

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004754.D
 Acq On : 27 Sep 2018 05:32
 Operator : JC/MD
 Sample : J5020-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-091918

Quant Time: Sep 27 07:14:26 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	273528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242491	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	196161	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	5.51	113	166429	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	
50) Toluene-d8	8.71	98	626344	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	236370	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	

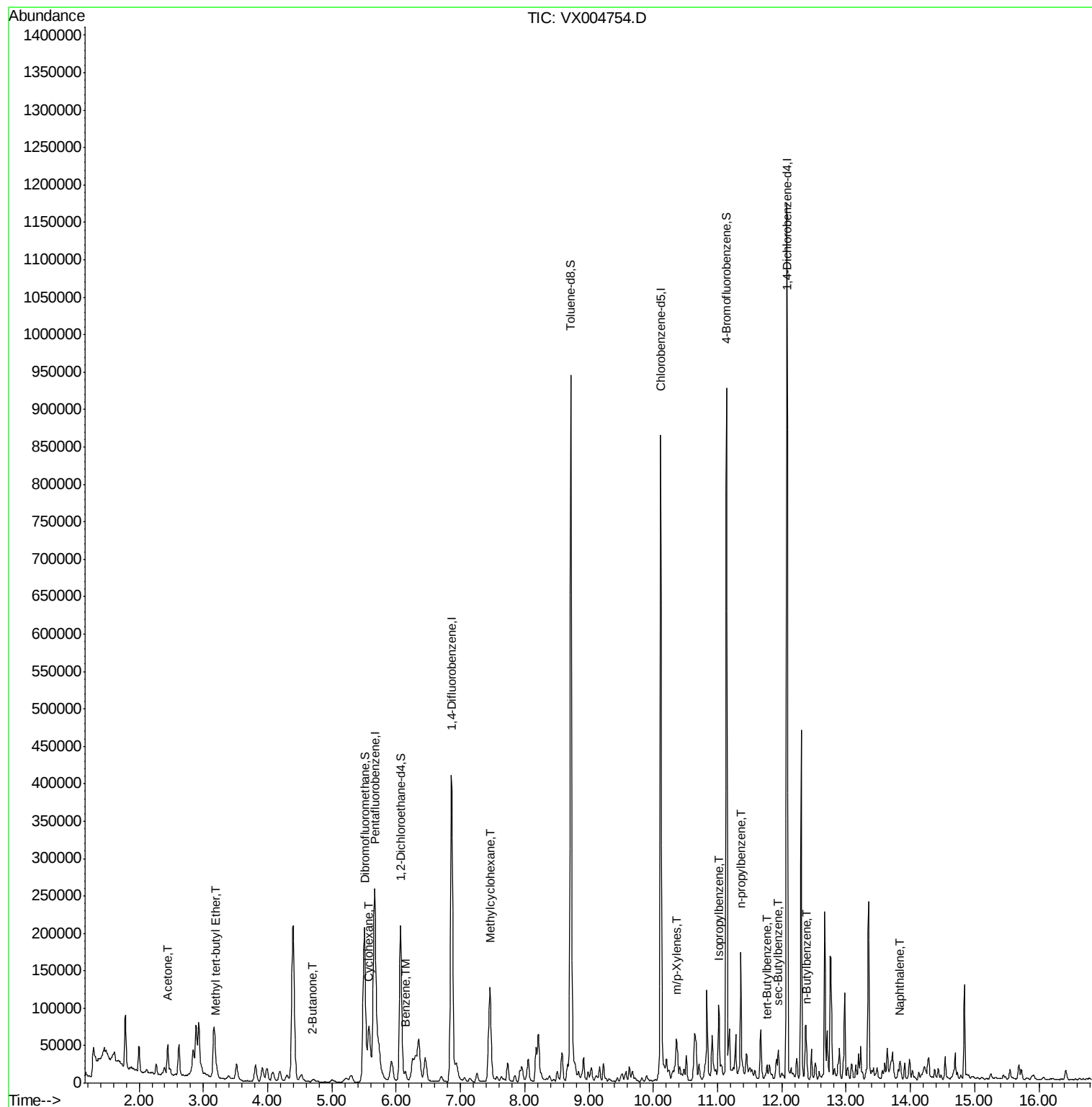
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	41978	18.402	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	14116	1.381	ug/l #	49
25) 2-Butanone	4.70	43	7630	2.269	ug/l #	89
31) Cyclohexane	5.57	56	51429	10.345	ug/l	87
39) Methylcyclohexane	7.46	83	53286	10.420	ug/l	93
40) Benzene	6.15	78	14654	0.935	ug/l	100
68) m/p-Xylenes	10.36	106	6600	1.000	ug/l	92
73) Isopropylbenzene	11.02	105	50753	3.321	ug/l	98
78) n-propylbenzene	11.36	91	100690	5.742	ug/l	97
83) tert-Butylbenzene	11.77	119	5019	0.399	ug/l	80
85) sec-Butylbenzene	11.94	105	16543	1.079	ug/l	81
89) n-Butylbenzene	12.39	91	12963	1.028	ug/l #	70
95) Naphthalene	13.83	128	14775	1.441	ug/l #	93

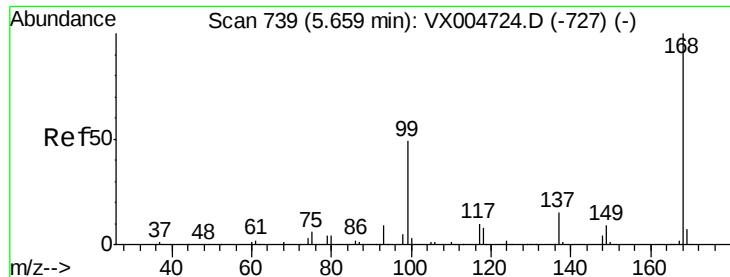
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004754.D
Acq On : 27 Sep 2018 05:32
Operator : JC/MD
Sample : J5020-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

Quant Time: Sep 27 07:14:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

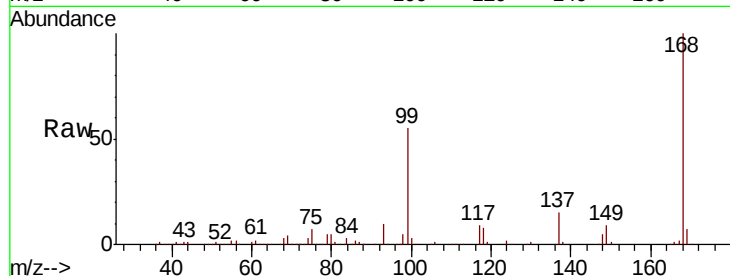
T3-MW-1-9.0-091918

Tot Ion:168 Resp: 273528

Ion Ratio Lower Upper

168 100

99 55.3 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

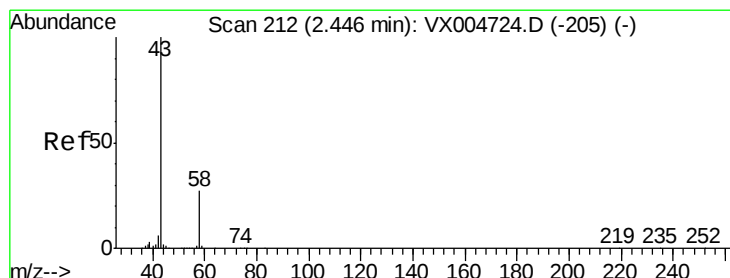
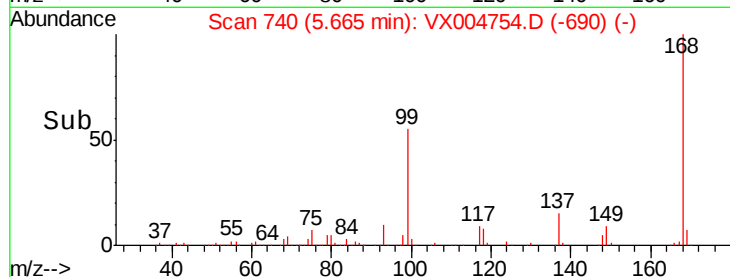
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.402 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004754.D

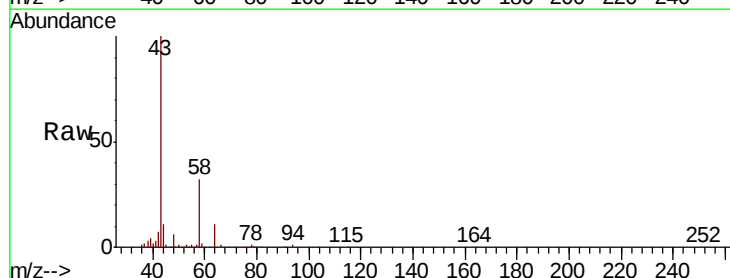
Acq: 27 Sep 2018 05:32

Tgt Ion: 43 Resp: 41978

Ion Ratio Lower Upper

43 100

58 31.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

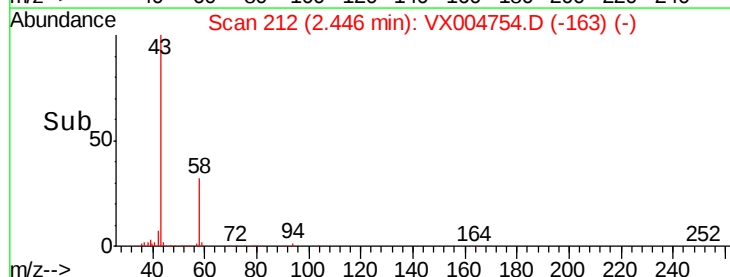
15000

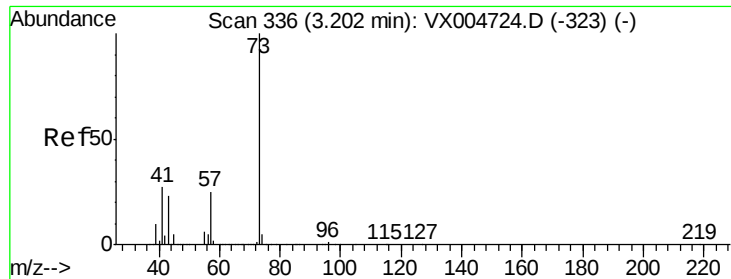
10000

5000

0

Time--> 2.40 2.45 2.50 2.55

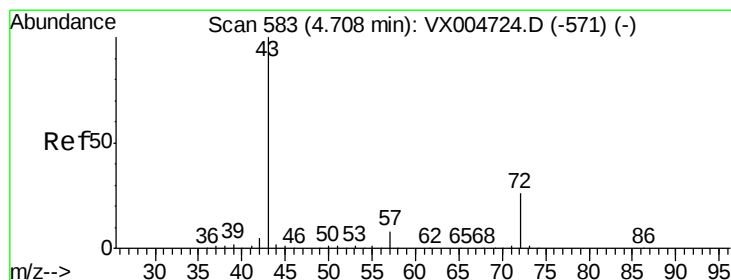
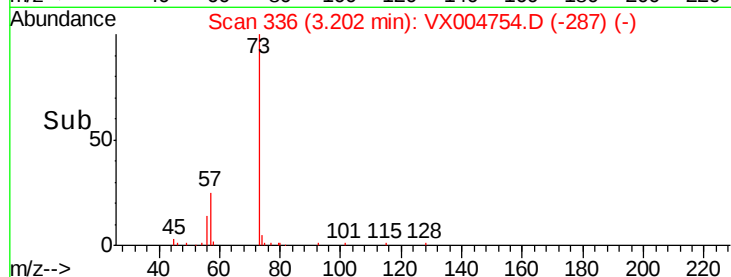
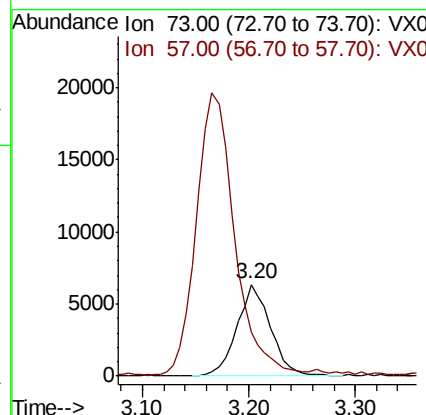
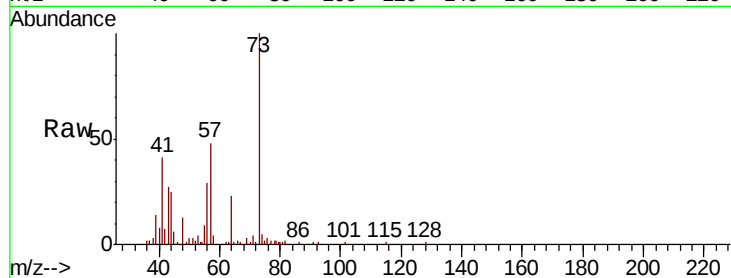




#19
Methvl tert-butvl Ether
Concen: 1.381 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

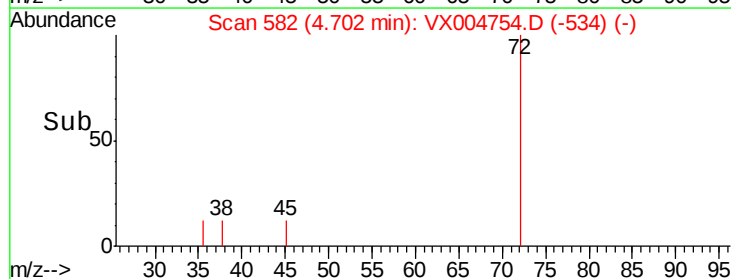
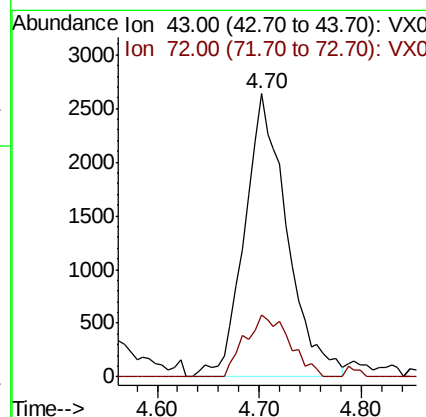
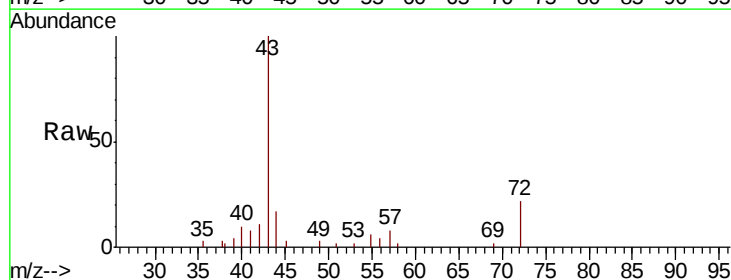
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

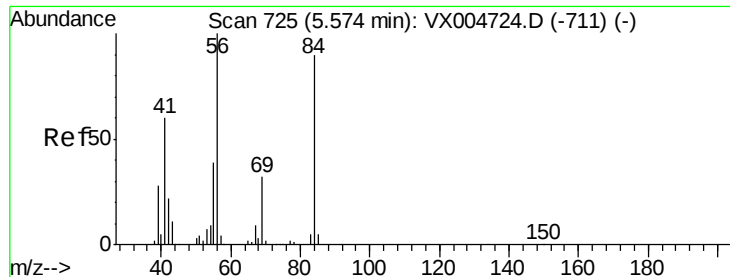
Tot Ion: 73 Resp: 14116
Ion Ratio Lower Upper
73 100
57 45.3 17.1 25.7#



#25
2-Butanone
Concen: 2.269 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
72 22.0 22.0 33.0#

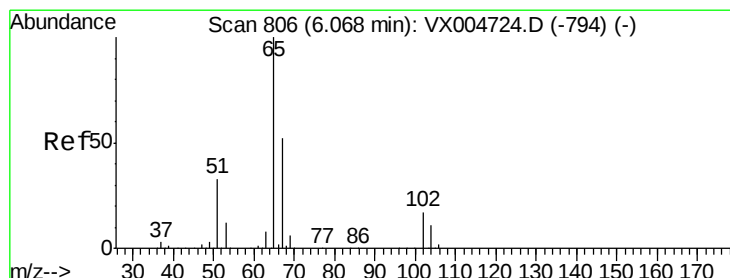
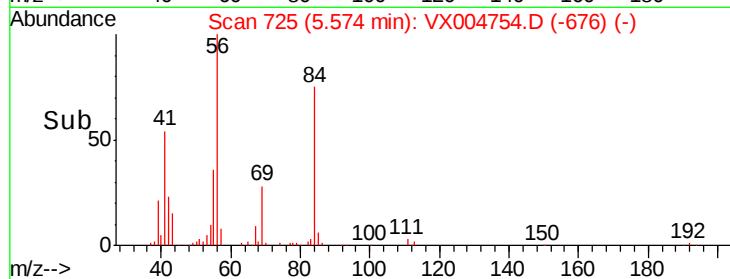
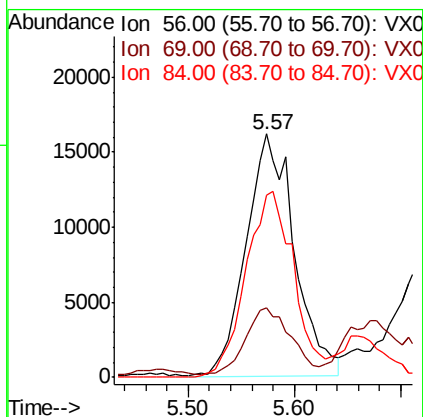
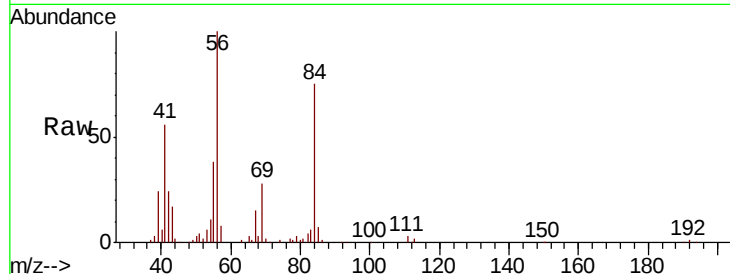




#31
Cyclohexane
Concen: 10.345 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

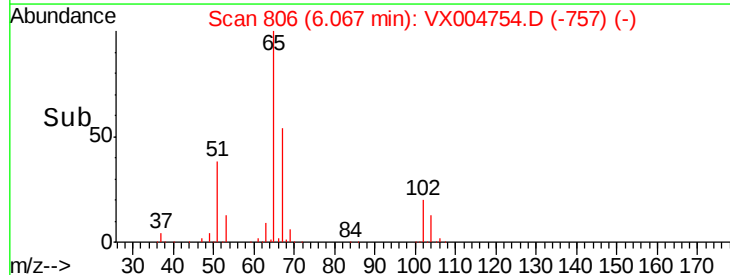
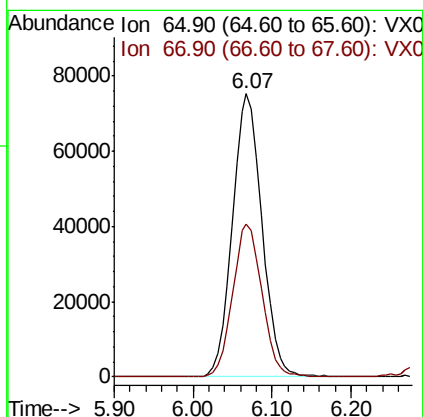
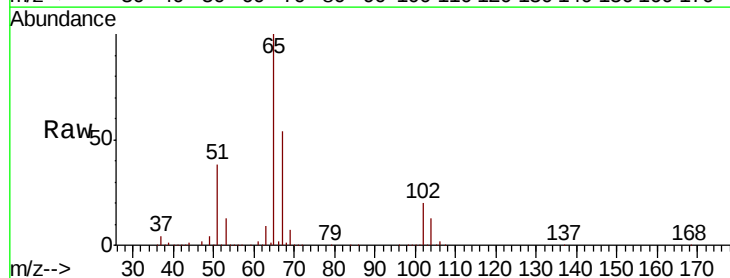
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

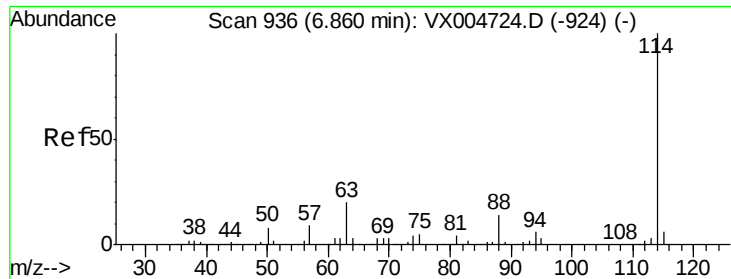
Tot Ion: 56 Resp: 51429
Ion Ratio Lower Upper
56 100
69 27.0 25.4 38.2
84 75.4 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 50.203 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Tgt Ion: 65 Resp: 196161
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8

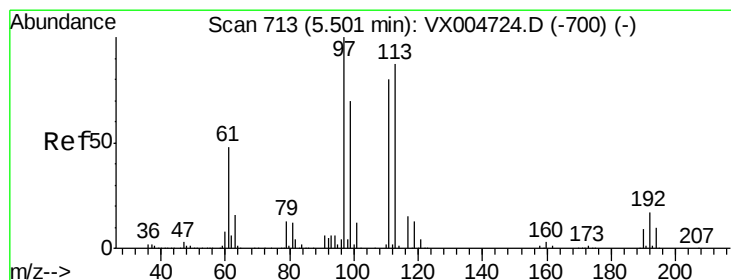
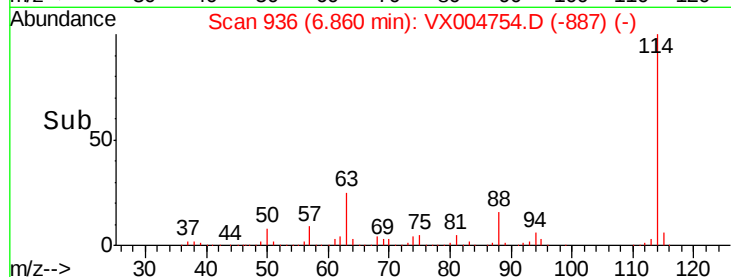
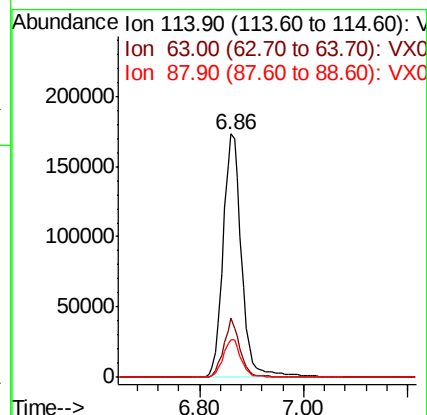
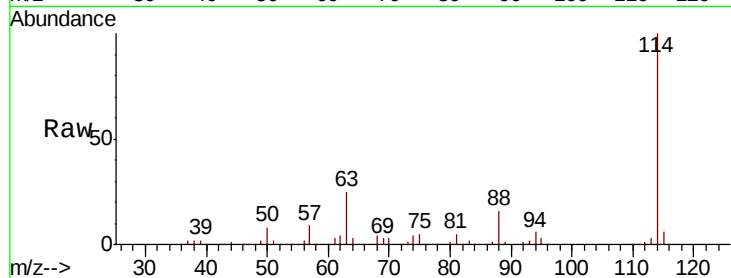




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004754.D
 Acq: 27 Sep 2018 05:32

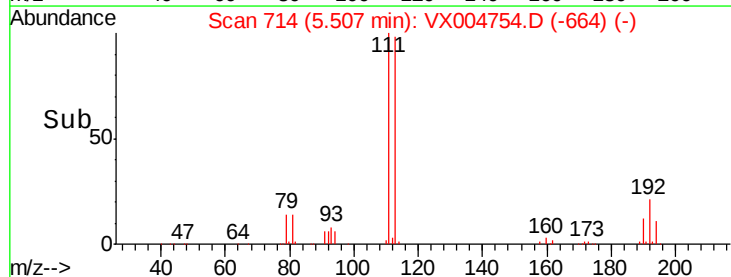
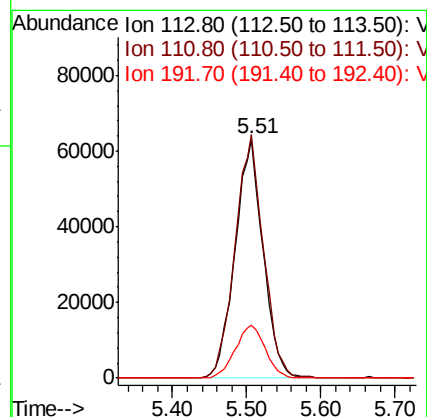
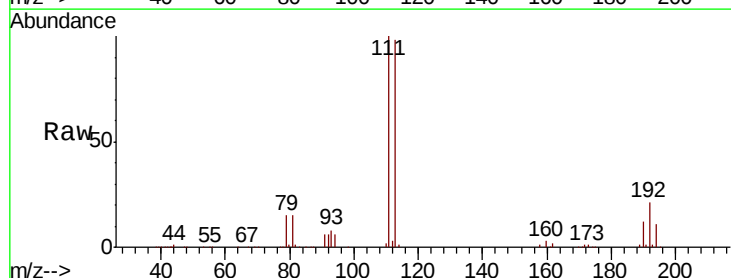
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-091918

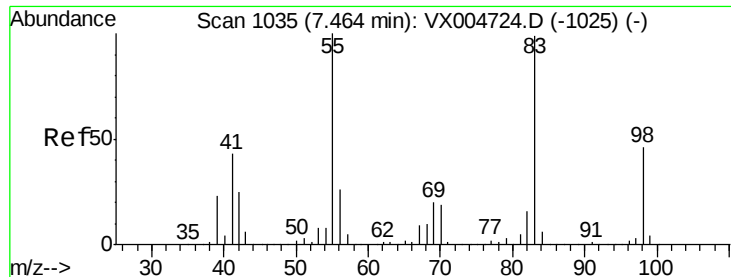
Tot Ion:114 Resp: 433096
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 39.0
 88 15.6 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.342 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004754.D
 Acq: 27 Sep 2018 05:32

Tgt Ion:113 Resp: 166429
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 23.7 19.4 29.2

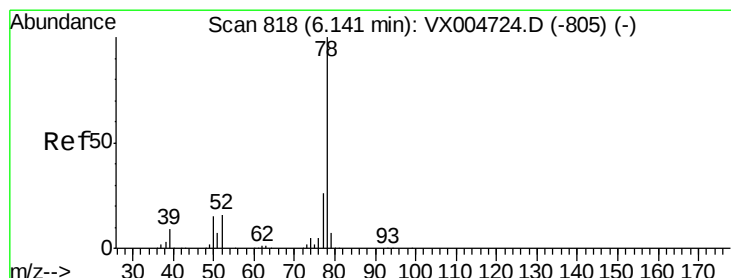
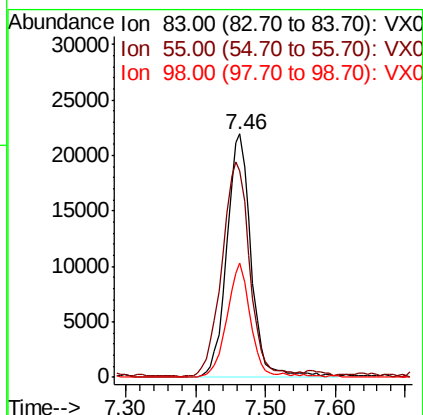
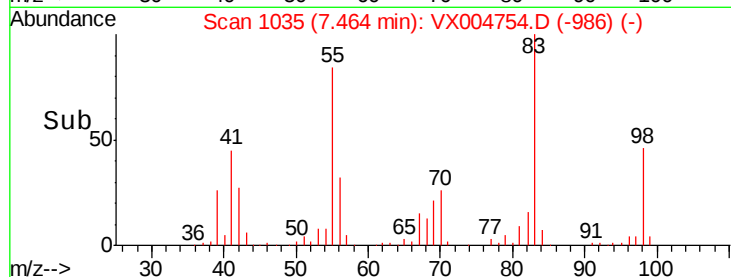
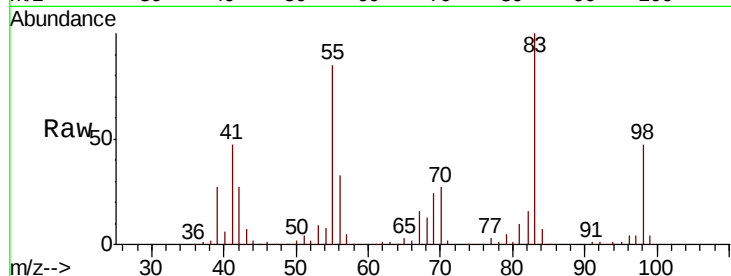




#39
Methvlcvclohexane
Concen: 10.420 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

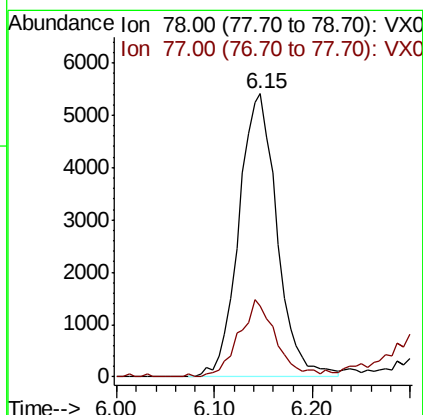
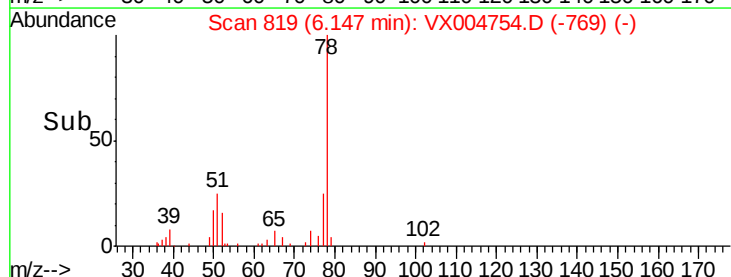
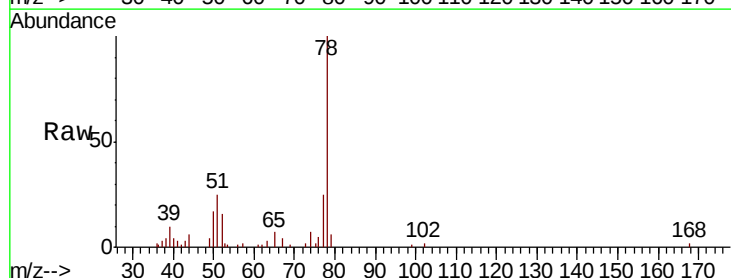
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

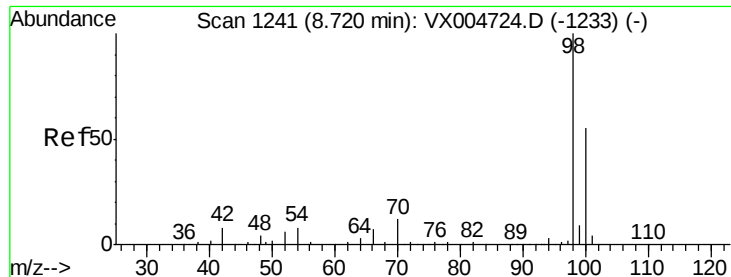
Tot Ion: 83 Resp: 53286
Ion Ratio Lower Upper
83 100
55 84.3 61.0 91.4
98 47.2 39.6 59.4



#40
Benzene
Concen: 0.935 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Tgt Ion: 78 Resp: 14654
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#50

Toluene-d8

Concen: 51.328 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

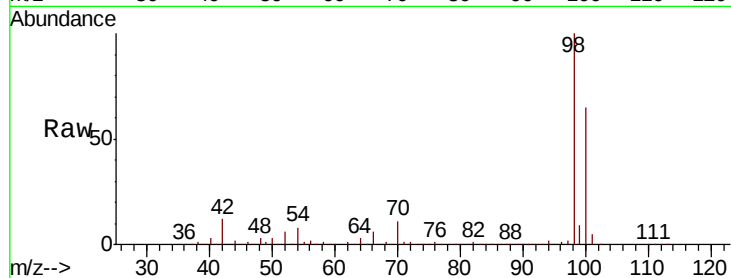
T3-MW-1-9.0-091918

Tot Ion: 98 Resp: 626344

Ion Ratio Lower Upper

98 100

100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

300000

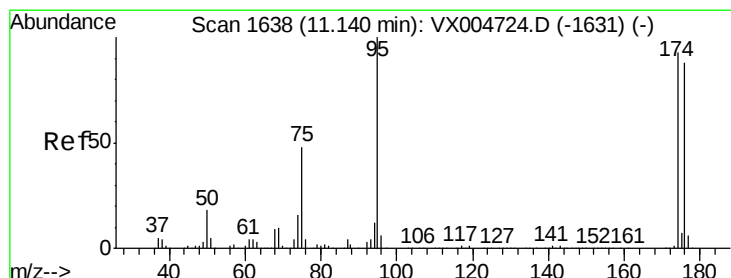
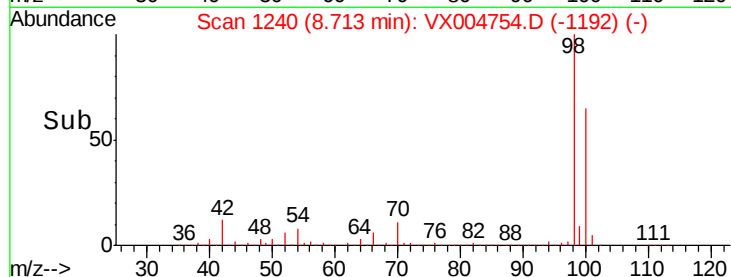
200000

100000

0

Time-->

8.60 8.80 9.00



#62

4-Bromofluorobenzene

Concen: 53.768 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

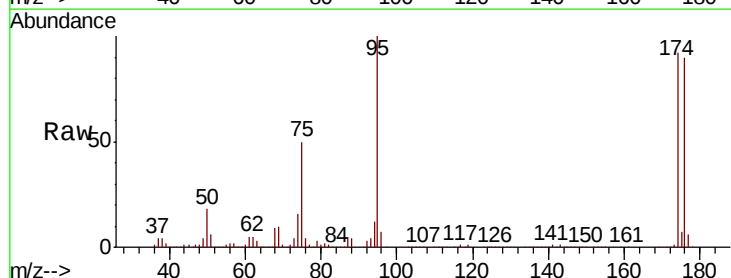
Tgt Ion: 95 Resp: 236370

Ion Ratio Lower Upper

95 100

174 90.2 0.0 185.2

176 87.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

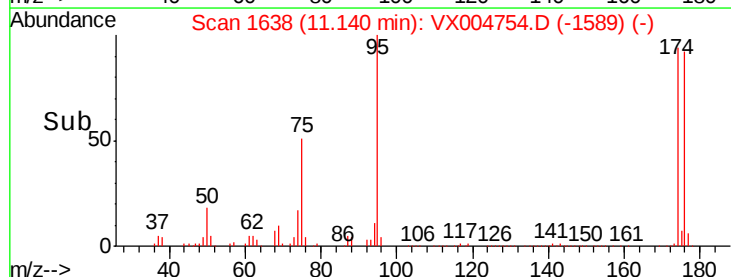
100000

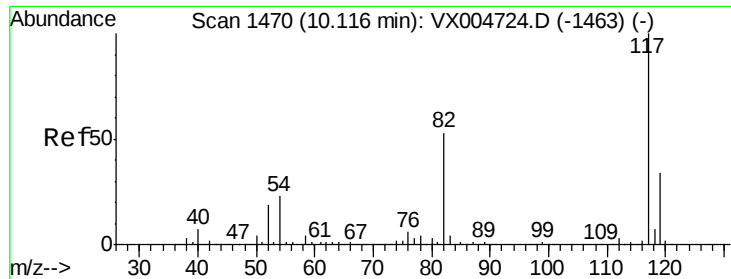
50000

0

Time-->

11.05 11.10 11.15

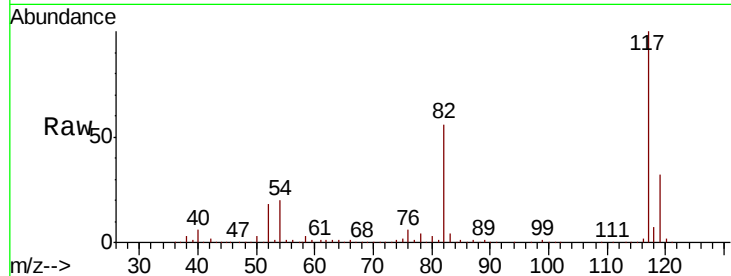




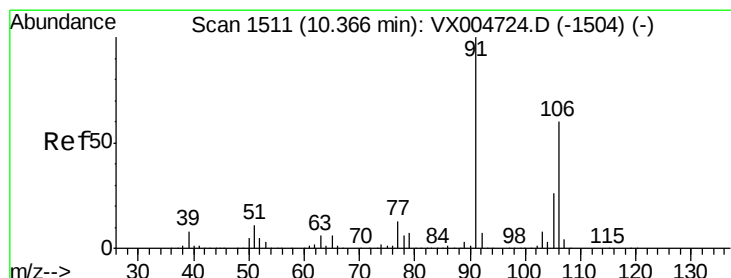
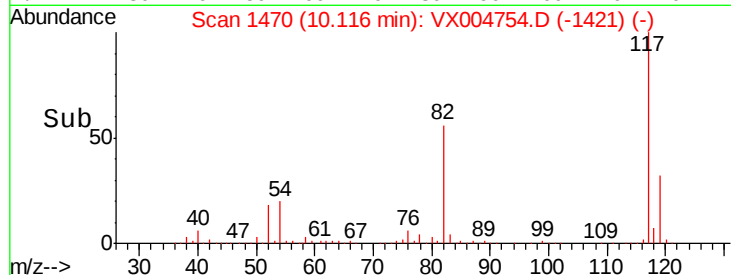
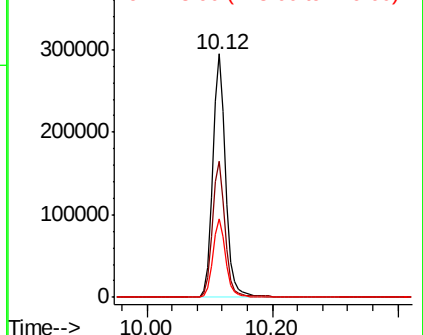
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

Tot Ion:117 Resp: 414808
Ion Ratio Lower Upper
117 100
82 55.7 47.8 71.6
119 32.0 29.3 43.9

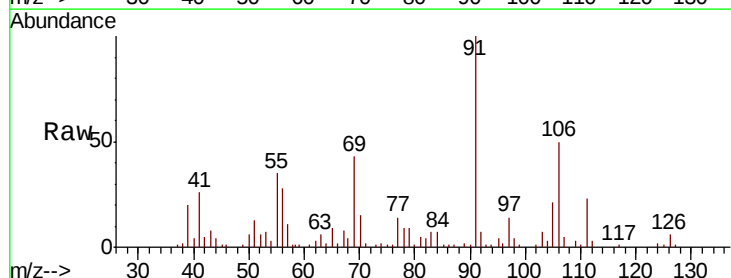


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

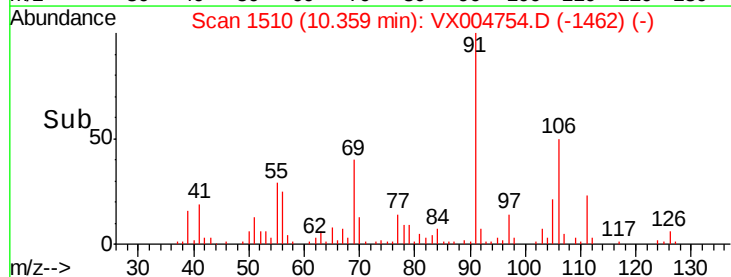
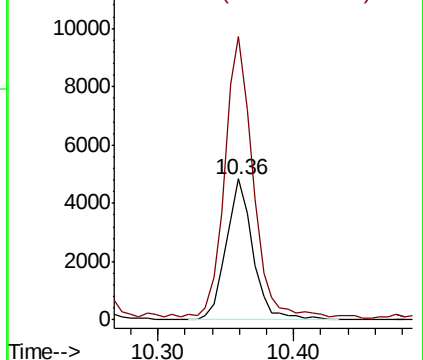


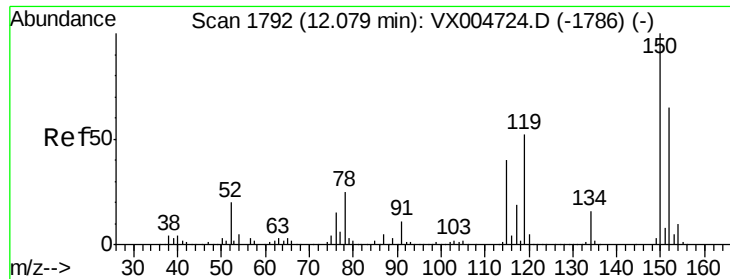
#68
m/p-Xylenes
Concen: 1.000 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Tgt Ion:106 Resp: 6600
Ion Ratio Lower Upper
106 100
91 207.8 157.1 235.7



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



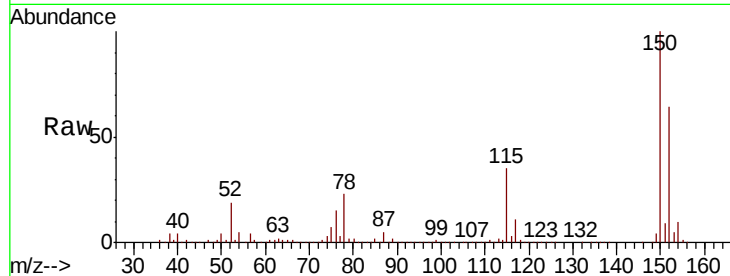


#72

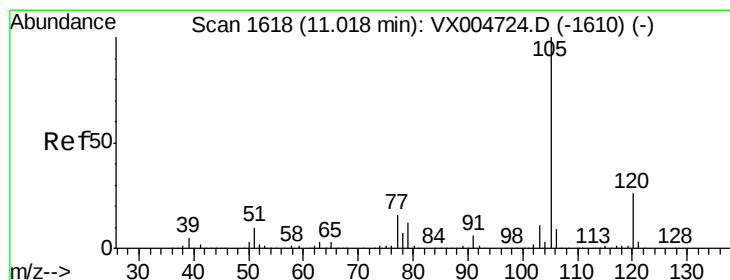
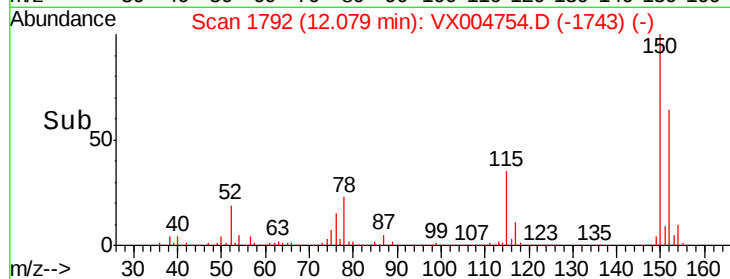
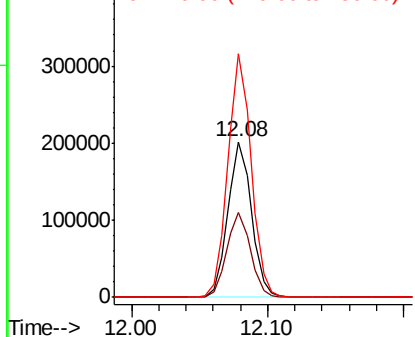
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-1-9.0-091918

Tot Ion:152 Resp: 242491
Ion Ratio Lower Upper
152 100
115 55.0 39.0 117.0
150 155.4 0.0 351.0



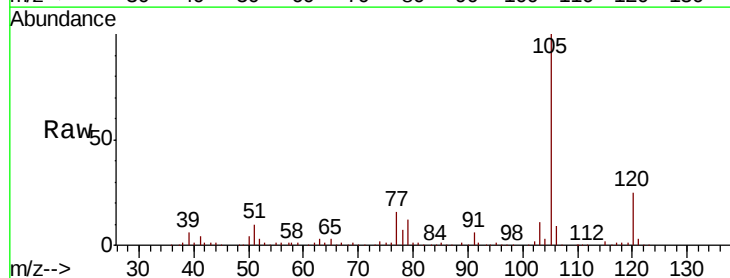
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



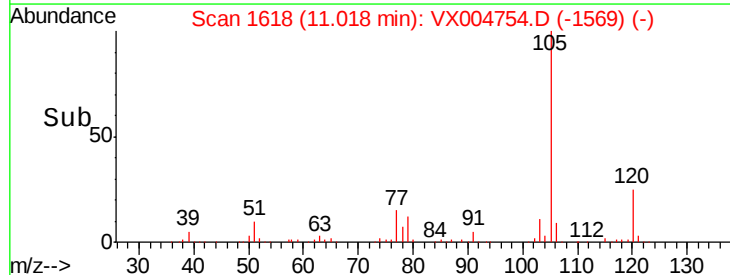
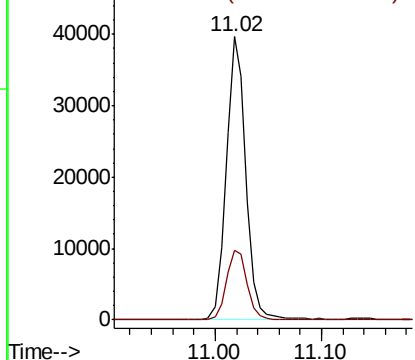
#73

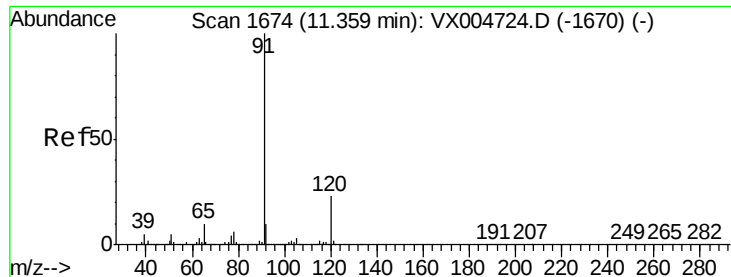
Isopropylbenzene
Concen: 3.321 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004754.D
Acq: 27 Sep 2018 05:32

Tgt Ion:105 Resp: 50753
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



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





#78

n-propylbenzene

Concen: 5.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

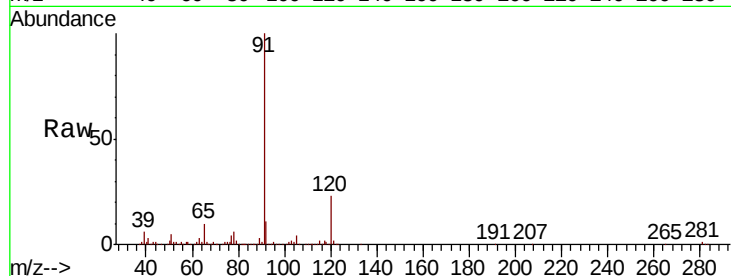
T3-MW-1-9.0-091918

Tot Ion: 91 Resp: 100690

Ion Ratio Lower Upper

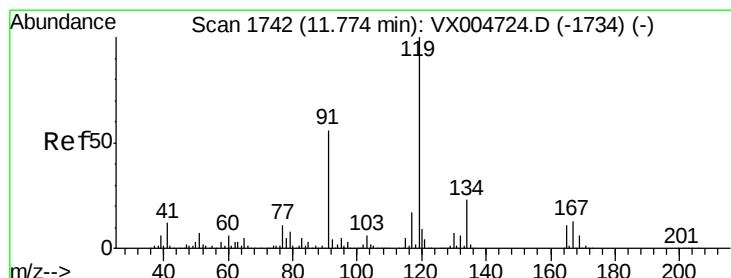
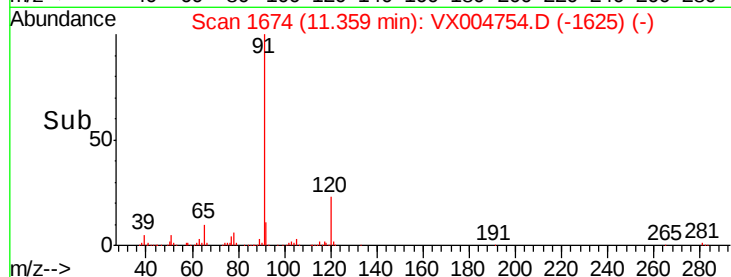
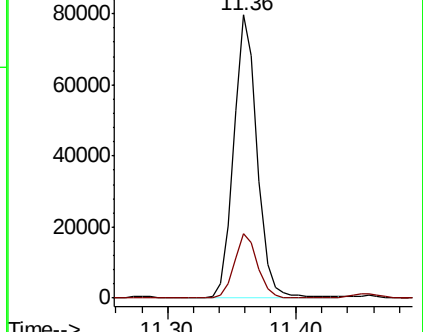
91 100

120 22.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.399 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

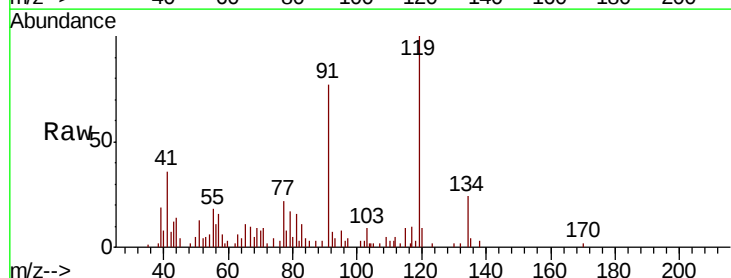
Tgt Ion: 119 Resp: 5019

Ion Ratio Lower Upper

119 100

91 72.7 27.0 81.0

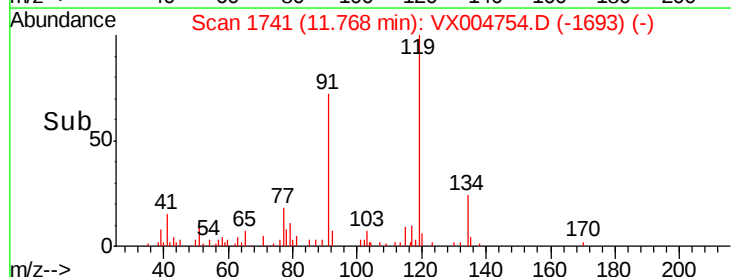
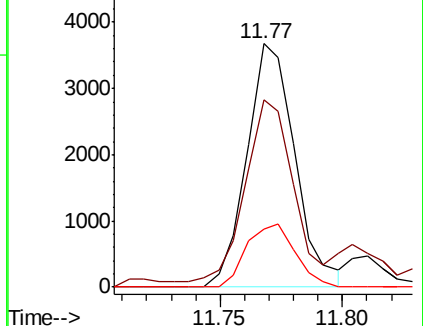
134 26.2 11.7 35.1

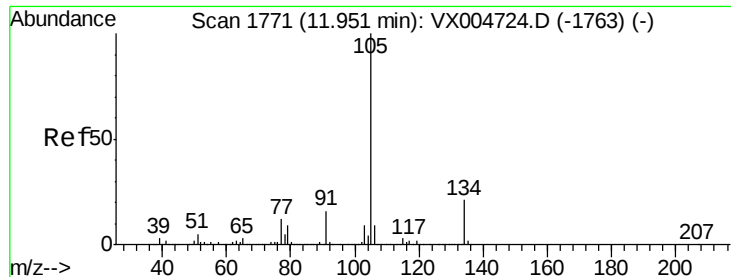


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

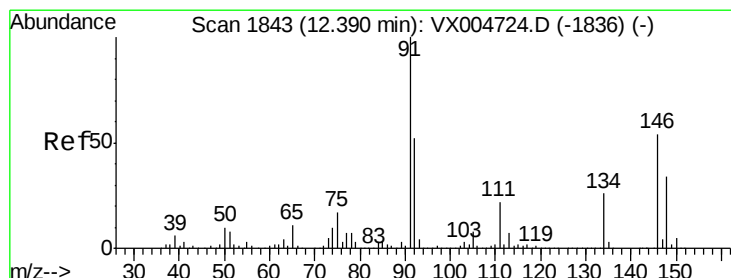
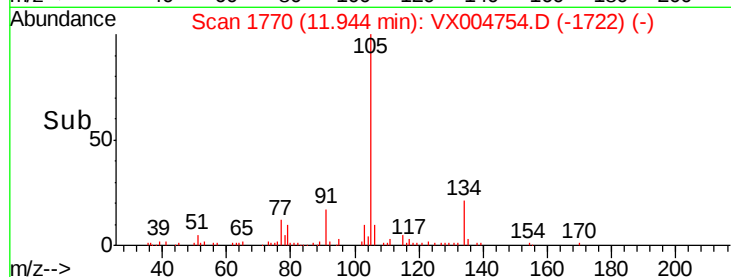
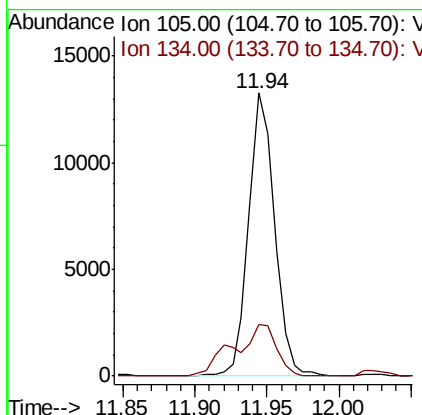
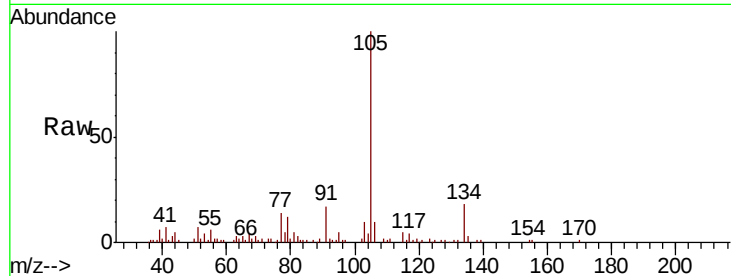




#85
 sec-Butylbenzene
 Concen: 1.079 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004754.D
 Acq: 27 Sep 2018 05:32

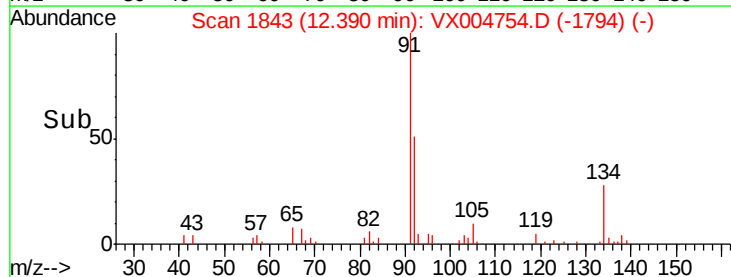
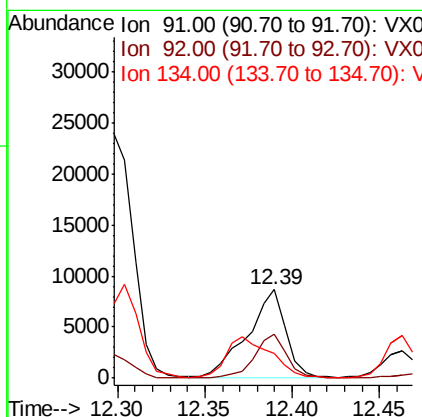
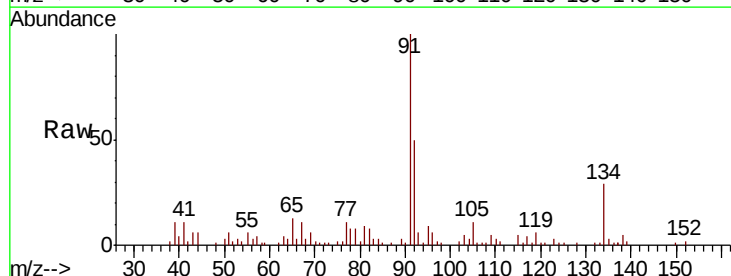
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-1-9.0-091918

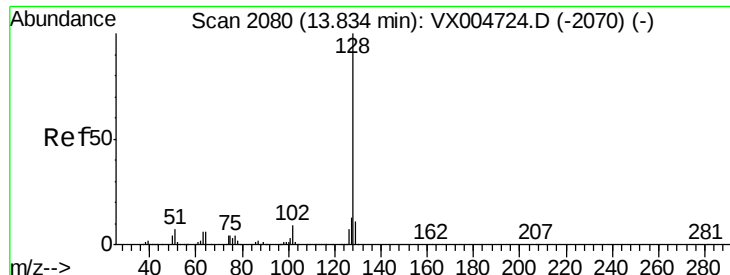
Tot Ion:105 Resp: 16543
 Ion Ratio Lower Upper
 105 100
 134 30.0 10.5 31.5



#89
 n-Butylbenzene
 Concen: 1.028 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004754.D
 Acq: 27 Sep 2018 05:32

Tgt Ion: 91 Resp: 12963
 Ion Ratio Lower Upper
 91 100
 92 42.8 27.3 81.9
 134 56.4 13.6 40.7#





#95

Naphthalene

Concen: 1.441 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004754.D

Acq: 27 Sep 2018 05:32

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-1-9.0-091918

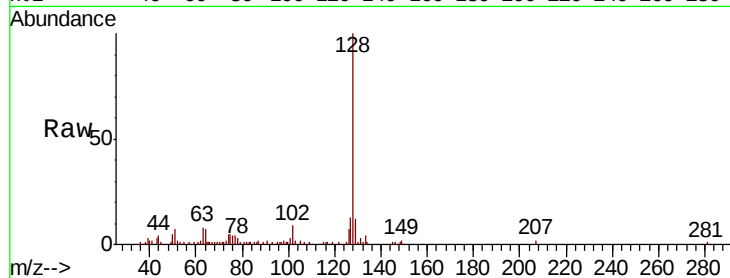
Tot Ion:128 Resp: 14775

Ion Ratio Lower Upper

128 100

127 15.5 10.2 15.2#

129 13.4 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

15000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

