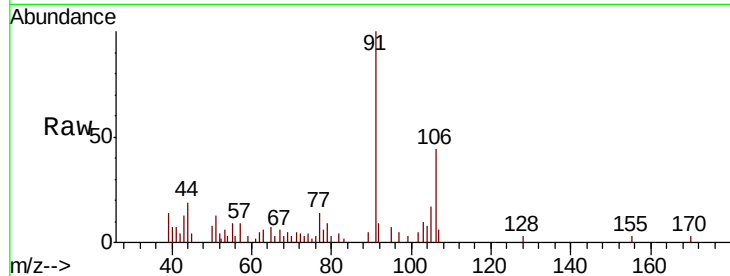
Tot Ion:104 Resp: 254

Ion Ratio Lower Upper

104 100

78 188.2 37.4 56.0#

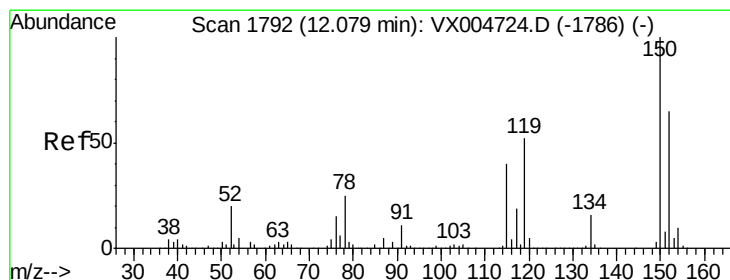
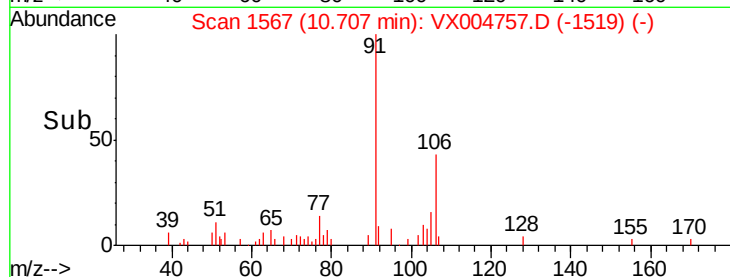
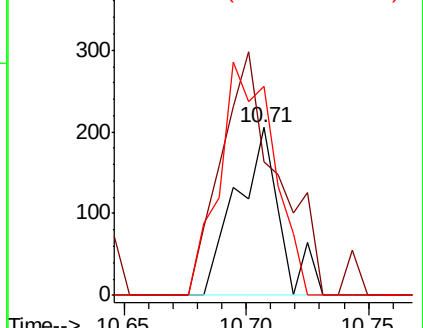
103 0.0 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

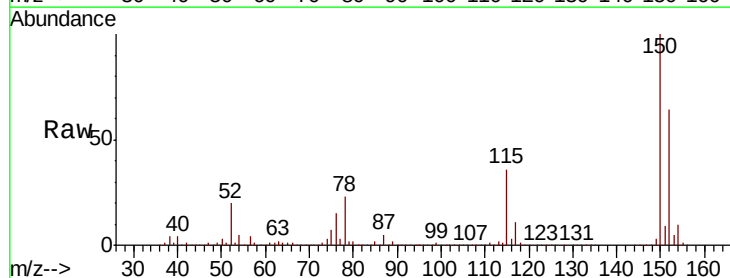
Tgt Ion:152 Resp: 236212

Ion Ratio Lower Upper

152 100

115 56.5 39.0 117.0

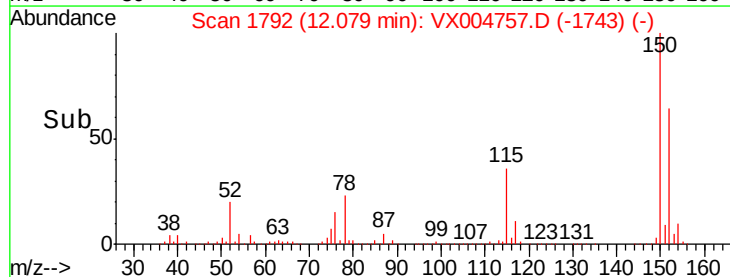
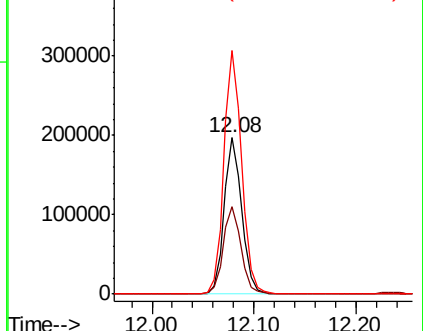
150 157.0 0.0 351.0

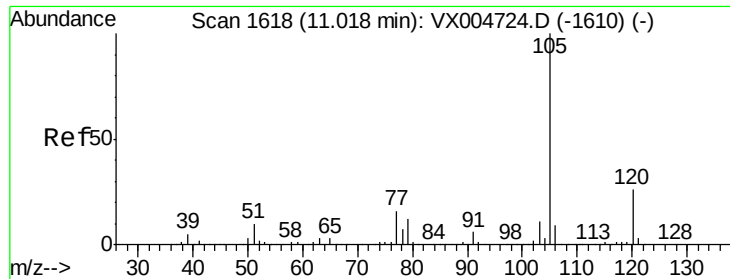


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 27.072 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

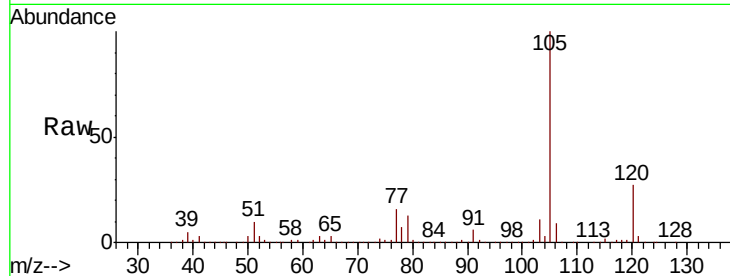
T11-MW-5-9.0-091918

Tot Ion:105 Resp: 403074

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

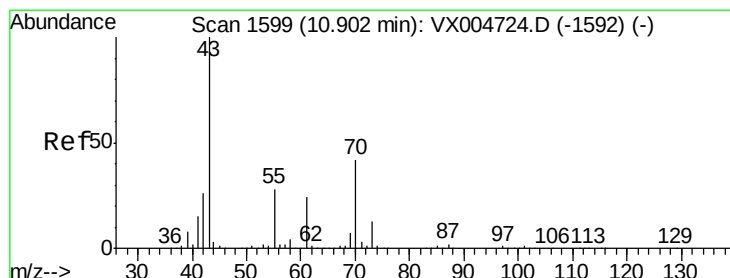
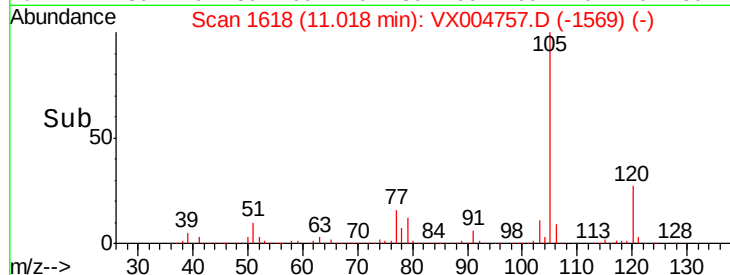
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 1.799 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Tgt Ion: 43 Resp: 437

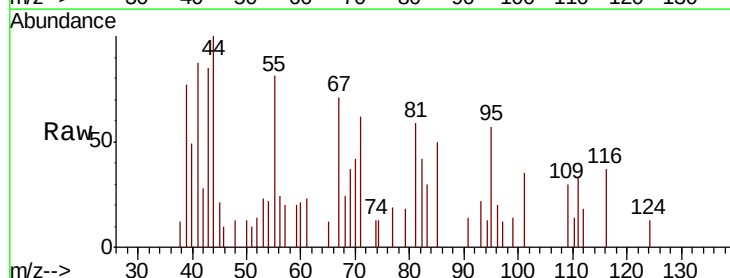
Ion Ratio Lower Upper

43 100

70 125.6 37.4 56.0#

55 199.5 21.8 32.8#

61 85.4 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

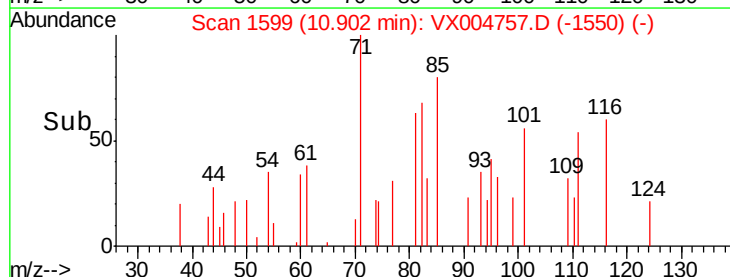
1500

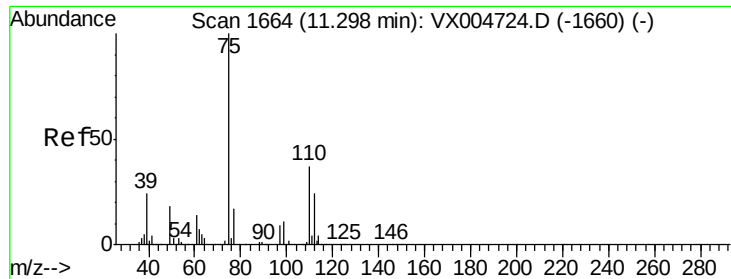
1000

500

0

Time--> 10.88 10.90 10.92





#76

1,2,3-Trichloropropane

Concen: 1.738 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

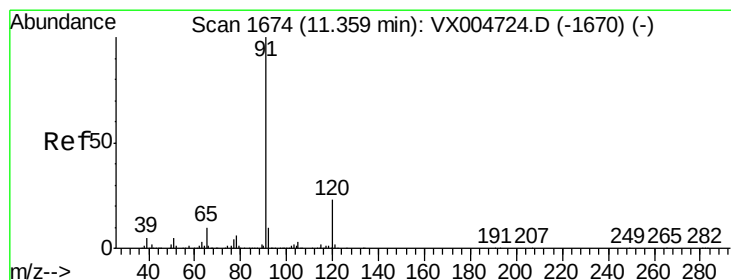
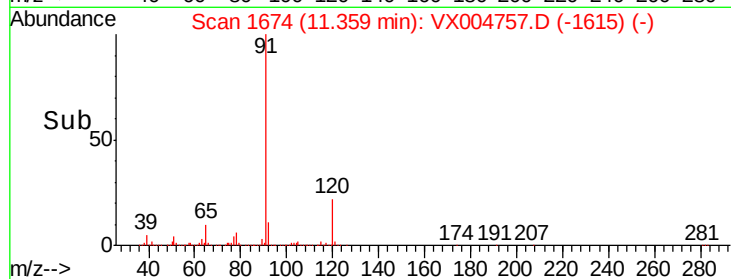
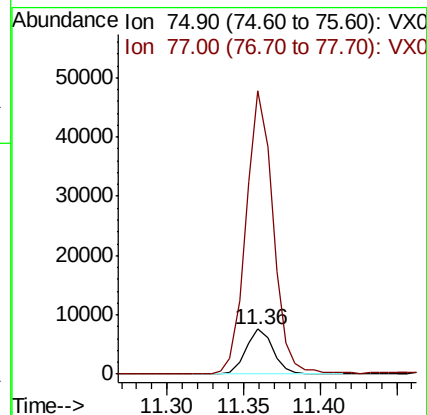
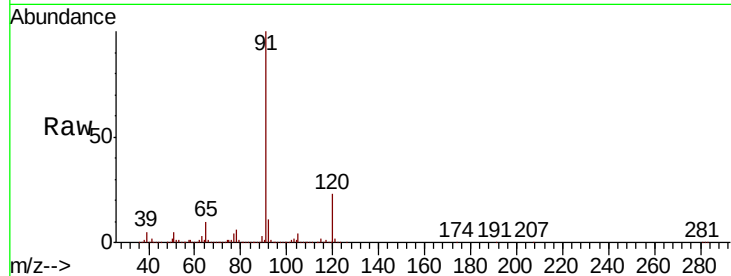
T11-MW-5-9.0-091918

Tot Ion: 75 Resp: 9200

Ion Ratio Lower Upper

75 100

77 635.1 20.2 60.6#



#78

n-propylbenzene

Concen: 87.624 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004757.D

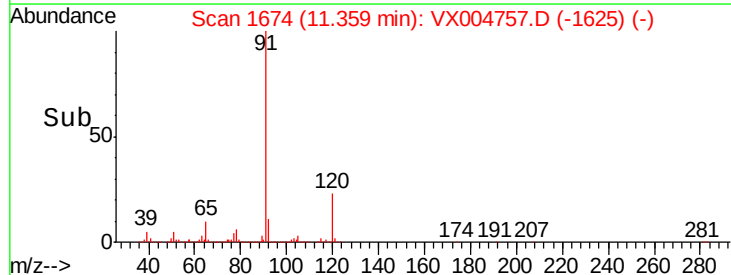
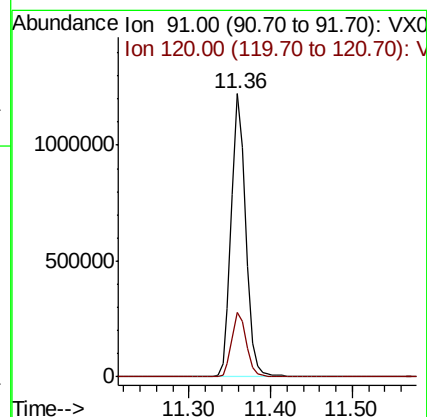
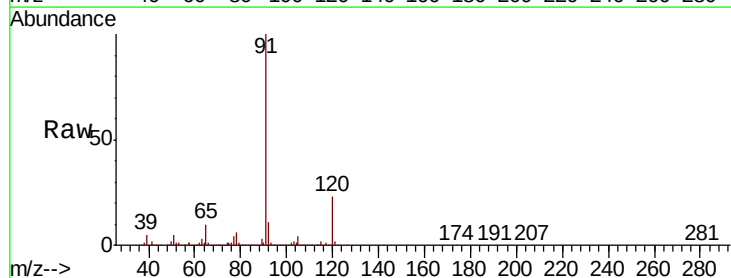
Acq: 27 Sep 2018 06:52

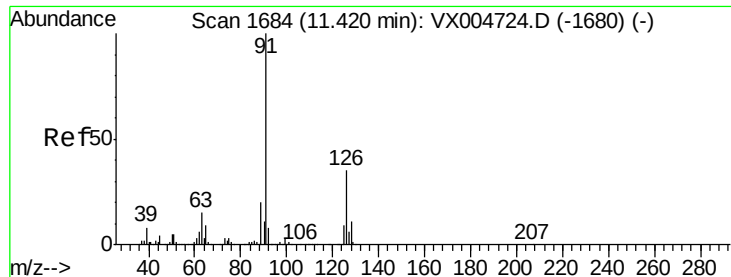
Tgt Ion: 91 Resp: 1496883

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.9

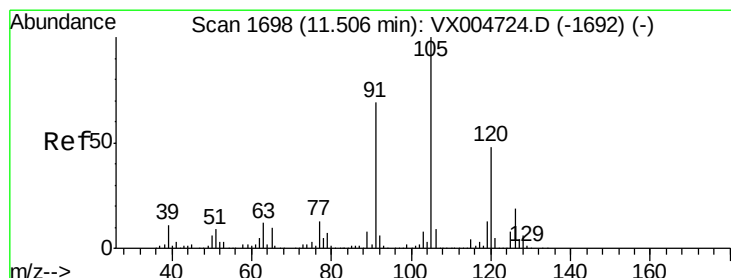
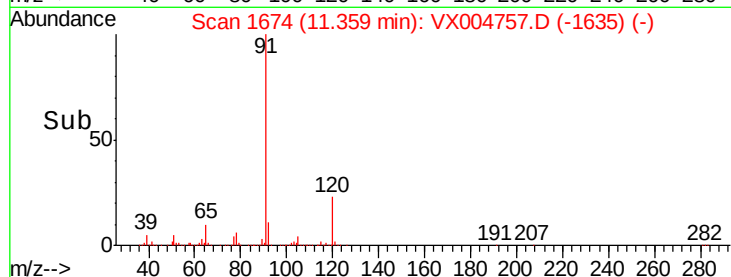
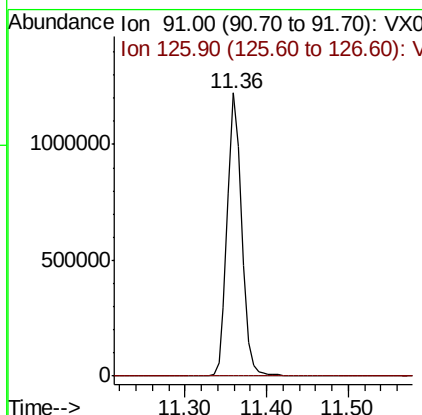
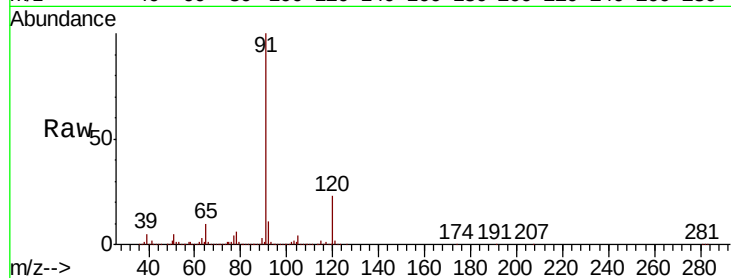




#79
 2-Chlorotoluene
 Concen: 140.576 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

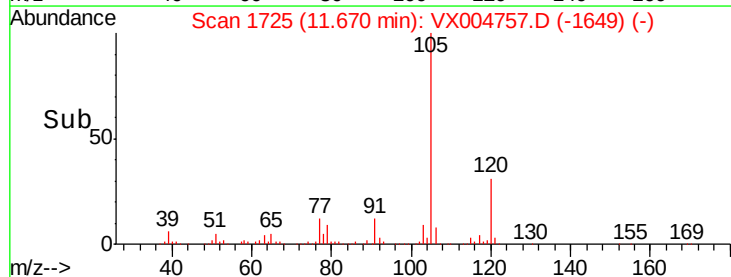
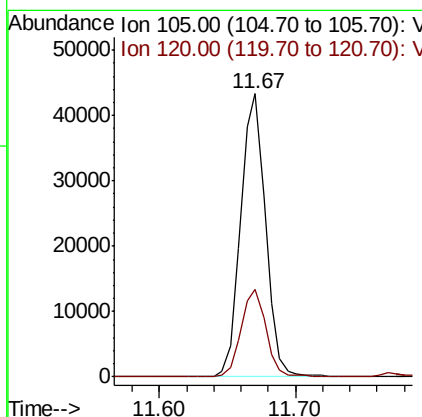
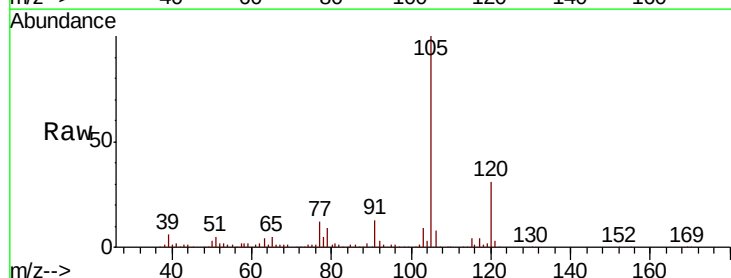
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-091918

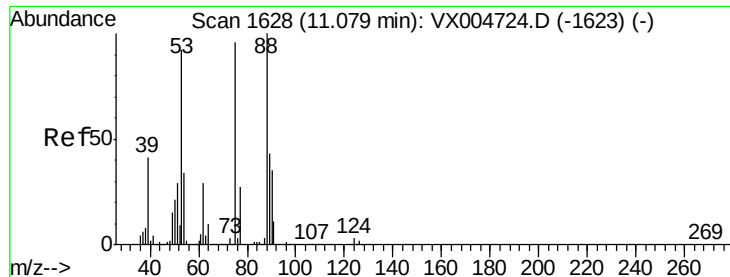
Tot Ion: 91 Resp: 1496883
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.874 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.17 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Tgt Ion:105 Resp: 55359
 Ion Ratio Lower Upper
 105 100
 120 31.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.330 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-091918

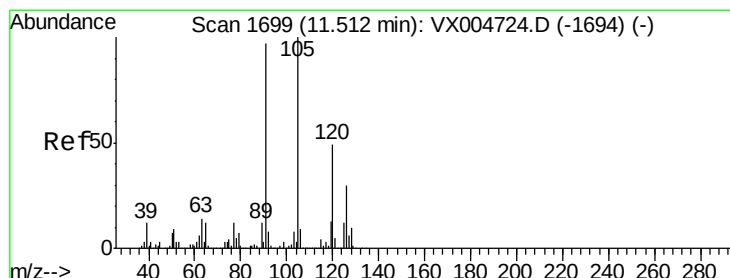
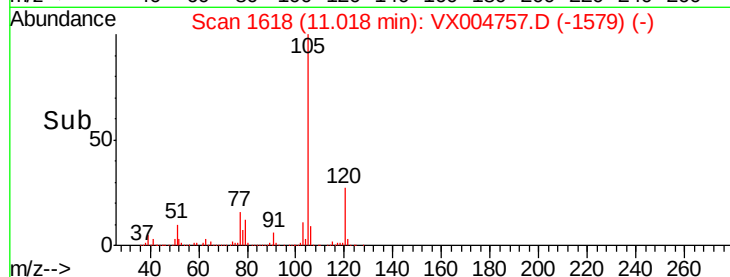
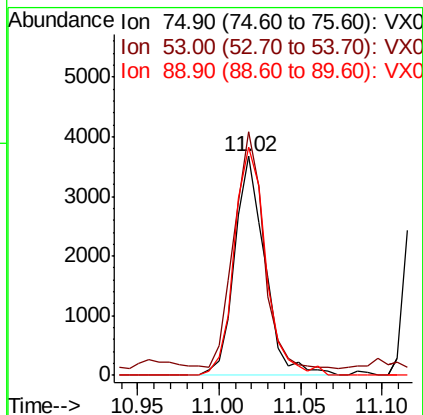
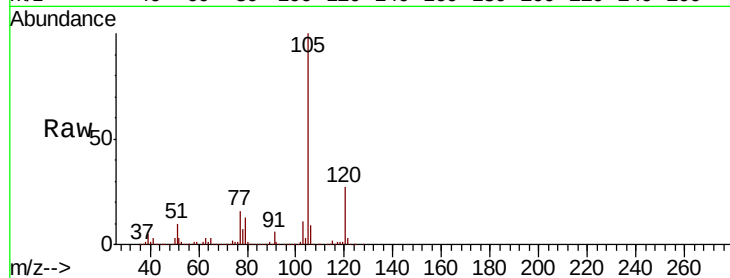
Tot Ion: 75 Resp: 4735

Ion Ratio Lower Upper

75 100

53 110.2 80.1 120.1

89 108.8 37.2 55.8#



#82

4-Chlorotoluene

Concen: 119.431 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004757.D

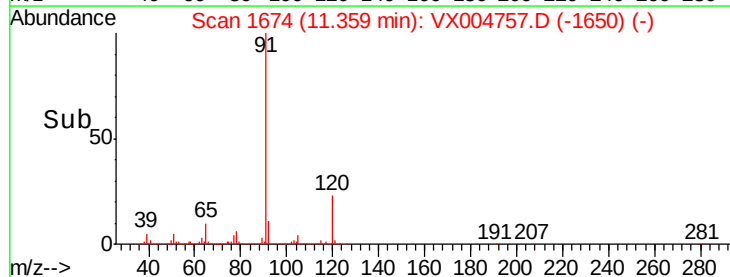
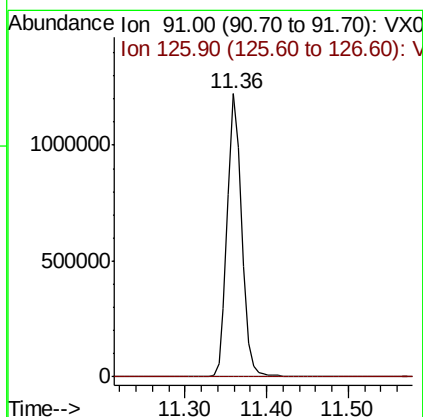
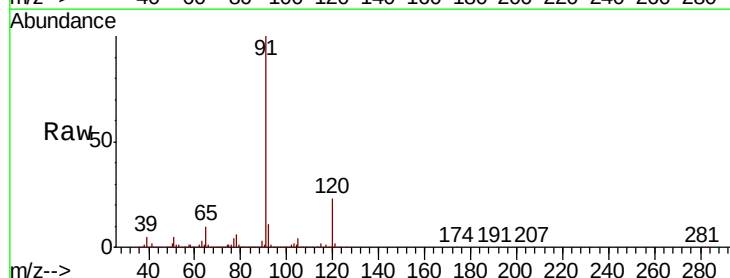
Acq: 27 Sep 2018 06:52

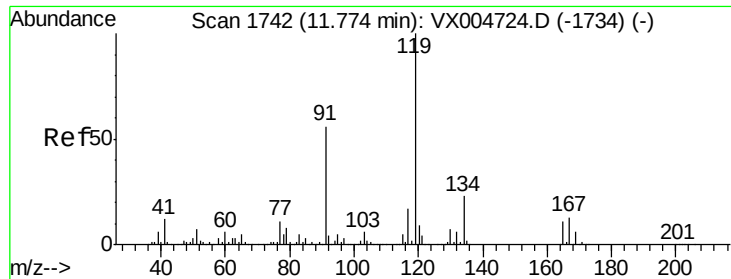
Tgt Ion: 91 Resp: 1496883

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#

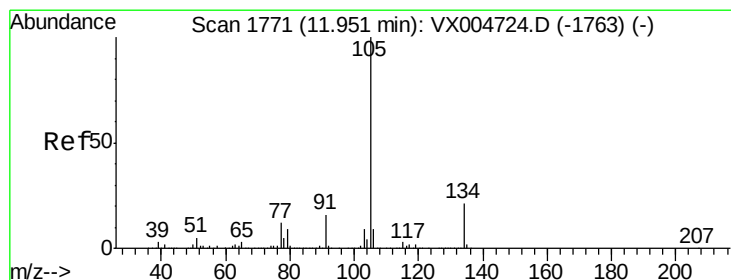
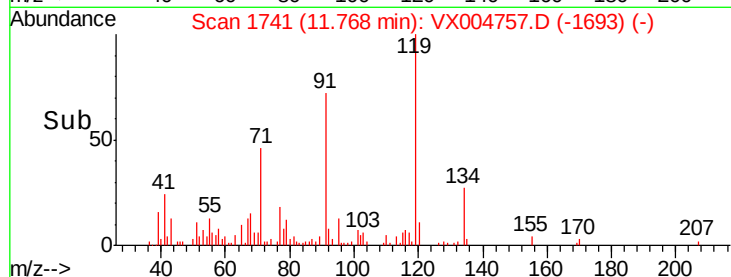
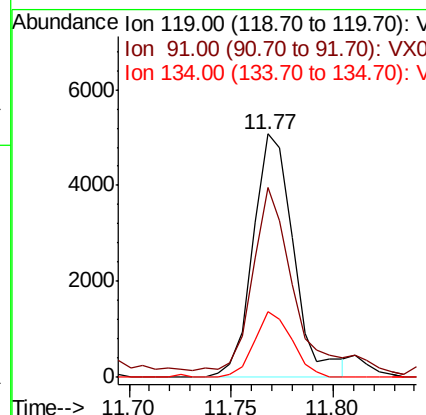
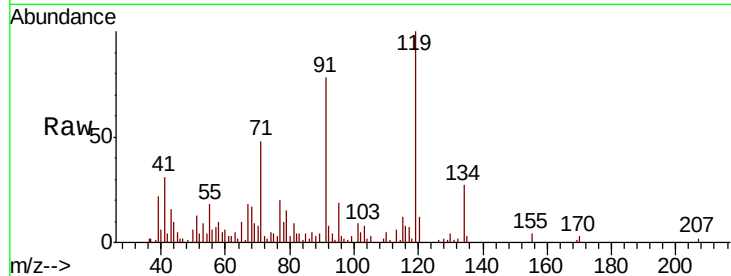




#83
tert-Butylbenzene
Concen: 0.577 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

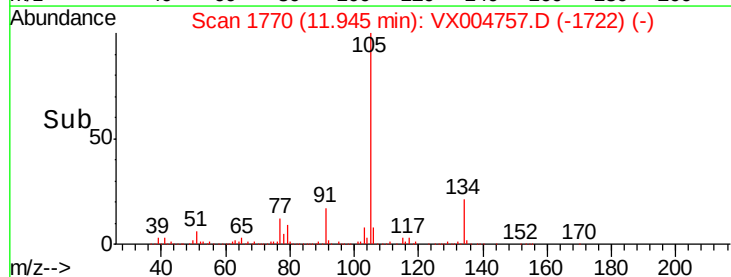
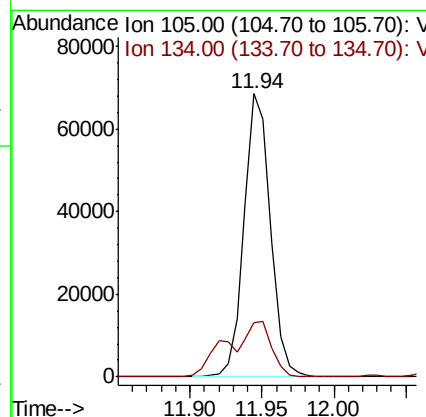
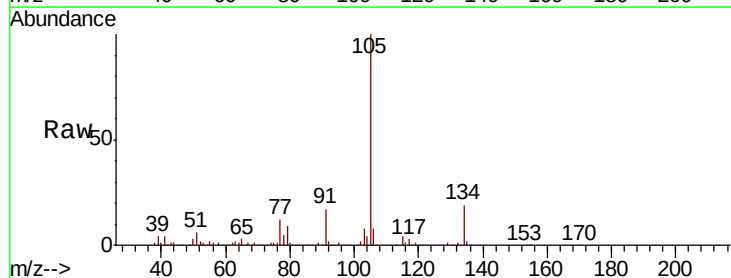
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-091918

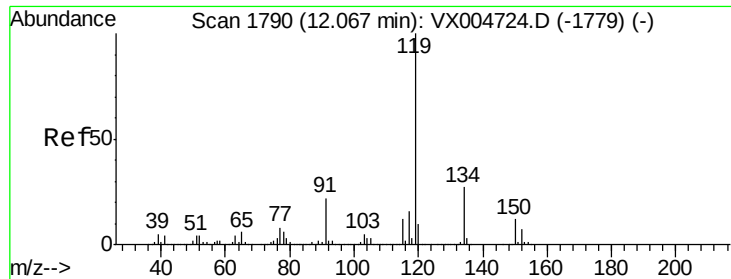
Tot Ion:119 Resp: 7069
Ion Ratio Lower Upper
119 100
91 80.0 27.0 81.0
134 25.0 11.7 35.1



#85
sec-Butylbenzene
Concen: 5.816 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004757.D
Acq: 27 Sep 2018 06:52

Tgt Ion:105 Resp: 86844
Ion Ratio Lower Upper
105 100
134 32.6 10.5 31.5#

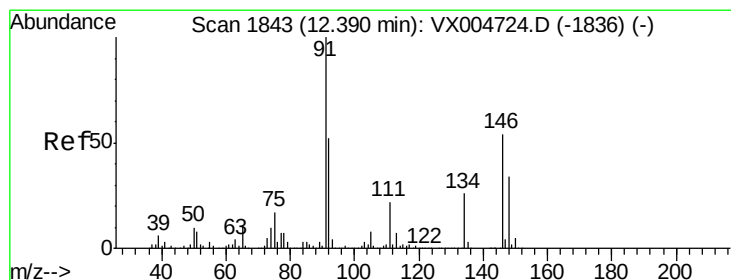
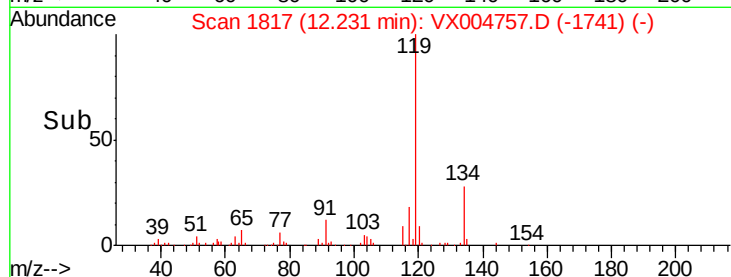
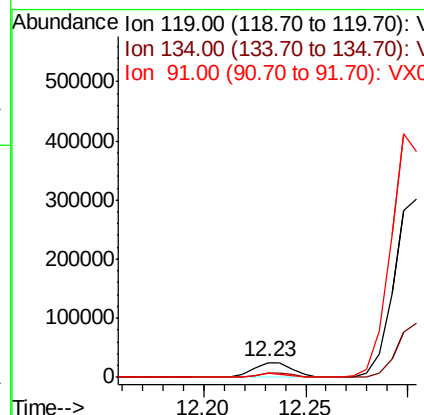
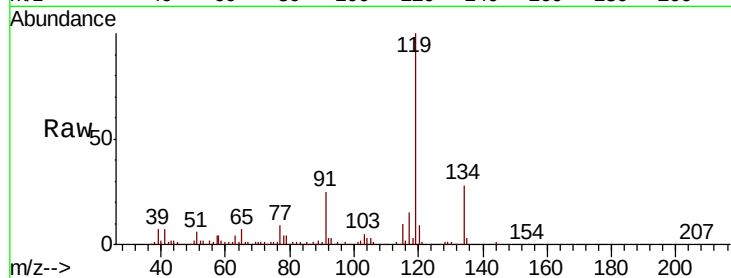




#86
 p-Isopropyltoluene
 Concen: 2.418 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.16 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

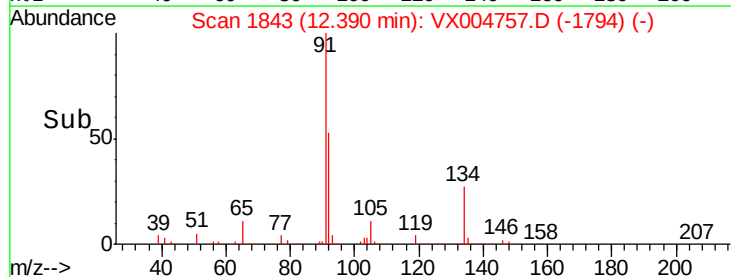
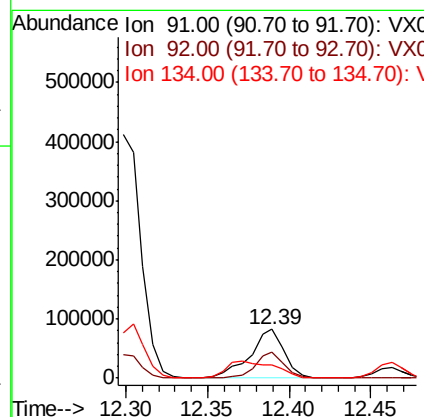
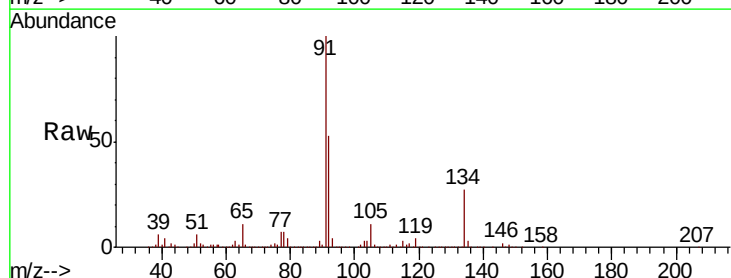
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-091918

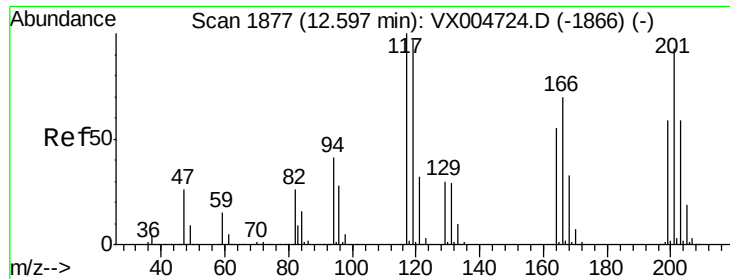
Tot Ion: 119 Resp: 32708
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 0.0 10.9 32.7#



#89
 n-Butylbenzene
 Concen: 9.769 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004757.D
 Acq: 27 Sep 2018 06:52

Tgt Ion: 91 Resp: 120015
 Ion Ratio Lower Upper
 91 100
 92 43.6 27.3 81.9
 134 49.7 13.6 40.7#





#90

Hexachloroethane

Concen: 47.196 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

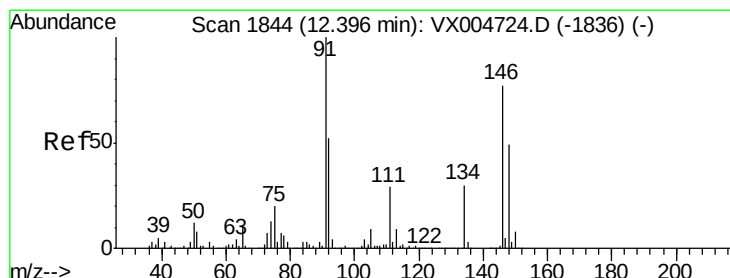
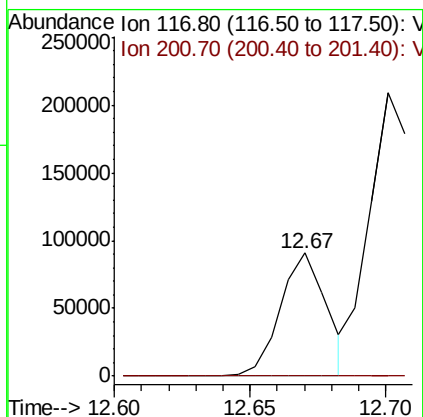
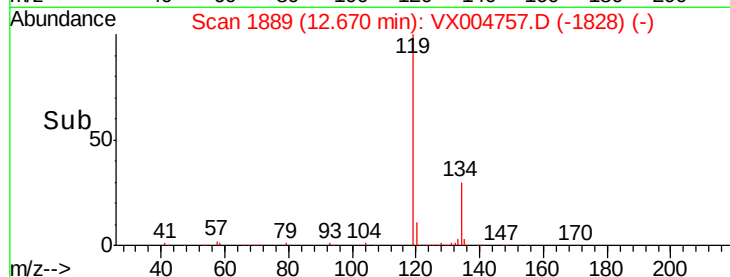
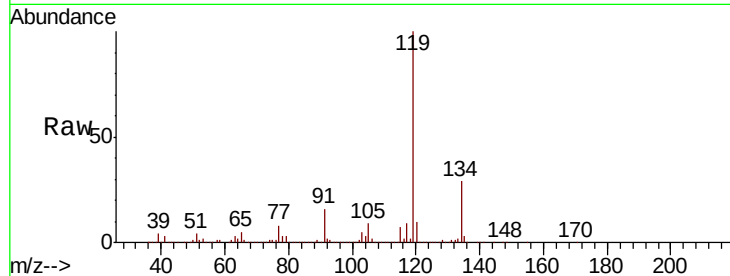
T11-MW-5-9.0-091918

Tot Ion:117 Resp: 106301

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#



#91

1,2-Dichlorobenzene

Concen: 0.288 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

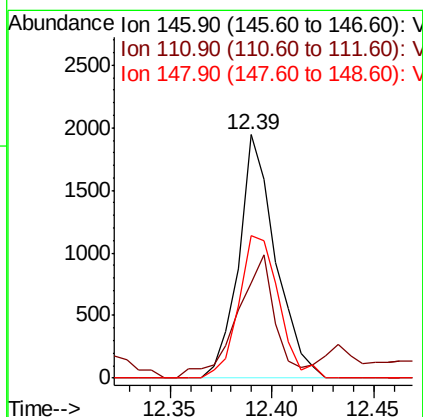
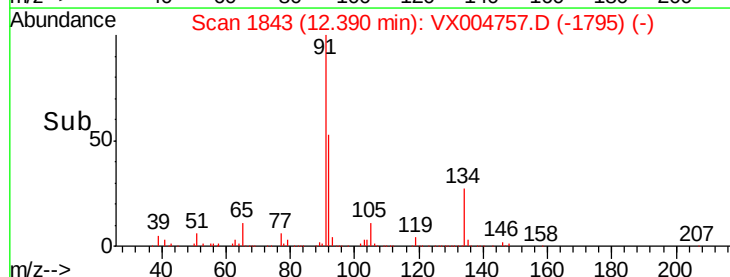
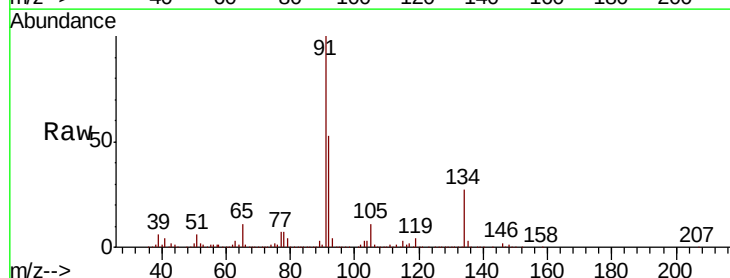
Tgt Ion:146 Resp: 2429

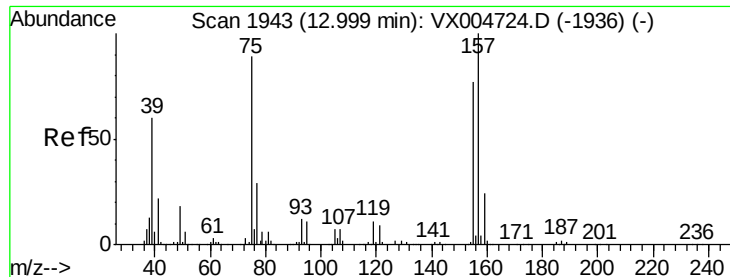
Ion Ratio Lower Upper

146 100

111 52.1 19.4 58.1

148 64.1 32.8 98.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.146 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-091918

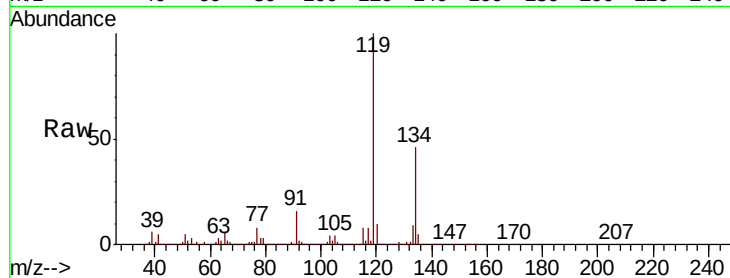
Tot Ion: 75 Resp: 5517

Ion Ratio Lower Upper

75 100

155 21.9 48.0 144.2#

157 0.0 61.4 184.1#

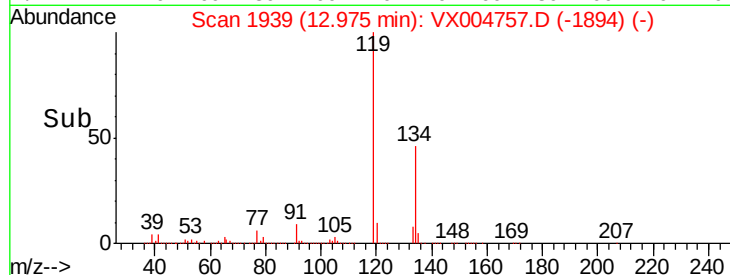


Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX004724.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX004724.D (-1936) (-)

Time-->

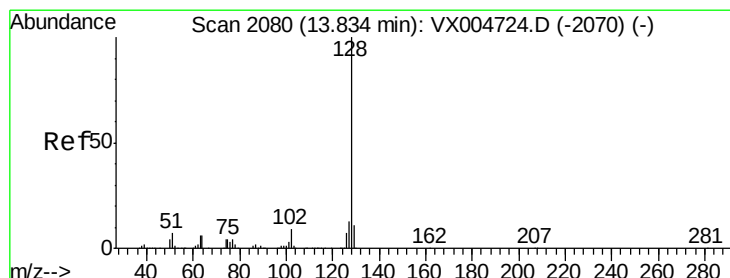


Abundance Ion 74.90 (74.60 to 75.60): VX004757.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX004757.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX004757.D (-1894) (-)

Time-->



#95

Naphthalene

Concen: 0.895 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004757.D

Acq: 27 Sep 2018 06:52

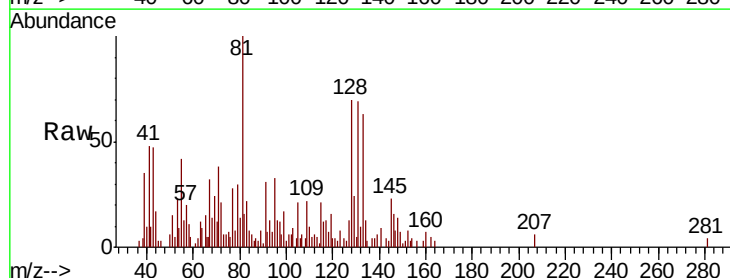
Tgt Ion: 128 Resp: 3503

Ion Ratio Lower Upper

128 100

127 32.2 10.2 15.2#

129 64.1 8.6 12.8#

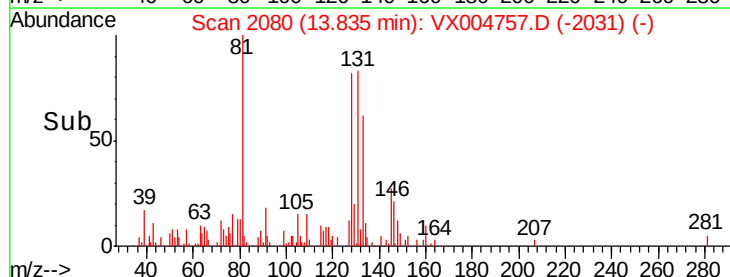


Abundance Ion 128.00 (127.70 to 128.70): VX004724.D (-2070) (-)

Ion 127.00 (126.70 to 127.70): VX004724.D (-2070) (-)

Ion 129.00 (128.70 to 129.70): VX004724.D (-2070) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VX004757.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX004757.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX004757.D (-2031) (-)

Time-->