

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060618\
 Data File : VX002358.D
 Acq On : 06 Jun 2018 17:42
 Operator : JC/MD
 Sample : J3312-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-17

Quant Time: Jun 07 04:44:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176771	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	159485	47.41	ug/l	0.00
Spiked Amount						
			Recovery	=	94.82%	
35) Dibromofluoromethane	5.51	113	119610	44.64	ug/l	0.00
Spiked Amount						
			Recovery	=	89.28%	
50) Toluene-d8	8.72	98	483511	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.14	95	171069	43.19	ug/l	0.00
Spiked Amount						
			Recovery	=	86.38%	

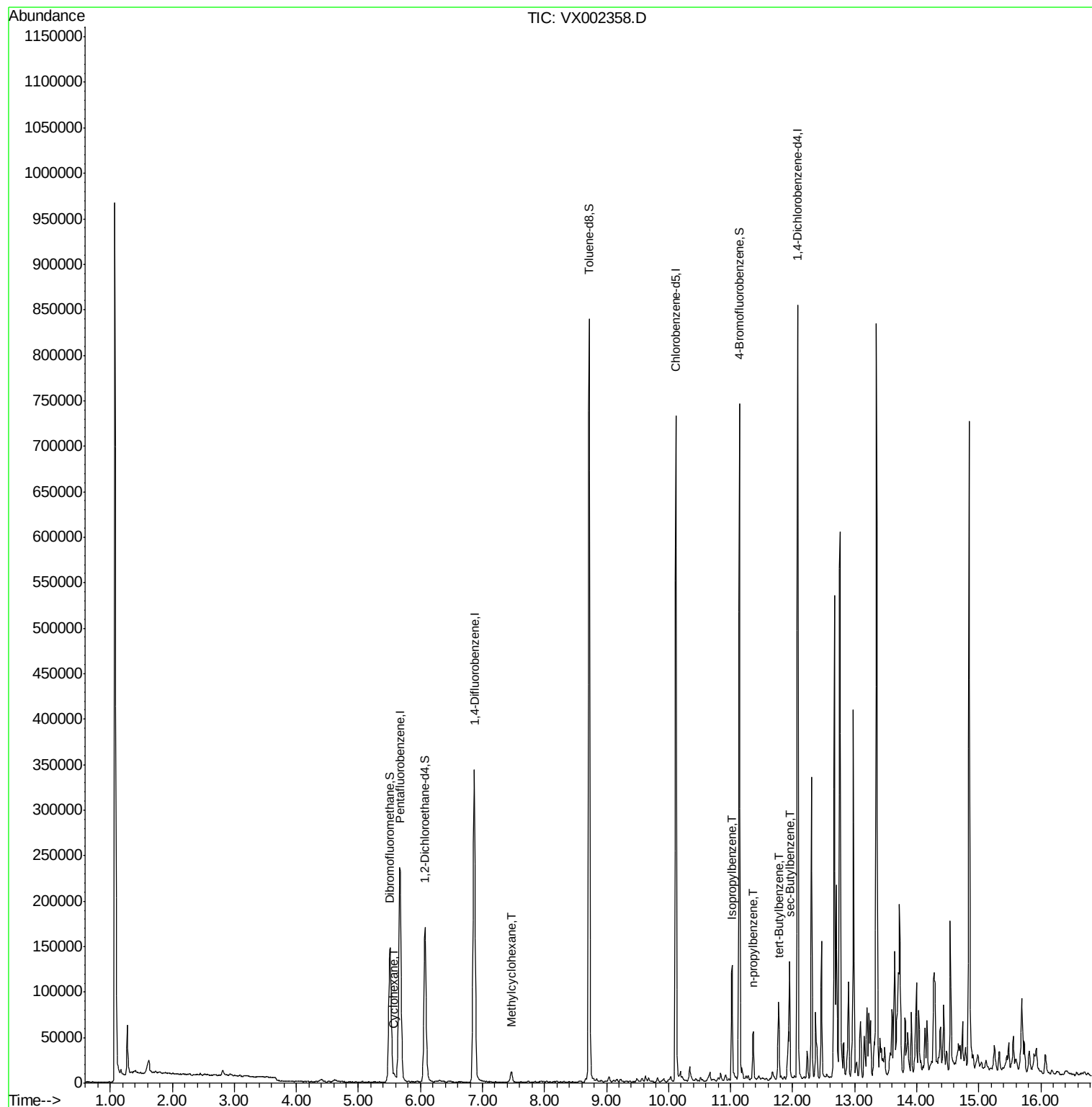
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	5049	1.19	ug/l	95
39) Methylcyclohexane	7.47	83	4536	1.28	ug/l #	82
73) Isopropylbenzene	11.02	105	62751	5.10	ug/l	100
78) n-propylbenzene	11.37	91	31432	2.30	ug/l	98
83) tert-Butylbenzene	11.77	119	30095	2.93	ug/l	95
85) sec-Butylbenzene	11.95	105	62520	5.19	ug/l	81

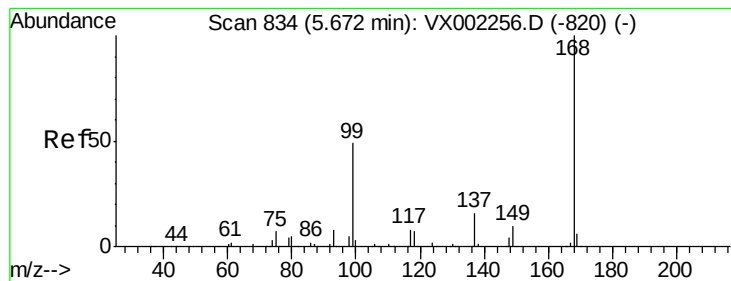
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060618\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-17

Quant Time: Jun 07 04:44:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

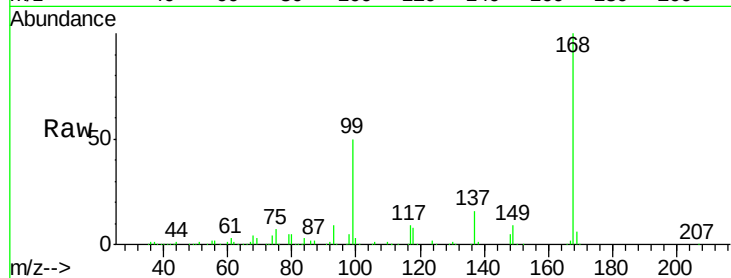
Instrument :
MSVOA_X
ClientSampleId :
W-17

Tot Ion:168 Resp: 234373

Ion Ratio Lower Upper

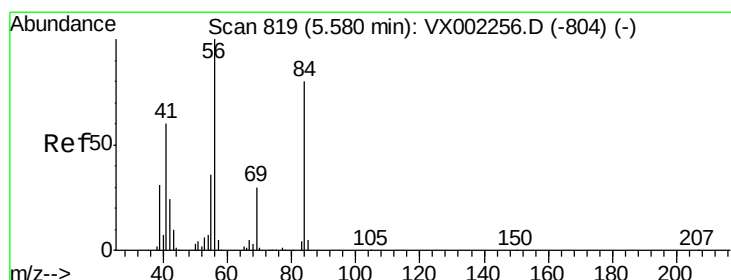
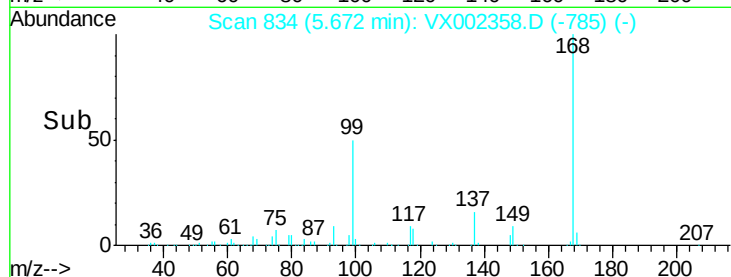
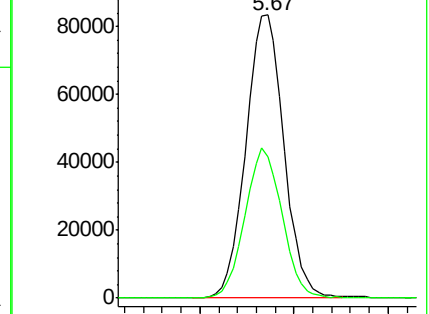
168 100

99 50.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

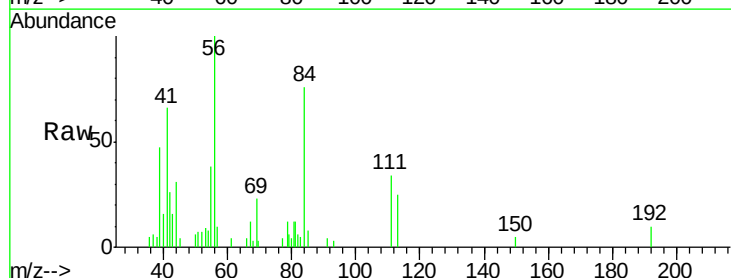
Tgt Ion: 56 Resp: 5049

Ion Ratio Lower Upper

56 100

69 26.2 23.7 35.5

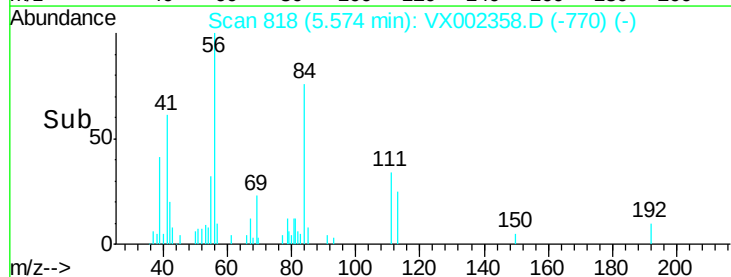
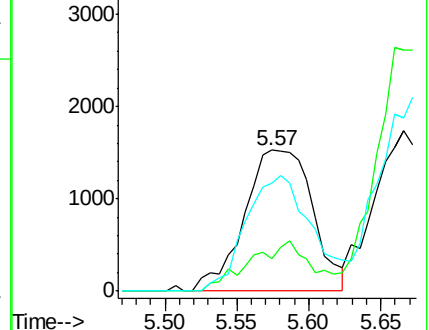
84 76.3 64.1 96.1

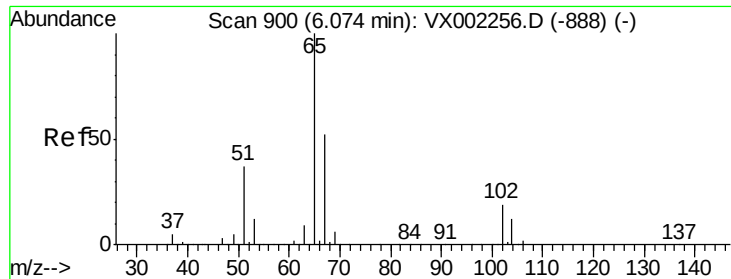


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

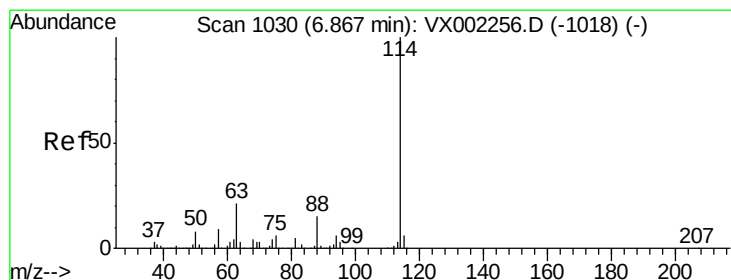
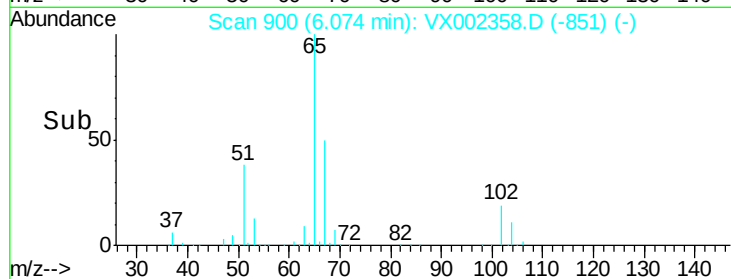
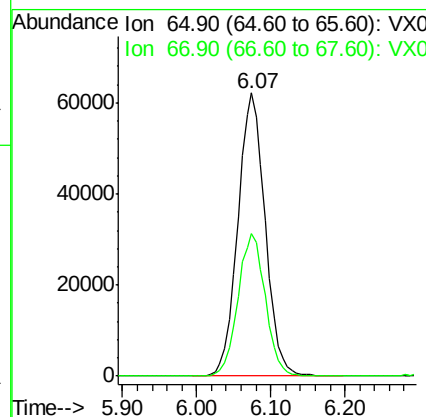
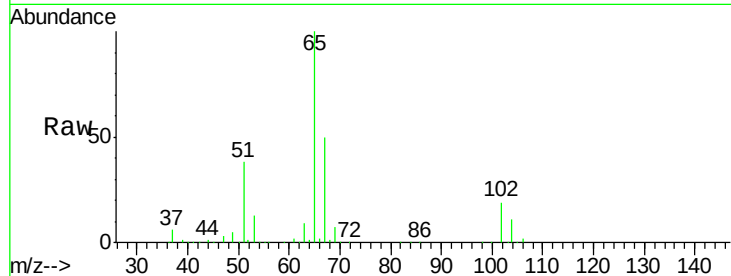




#33
 1,2-Dichloroethane-d4
 Concen: 47.41 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002358.D
 Acq: 06 Jun 2018 17:42

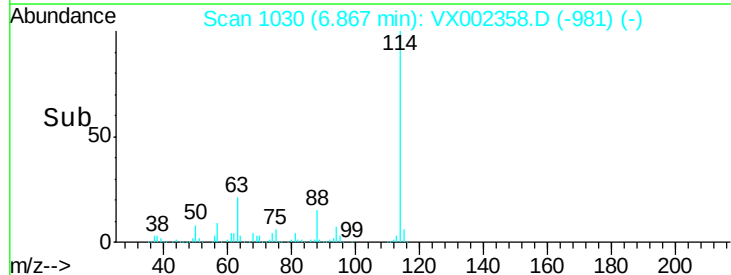
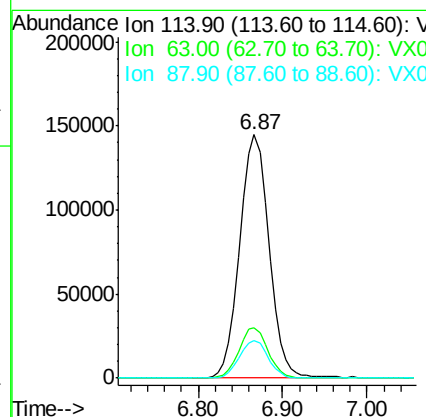
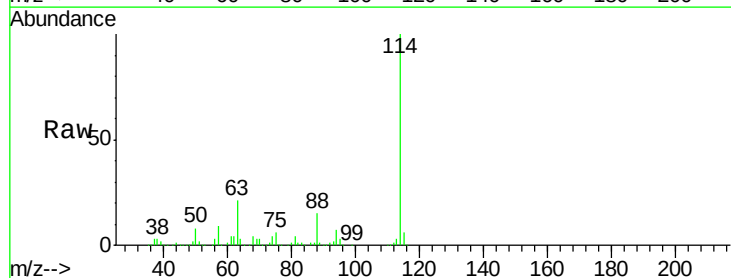
Instrument :
 MSVOA_X
 ClientSampleId :
 W-17

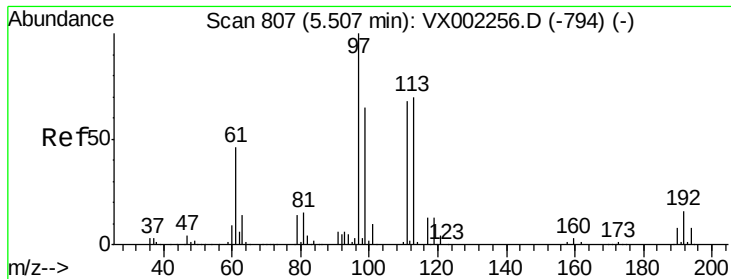
Tot Ion: 65 Resp: 159485
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002358.D
 Acq: 06 Jun 2018 17:42

Tgt Ion: 114 Resp: 340732
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.64 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

Instrument :

MSVOA_X

ClientSampled :

W-17

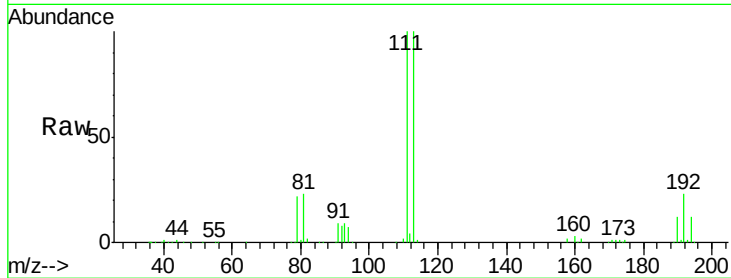
Tot Ion:113 Resp: 119610

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

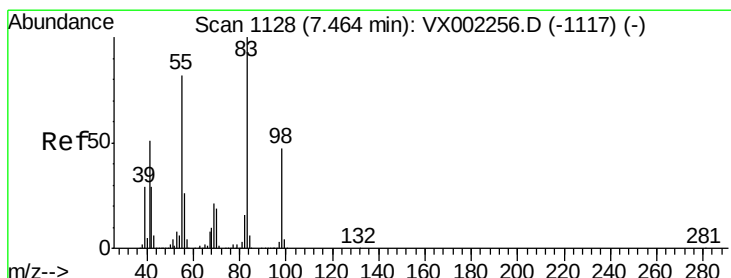
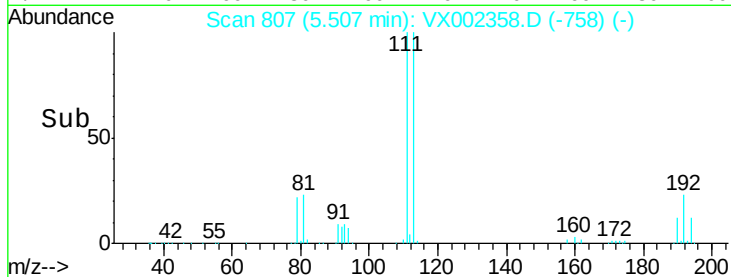
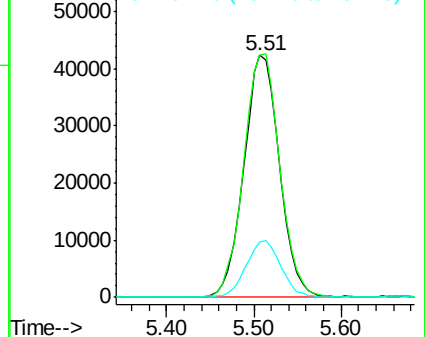
192 23.1 19.1 28.7



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



#39

Methylcyclohexane

Concen: 1.28 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

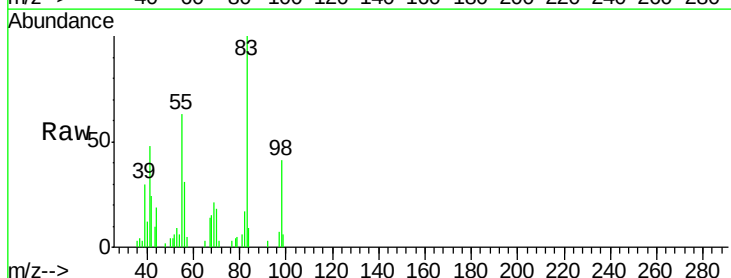
Tgt Ion: 83 Resp: 4536

Ion Ratio Lower Upper

83 100

55 60.3 65.4 98.0#

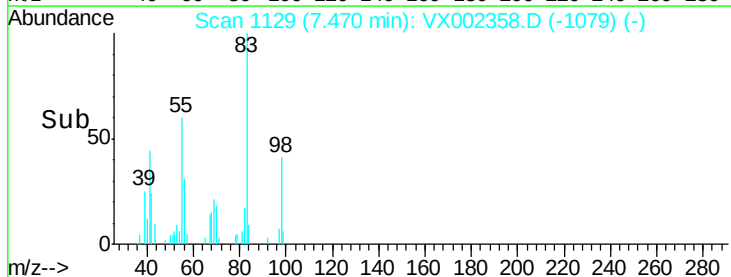
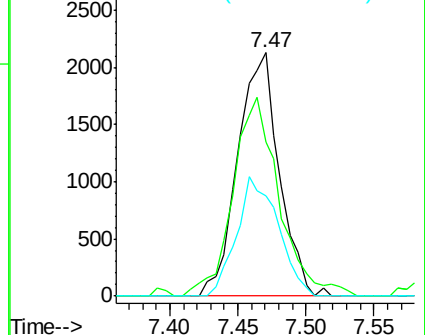
98 41.3 37.4 56.0

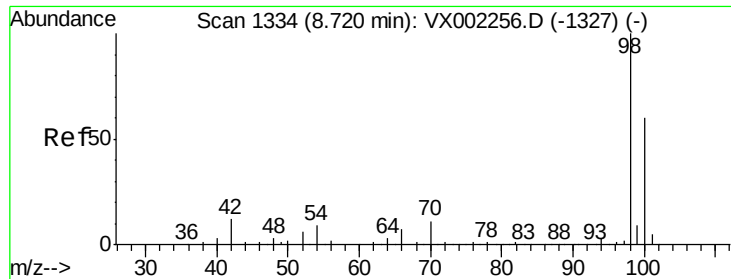


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

Instrument :

MSVOA_X

ClientSampleId :

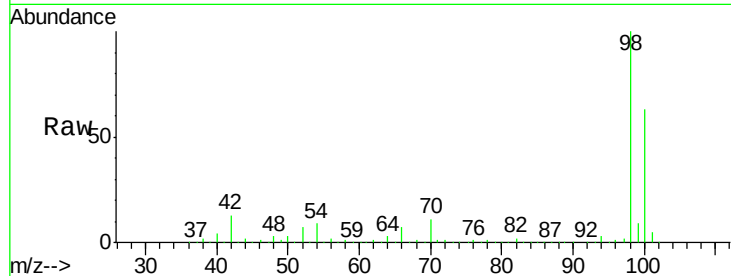
W-17

Tot Ion: 98 Resp: 483511

Ion Ratio Lower Upper

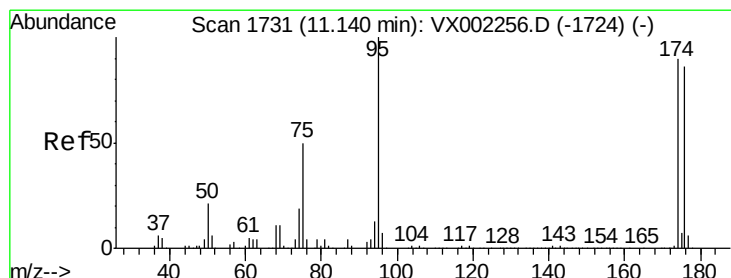
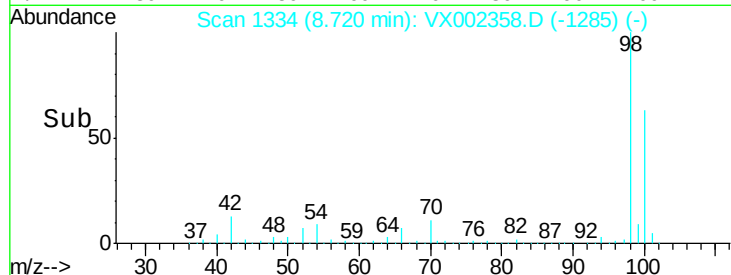
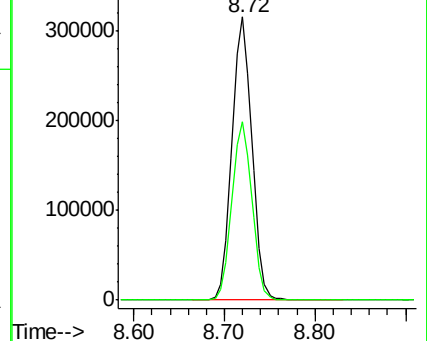
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

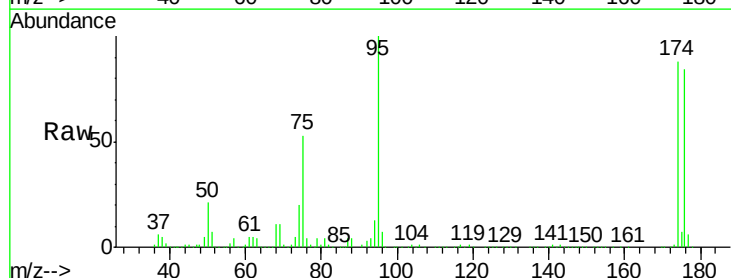
Tgt Ion: 95 Resp: 171069

Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.4

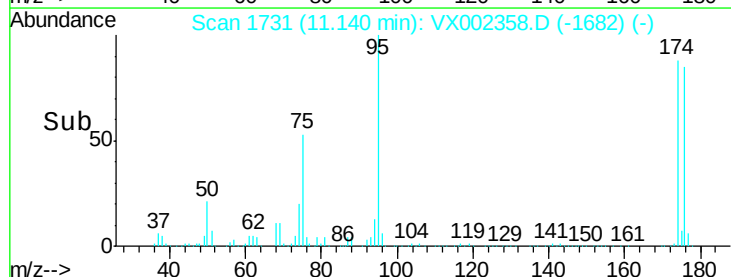
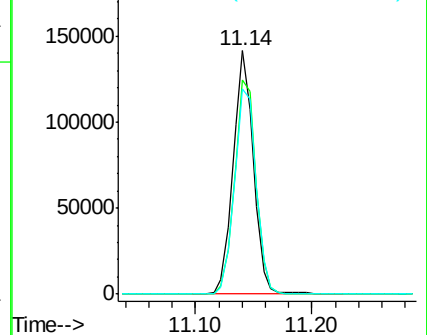
176 90.5 0.0 181.0

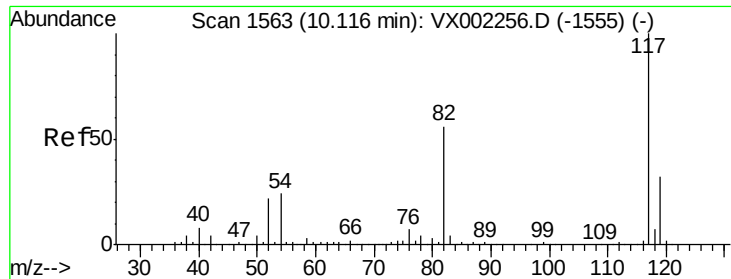


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

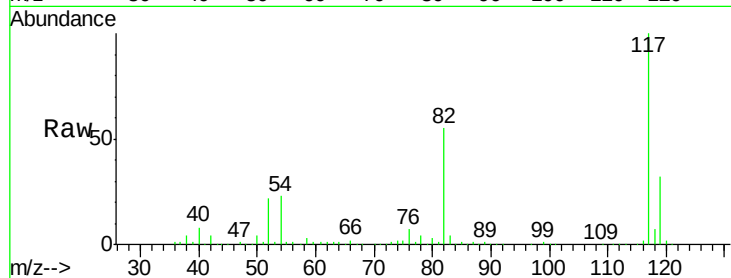




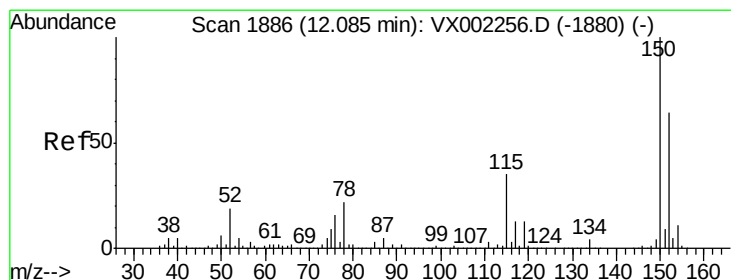
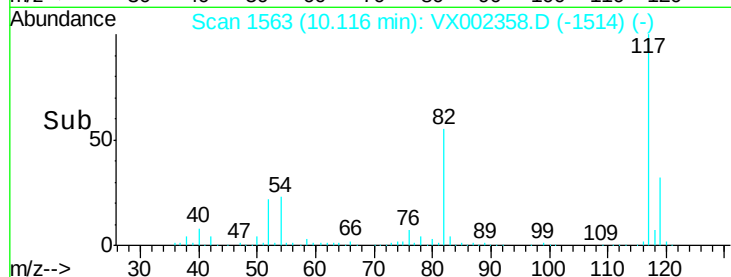
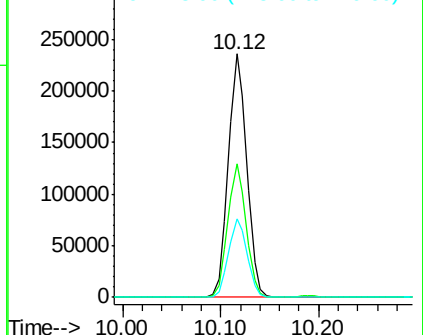
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002358.D
Acq: 06 Jun 2018 17:42

Instrument :
MSVOA_X
ClientSampleId :
W-17

Tot Ion:117 Resp: 309725
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.0 25.8 38.6

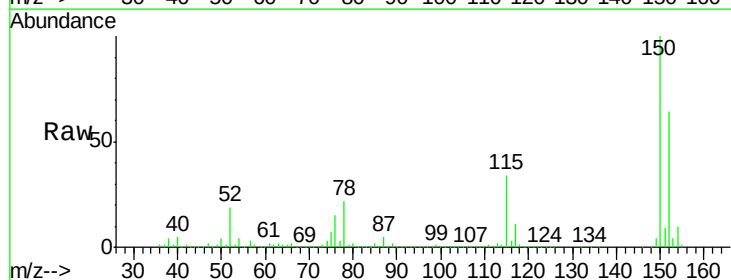


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

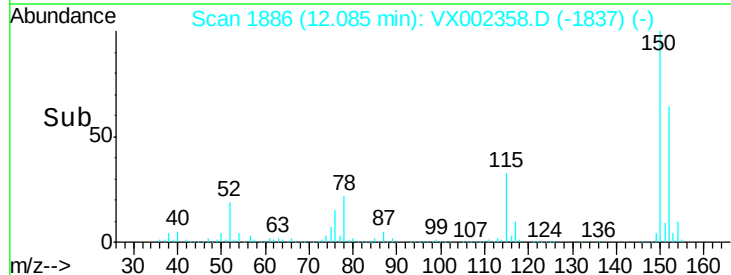
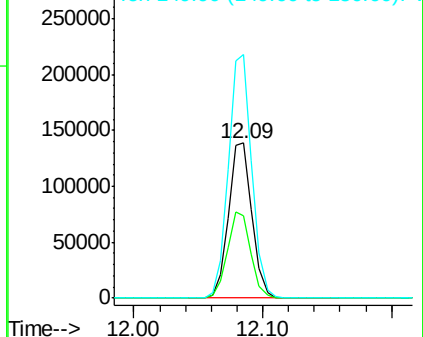


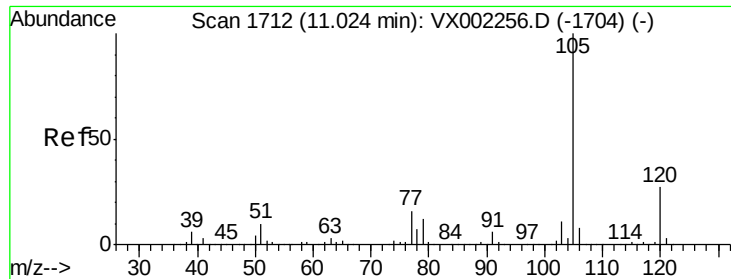
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002358.D
Acq: 06 Jun 2018 17:42

Tgt Ion:152 Resp: 176771
Ion Ratio Lower Upper
152 100
115 55.7 40.1 120.2
150 156.9 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: 5.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002358.D

Acq: 06 Jun 2018 17:42

Instrument :

MSVOA_X

ClientSampled :

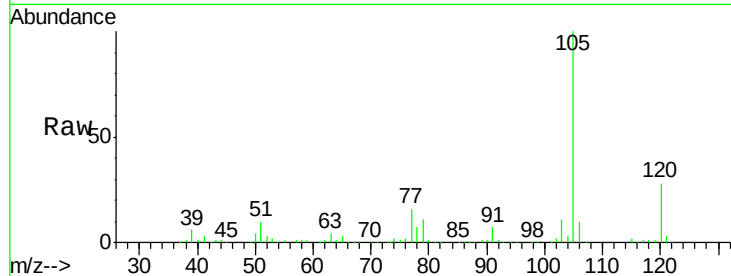
W-17

Tot Ion:105 Resp: 62751

Ion Ratio Lower Upper

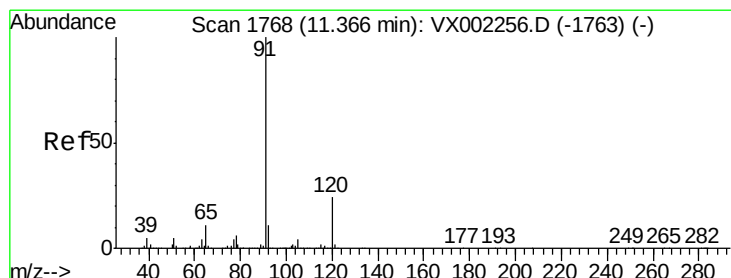
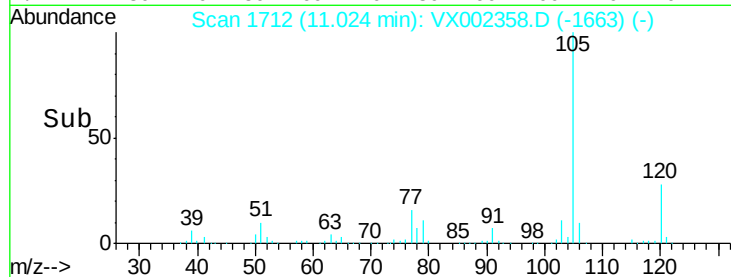
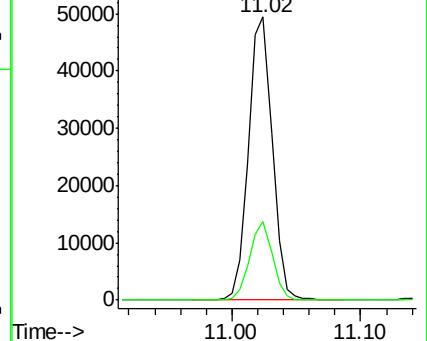
105 100

120 26.8 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: 2.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002358.D

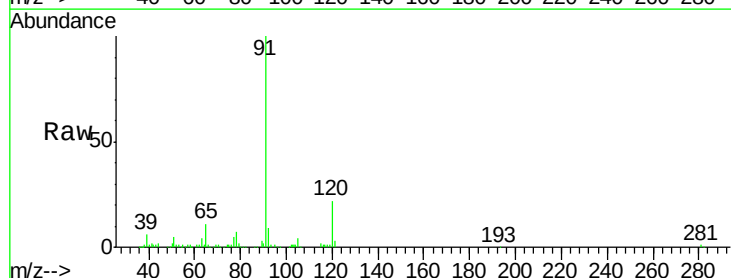
Acq: 06 Jun 2018 17:42

Tgt Ion: 91 Resp: 31432

Ion Ratio Lower Upper

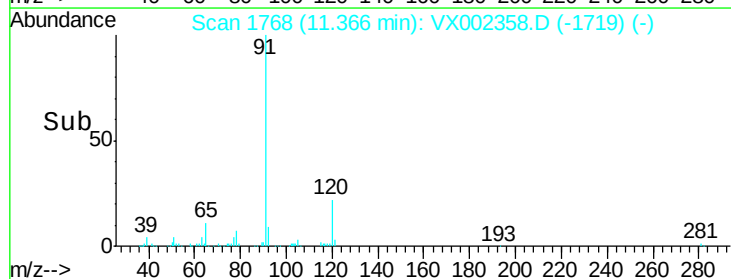
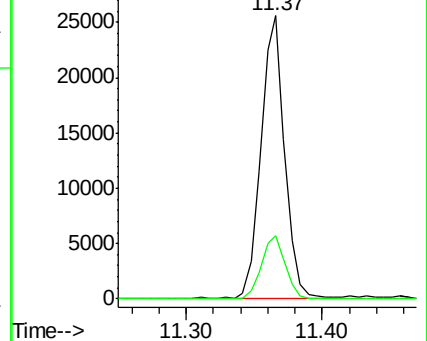
91 100

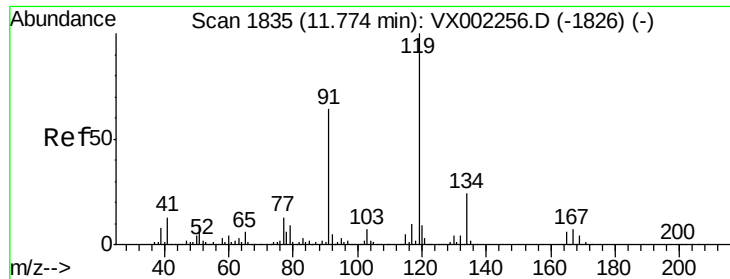
120 22.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

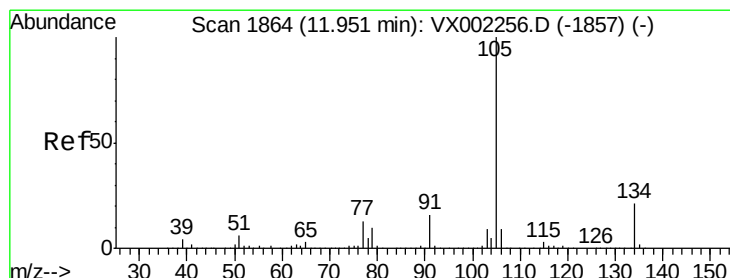
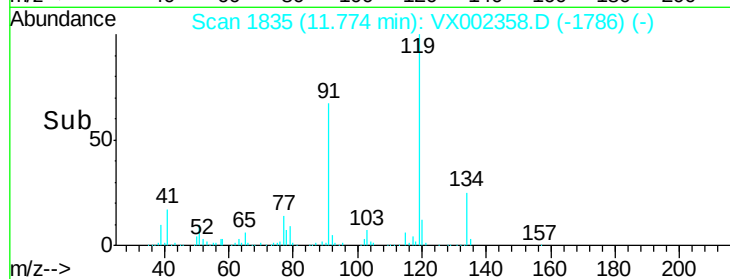
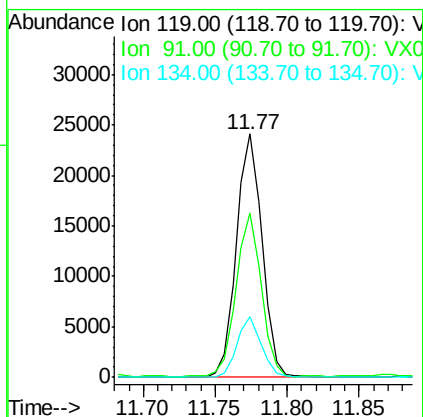
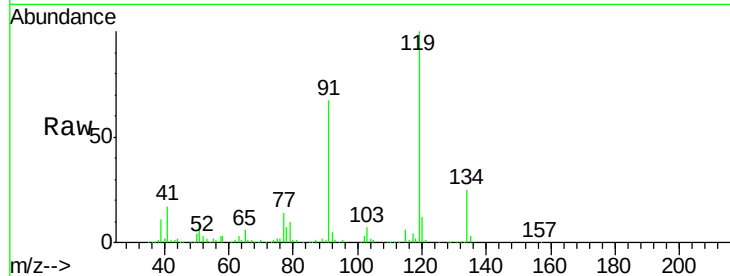




#83
tert-Butylbenzene
Concen: 2.93 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002358.D
Acq: 06 Jun 2018 17:42

Instrument :
MSVOA_X
ClientSampled :
W-17

Tot Ion:119 Resp: 30095
Ion Ratio Lower Upper
119 100
91 66.2 30.3 90.9
134 23.6 11.7 35.1



#85
sec-Butylbenzene
Concen: 5.19 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002358.D
Acq: 06 Jun 2018 17:42

Tgt Ion:105 Resp: 62520
Ion Ratio Lower Upper
105 100
134 29.7 10.4 31.1

