

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003605.D
 Acq On : 23 Jul 2018 15:36
 Operator : JC/SP
 Sample : J4048-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7

Quant Time: Jul 24 10:21:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181529	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	150149	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	5.51	113	137791	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	8.72	98	507071	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	170367	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

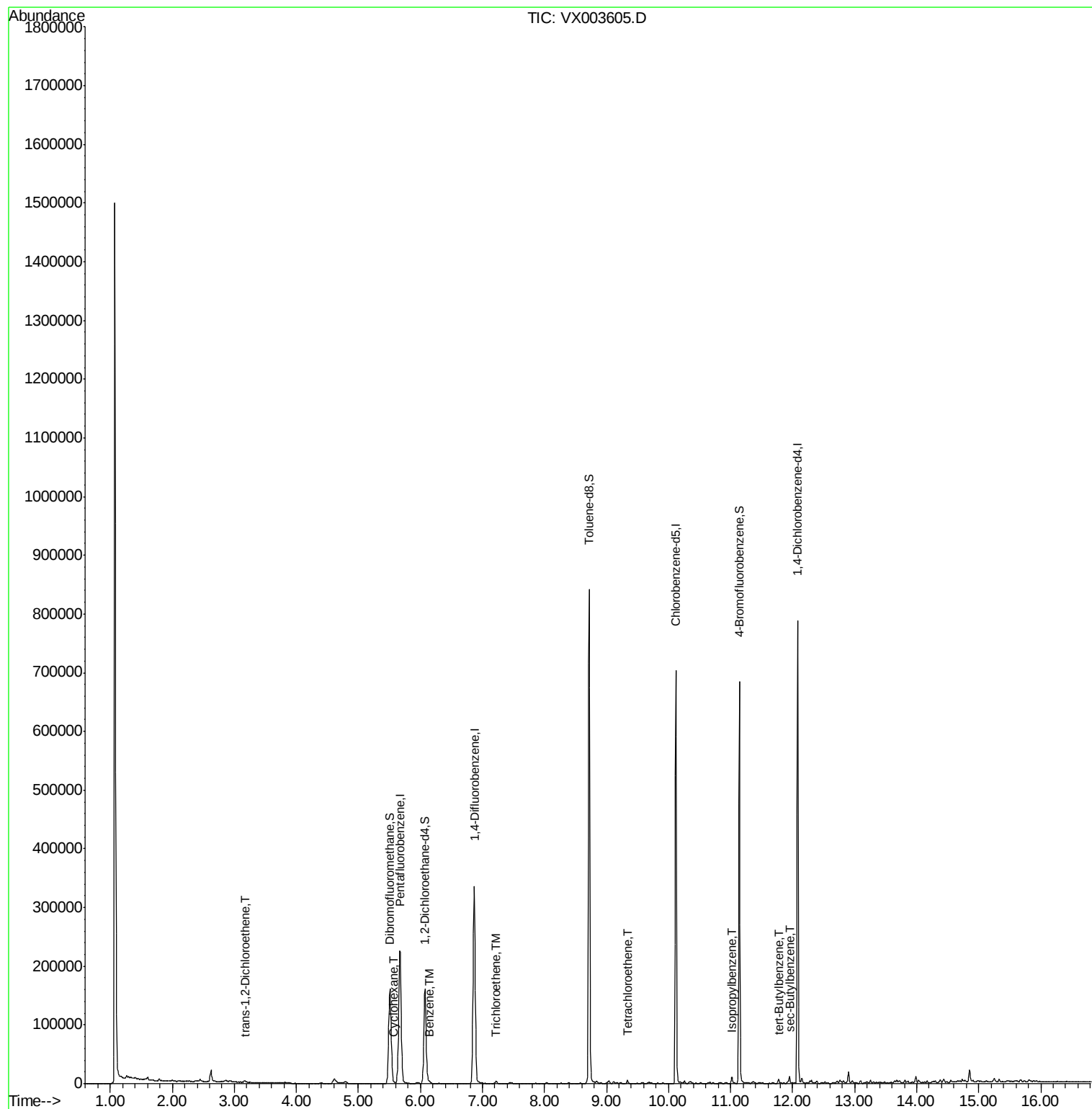
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) trans-1,2-Dichloroethene	3.17	96	816	0.29	ug/l	99
31) Cyclohexane	5.57	56	971	0.22	ug/l #	84
40) Benzene	6.15	78	3014	0.26	ug/l	93
44) Trichloroethene	7.22	130	1550	0.45	ug/l	95
64) Tetrachloroethene	9.34	164	1173	0.29	ug/l #	80
73) Isopropylbenzene	11.02	105	5522	0.44	ug/l	100
83) tert-Butylbenzene	11.77	119	2654	0.26	ug/l	98
85) sec-Butylbenzene	11.95	105	5956	0.49	ug/l	80

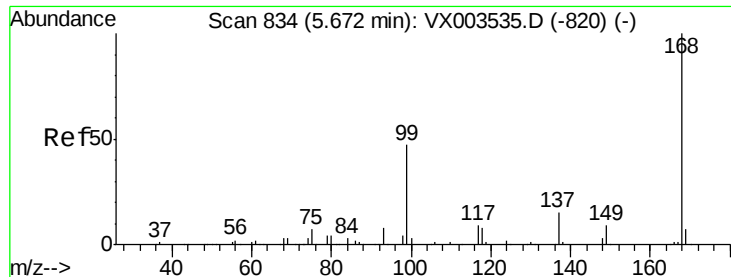
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003605.D
Acq On : 23 Jul 2018 15:36
Operator : JC/SP
Sample : J4048-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7

Quant Time: Jul 24 10:21:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

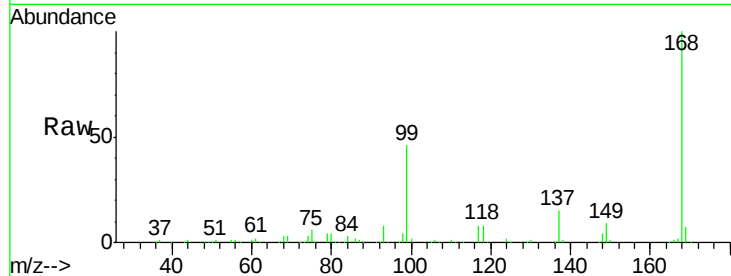
YT-MW-7

Tot Ion:168 Resp: 244056

Ion Ratio Lower Upper

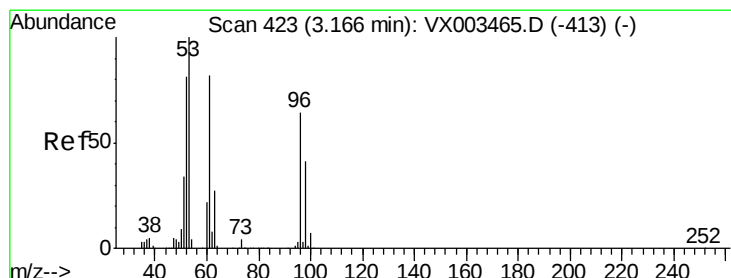
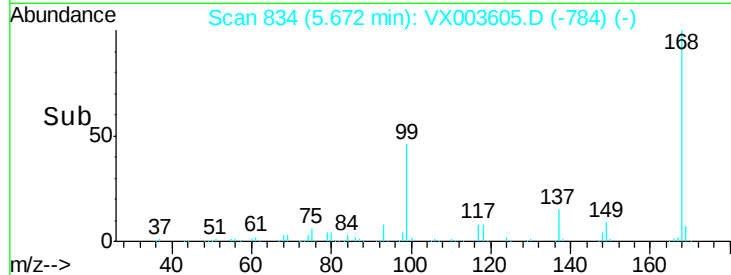
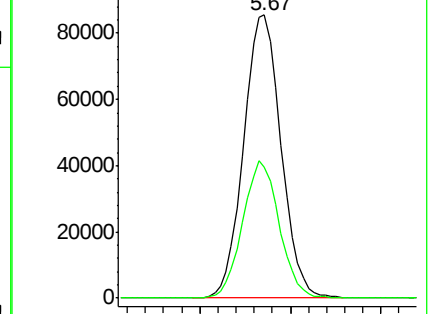
168 100

99 46.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.29 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

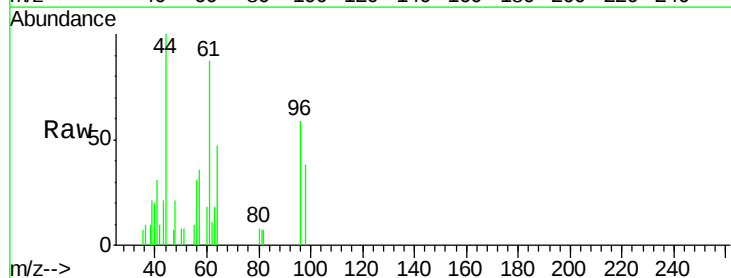
Tgt Ion: 96 Resp: 816

Ion Ratio Lower Upper

96 100

61 147.8 117.0 175.4

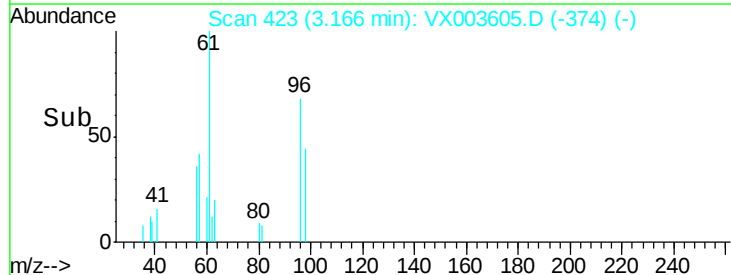
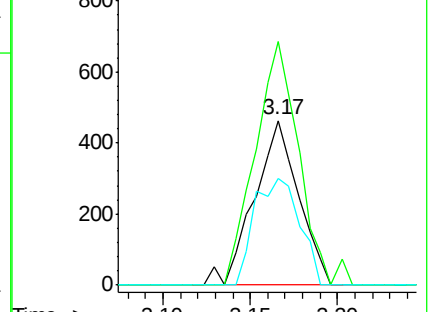
98 64.4 52.4 78.6

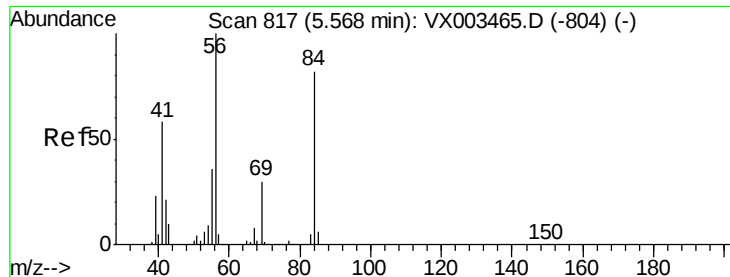


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 0.22 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7

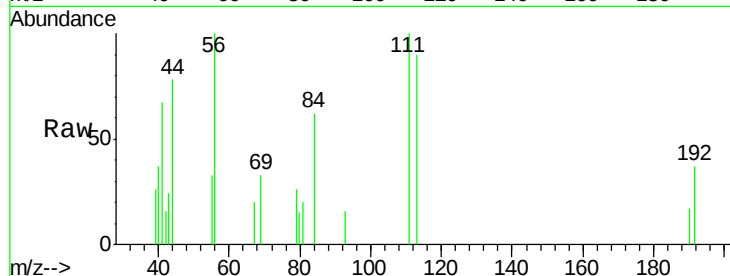
Tot Ion: 56 Resp: 971

Ion Ratio Lower Upper

56 100

69 33.0 23.7 35.5

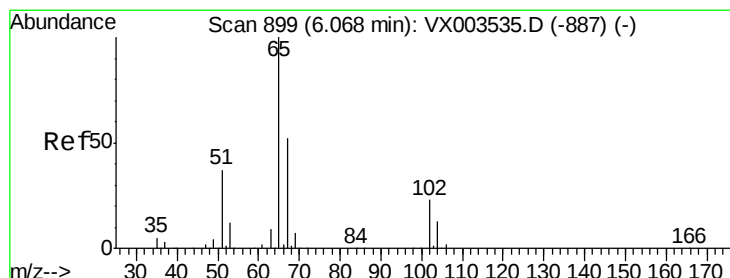
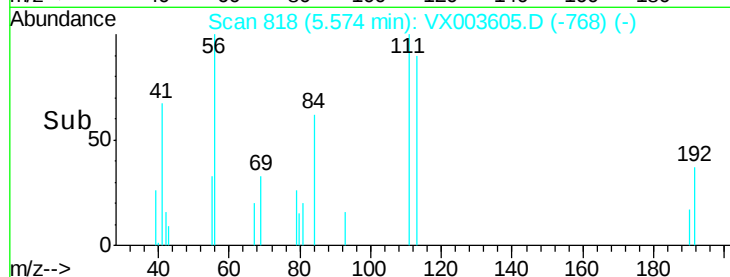
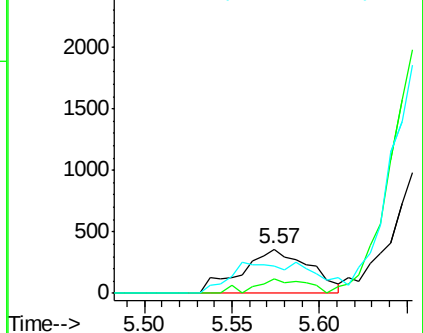
84 62.6 64.1 96.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003605.D

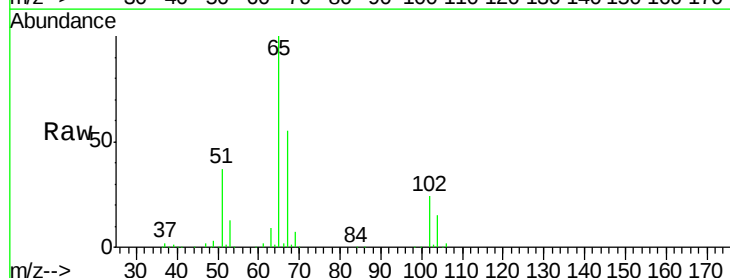
Acq: 23 Jul 2018 15:36

Tgt Ion: 65 Resp: 150149

Ion Ratio Lower Upper

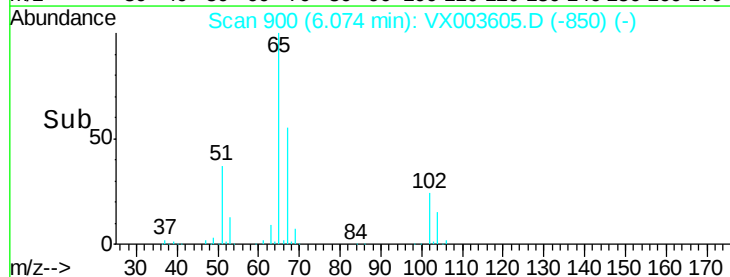
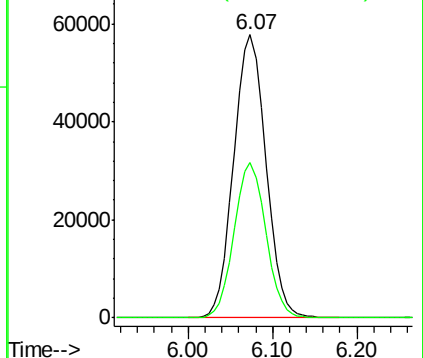
65 100

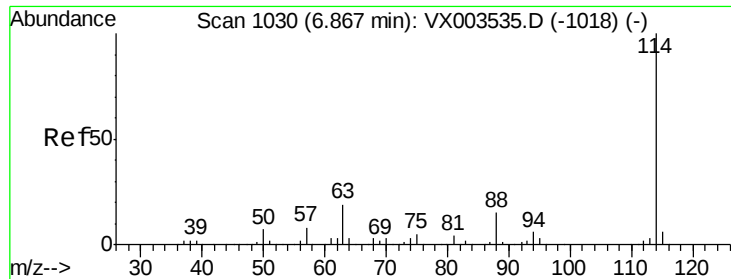
67 53.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

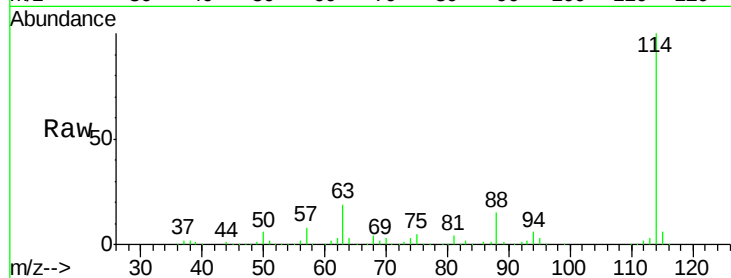




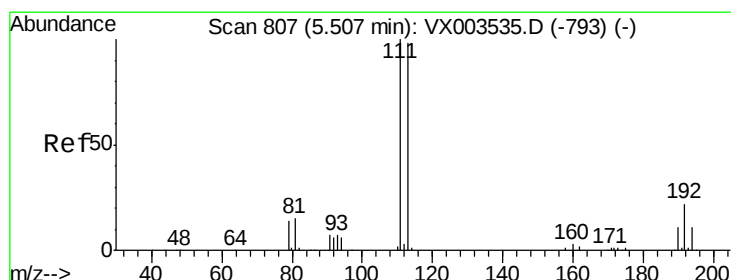
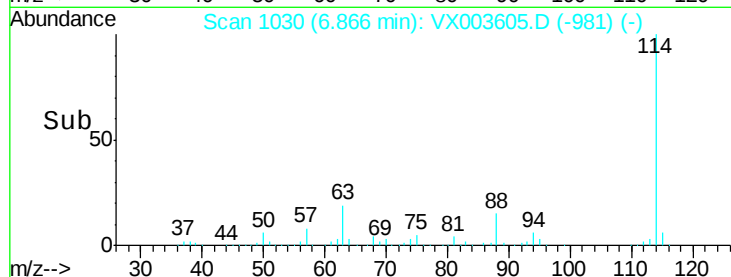
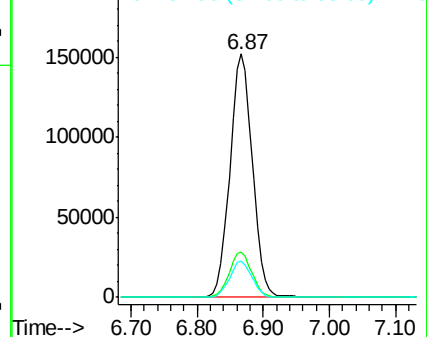
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003605.D
 Acq: 23 Jul 2018 15:36

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7

Tot Ion:114 Resp: 357622
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.1 0.0 30.0

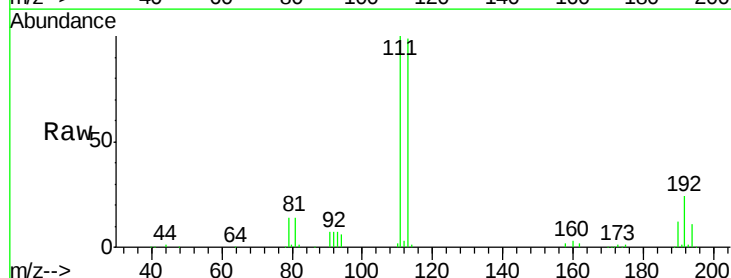


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

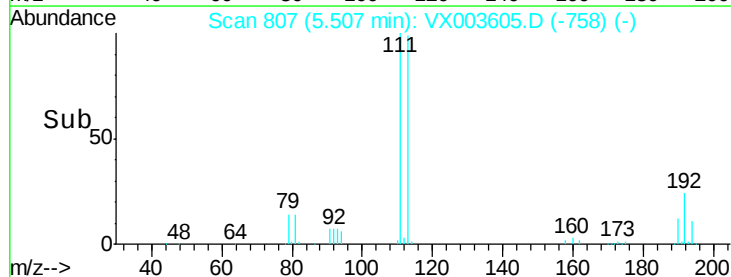
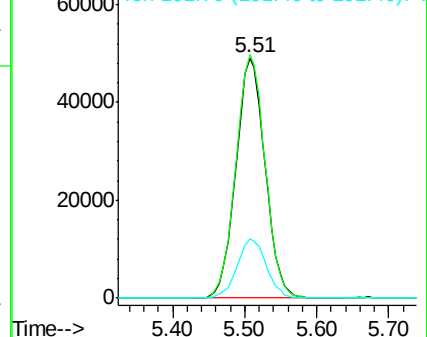


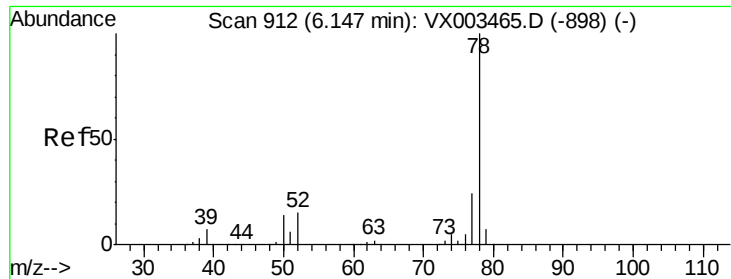
#35
 Dibromofluoromethane
 Concen: 50.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003605.D
 Acq: 23 Jul 2018 15:36

Tgt Ion:113 Resp: 137791
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 24.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

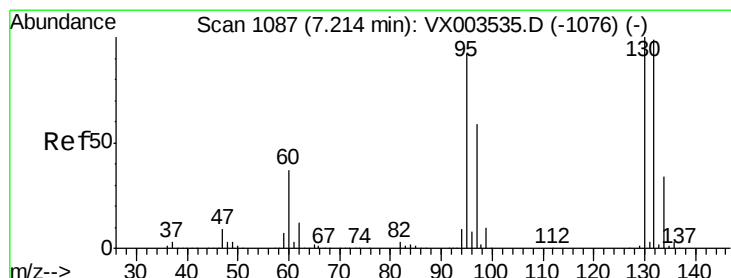
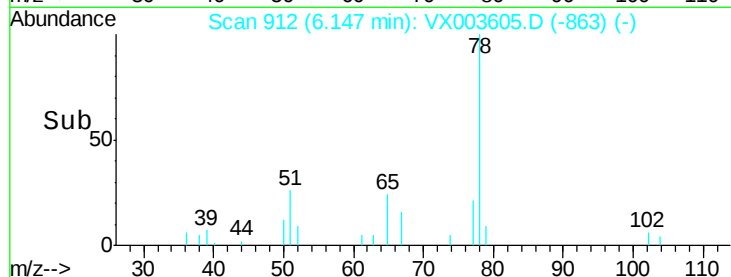
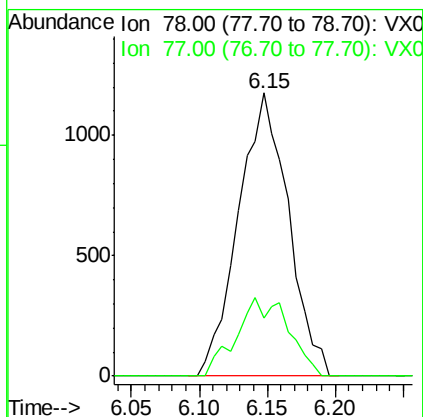
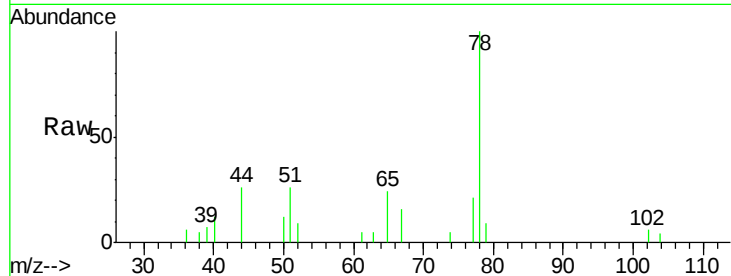




#40
Benzene
Concen: 0.26 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

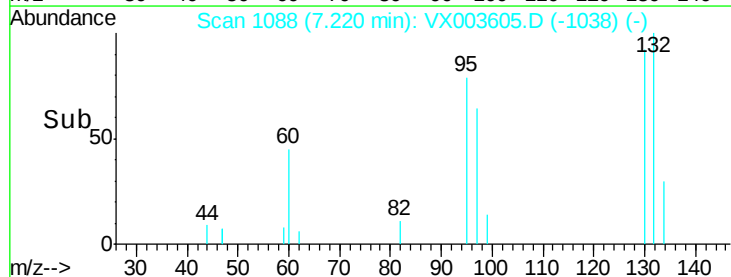
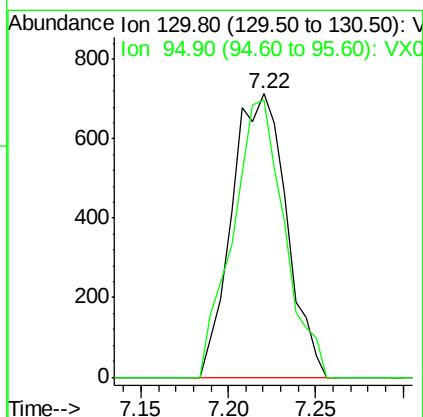
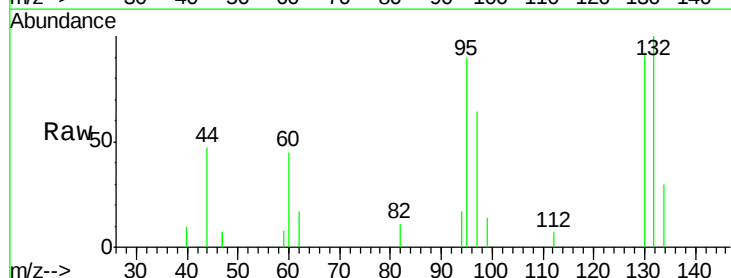
Instrument :
MSVOA_X
ClientSampled :
YT-MW-7

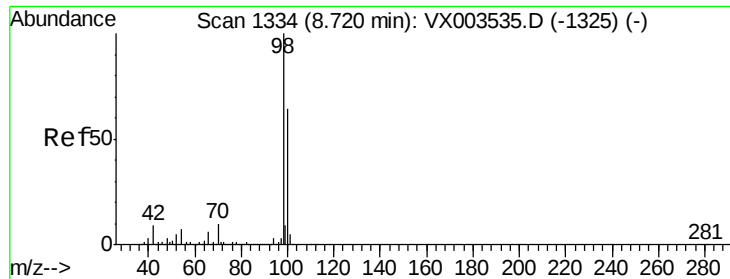
Tot Ion: 78 Resp: 3014
Ion Ratio Lower Upper
78 100
77 20.5 19.1 28.7



#44
Trichloroethene
Concen: 0.45 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

Tgt Ion:130 Resp: 1550
Ion Ratio Lower Upper
130 100
95 97.8 0.0 185.4





#50

Toluene-d8

Concen: 49.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

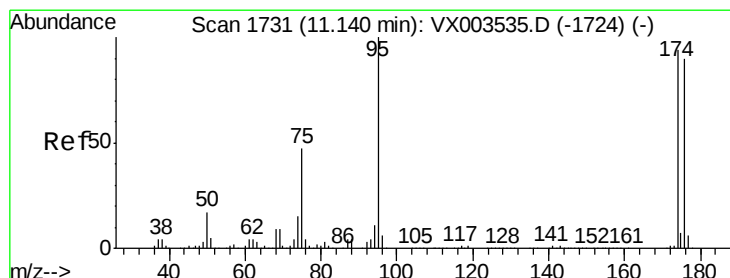
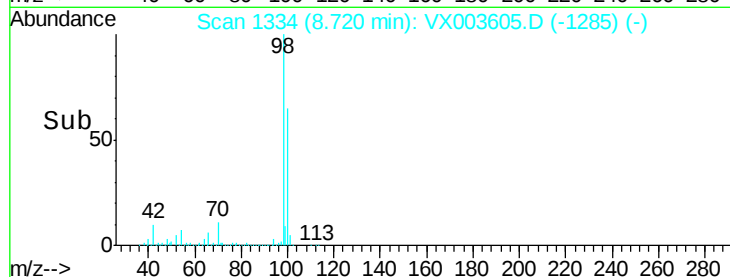
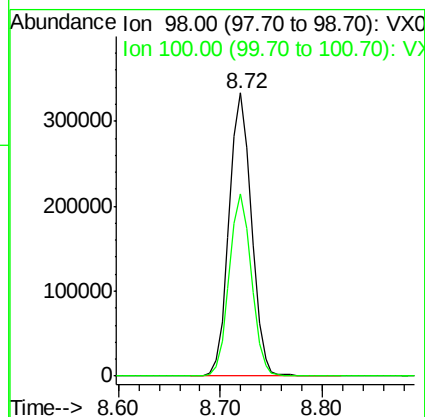
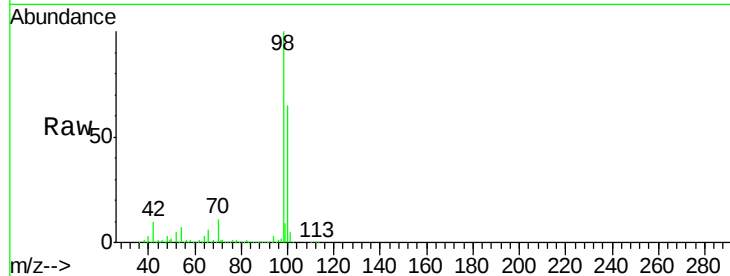
YT-MW-7

Tot Ion: 98 Resp: 507071

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

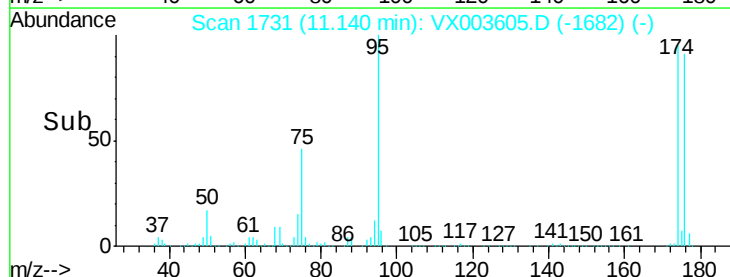
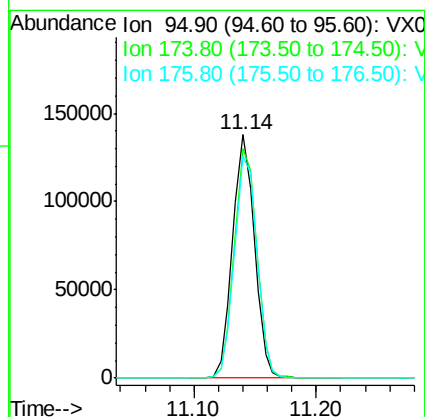
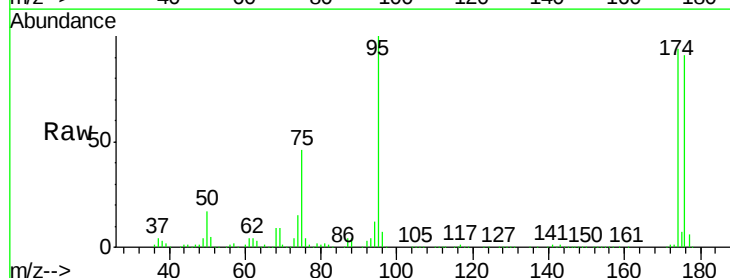
Tgt Ion: 95 Resp: 170367

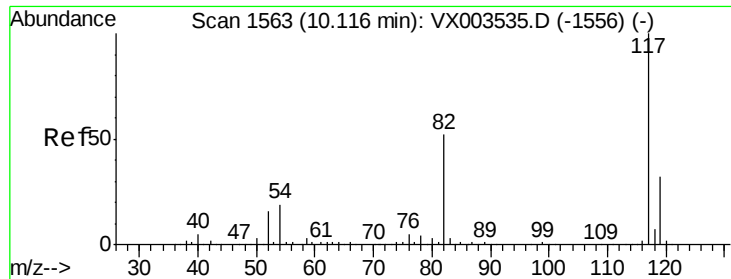
Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

176 93.9 0.0 181.0

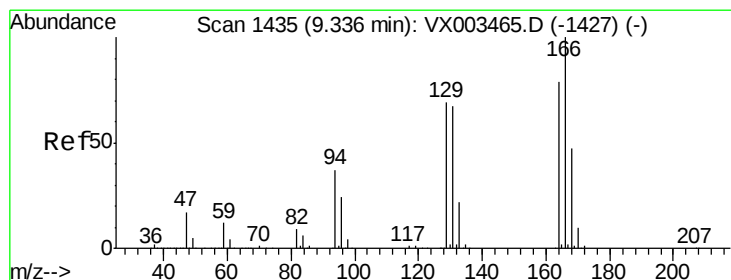
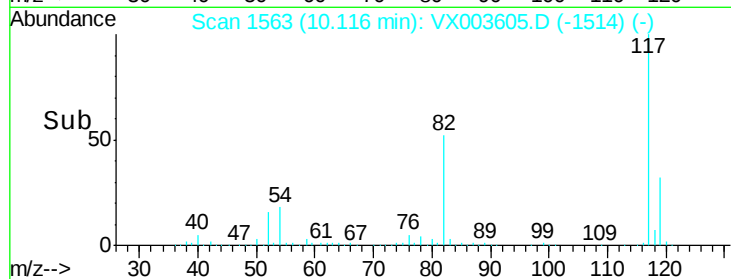
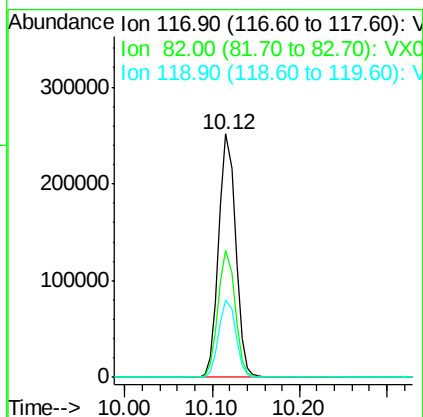
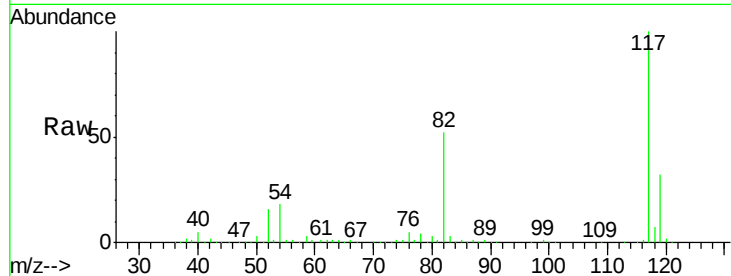




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

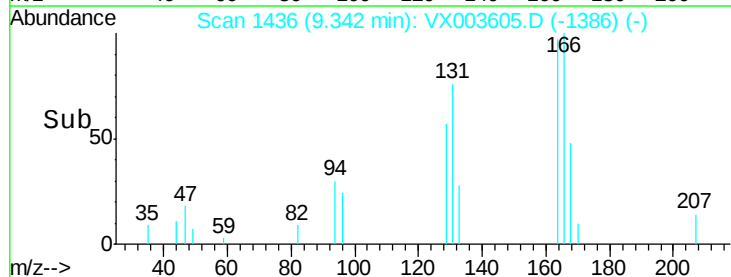
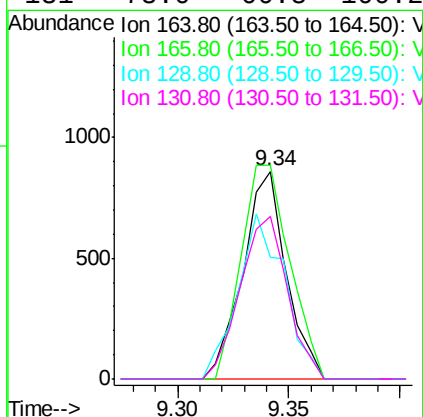
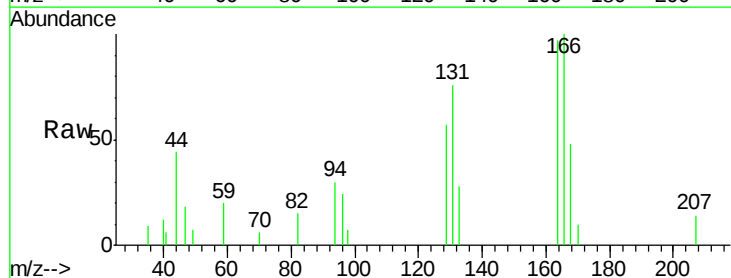
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7

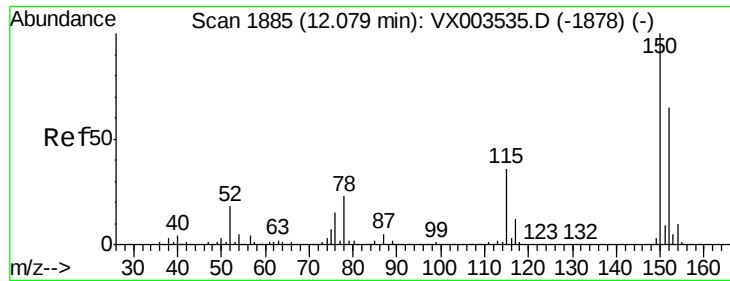
Tot Ion:117 Resp: 337165
Ion Ratio Lower Upper
117 100
82 52.2 45.0 67.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

Tgt Ion:164 Resp: 1173
Ion Ratio Lower Upper
164 100
166 102.8 102.9 154.3#
129 58.5 68.6 102.8#
131 78.0 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003605.D

Acq: 23 Jul 2018 15:36

Instrument :

MSVOA_X

ClientSampled :

YT-MW-7

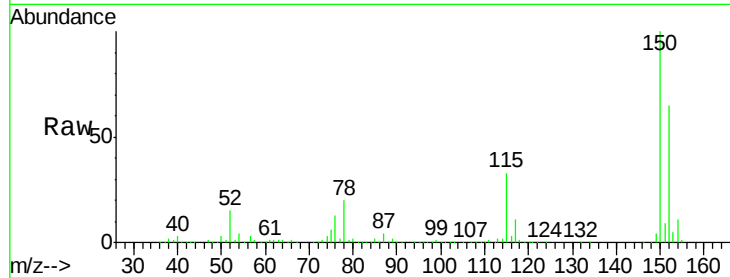
Tot Ion:152 Resp: 181529

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

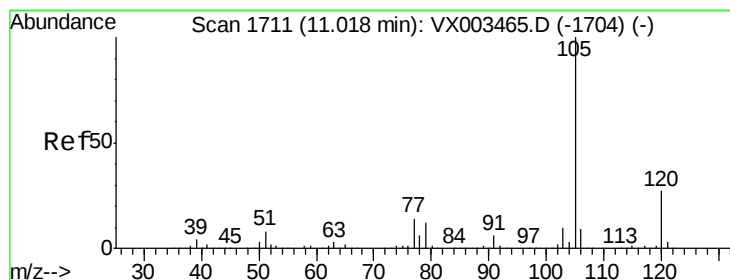
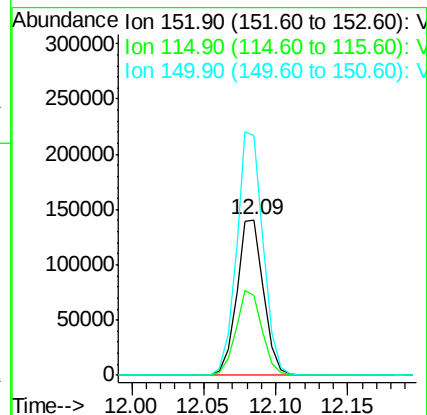
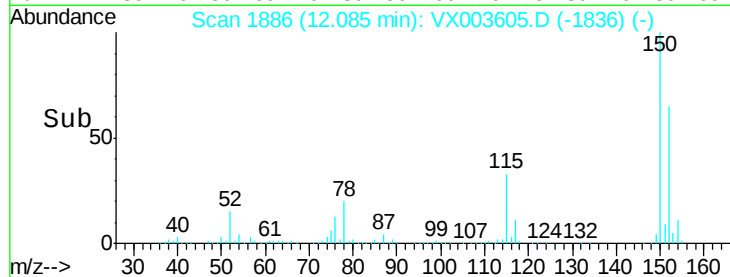
150 156.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003605.D

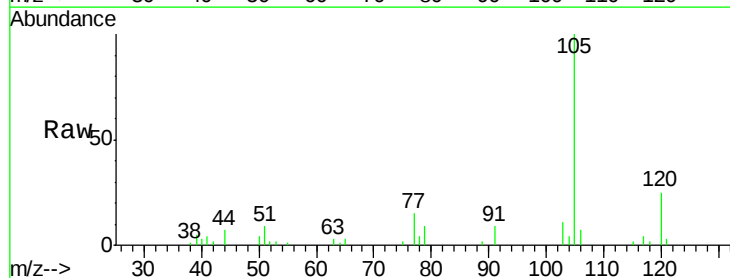
Acq: 23 Jul 2018 15:36

Tgt Ion:105 Resp: 5522

Ion Ratio Lower Upper

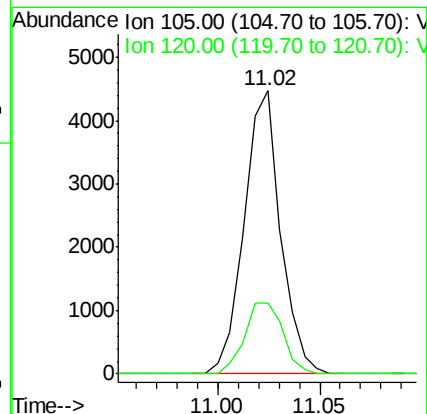
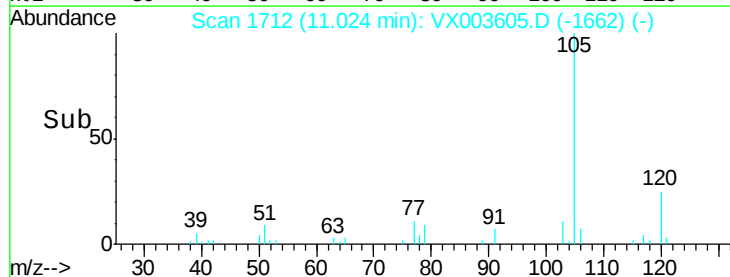
105 100

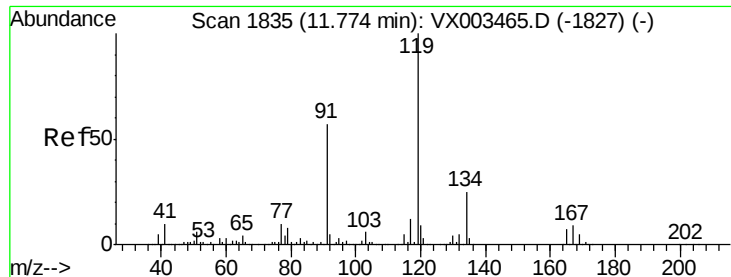
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

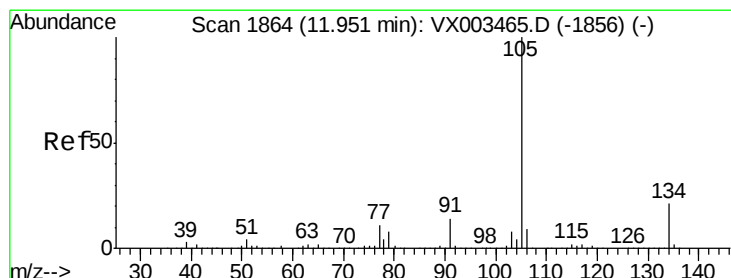
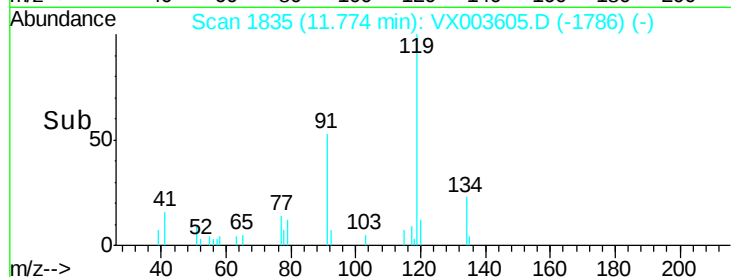
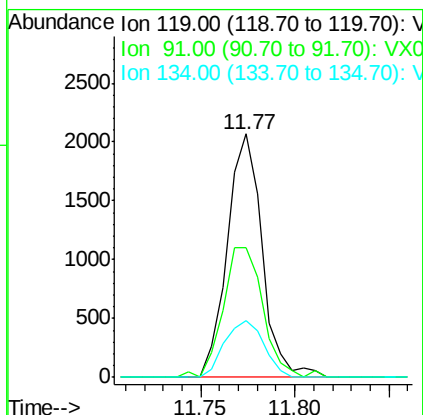
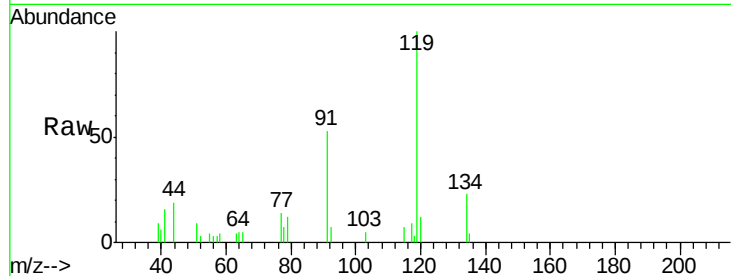




#83
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7

Tot Ion:119 Resp: 2654
Ion Ratio Lower Upper
119 100
91 61.4 30.3 90.9
134 25.9 11.7 35.1



#85
sec-Butylbenzene
Concen: 0.49 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003605.D
Acq: 23 Jul 2018 15:36

Tgt Ion:105 Resp: 5956
Ion Ratio Lower Upper
105 100
134 30.0 10.4 31.1

