

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012912.D
 Acq On : 09 Oct 2019 01:12
 Operator : JC/SP
 Sample : K5190-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW1011-20191002

Quant Time: Oct 09 07:29:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	121349	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
35) Dibromofluoromethane	5.49	113	92600	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	8.71	98	367658	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.14	95	129915	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

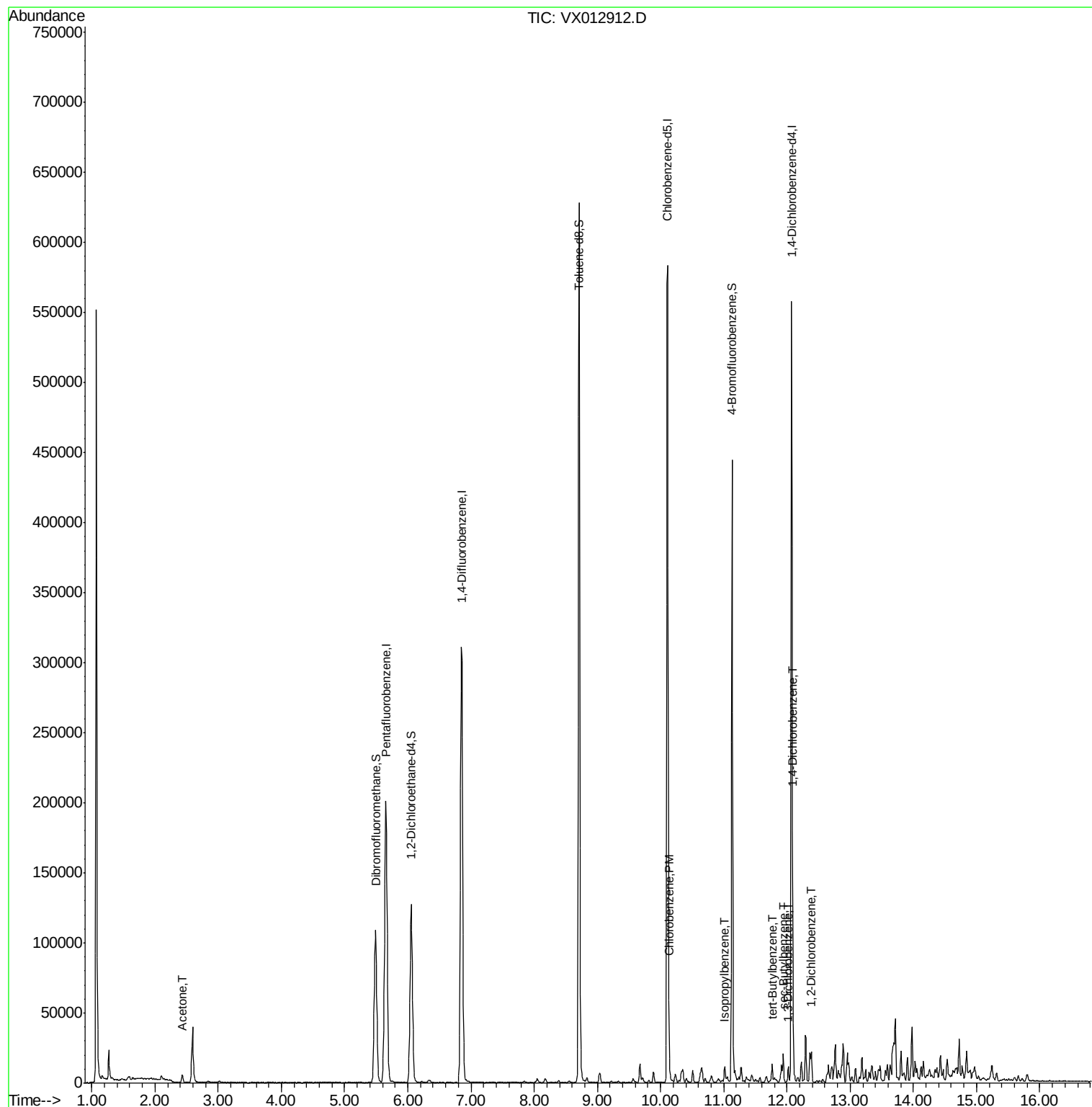
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	5647	4.609	ug/l	98
65) Chlorobenzene	10.14	112	6916	1.285	ug/l	99
73) Isopropylbenzene	11.01	105	6565	0.821	ug/l	96
83) tert-Butylbenzene	11.76	119	4296	0.659	ug/l	81
85) sec-Butylbenzene	11.94	105	9854	1.306	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	3795	1.084	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	13817	3.898	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	5110	1.489	ug/l	98

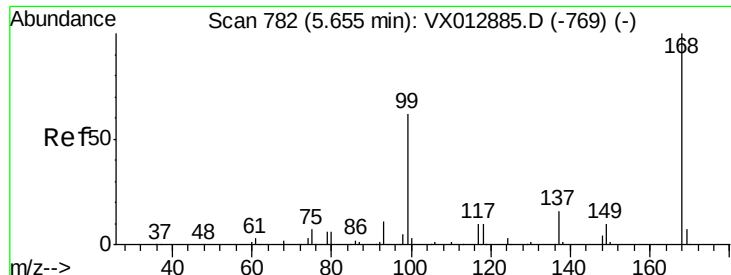
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 07:29:54 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

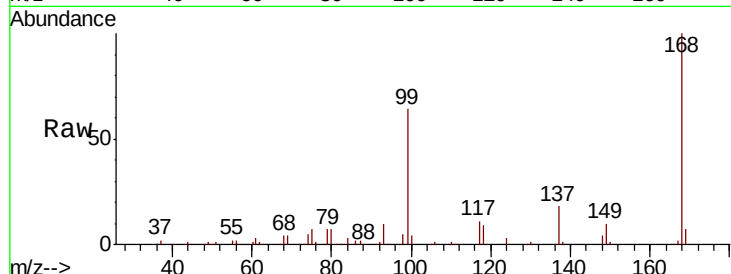
FC-MW1011-20191002

Tot Ion:168 Resp: 185964

Ion Ratio Lower Upper

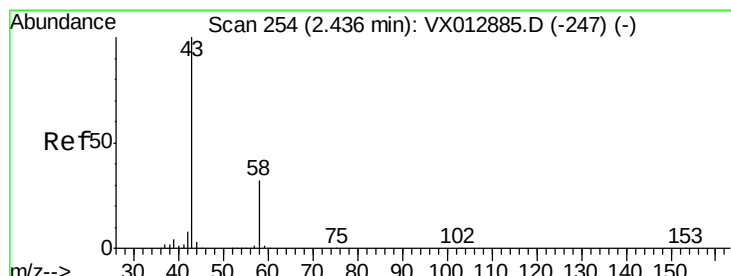
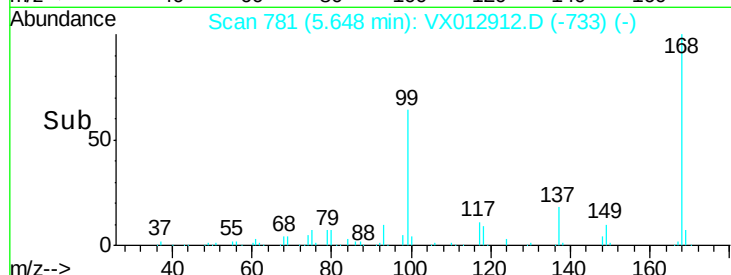
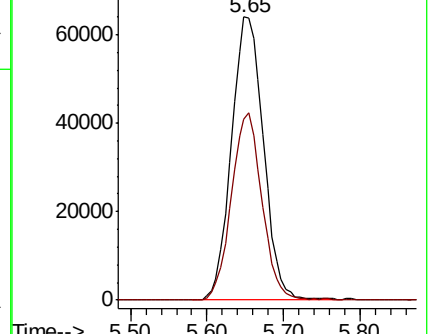
168 100

99 63.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.609 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012912.D

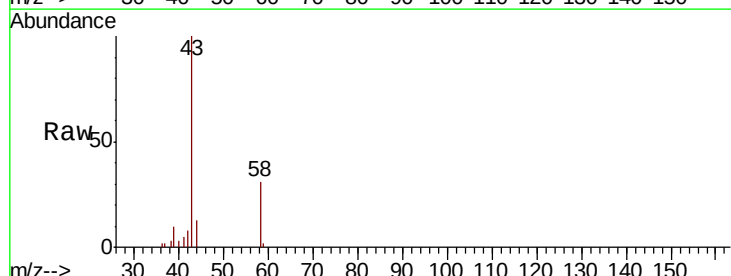
Acq: 09 Oct 2019 01:12

Tgt Ion: 43 Resp: 5647

Ion Ratio Lower Upper

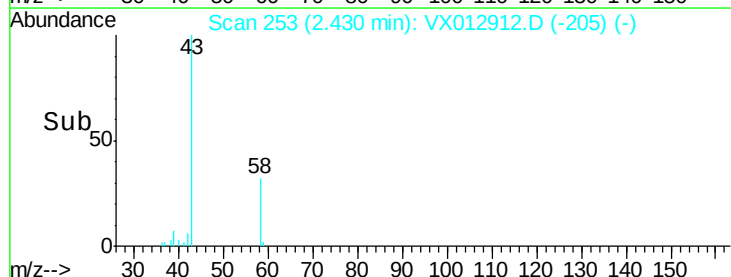
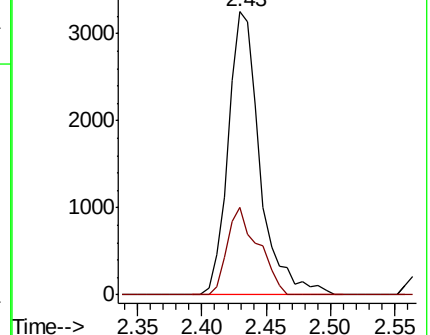
43 100

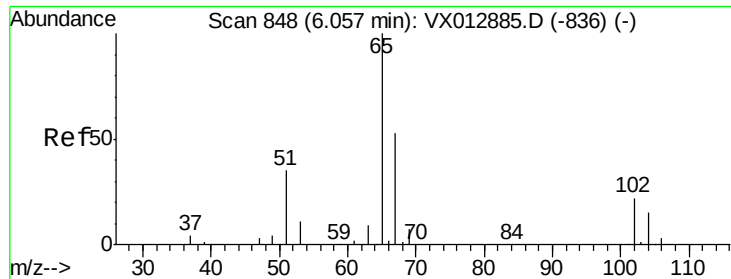
58 30.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

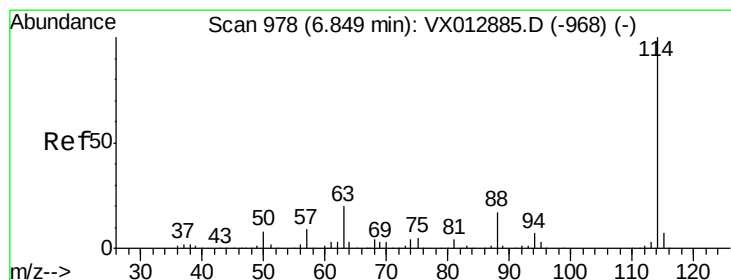
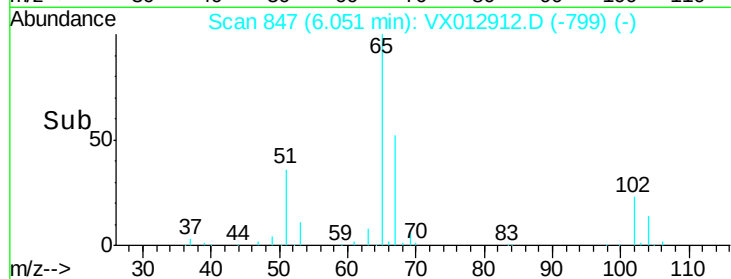
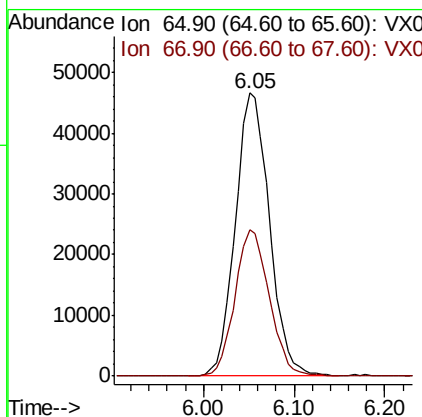
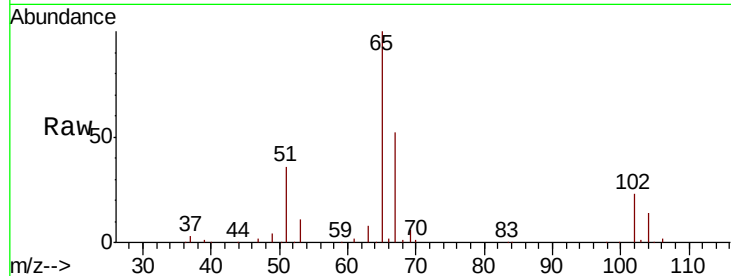




#33
 1,2-Dichloroethane-d4
 Concen: 52.209 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

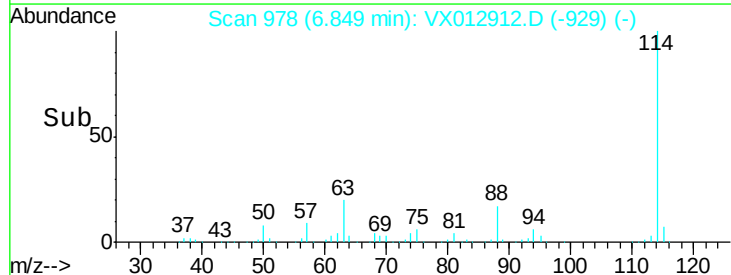
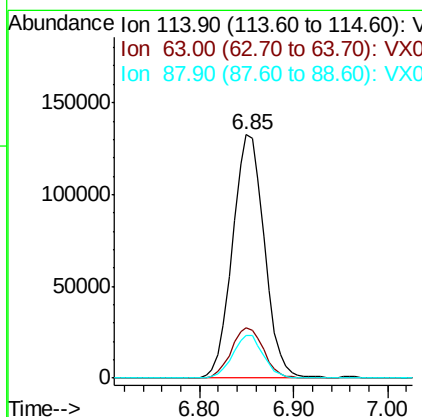
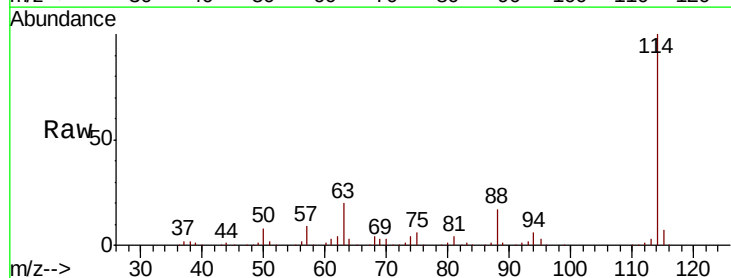
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 MSVOA_X
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 FC-MW1011-20191002

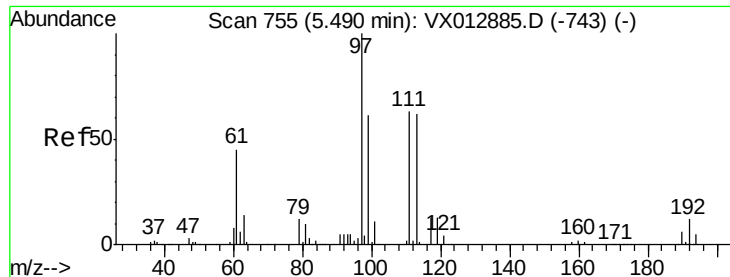
Tot Ion: 65 Resp: 121349
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

Tgt Ion: 114 Resp: 313683
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 17.5 0.0 33.8

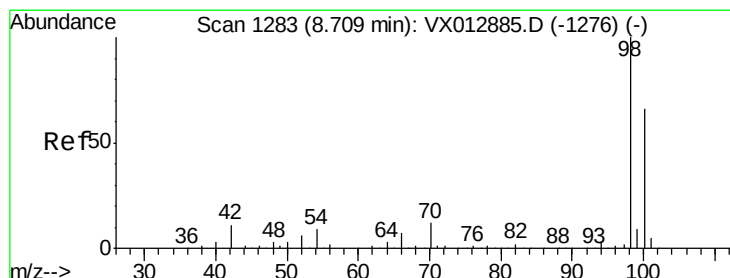
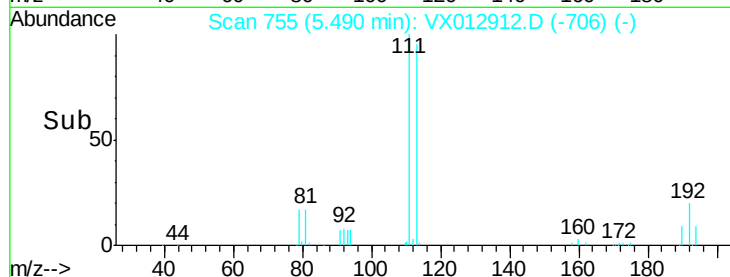
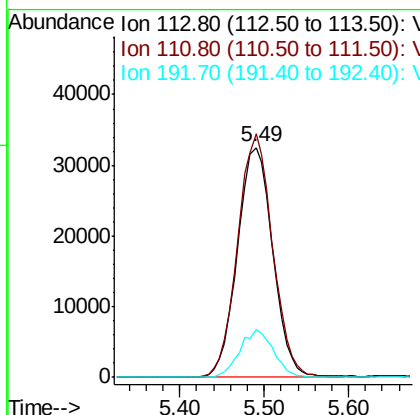
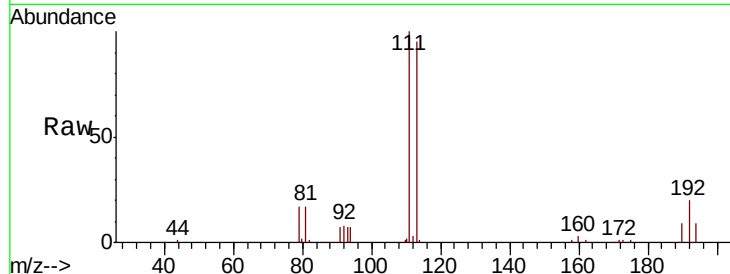




#35
 Dibromofluoromethane
 Concen: 51.434 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

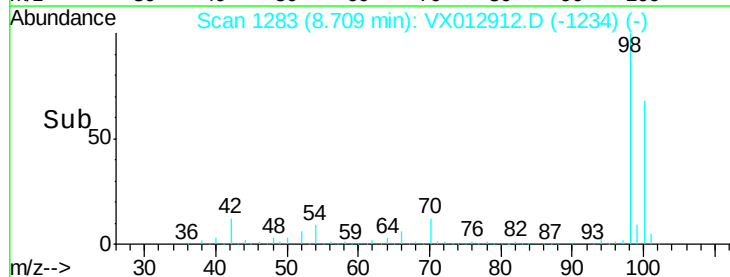
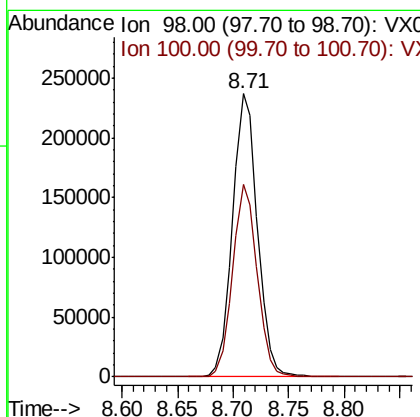
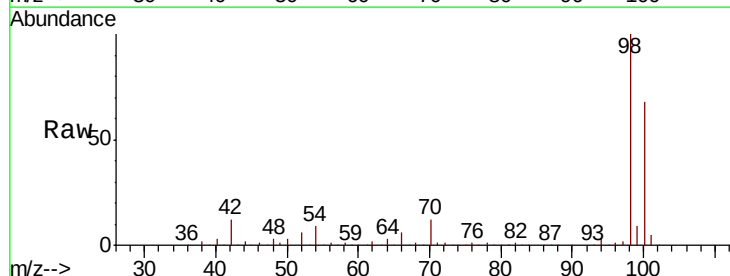
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW1011-20191002

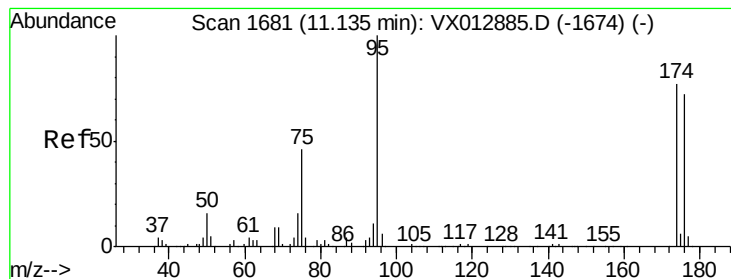
Tot Ion:113 Resp: 92600
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.2 124.8
 192 19.7 15.4 23.2



#50
 Toluene-d8
 Concen: 52.359 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

Tgt Ion: 98 Resp: 367658
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 47.616 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

FC-MW1011-20191002

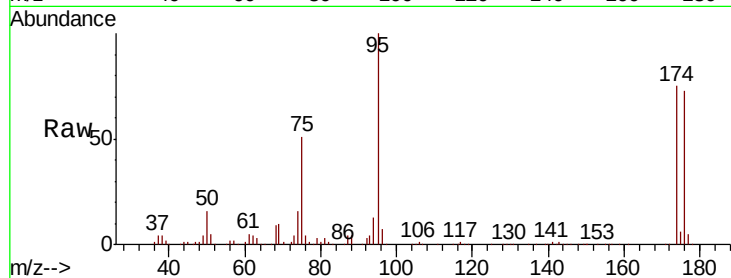
Tot Ion: 95 Resp: 129915

Ion Ratio Lower Upper

95 100

174 70.3 0.0 143.4

176 68.5 0.0 136.0



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

120000

100000

80000

60000

40000

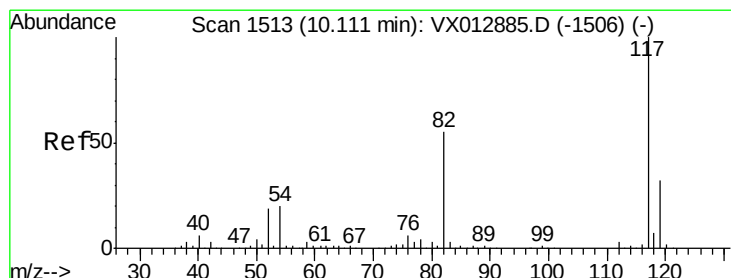
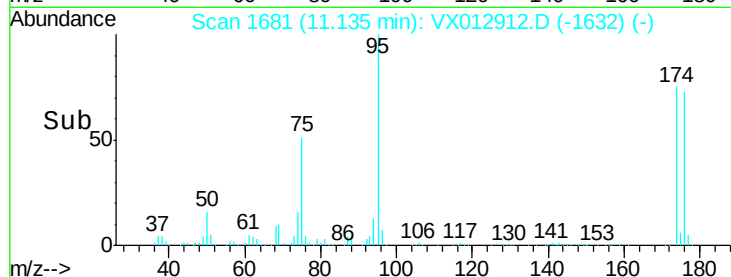
20000

0

11.10

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

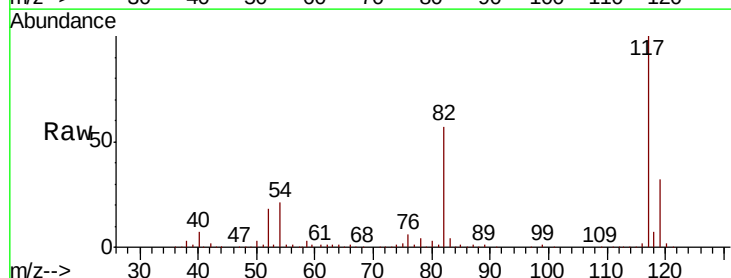
Tgt Ion: 117 Resp: 270937

Ion Ratio Lower Upper

117 100

82 57.4 44.1 66.1

119 31.7 25.8 38.8



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

250000

200000

150000

100000

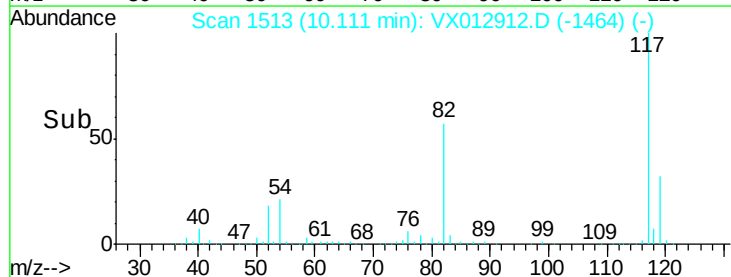
50000

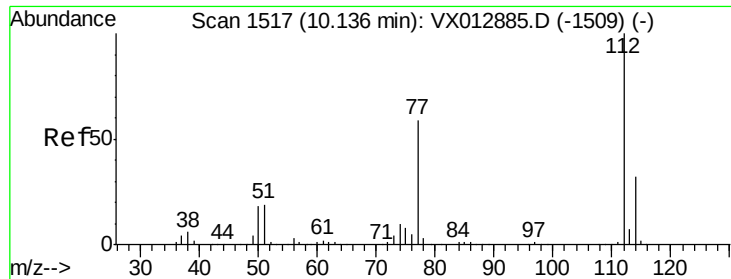
0

10.10

10.20

Time-->





#65

Chlorobenzene

Concen: 1.285 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

Instrument :

MSVOA_X

ClientSampleId :

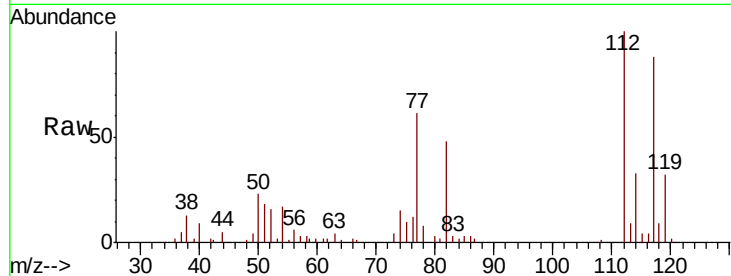
FC-MW1011-20191002

Tot Ion:112 Resp: 6916

Ion Ratio Lower Upper

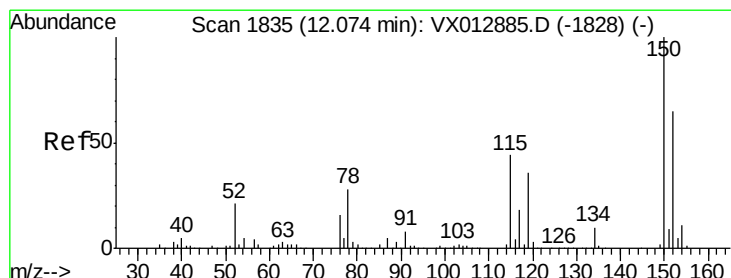
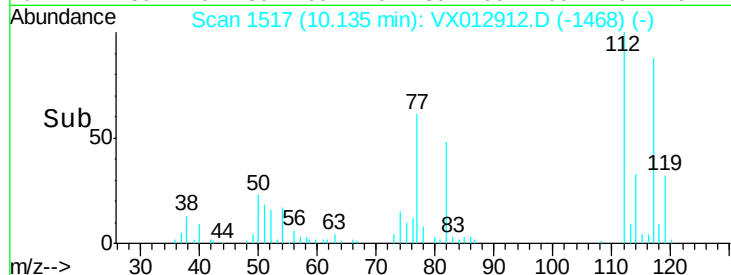
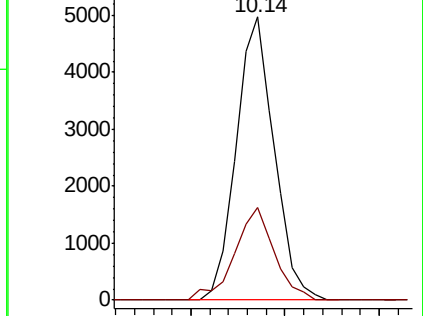
112 100

114 32.5 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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

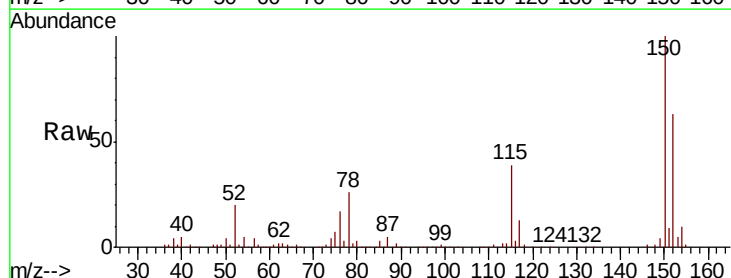
Tgt Ion:152 Resp: 108782

Ion Ratio Lower Upper

152 100

115 64.0 44.5 133.5

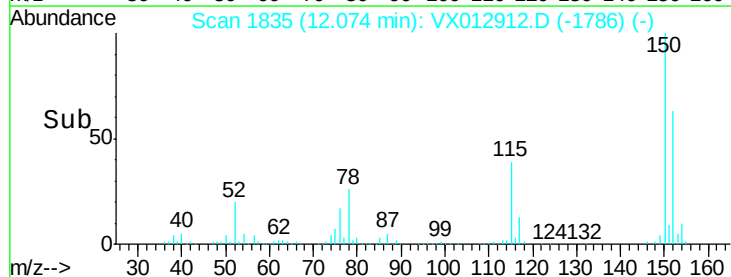
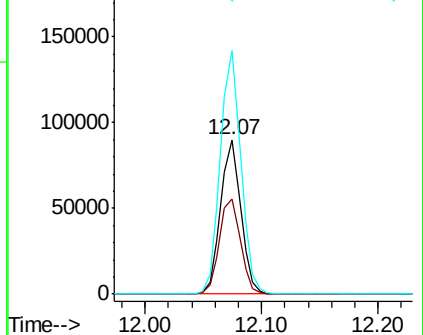
150 159.2 0.0 353.4

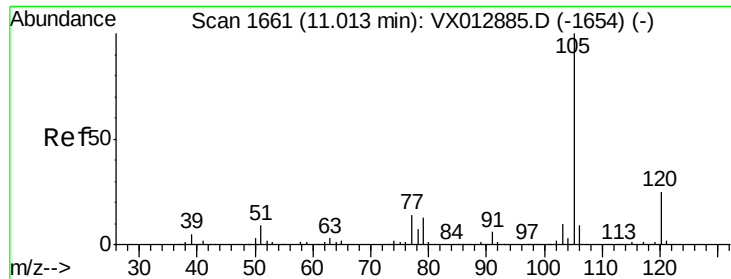


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.821 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

Instrument :

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ClientSampleId :

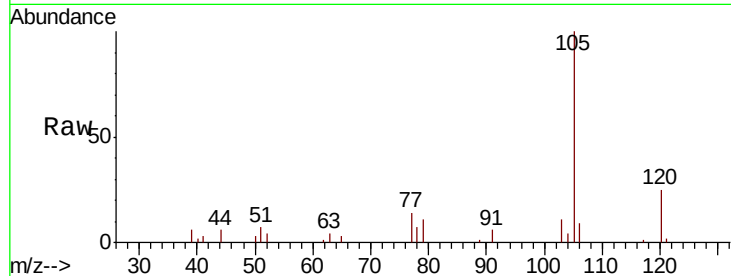
FC-MW1011-20191002

Tot Ion:105 Resp: 6565

Ion Ratio Lower Upper

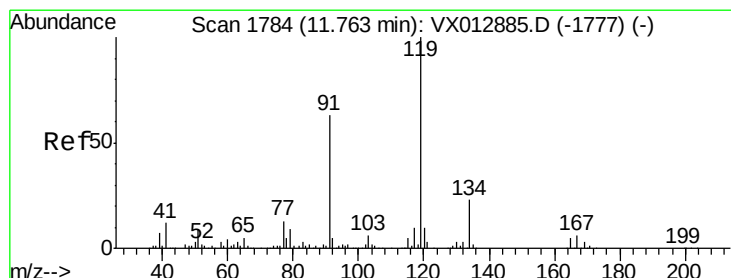
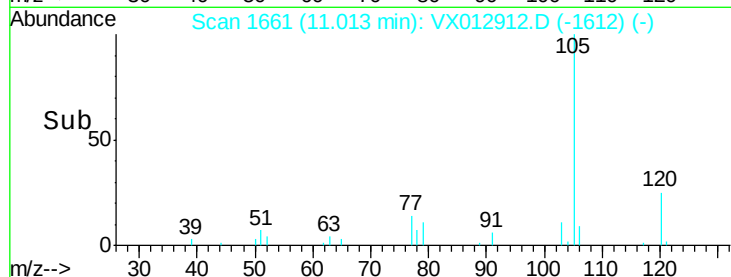
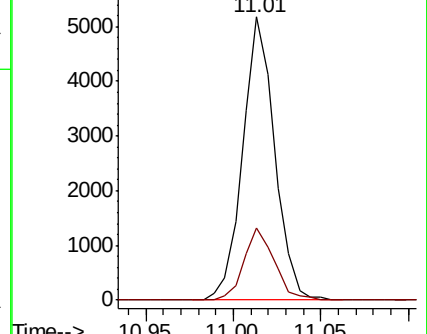
105 100

120 24.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.659 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX012912.D

Acq: 09 Oct 2019 01:12

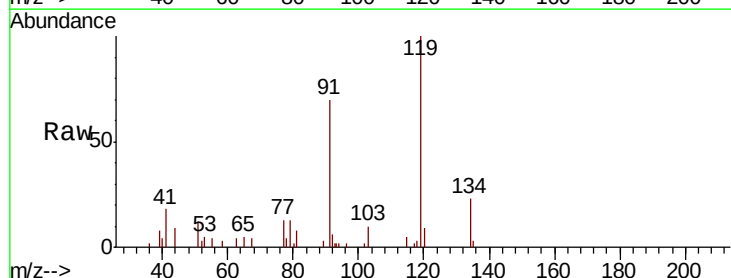
Tgt Ion:119 Resp: 4296

Ion Ratio Lower Upper

119 100

91 76.2 29.3 87.9

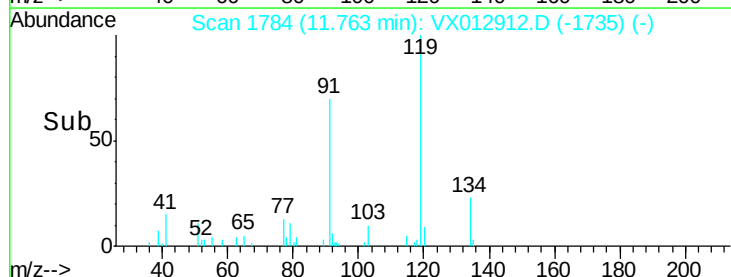
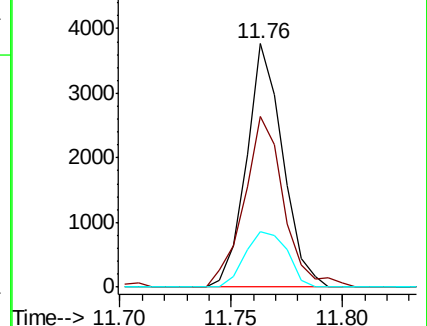
134 26.2 11.5 34.4

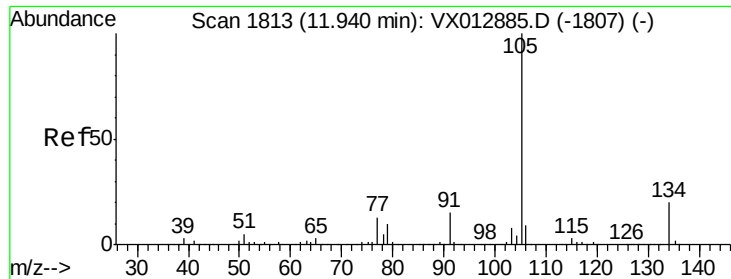


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

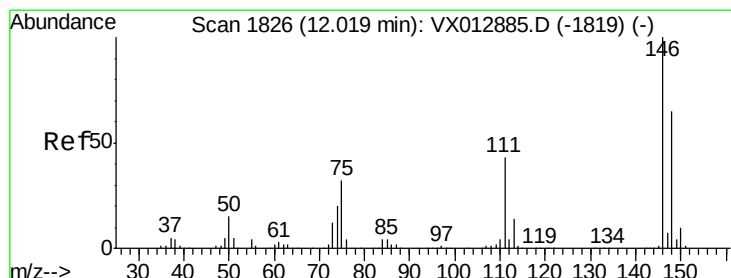
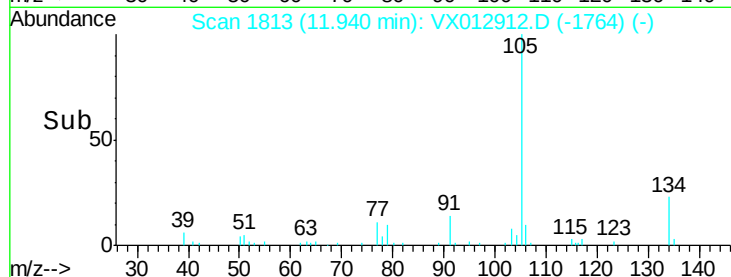
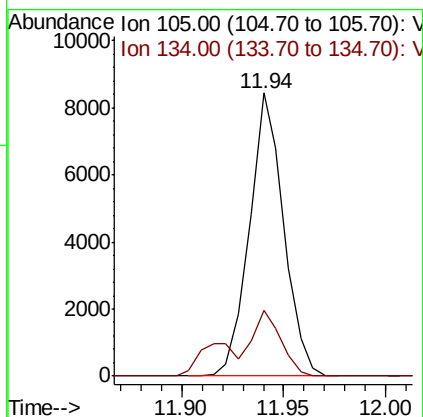
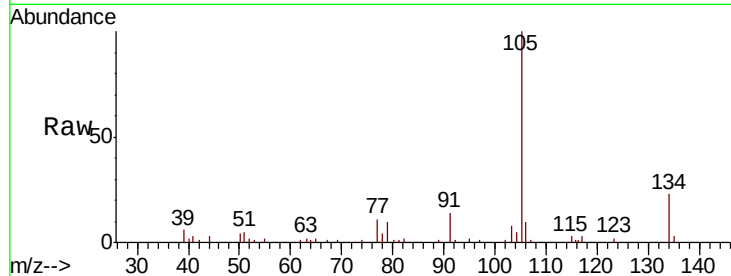




#85
 sec-Butylbenzene
 Concen: 1.306 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

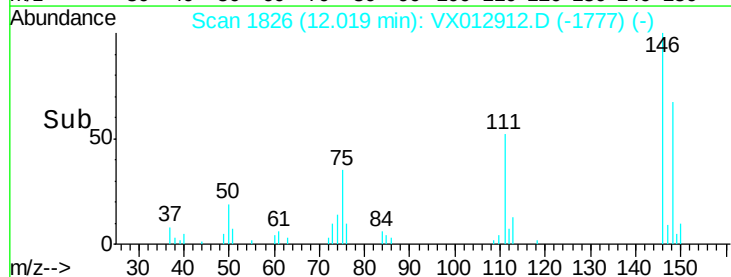
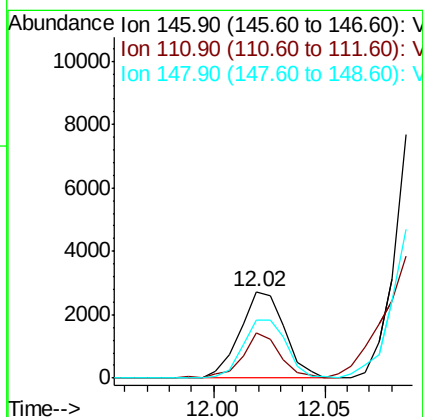
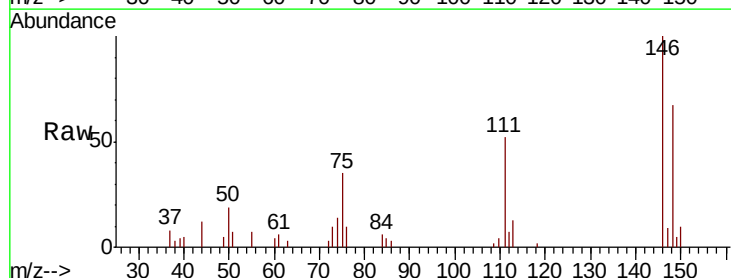
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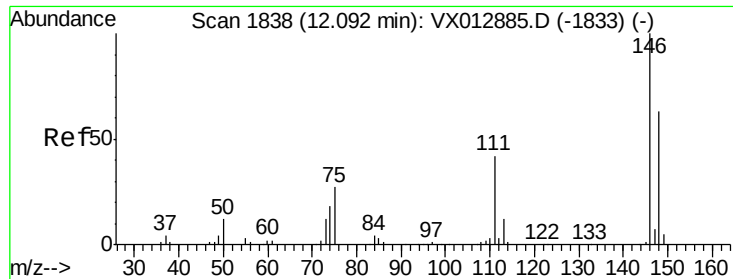
Tot Ion:105 Resp: 9854
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 30.0



#87
 1,3-Dichlorobenzene
 Concen: 1.084 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

Tgt Ion:146 Resp: 3795
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.1 63.4
 148 65.9 31.6 95.0

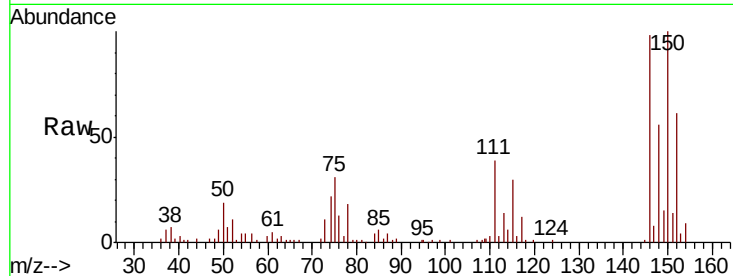




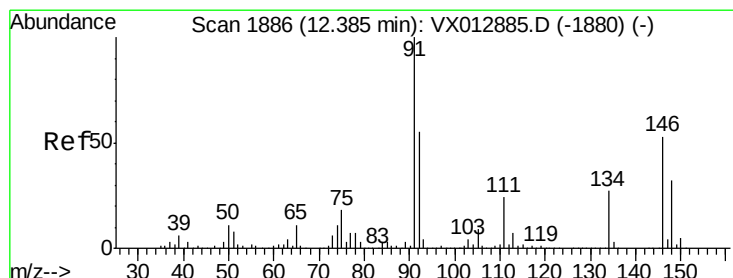
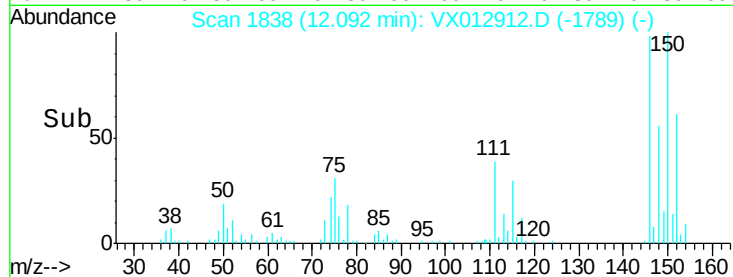
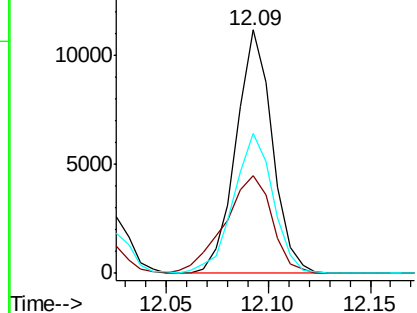
#88
 1,4-Dichlorobenzene
 Concen: 3.898 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW1011-20191002

Tot Ion:146 Resp: 13817
 Ion Ratio Lower Upper
 146 100
 111 52.5 21.4 64.3
 148 62.6 32.1 96.5

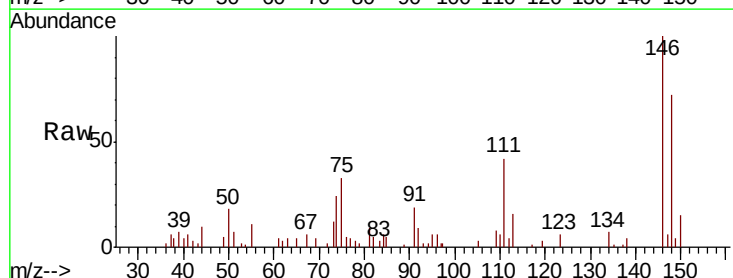


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#91
 1,2-Dichlorobenzene
 Concen: 1.489 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012912.D
 Acq: 09 Oct 2019 01:12

Tgt Ion:146 Resp: 5110
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.7 68.0
 148 60.9 31.6 94.7



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

