

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007139.D
 Acq On : 18 Jan 2019 17:08
 Operator : JC/SP
 Sample : K1195-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-190116

Quant Time: Jan 18 22:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	559526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	858693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	805094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401389	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	292624	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	5.51	113	263804	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	1031283	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.13	95	372919	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	

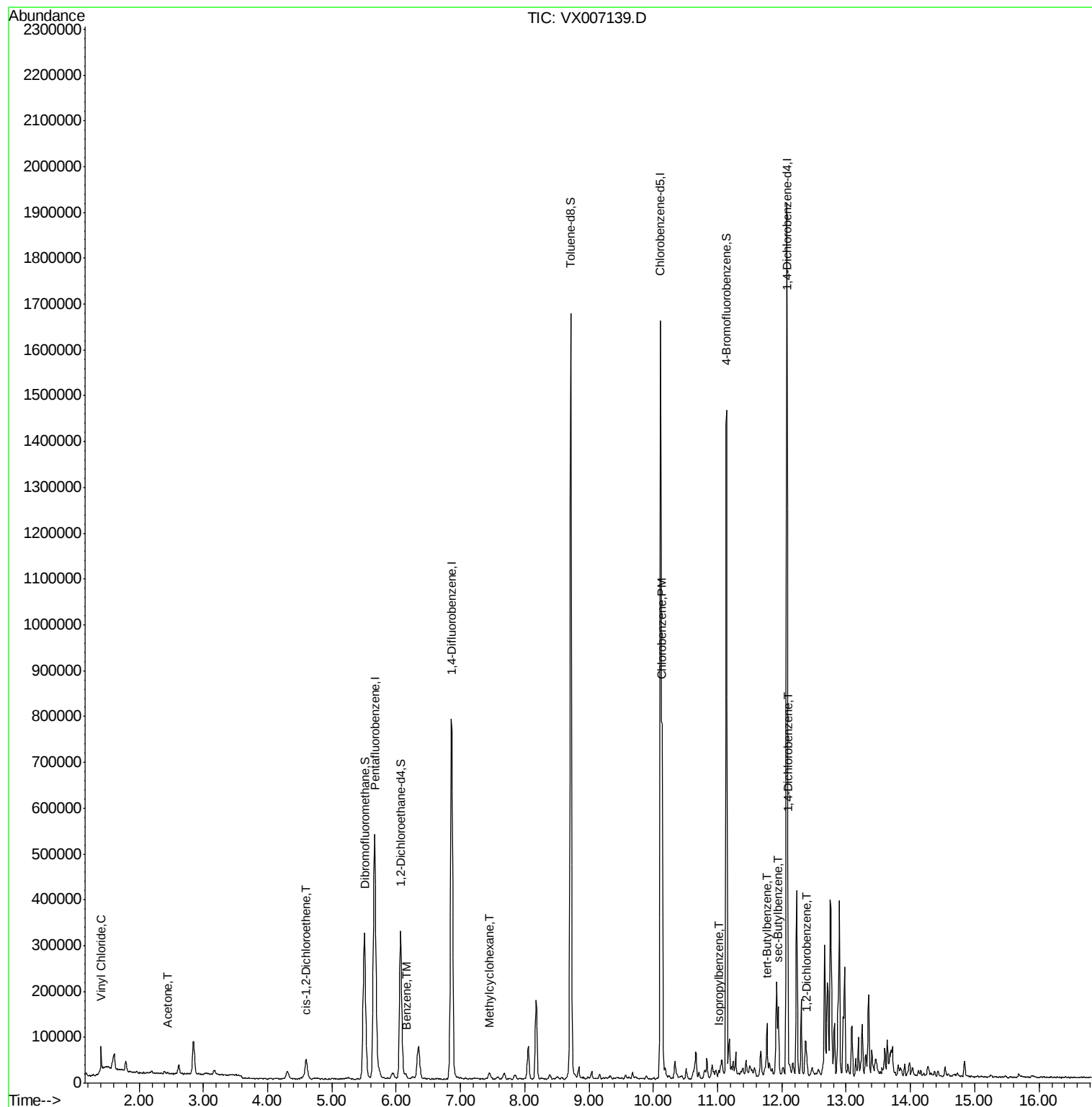
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	32069	5.573	ug/l #	80
16) Acetone	2.45	43	3738	1.293	ug/l #	82
27) cis-1,2-Dichloroethene	4.60	96	28496	4.508	ug/l	88
39) Methylcyclohexane	7.45	83	4287	0.450	ug/l #	75
40) Benzene	6.15	78	12889	0.566	ug/l #	77
65) Chlorobenzene	10.14	112	323397	18.417	ug/l	97
73) Isopropylbenzene	11.02	105	7896	0.279	ug/l	97
83) tert-Butylbenzene	11.77	119	40317	1.709	ug/l	88
85) sec-Butylbenzene	11.94	105	69809	2.477	ug/l #	55
88) 1,4-Dichlorobenzene	12.10	146	7159	0.679	ug/l #	42
91) 1,2-Dichlorobenzene	12.39	146	5380	0.387	ug/l	94

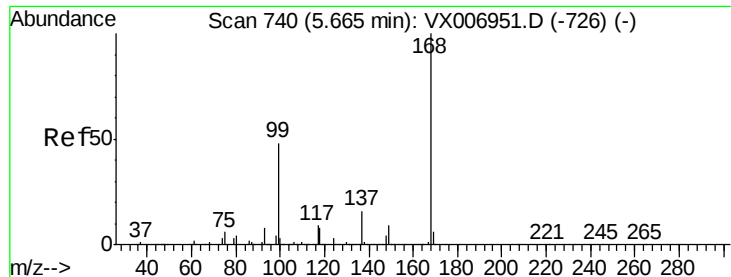
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011819\
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ClientSampleId :
SS038RW016-190116

Quant Time: Jan 18 22:57:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

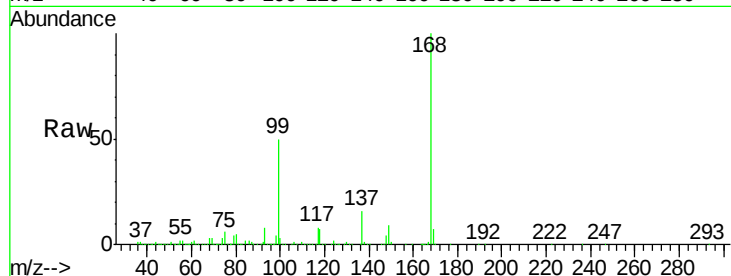
SS038RW016-190116

Tot Ion:168 Resp: 559526

Ion Ratio Lower Upper

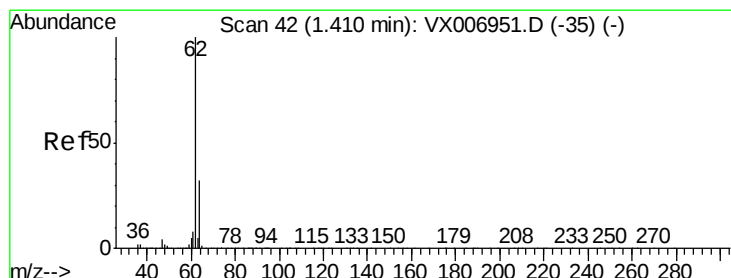
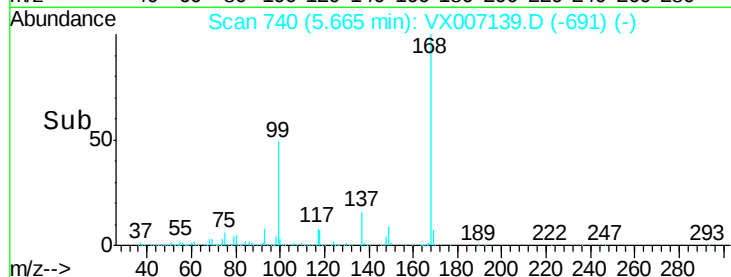
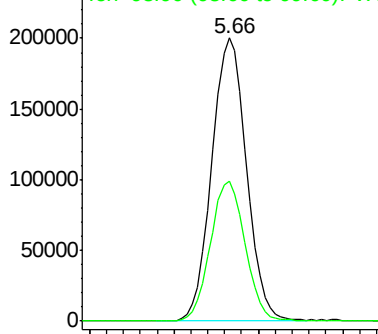
168 100

99 49.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.573 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007139.D

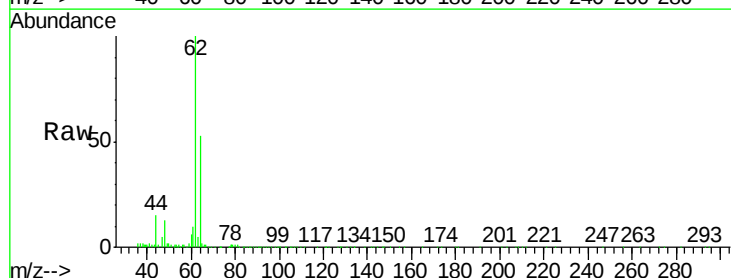
Acq: 18 Jan 2019 17:08

Tgt Ion: 62 Resp: 32069

Ion Ratio Lower Upper

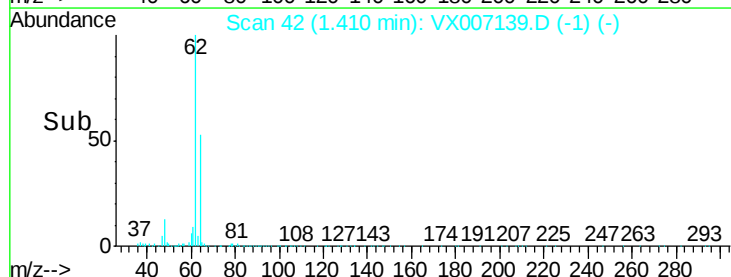
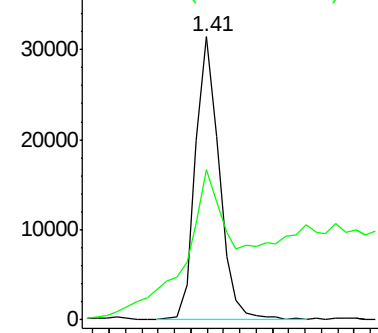
62 100

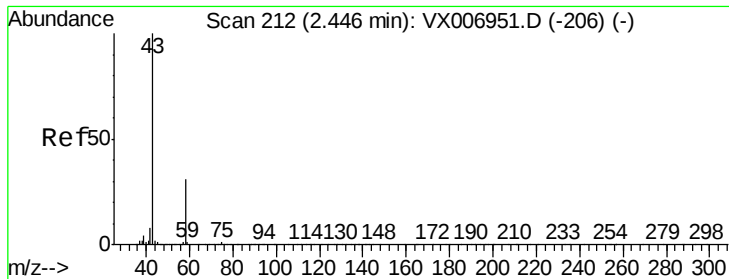
64 42.5 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

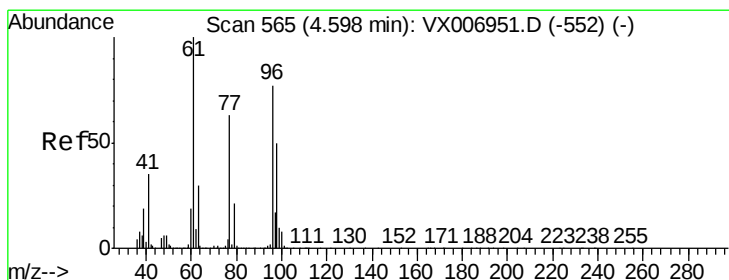
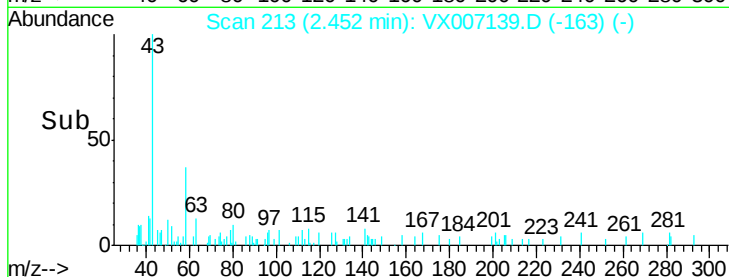
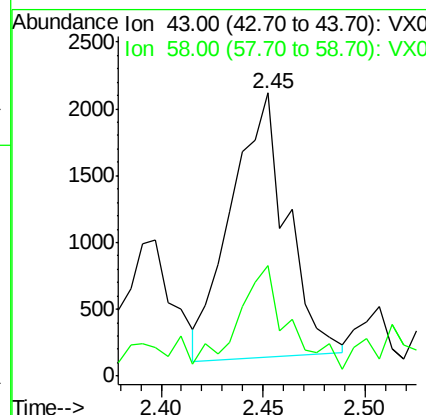
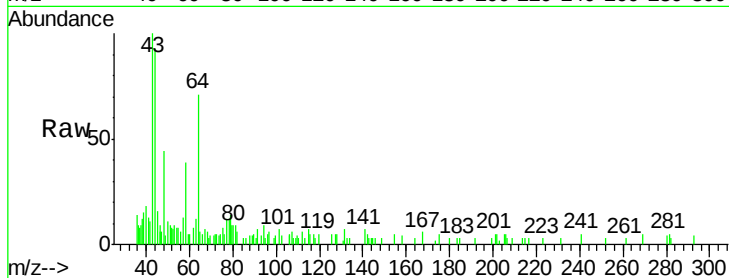




#16
Acetone
Concen: 1.293 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007139.D
Acq: 18 Jan 2019 17:08

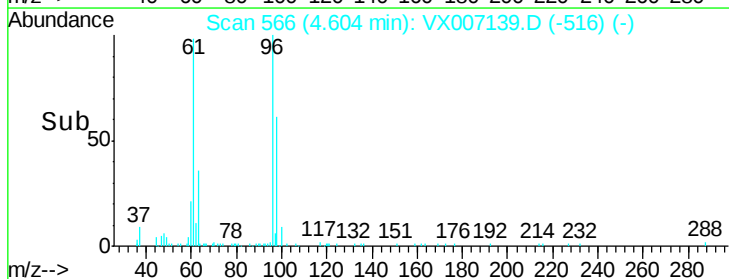
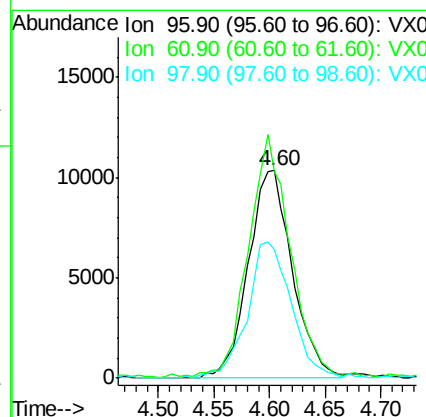
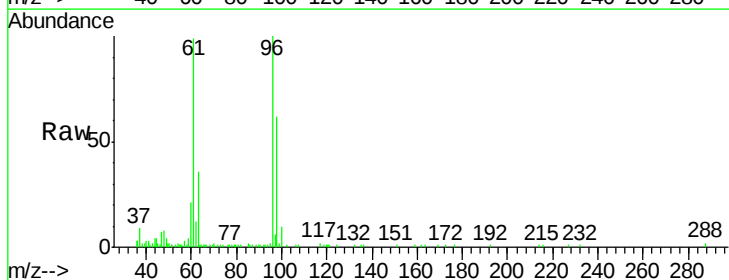
Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190116

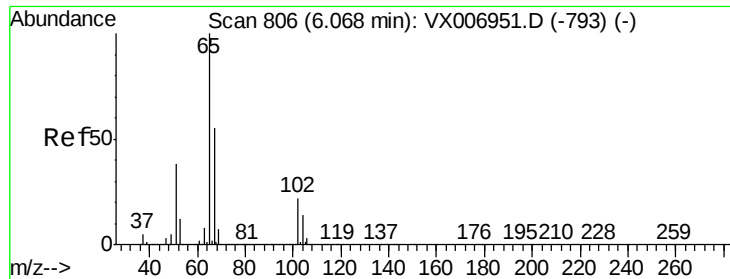
Tot Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
58 41.0 25.0 37.6#



#27
cis-1,2-Dichloroethene
Concen: 4.508 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007139.D
Acq: 18 Jan 2019 17:08

Tgt Ion: 96 Resp: 28496
Ion Ratio Lower Upper
96 100
61 109.3 0.0 258.6
98 65.1 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 50.042 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

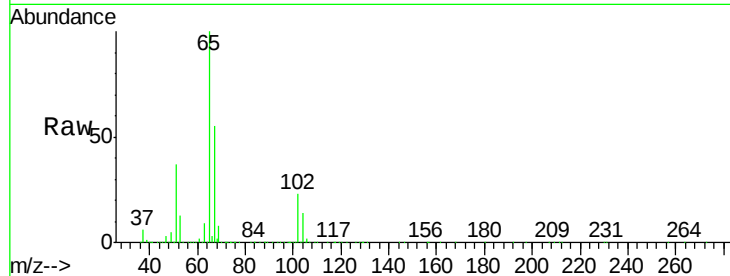
SS038RW016-190116

Tot Ion: 65 Resp: 292624

Ion Ratio Lower Upper

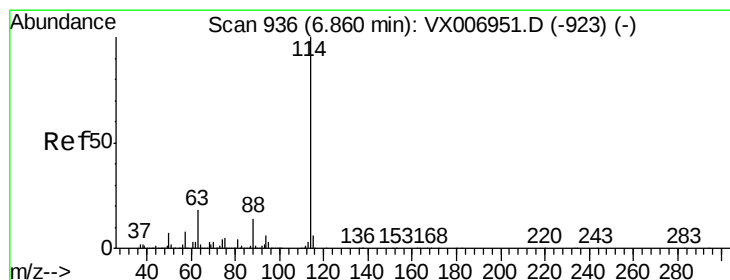
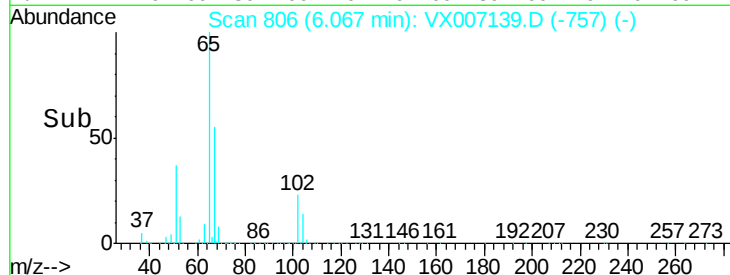
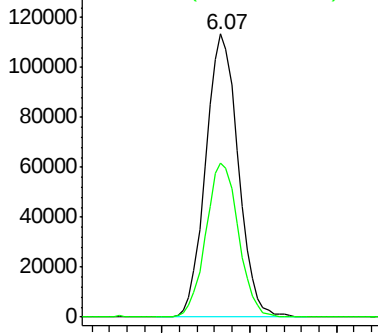
65 100

67 54.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

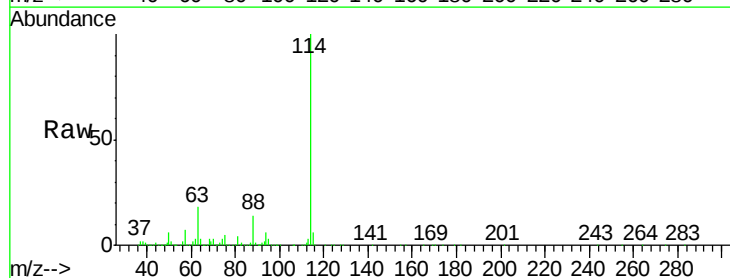
Tgt Ion: 114 Resp: 858693

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

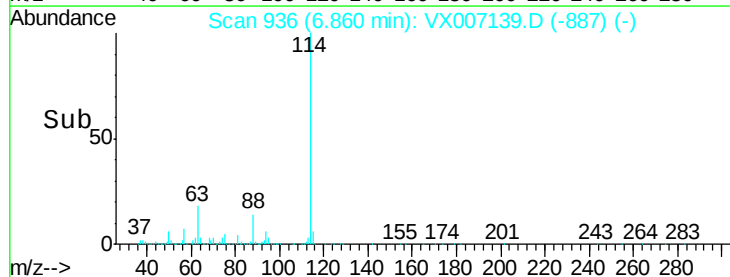
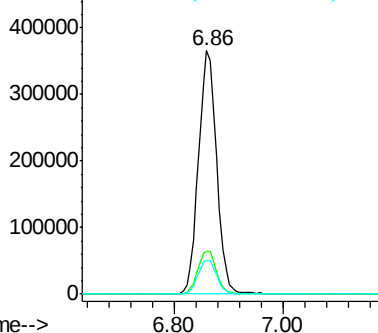
88 13.7 0.0 28.8

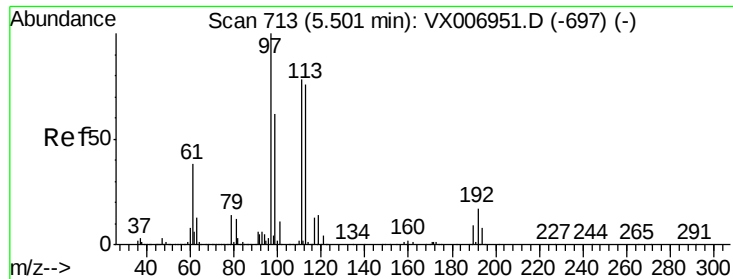


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.973 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190116

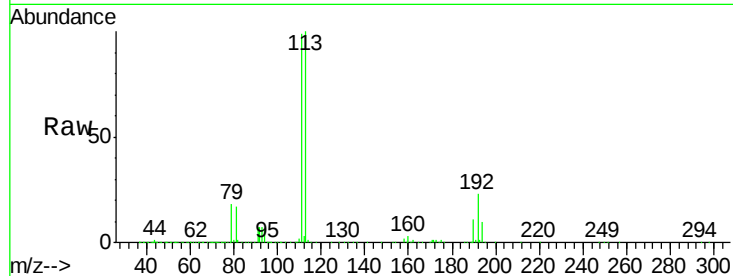
Tot Ion:113 Resp: 263804

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

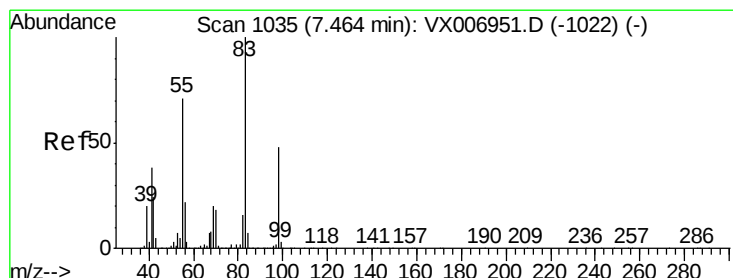
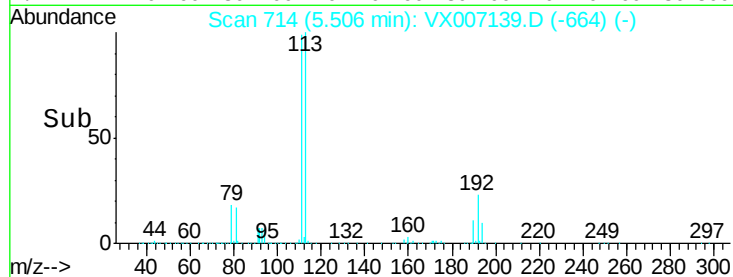
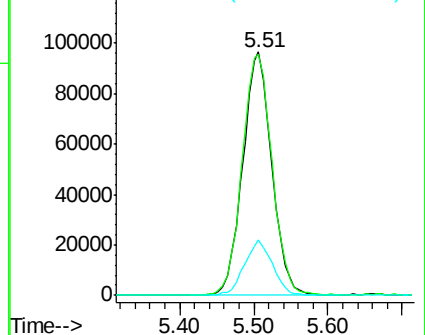
192 21.9 16.7 25.1



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: 0.450 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

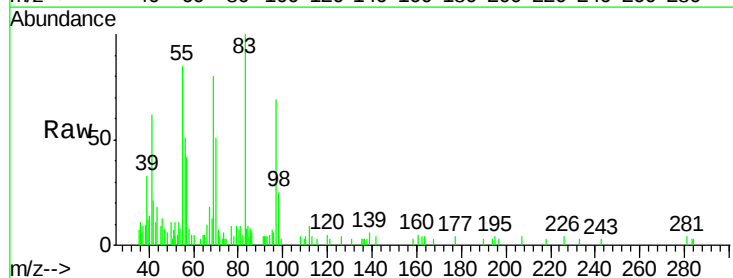
Tgt Ion: 83 Resp: 4287

Ion Ratio Lower Upper

83 100

55 84.6 54.9 82.3#

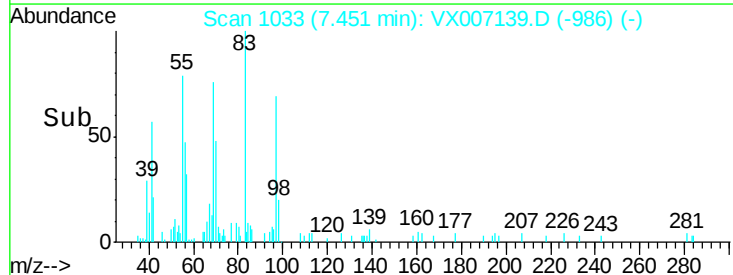
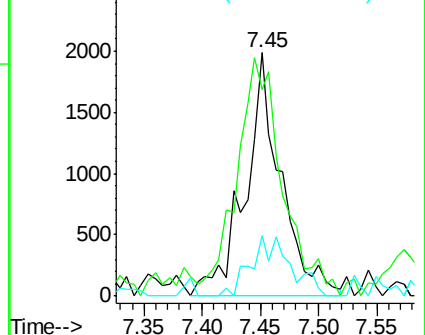
98 24.8 37.9 56.9#

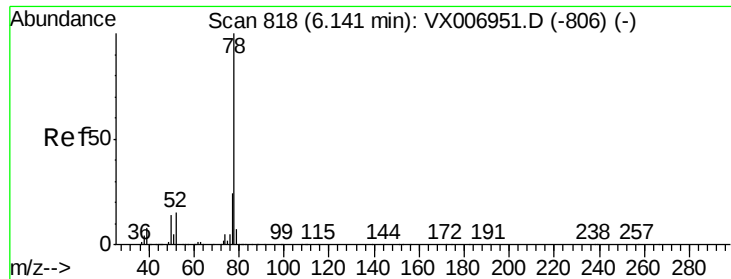


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.566 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

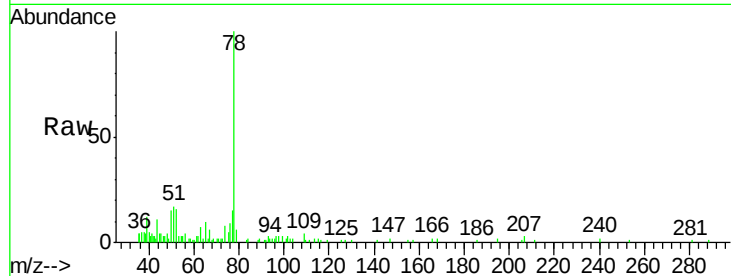
SS038RW016-190116

Tot Ion: 78 Resp: 12889

Ion Ratio Lower Upper

78 100

77 12.6 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

5000

4000

3000

2000

1000

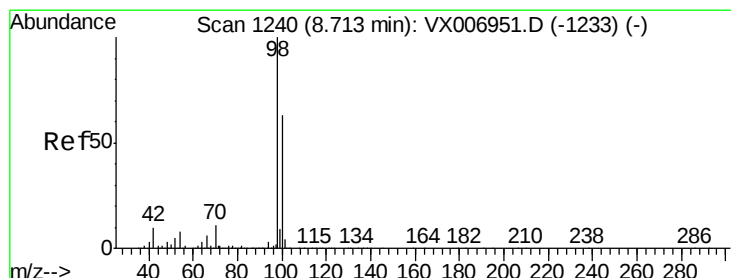
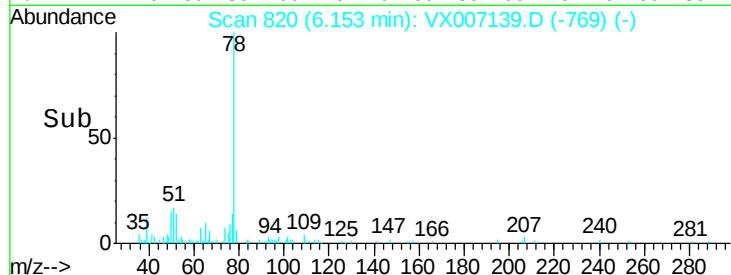
0

Time-->

6.00

6.10

6.20



#50

Toluene-d8

Concen: 51.236 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007139.D

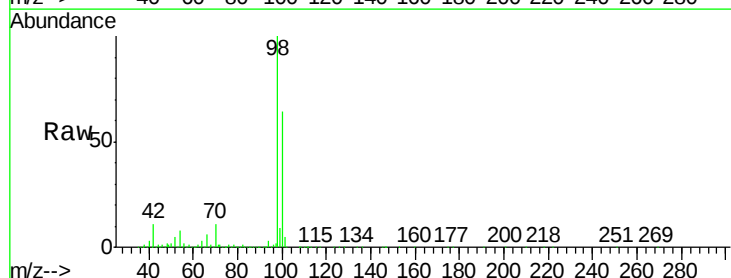
Acq: 18 Jan 2019 17:08

Tgt Ion: 98 Resp: 1031283

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

600000

400000

200000

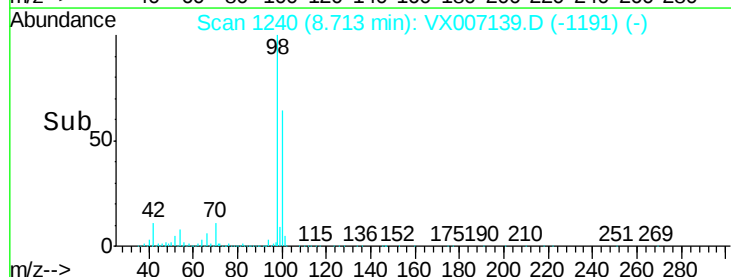
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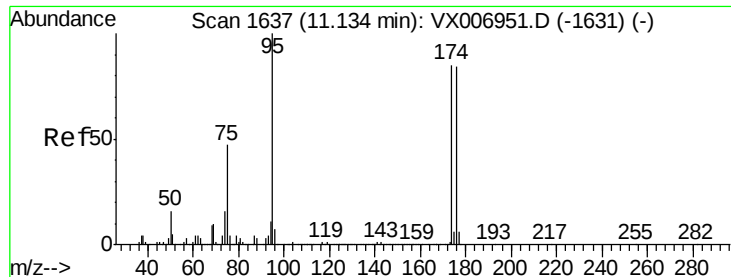
Time-->

8.60

8.70

8.80





#62

4-Bromofluorobenzene

Concen: 53.144 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

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ClientSampleId :

SS038RW016-190116

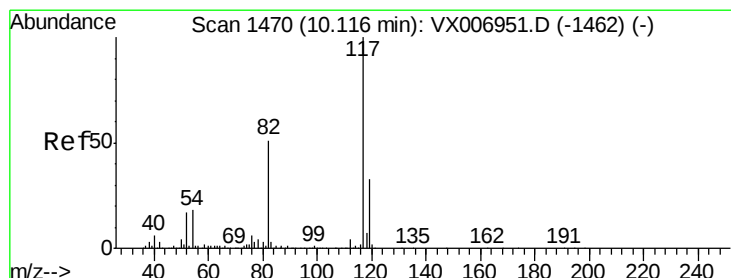
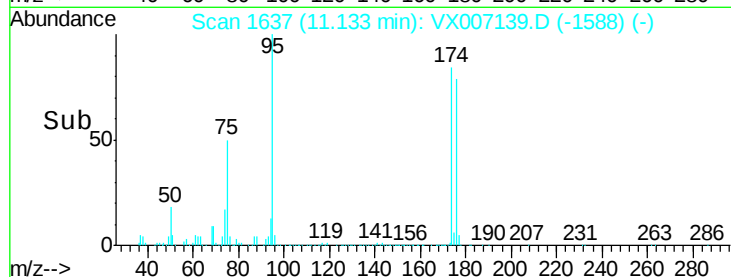
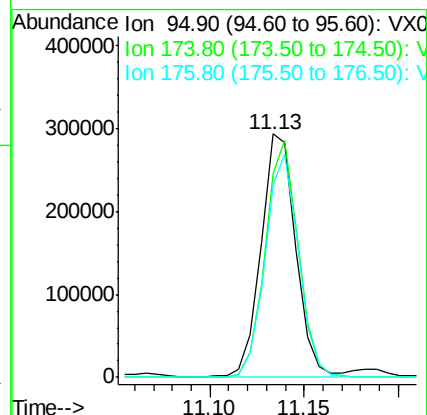
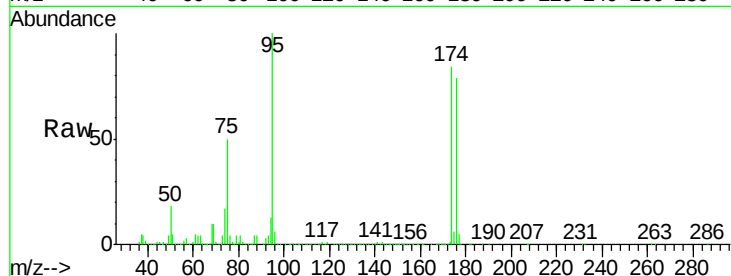
Tot Ion: 95 Resp: 372919

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

176 88.8 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

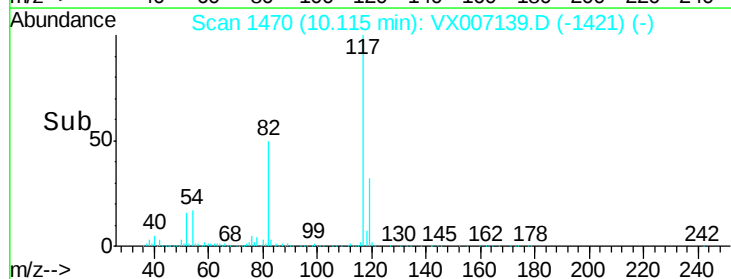
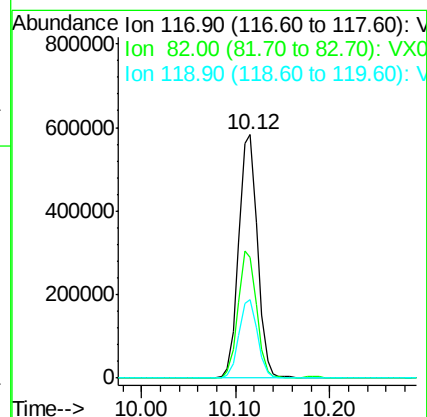
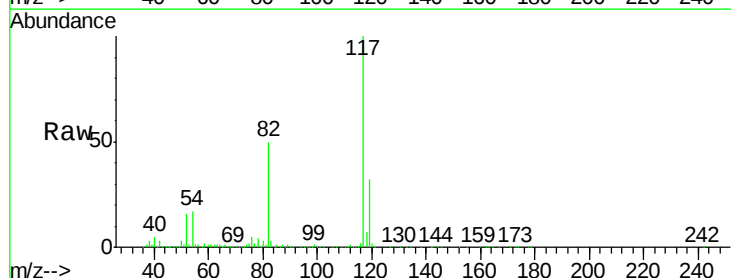
Tgt Ion: 117 Resp: 805094

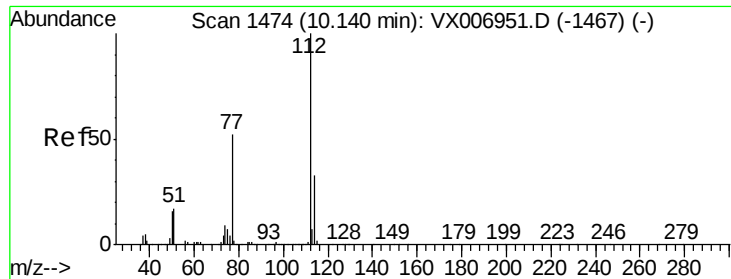
Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

119 32.3 25.4 38.0





#65

Chlorobenzene

Concen: 18.417 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

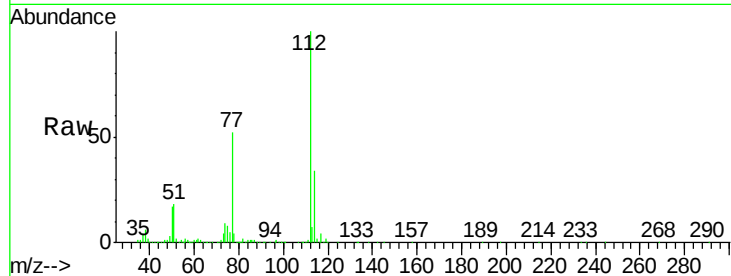
SS038RW016-190116

Tot Ion:112 Resp: 323397

Ion Ratio Lower Upper

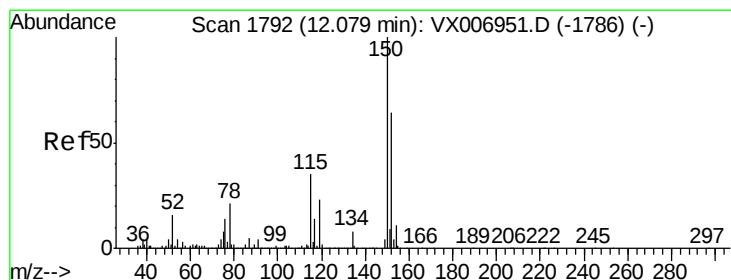
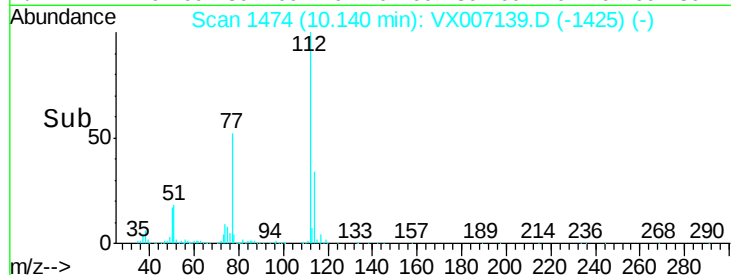
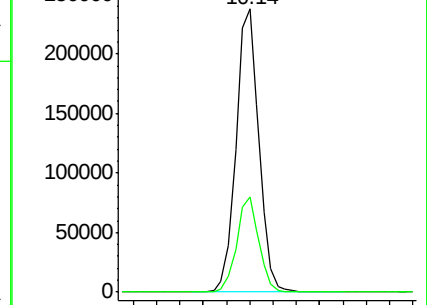
112 100

114 33.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX007139.D

Acq: 18 Jan 2019 17:08

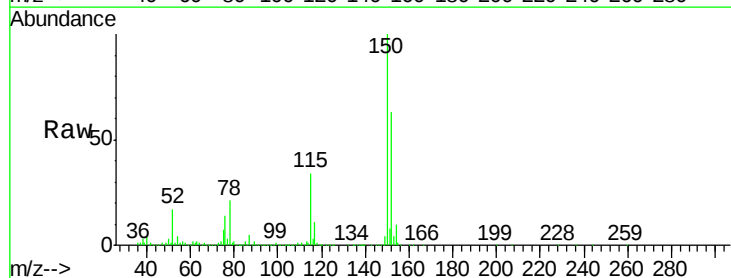
Tgt Ion:152 Resp: 401389

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

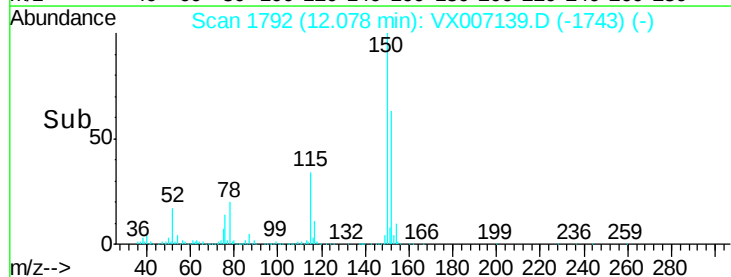
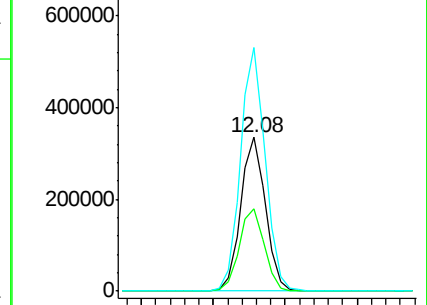
150 158.1 0.0 344.8

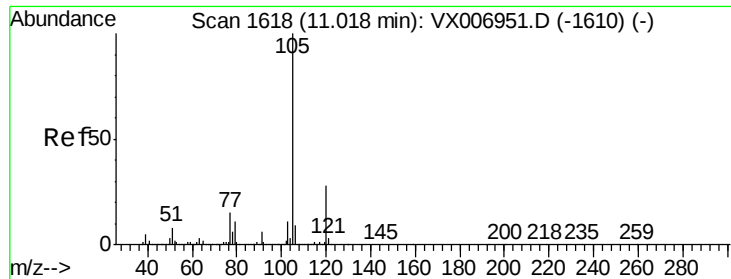


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.279 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

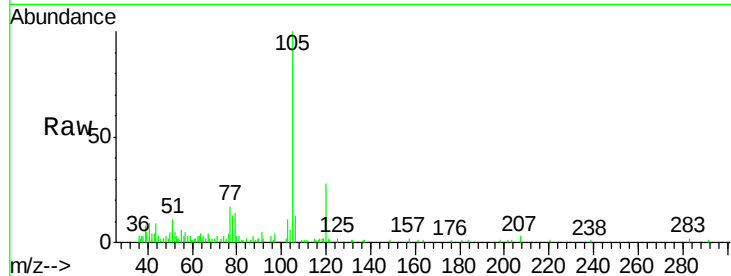
SS038RW016-190116

Tot Ion:105 Resp: 7896

Ion Ratio Lower Upper

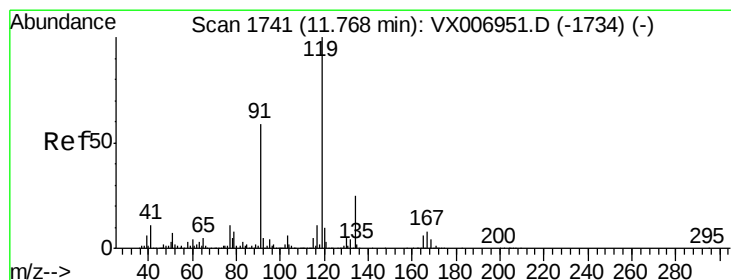
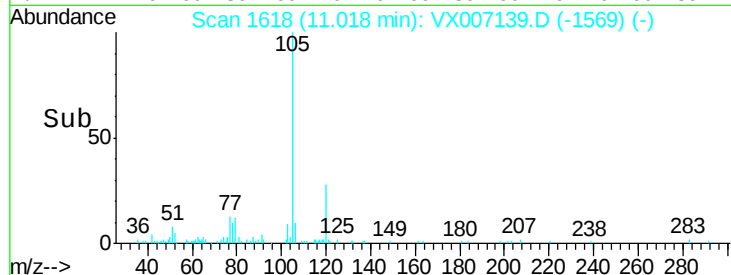
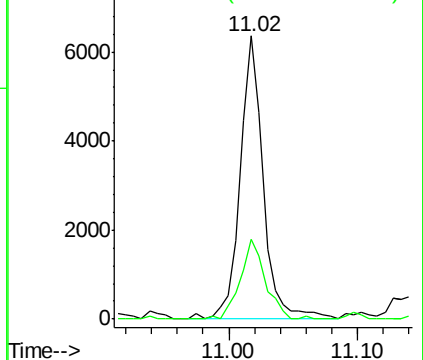
105 100

120 30.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 1.709 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

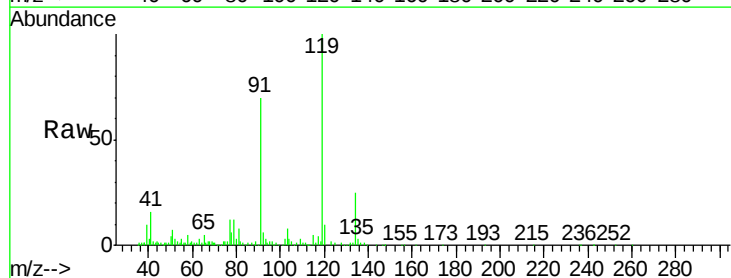
Tgt Ion:119 Resp: 40317

Ion Ratio Lower Upper

119 100

91 66.5 27.7 83.1

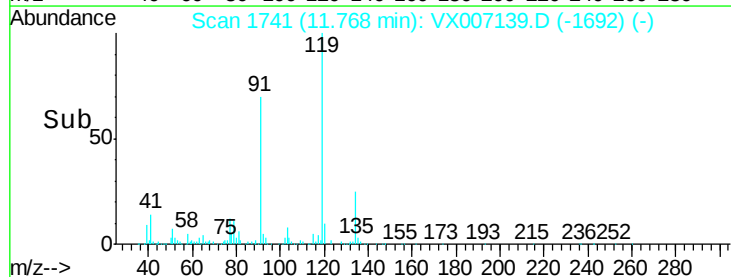
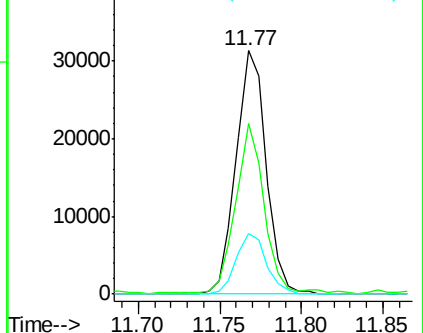
134 25.5 11.9 35.5

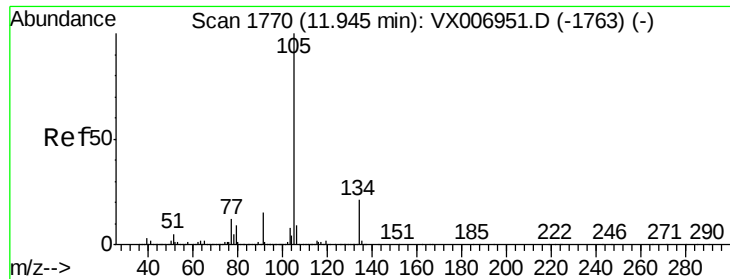


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.477 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

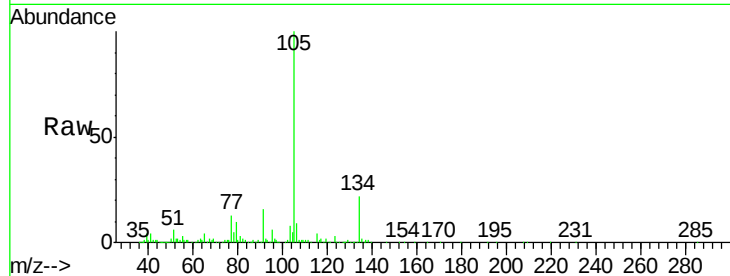
SS038RW016-190116

Tot Ion:105 Resp: 69809

Ion Ratio Lower Upper

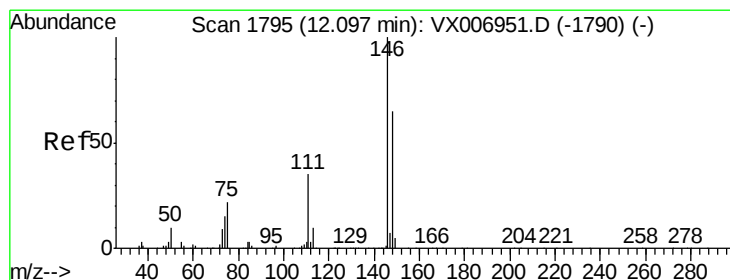
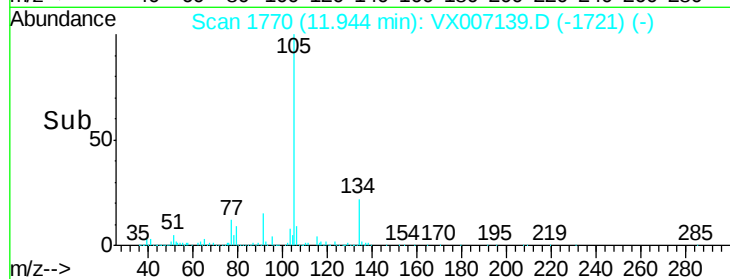
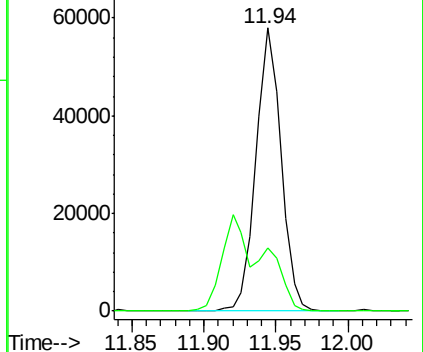
105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#88

1,4-Dichlorobenzene

Concen: 0.679 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

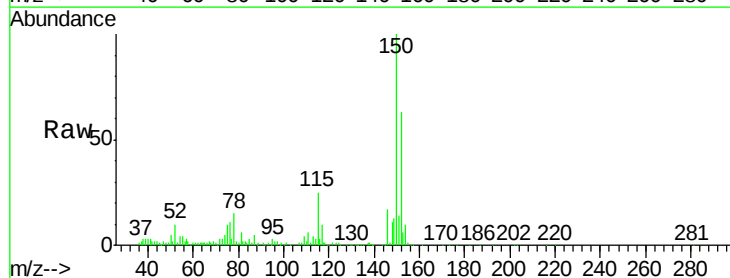
Tgt Ion:146 Resp: 7159

Ion Ratio Lower Upper

146 100

111 106.1 18.1 54.1#

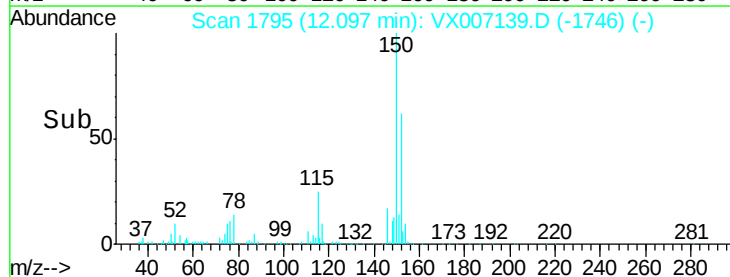
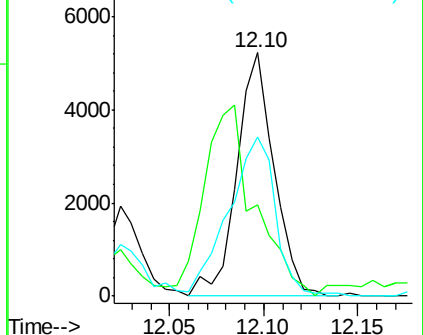
148 82.3 31.9 95.9

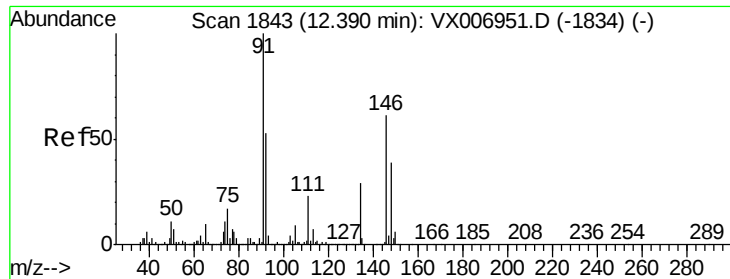


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 0.387 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007139.D

Acq: 18 Jan 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190116

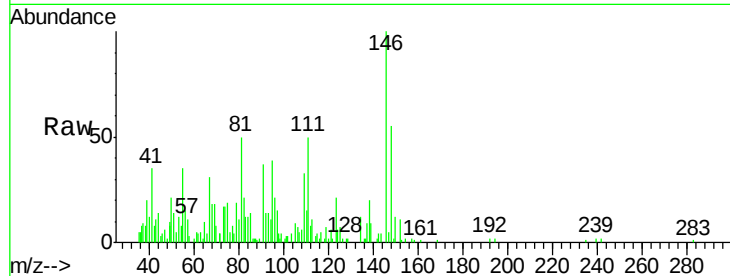
Tot Ion:146 Resp: 5380

Ion Ratio Lower Upper

146 100

111 45.6 19.4 58.2

148 62.4 32.3 96.9

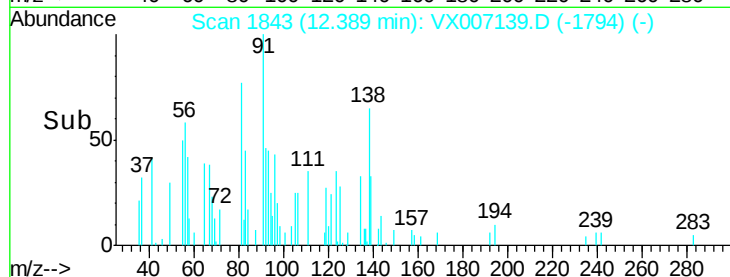


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



Time-->

Time-->

Time-->

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