

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014154.D
 Acq On : 20 Dec 2019 05:39
 Operator : JC/SP
 Sample : K6372-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13D

Quant Time: Dec 20 07:40:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

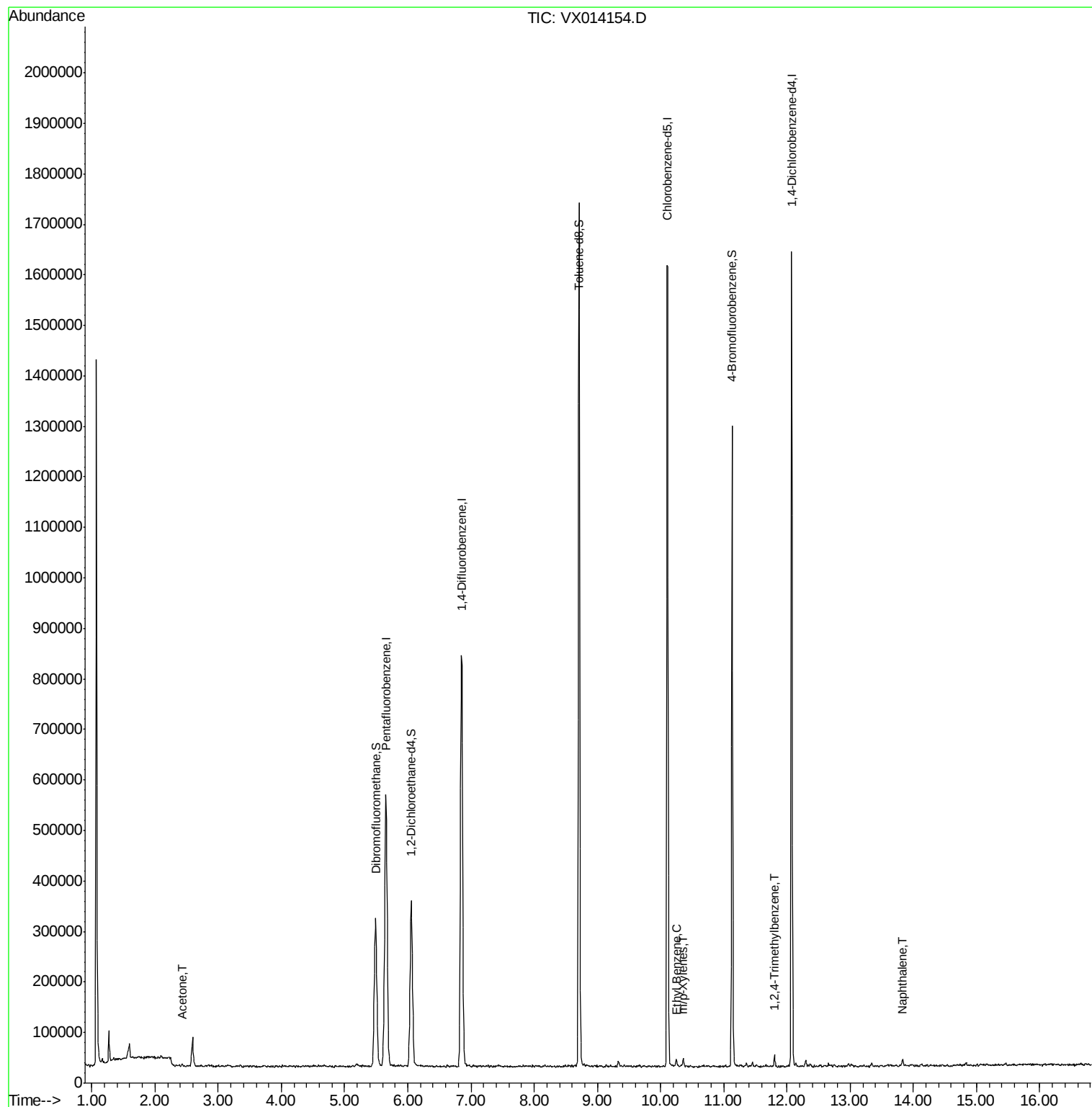
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	857577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	306675	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.49	113	250801	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	1000336	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.14	95	336541	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	5954	1.447	ug/l #	80
67) Ethyl Benzene	10.25	91	11146	0.402	ug/l	100
68) m/p-Xylenes	10.35	106	5170	0.485	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	11460	0.577	ug/l	95
95) Naphthalene	13.83	128	10268	0.470	ug/l #	92

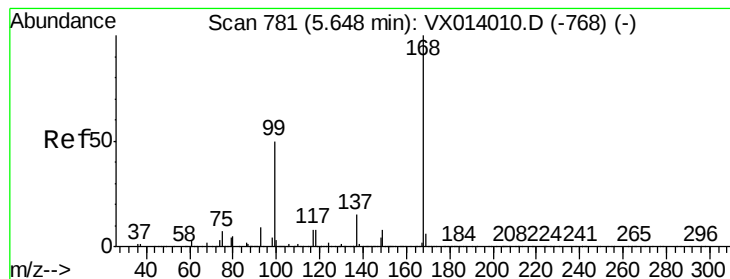
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

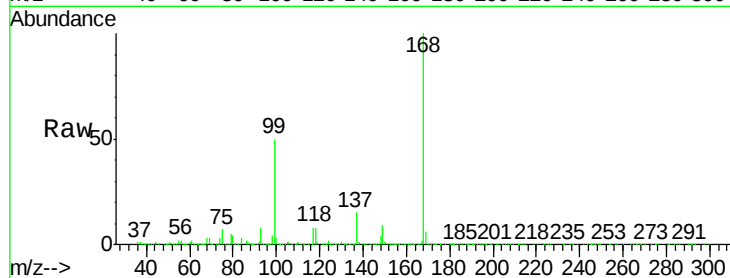
MW-13D

Tot Ion:168 Resp: 559251

Ion Ratio Lower Upper

168 100

99 49.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

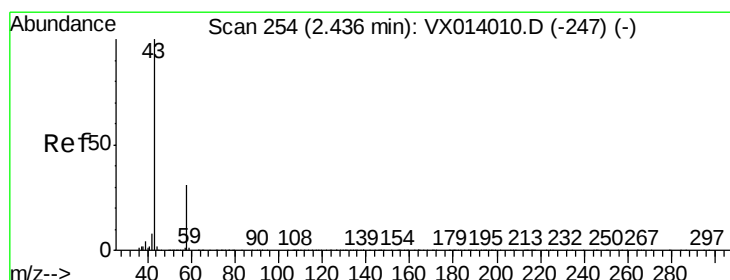
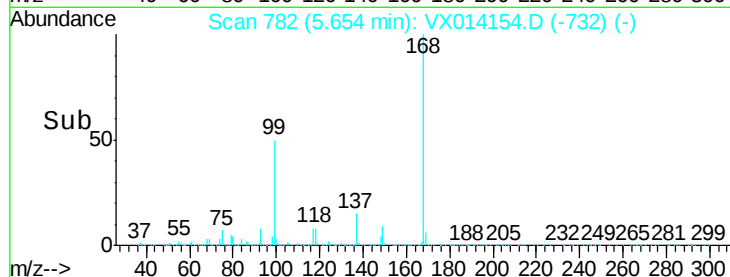
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.447 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014154.D

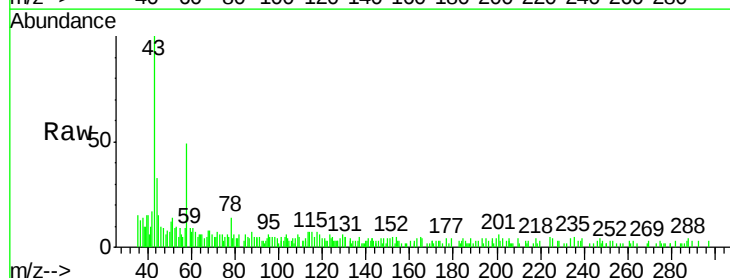
Acq: 20 Dec 2019 05:39

Tgt Ion: 43 Resp: 5954

Ion Ratio Lower Upper

43 100

58 42.2 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

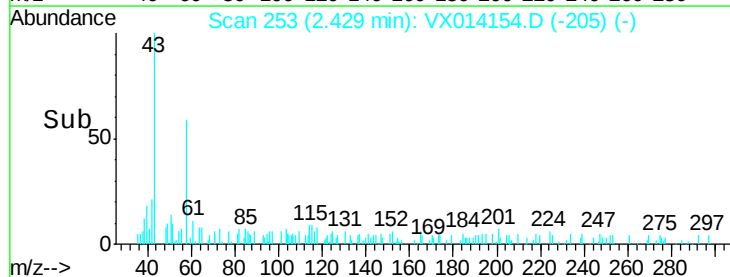
2000

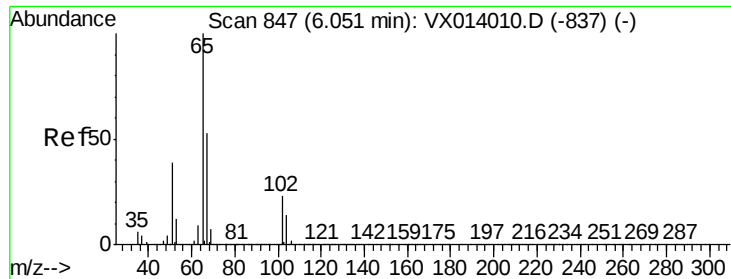
1000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.384 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampled :

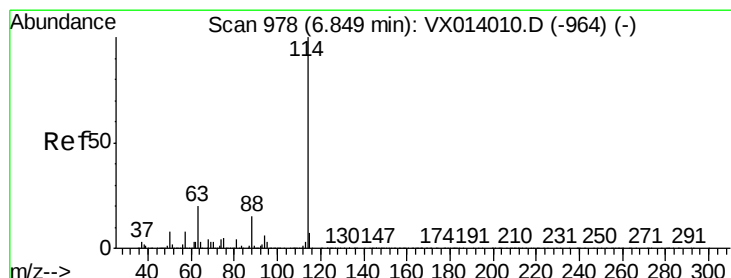
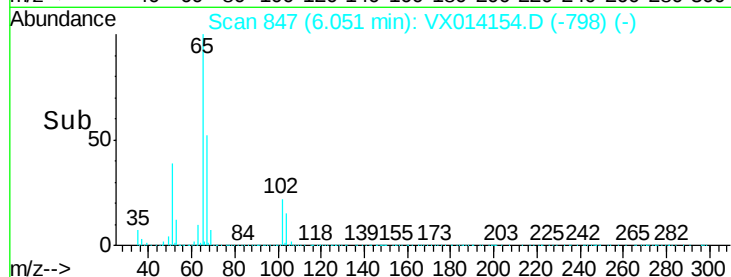
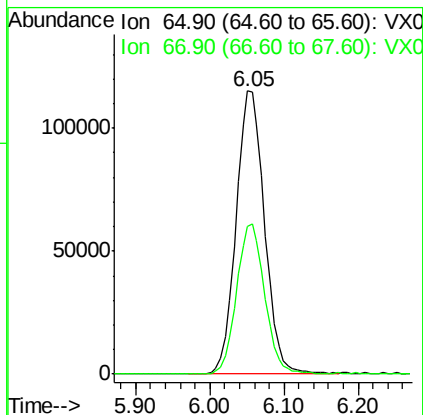
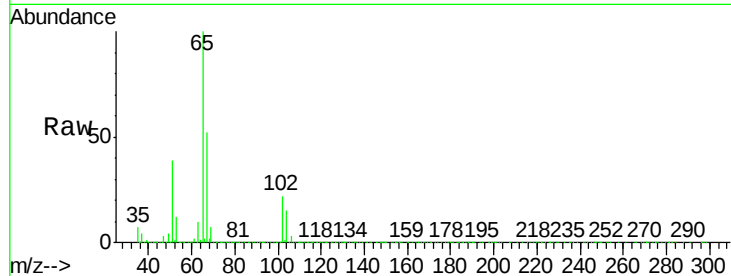
MW-13D

Tot Ion: 65 Resp: 306675

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

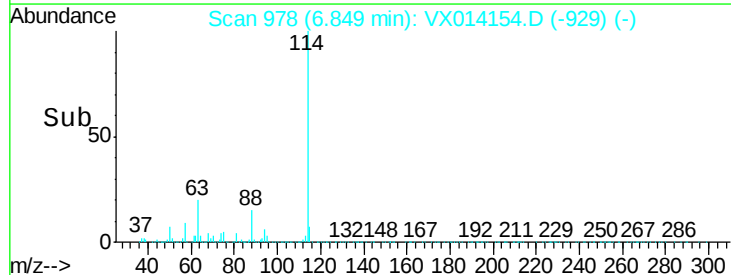
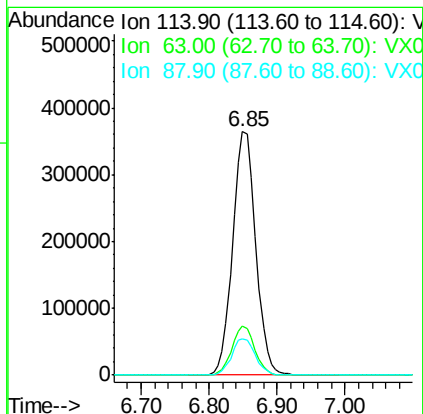
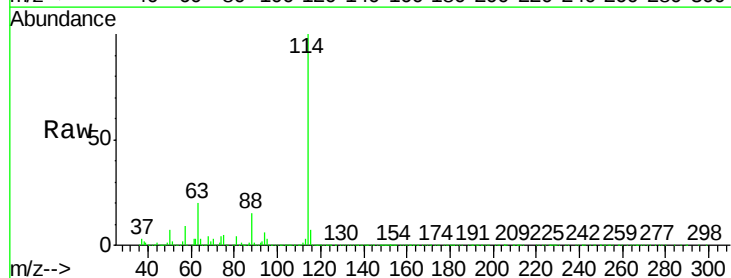
Tgt Ion: 114 Resp: 857577

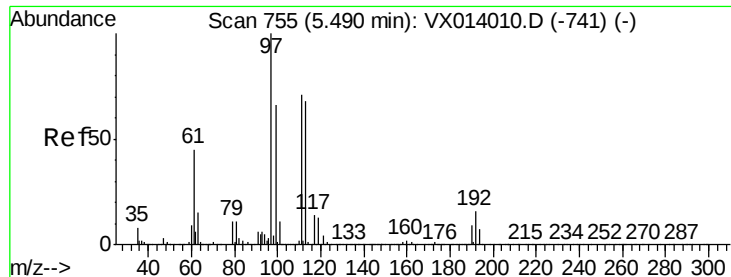
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.110 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

MW-13D

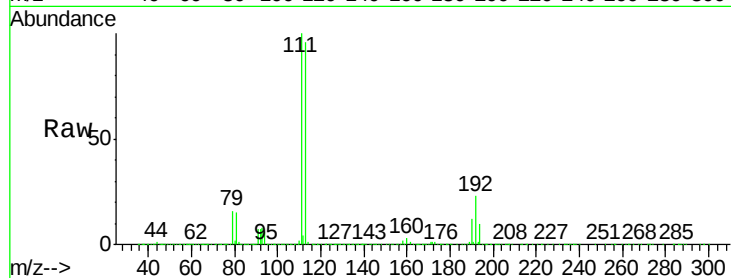
Tot Ion:113 Resp: 250801

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

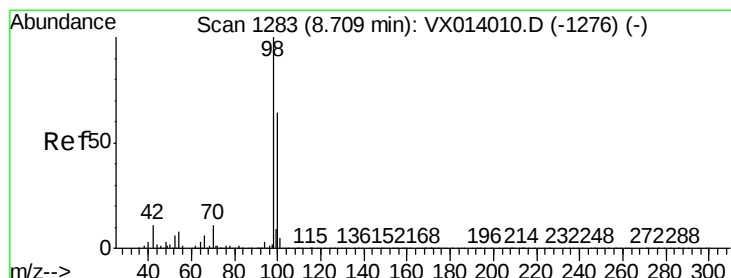
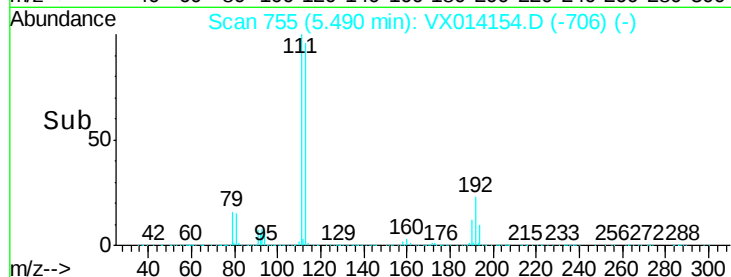
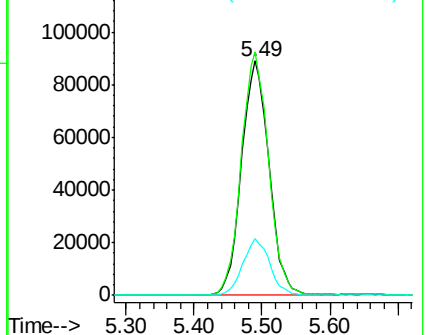
192 23.4 19.3 28.9



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



#50

Toluene-d8

Concen: 49.287 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014154.D

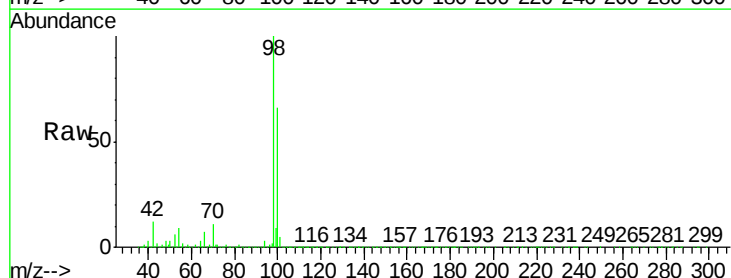
Acq: 20 Dec 2019 05:39

Tgt Ion: 98 Resp: 1000336

Ion Ratio Lower Upper

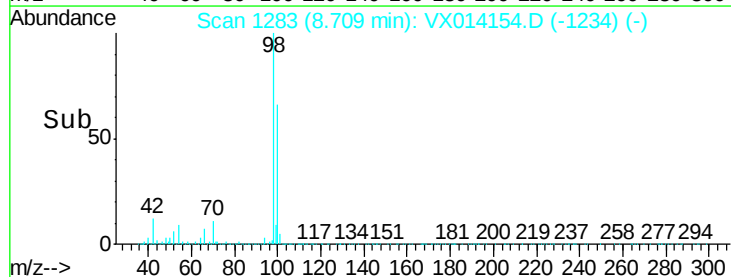
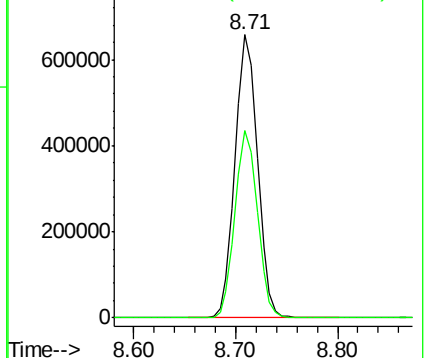
98 100

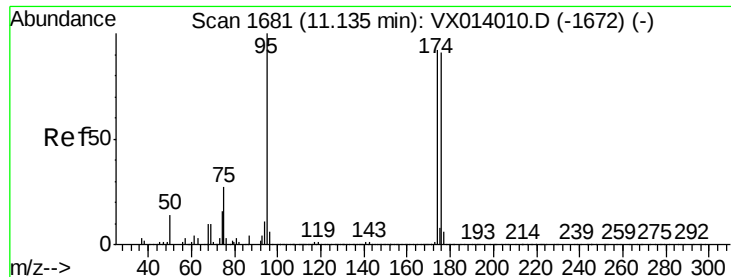
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.362 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

MW-13D

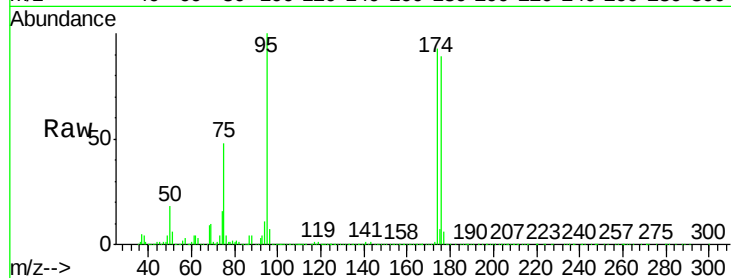
Tot Ion: 95 Resp: 336541

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

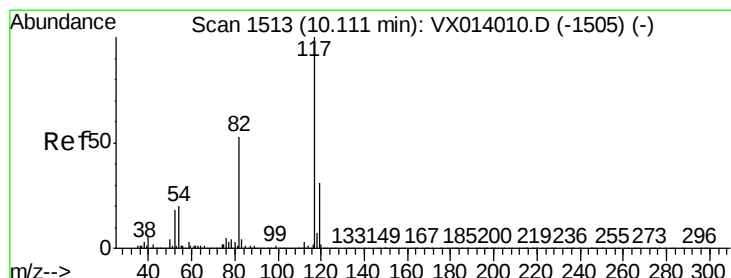
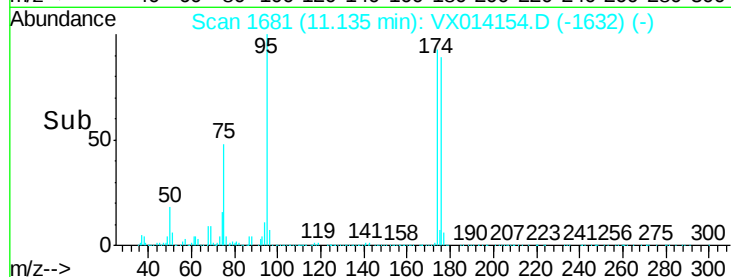
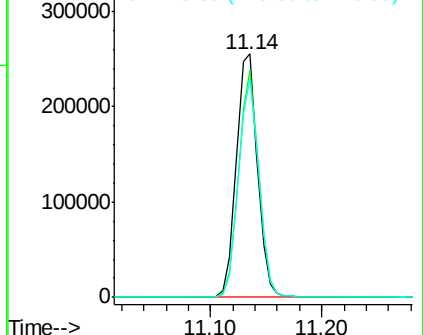
176 86.5 0.0 173.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

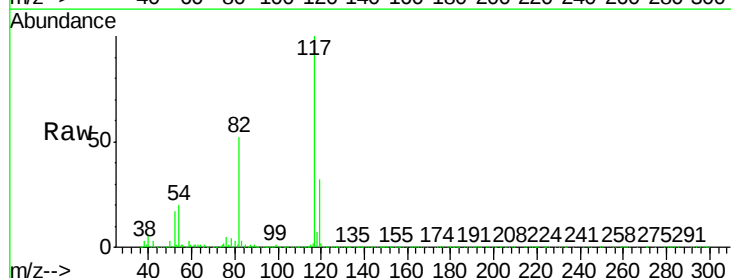
Tgt Ion: 117 Resp: 758188

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

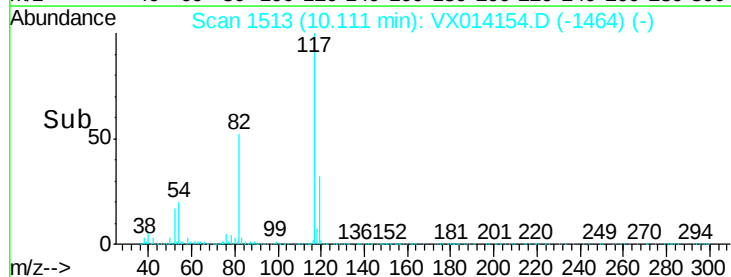
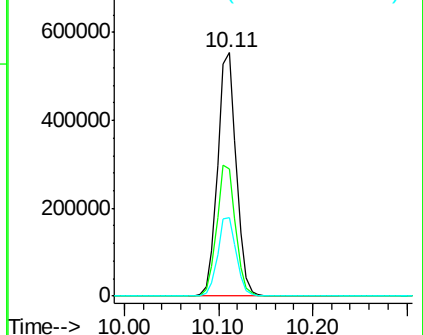
119 32.4 25.1 37.7

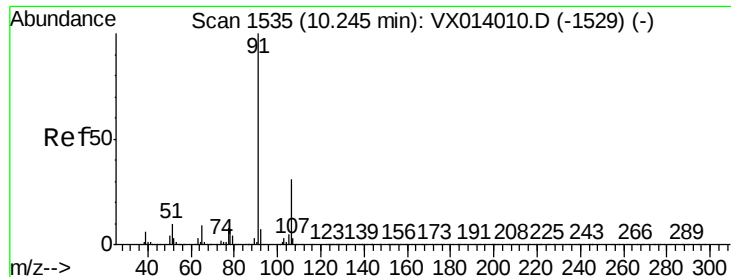


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 0.402 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

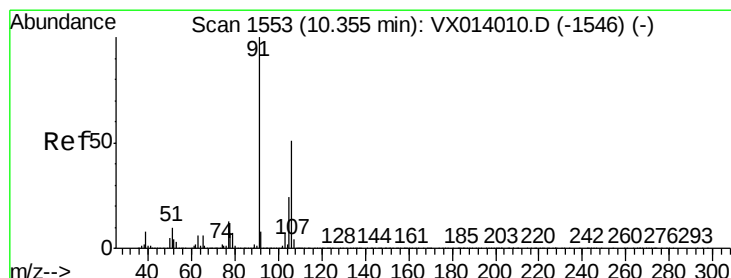
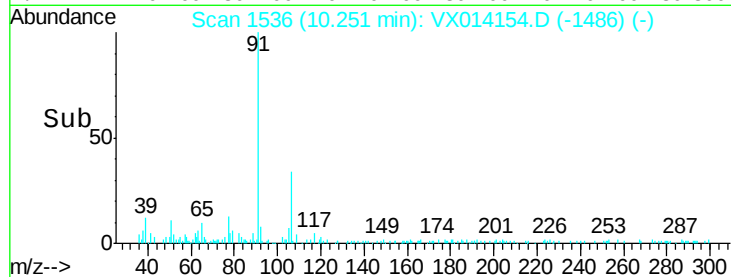
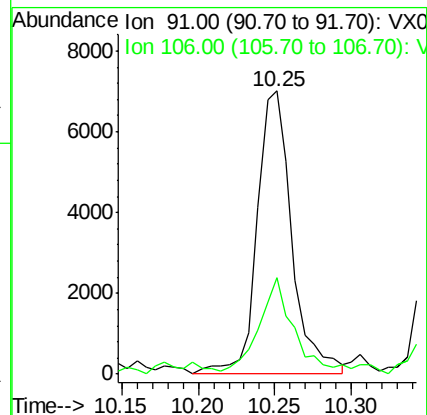
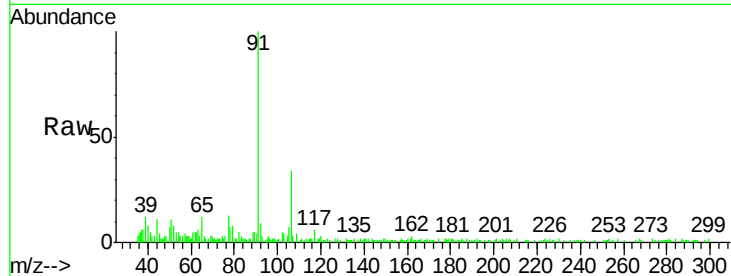
MW-13D

Tot Ion: 91 Resp: 11146

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 0.485 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014154.D

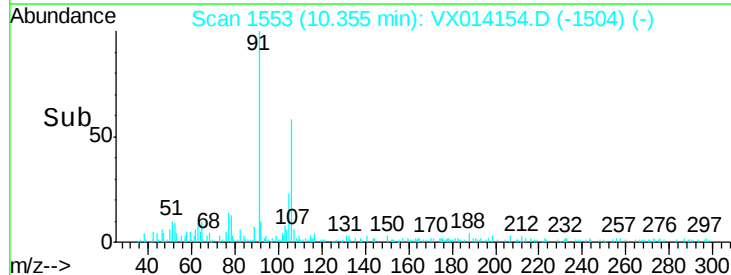
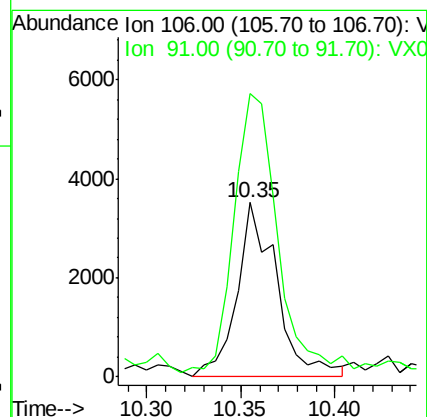
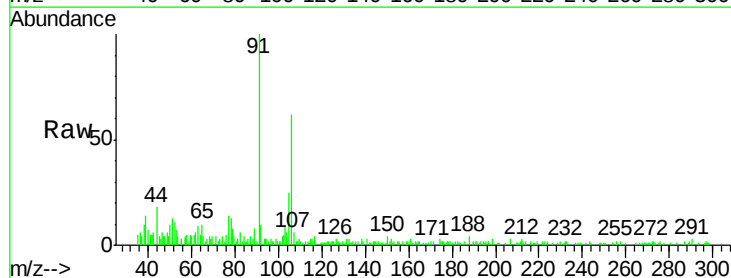
Acq: 20 Dec 2019 05:39

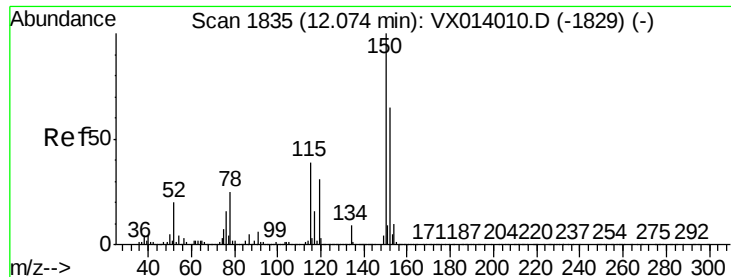
Tgt Ion: 106 Resp: 5170

Ion Ratio Lower Upper

106 100

91 175.8 158.6 238.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

Instrument :

MSVOA_X

ClientSampleId :

MW-13D

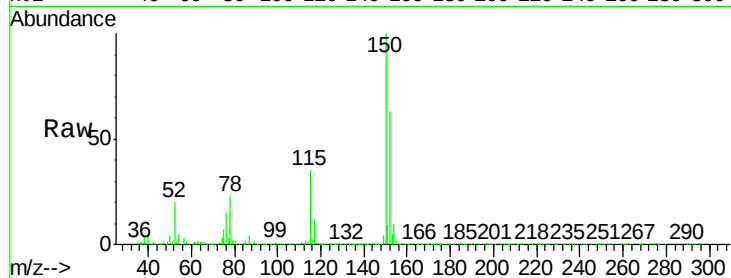
Tot Ion:152 Resp: 334565

Ion Ratio Lower Upper

152 100

115 55.8 38.3 114.9

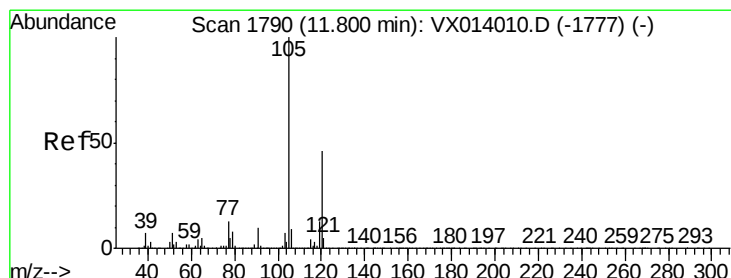
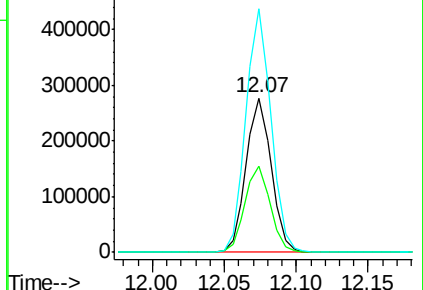
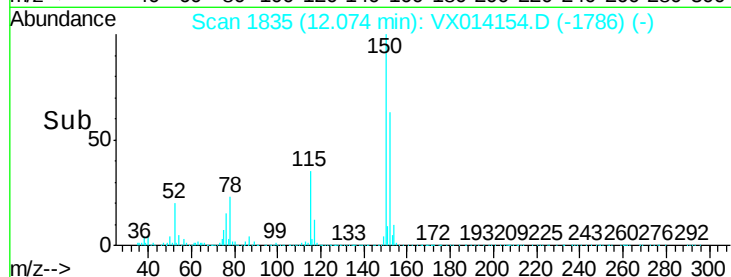
150 157.2 0.0 345.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.577 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX014154.D

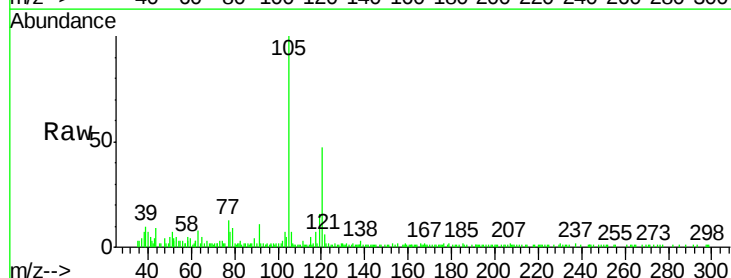
Acq: 20 Dec 2019 05:39

Tgt Ion:105 Resp: 11460

Ion Ratio Lower Upper

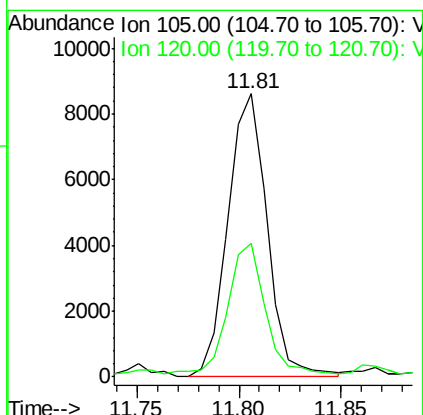
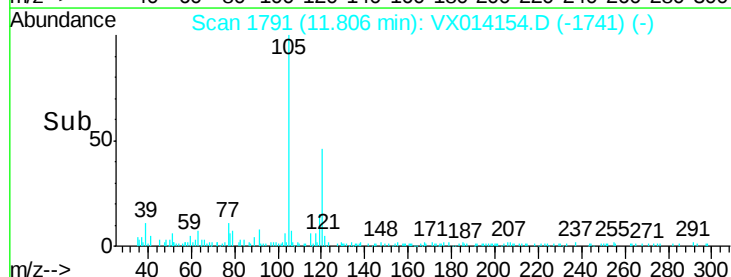
105 100

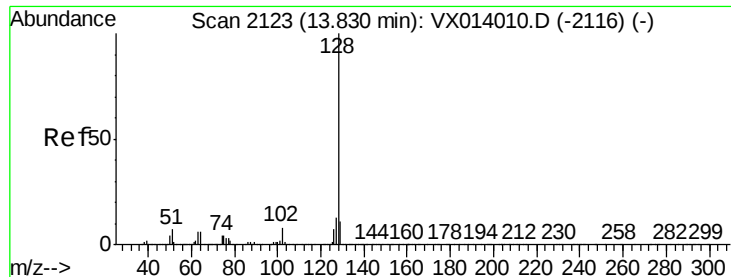
120 42.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.470 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014154.D

Acq: 20 Dec 2019 05:39

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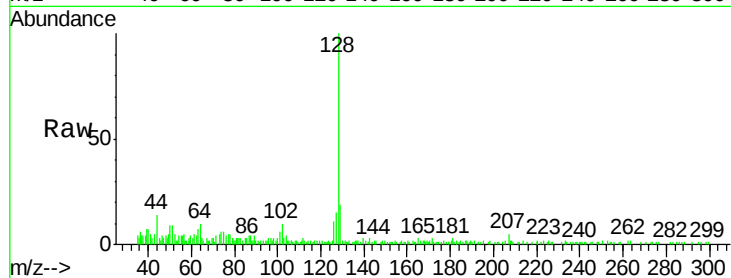
Tot Ion:128 Resp: 10268

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 16.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

