

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021919\
 Data File : VX007612.D
 Acq On : 19 Feb 2019 14:44
 Operator : JC/SP
 Sample : K1528-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Feb 20 06:25:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	763384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	356938	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	265821	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	242579	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	924115	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	328952	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

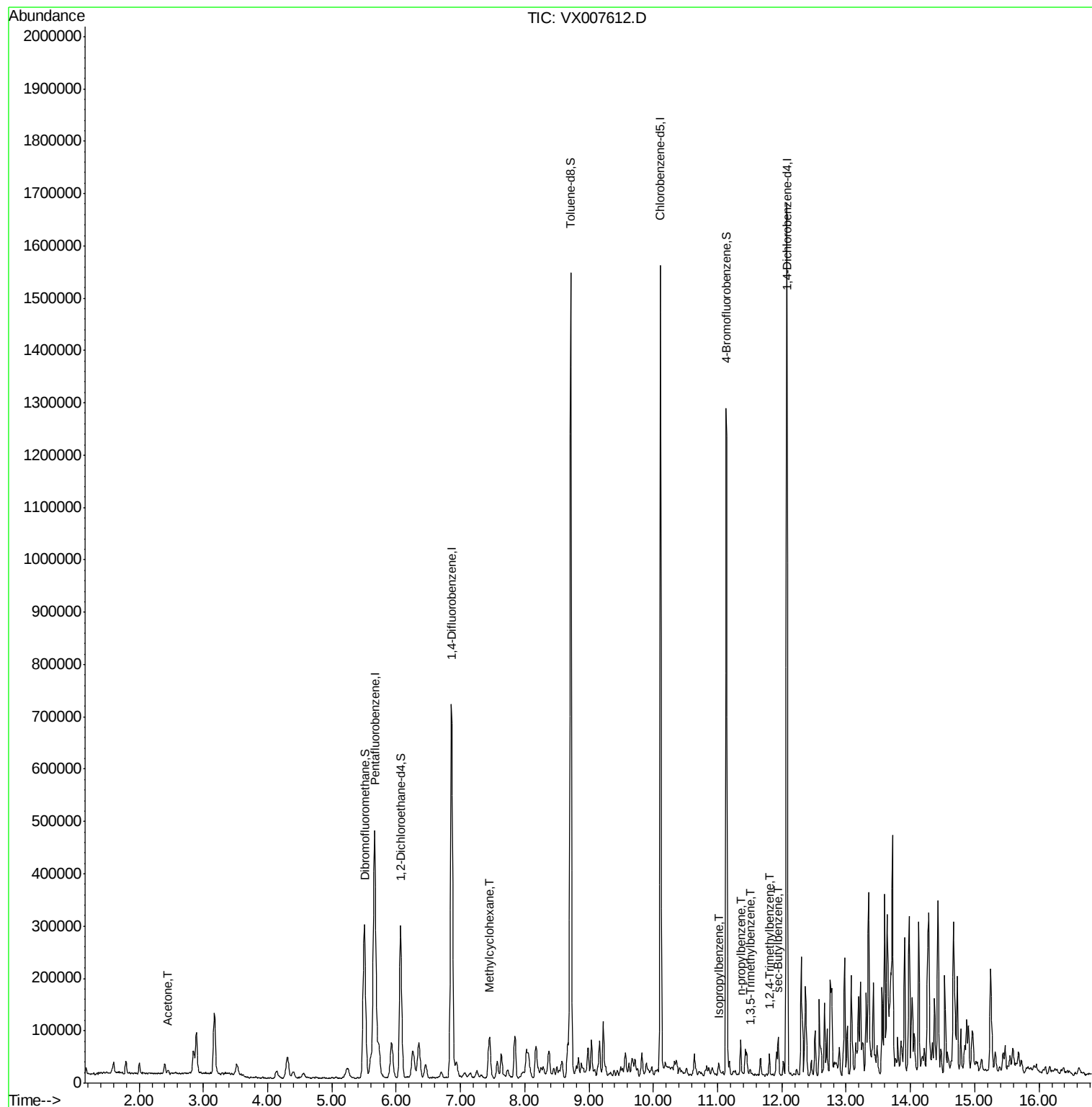
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5206	2.204	ug/l	100
39) Methylcyclohexane	7.46	83	27123	3.273	ug/l #	76
73) Isopropylbenzene	11.02	105	9647	0.398	ug/l	93
78) n-propylbenzene	11.36	91	39303	1.478	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	4854	0.245	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	17446	0.866	ug/l	93
85) sec-Butylbenzene	11.94	105	36774	1.546	ug/l	95

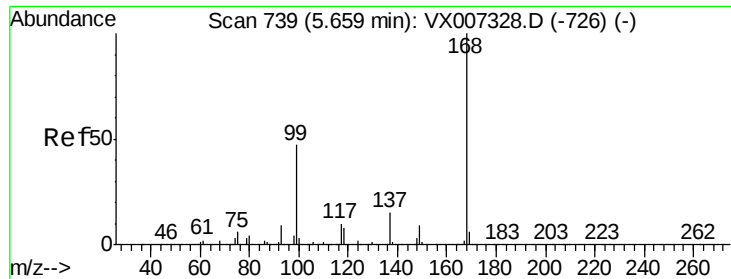
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 20 06:25:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

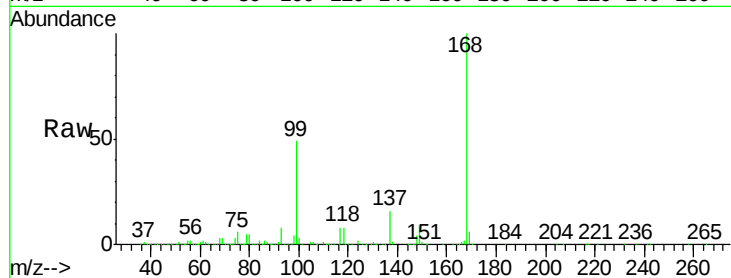
MW-3

Tot Ion:168 Resp: 485814

Ion Ratio Lower Upper

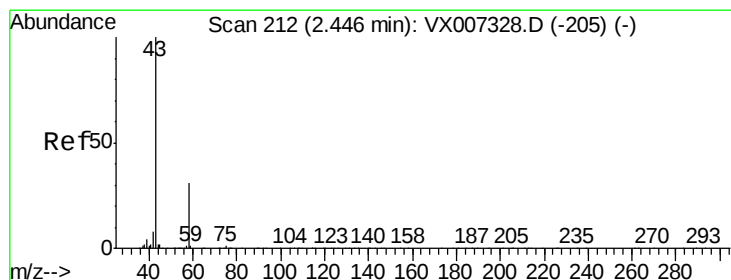
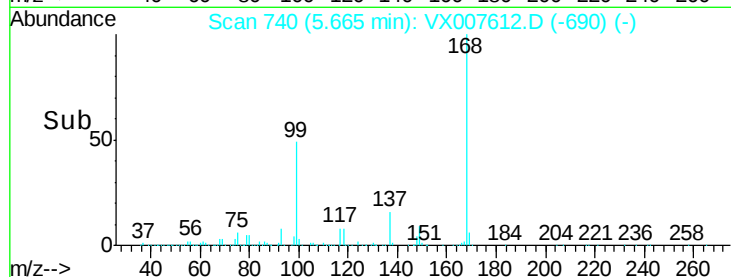
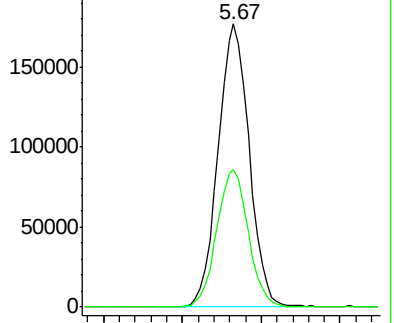
168 100

99 48.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.204 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007612.D

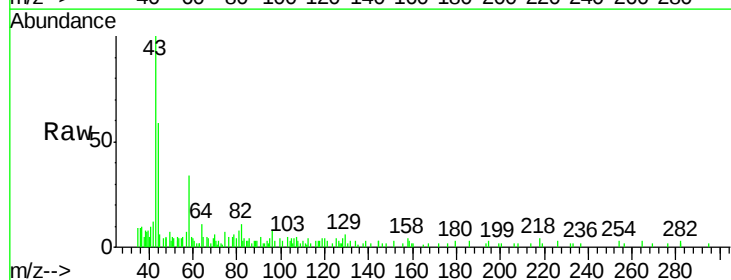
Acq: 19 Feb 2019 14:44

Tgt Ion: 43 Resp: 5206

Ion Ratio Lower Upper

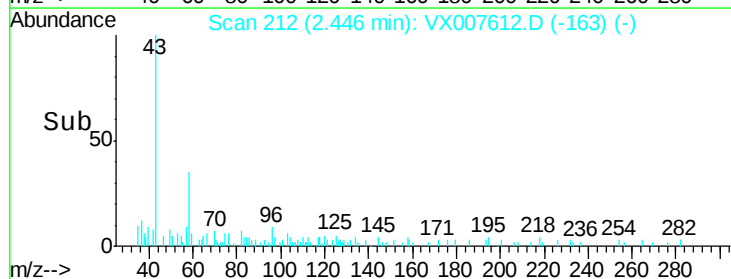
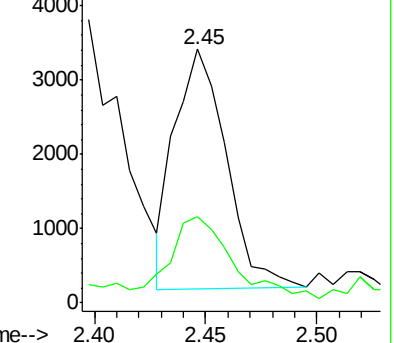
43 100

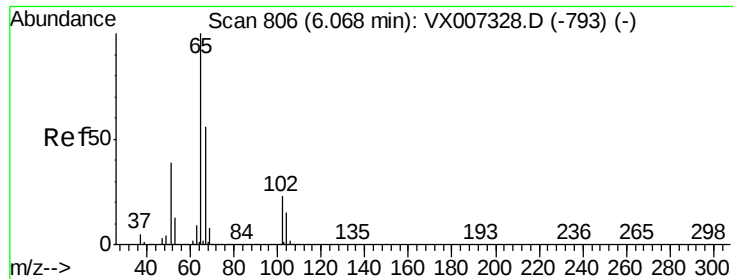
58 31.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

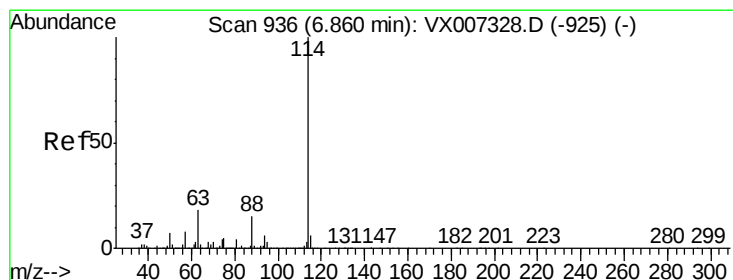
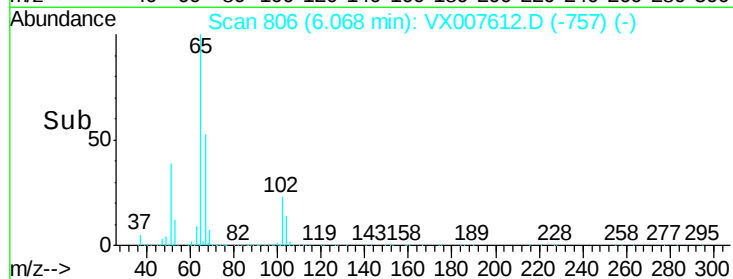
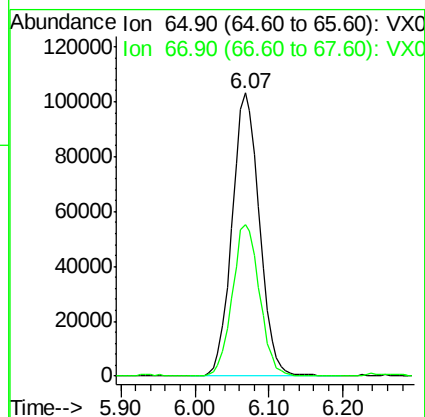
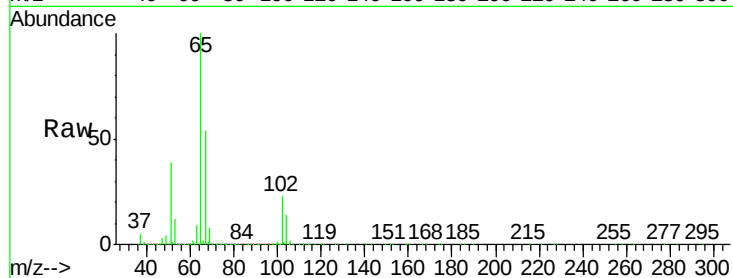




#33
 1,2-Dichloroethane-d4
 Concen: 51.550 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007612.D
 Acq: 19 Feb 2019 14:44

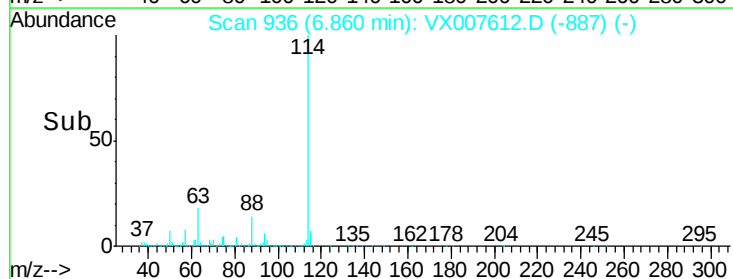
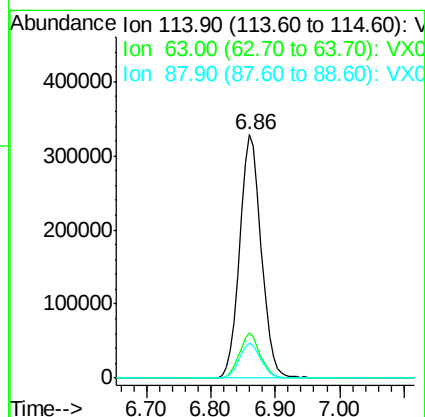
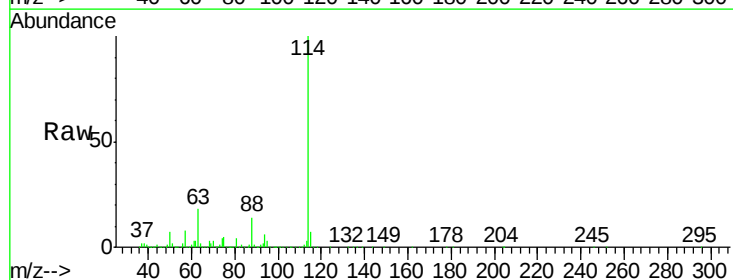
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

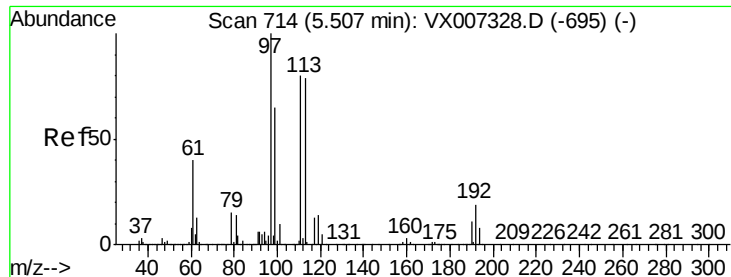
Tot Ion: 65 Resp: 265821
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007612.D
 Acq: 19 Feb 2019 14:44

Tgt Ion: 114 Resp: 763384
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.837 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

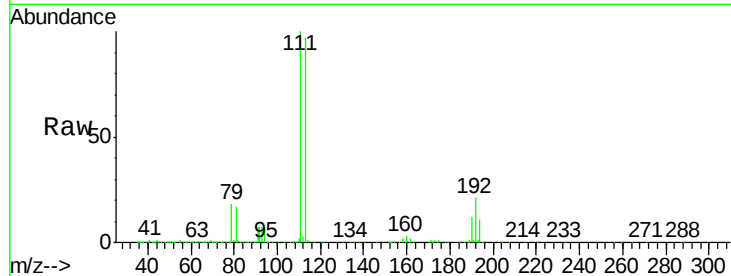
Tot Ion:113 Resp: 242579

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

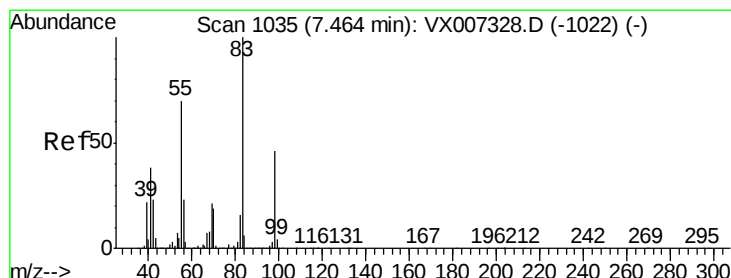
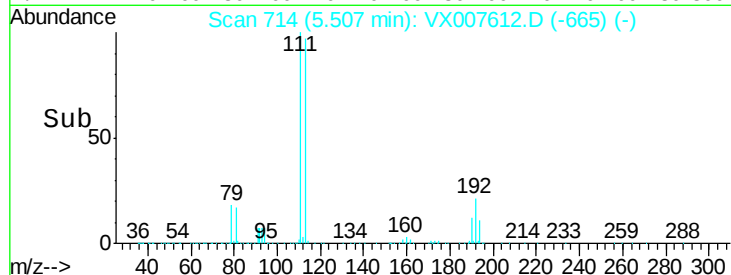
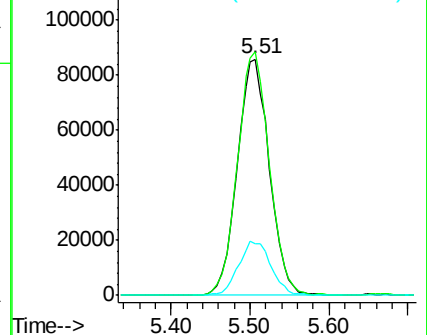
192 23.1 18.5 27.7



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: 3.273 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

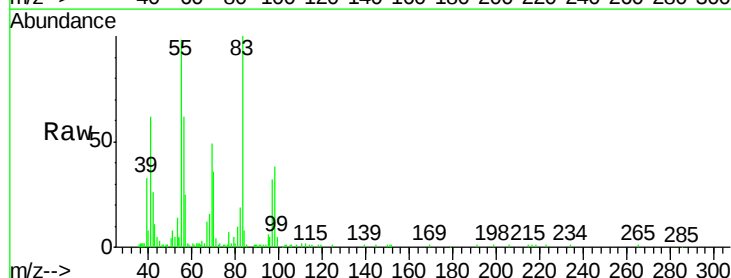
Tgt Ion: 83 Resp: 27123

Ion Ratio Lower Upper

83 100

55 96.5 56.2 84.2#

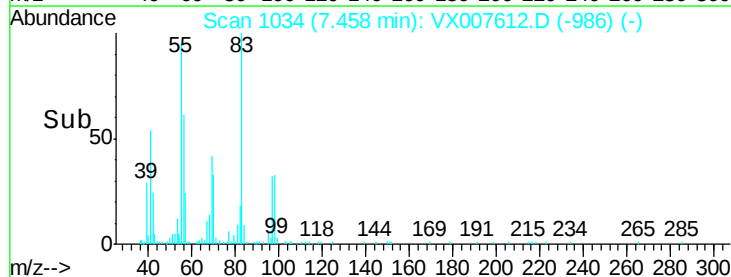
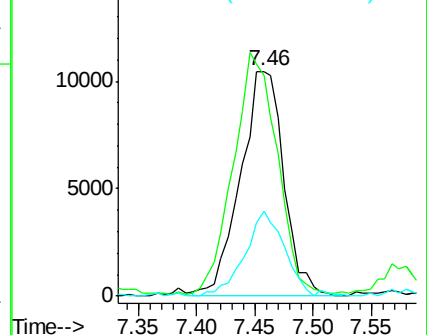
98 37.8 36.8 55.2

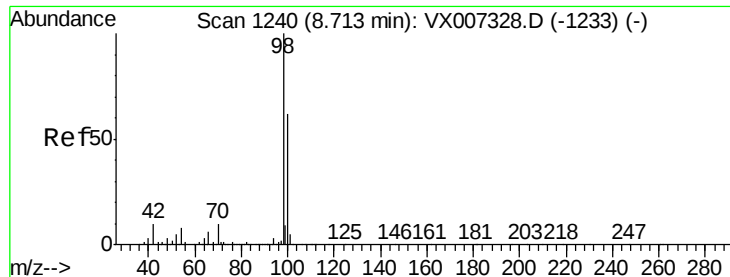


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 50.145 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

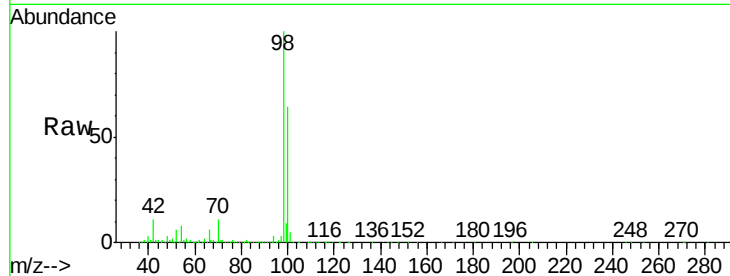
MW-3

Tot Ion: 98 Resp: 924115

Ion Ratio Lower Upper

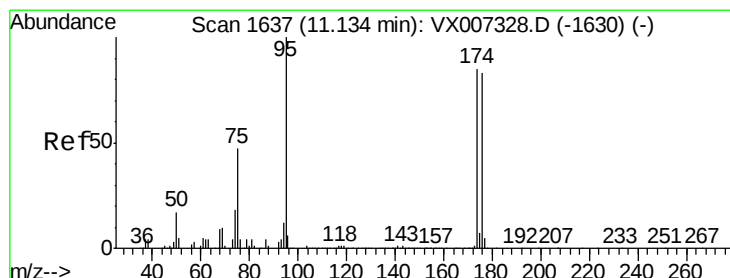
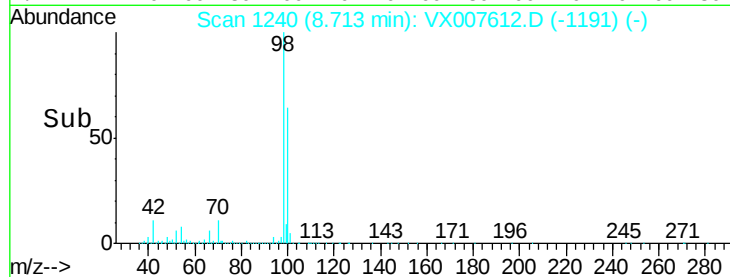
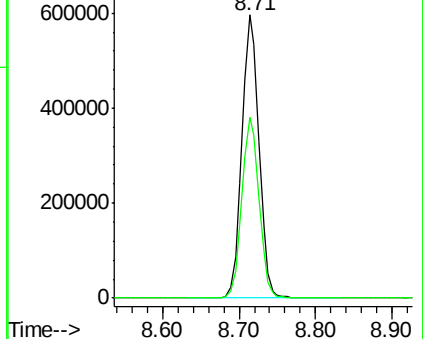
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.891 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

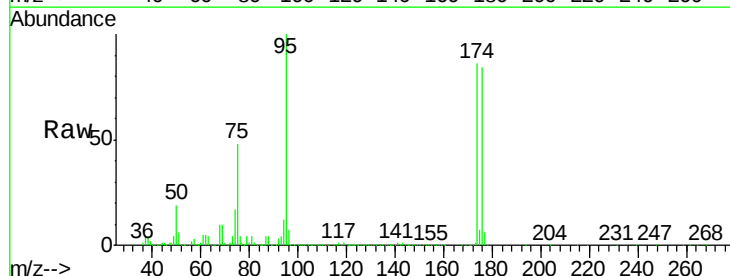
Tgt Ion: 95 Resp: 328952

Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

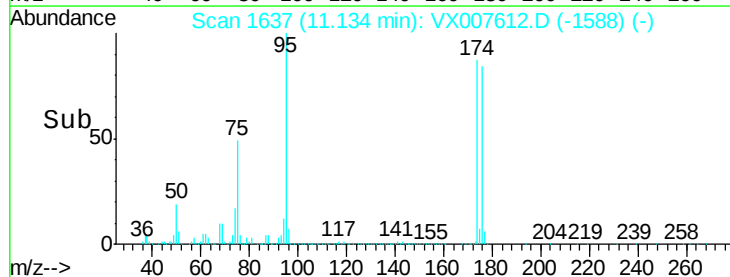
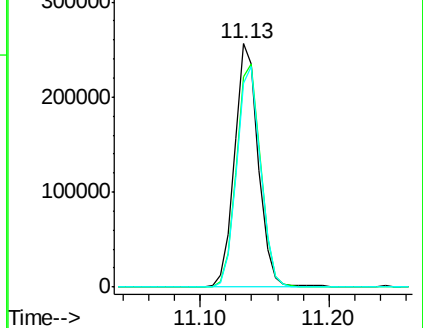
176 91.2 0.0 186.2

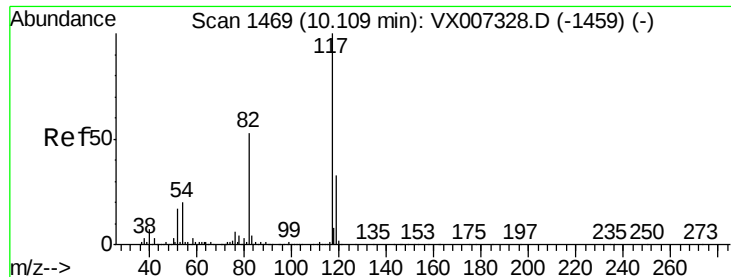


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

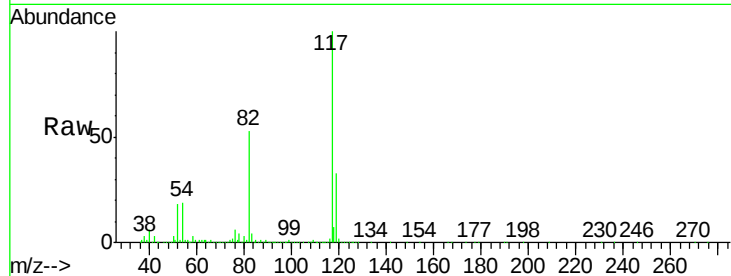




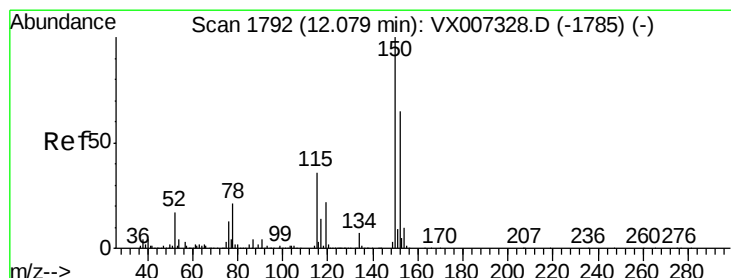
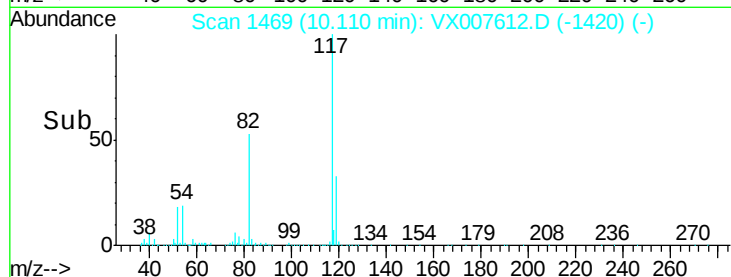
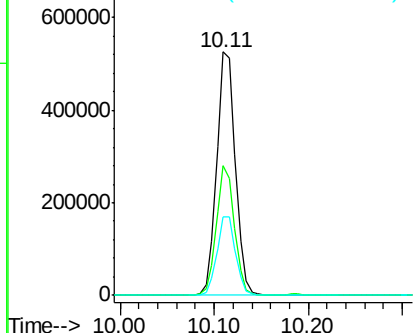
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007612.D
Acq: 19 Feb 2019 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:117 Resp: 723523
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 32.5 26.5 39.7

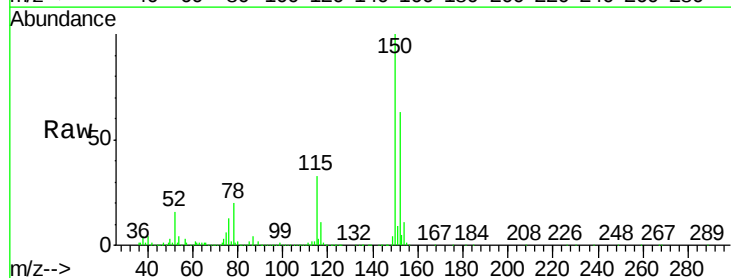


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

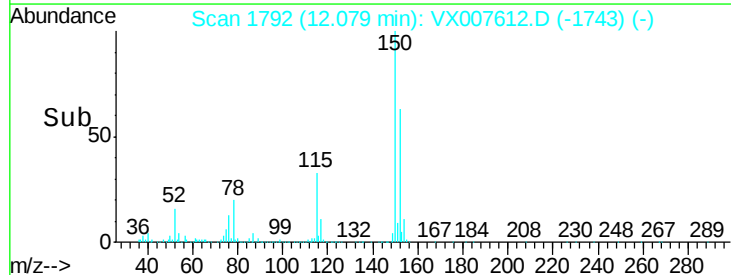
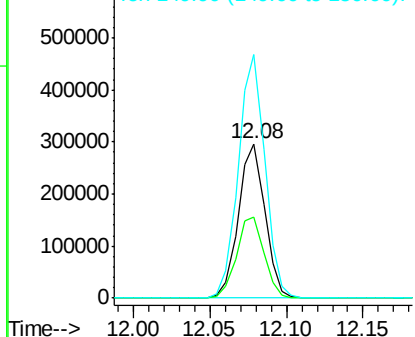


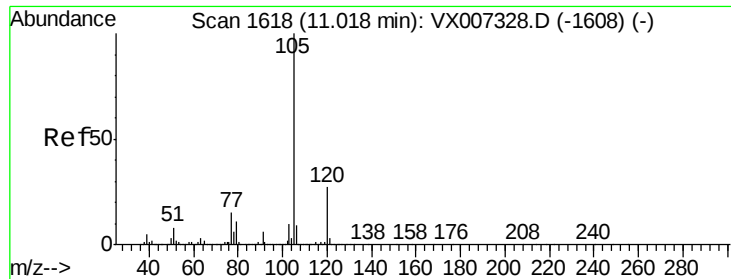
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007612.D
Acq: 19 Feb 2019 14:44

Tgt Ion:152 Resp: 356938
Ion Ratio Lower Upper
152 100
115 54.3 38.0 114.0
150 158.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 0.398 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

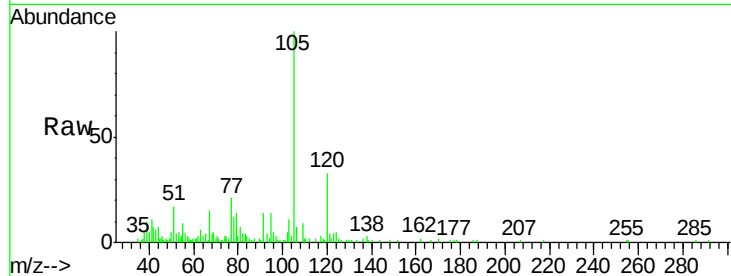
MW-3

Tot Ion:105 Resp: 9647

Ion Ratio Lower Upper

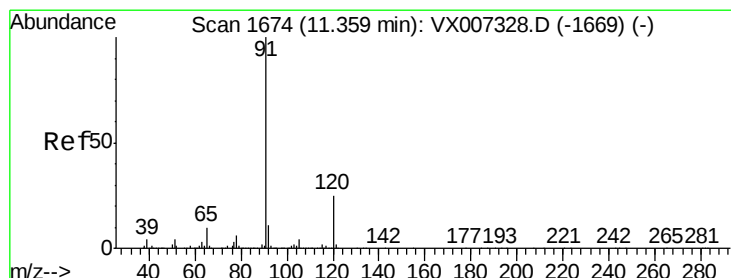
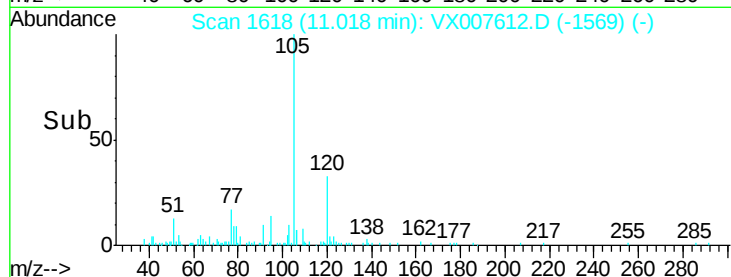
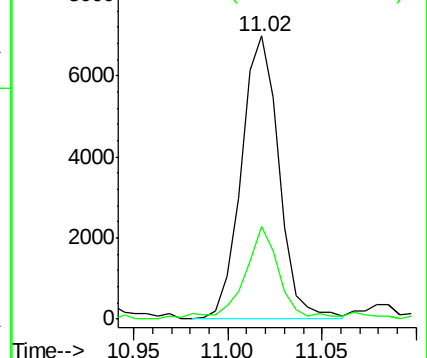
105 100

120 30.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.478 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007612.D

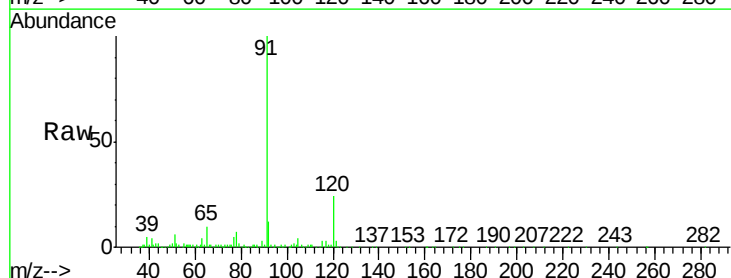
Acq: 19 Feb 2019 14:44

Tgt Ion: 91 Resp: 39303

Ion Ratio Lower Upper

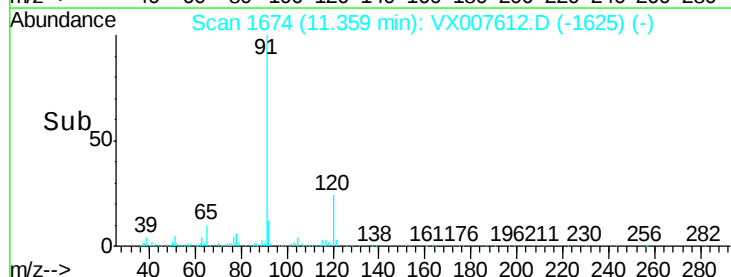
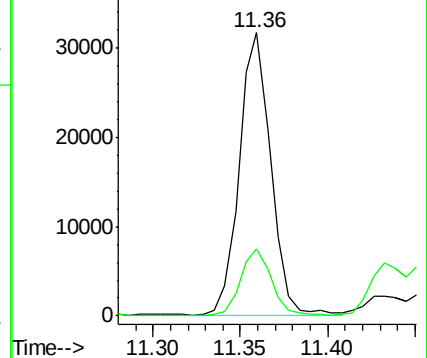
91 100

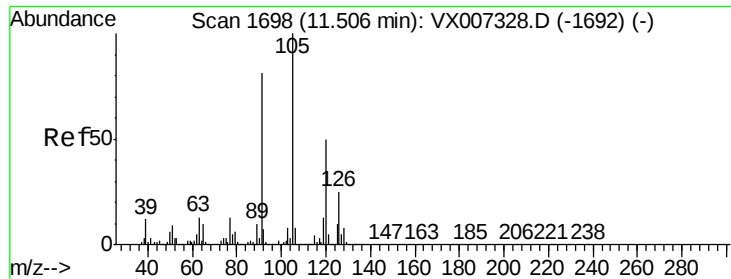
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.245 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

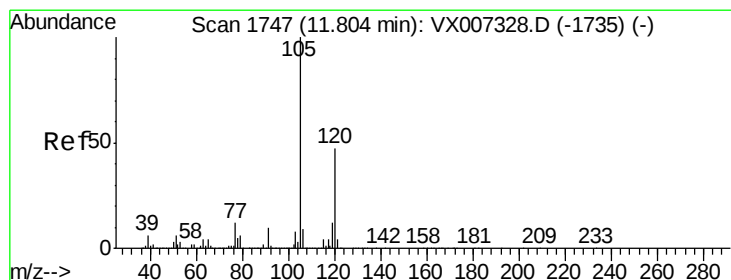
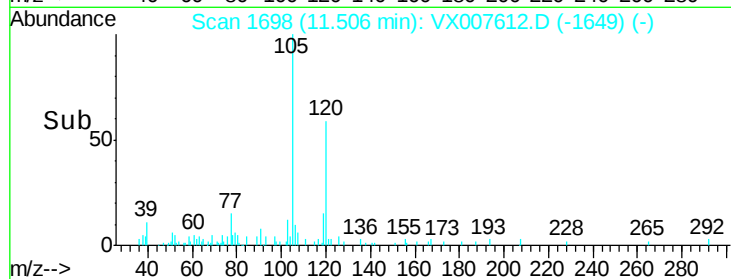
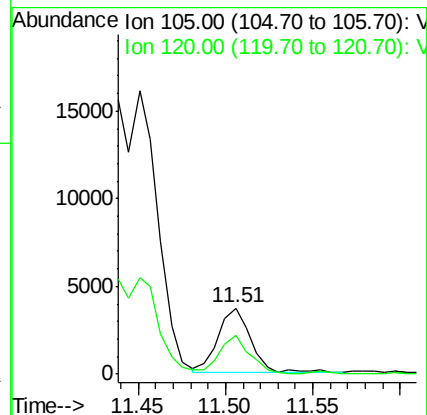
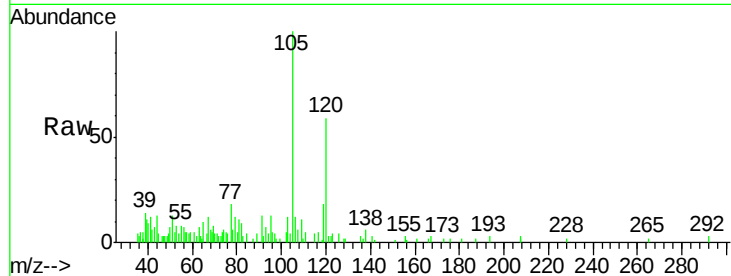
MW-3

Tot Ion:105 Resp: 4854

Ion Ratio Lower Upper

105 100

120 55.8 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 0.866 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007612.D

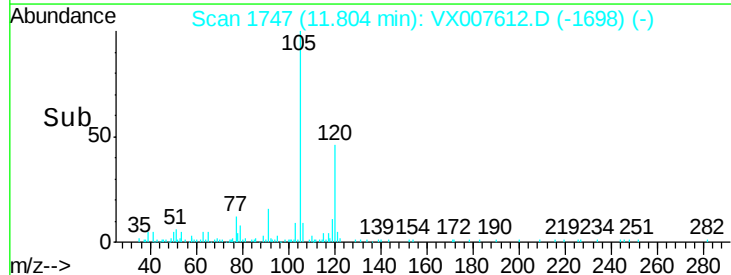
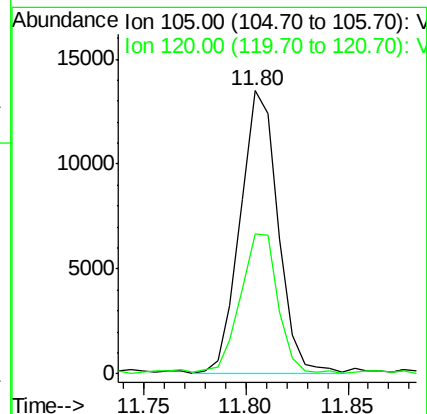
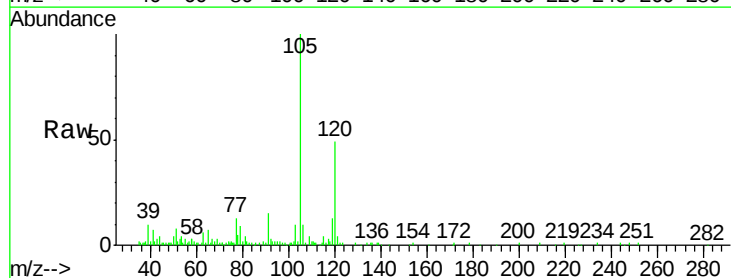
Acq: 19 Feb 2019 14:44

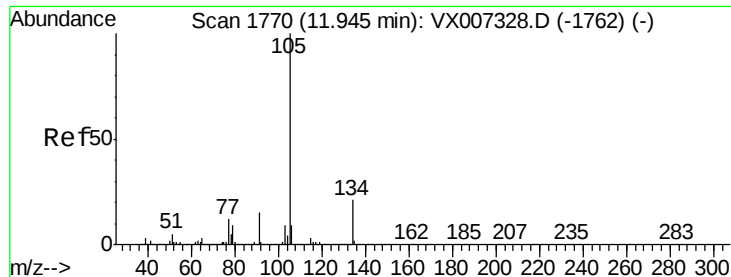
Tgt Ion:105 Resp: 17446

Ion Ratio Lower Upper

105 100

120 50.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 1.546 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007612.D

Acq: 19 Feb 2019 14:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:105 Resp: 36774

Ion Ratio Lower Upper

105 100

134 23.5 10.6 31.8

