

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014247.D
 Acq On : 24 Dec 2019 16:01
 Operator : JC/SP
 Sample : K6405-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

Quant Time: Dec 25 07:38:43 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

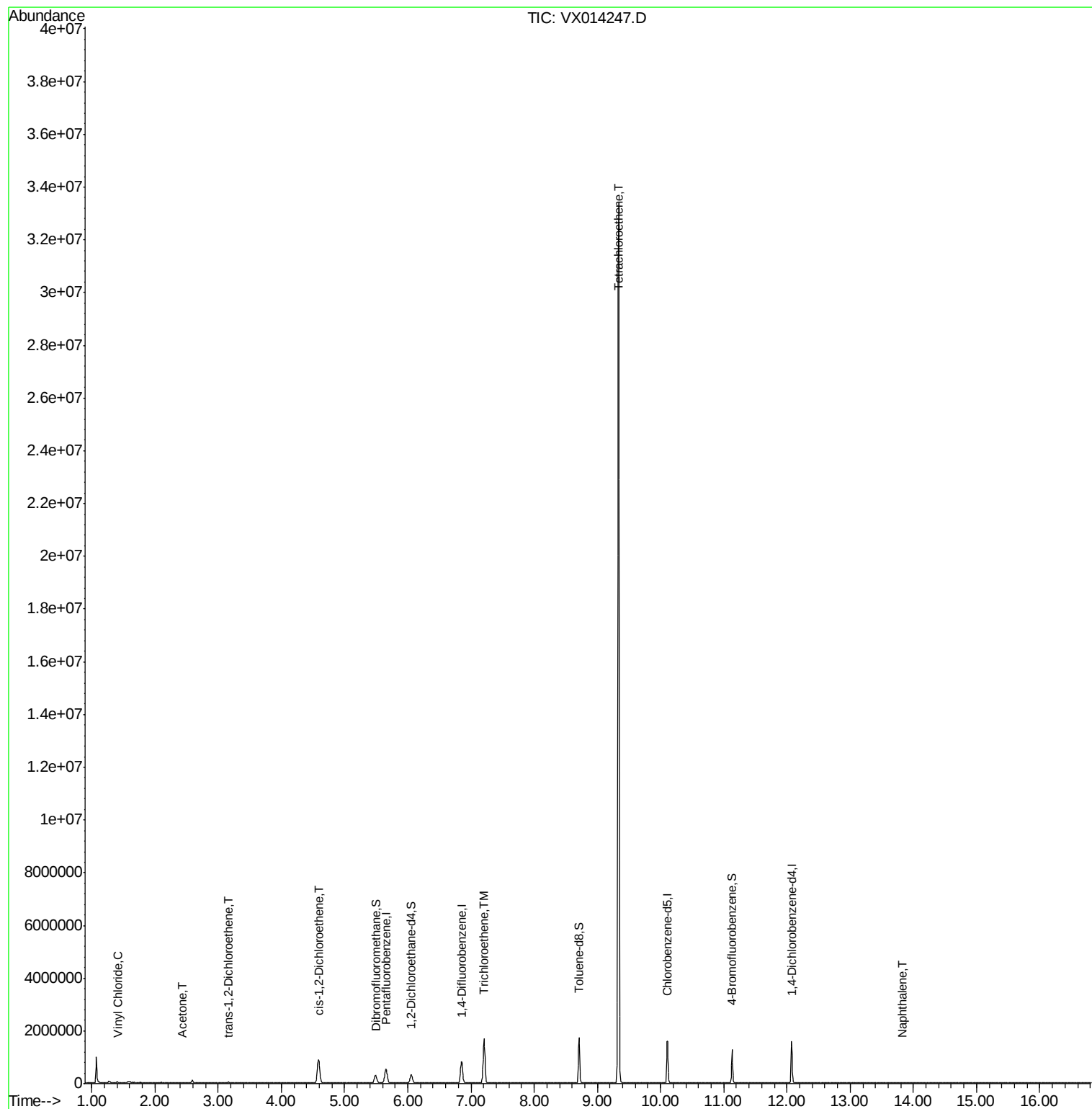
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	550345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	302751	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	248395	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	1002051	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	342415	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	8574	1.230	ug/l	92
16) Acetone	2.44	43	14520	3.586	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	16235	2.784	ug/l	87
27) cis-1,2-Dichloroethene	4.58	96	556313	84.340	ug/l	90
44) Trichloroethene	7.21	130	664771	101.100	ug/l	98
64) Tetrachloroethene	9.34	164	6721041	1013.701	ug/l	97
95) Naphthalene	13.83	128	5423	0.247	ug/l #	91

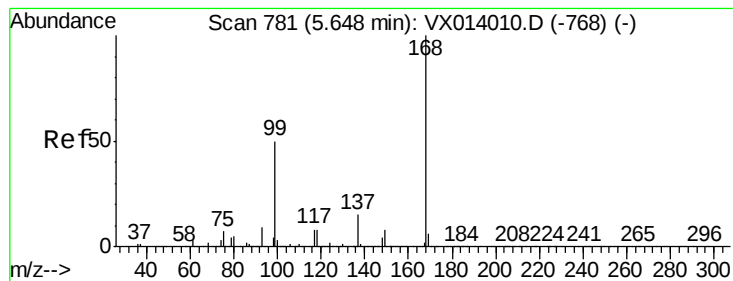
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

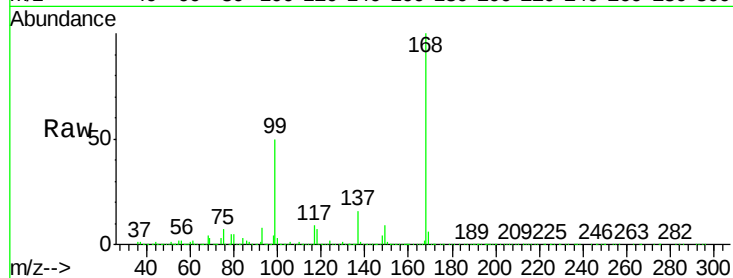
991-MW-01-(23)

Tot Ion:168 Resp: 550345

Ion Ratio Lower Upper

168 100

99 50.3 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

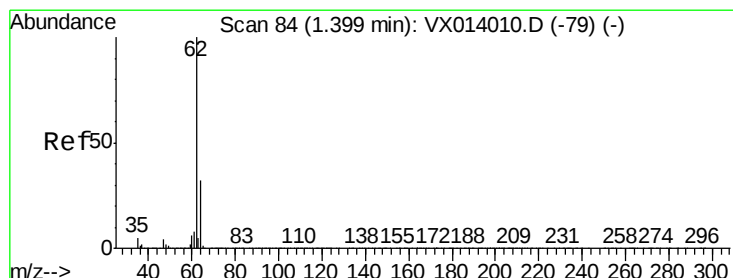
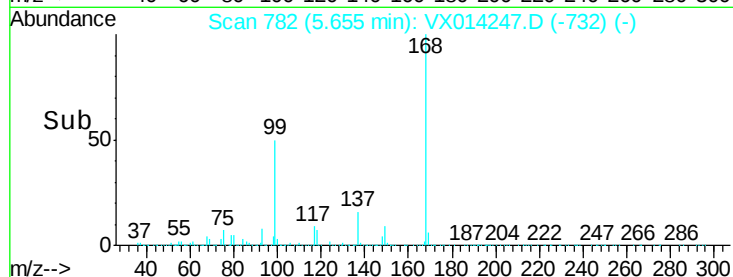
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.230 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014247.D

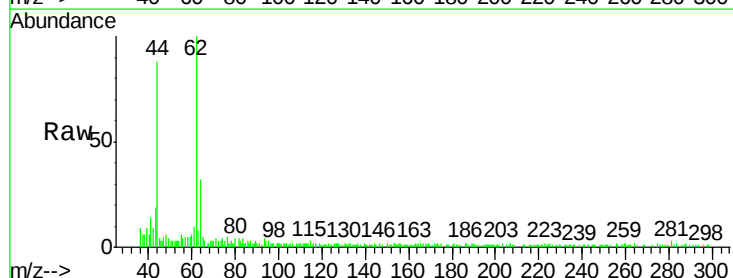
Acq: 24 Dec 2019 16:01

Tgt Ion: 62 Resp: 8574

Ion Ratio Lower Upper

62 100

64 27.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

10000

8000

6000

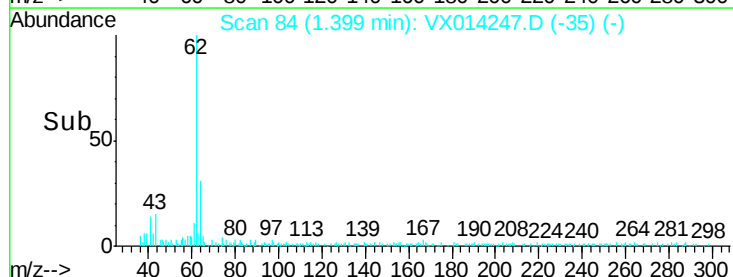
4000

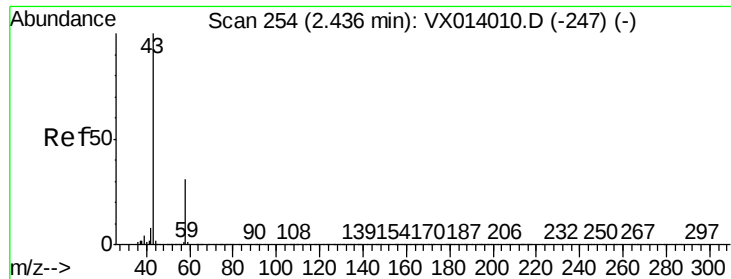
2000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 3.586 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

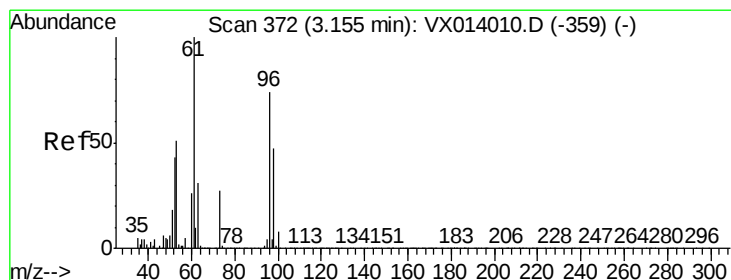
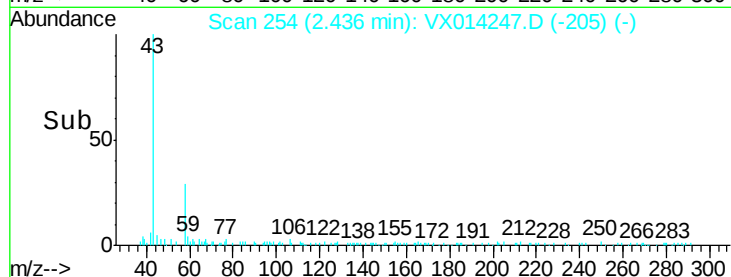
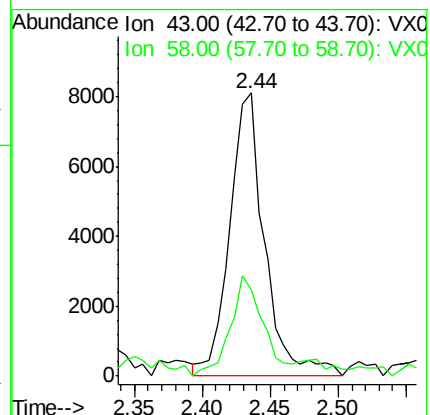
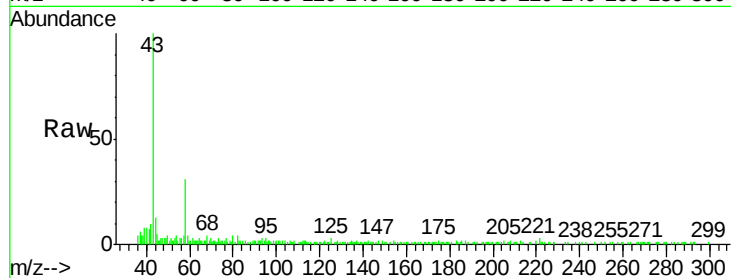
991-MW-01-(23)

Tot Ion: 43 Resp: 14520

Ion Ratio Lower Upper

43 100

58 28.1 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 2.784 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

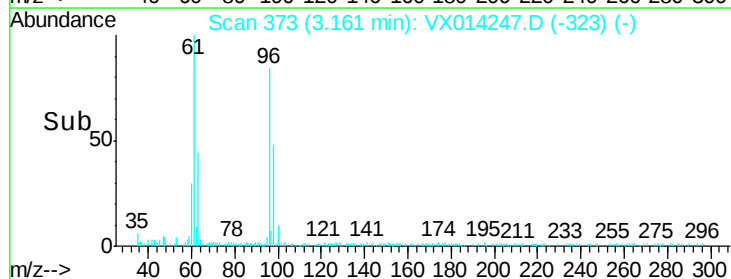
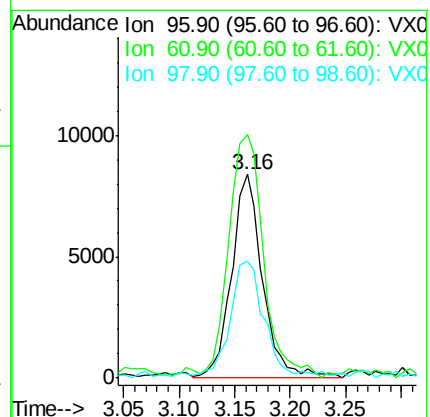
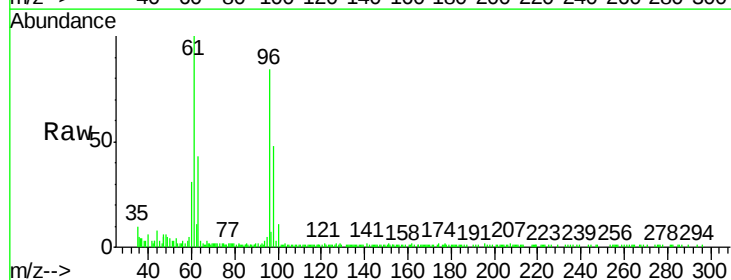
Tgt Ion: 96 Resp: 16235

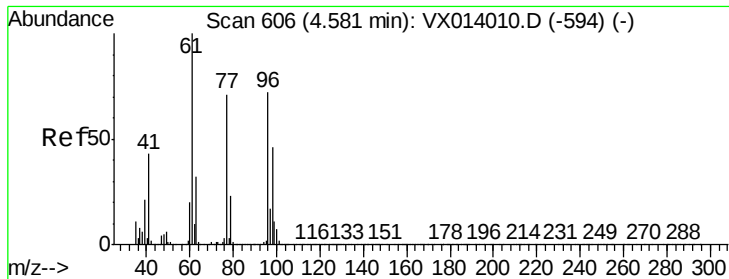
Ion Ratio Lower Upper

96 100

61 117.3 108.3 162.5

98 55.8 50.8 76.2



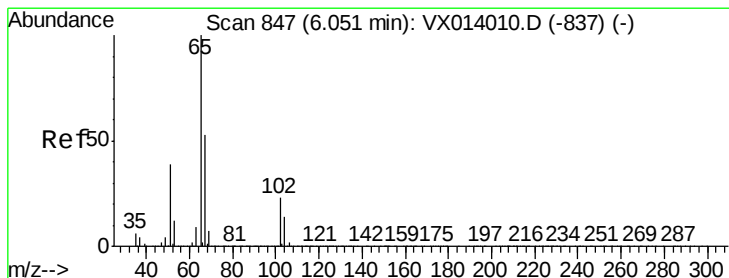
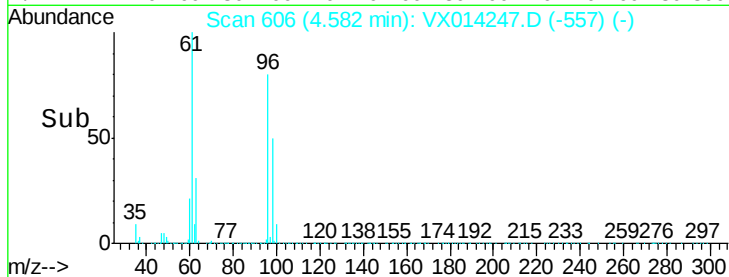
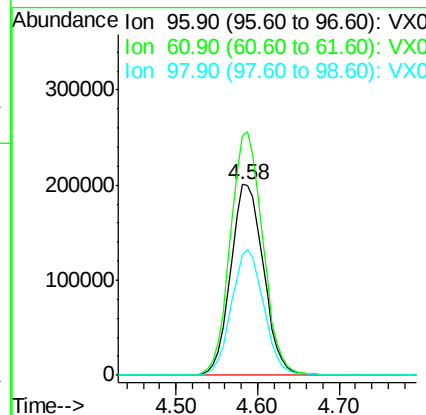
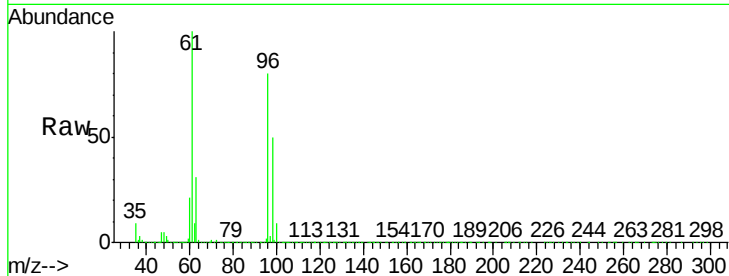


#27

cis-1,2-Dichloroethene
 Concen: 84.340 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)

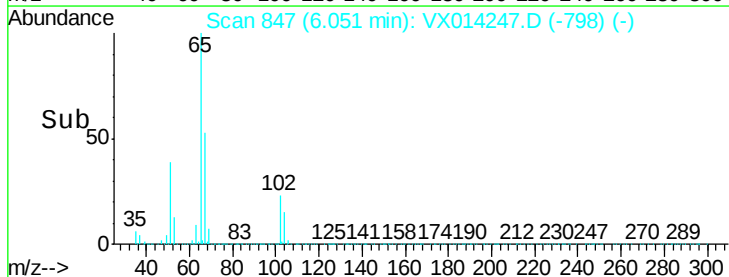
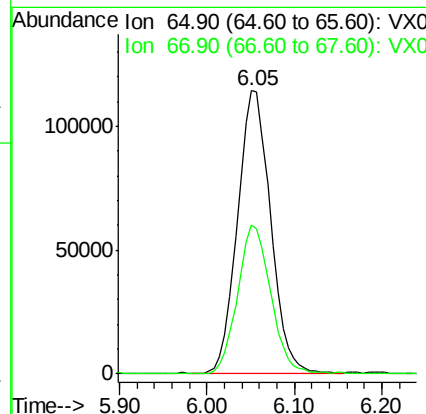
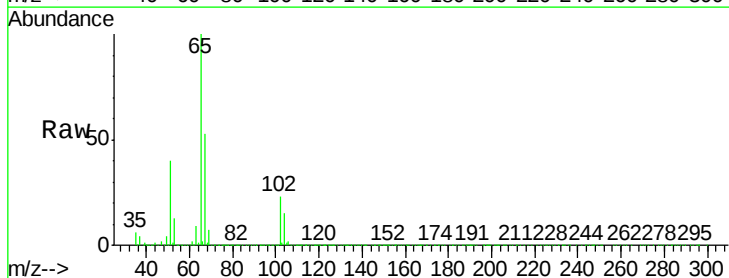
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	288.4
98	64.8	0.0	129.6

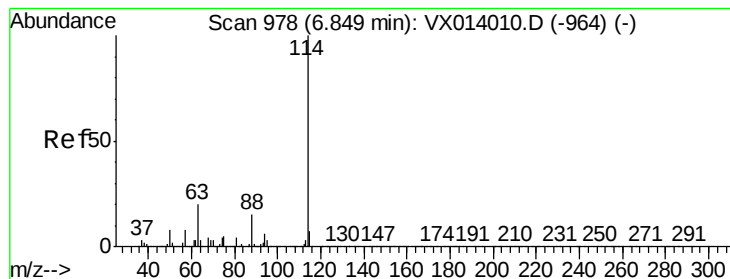


#33

1,2-Dichloroethane-d4
 Concen: 48.538 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014247.D
 Acq: 24 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

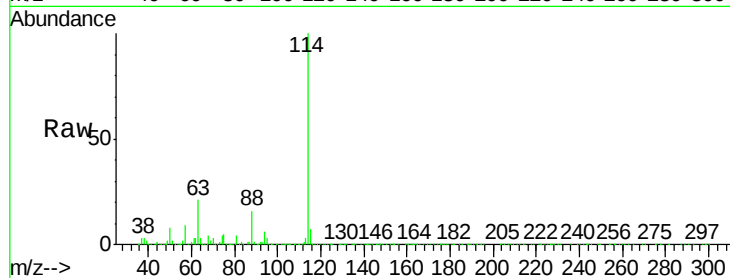
Tot Ion:114 Resp: 843221

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

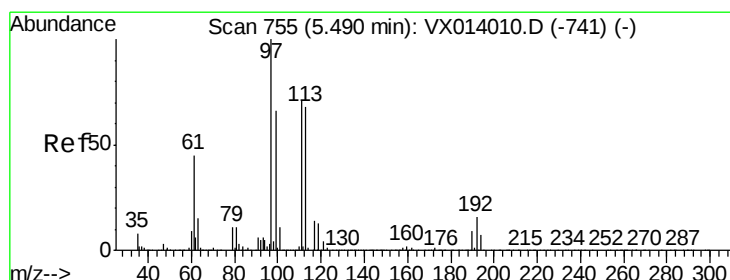
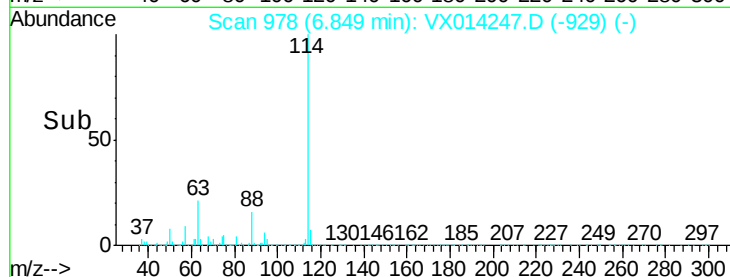
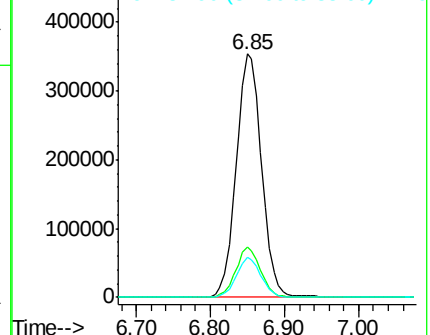
88 16.2 0.0 30.4



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: 48.459 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

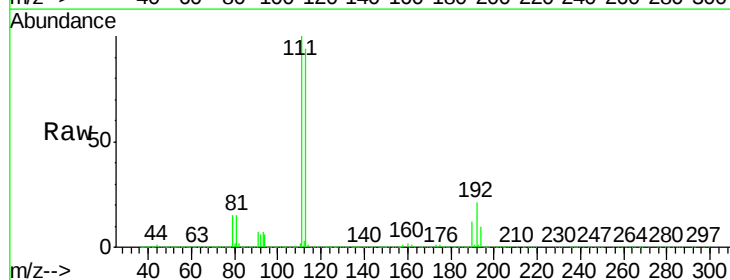
Tgt Ion:113 Resp: 248395

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

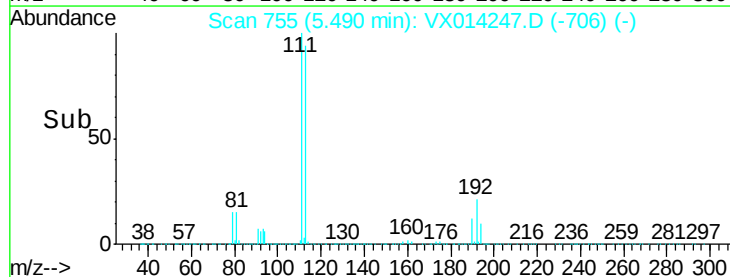
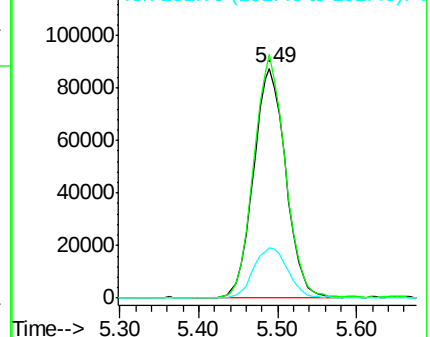
192 23.6 19.3 28.9

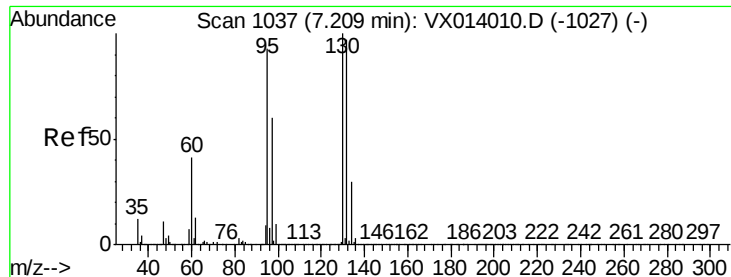


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 101.100 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

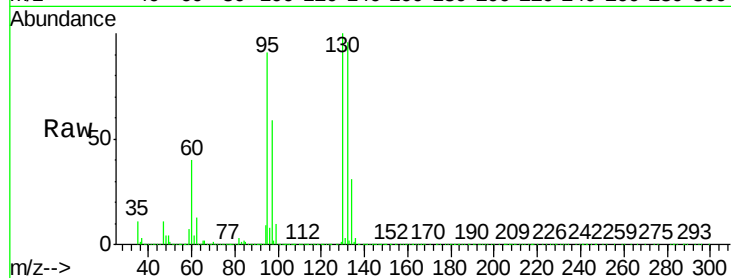
991-MW-01-(23)

Tot Ion:130 Resp: 664771

Ion Ratio Lower Upper

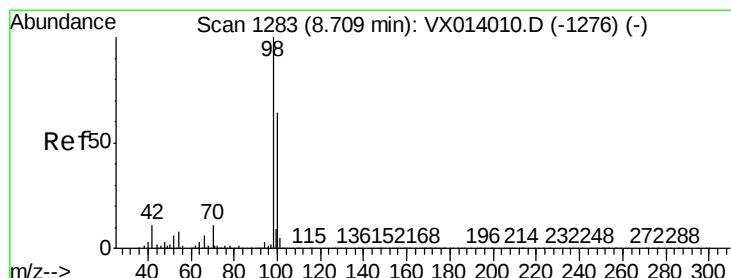
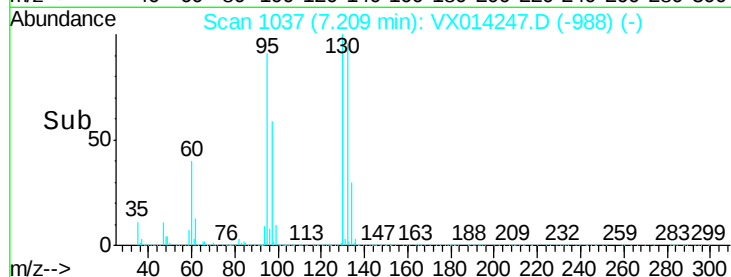
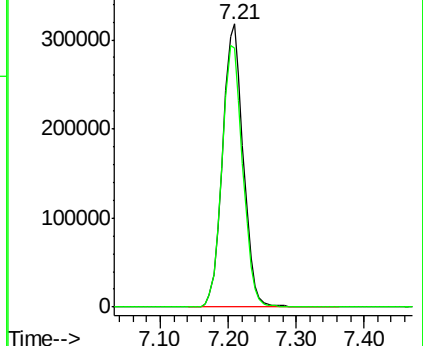
130 100

95 91.3 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.213 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014247.D

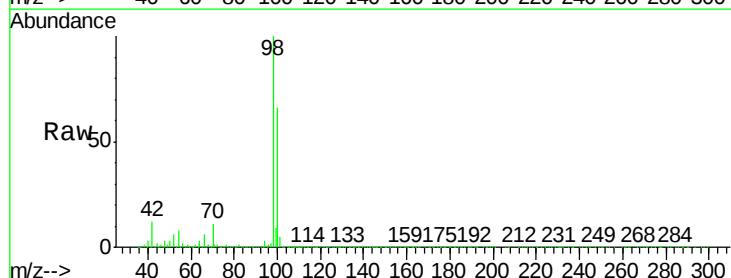
Acq: 24 Dec 2019 16:01

Tgt Ion: 98 Resp: 1002051

Ion Ratio Lower Upper

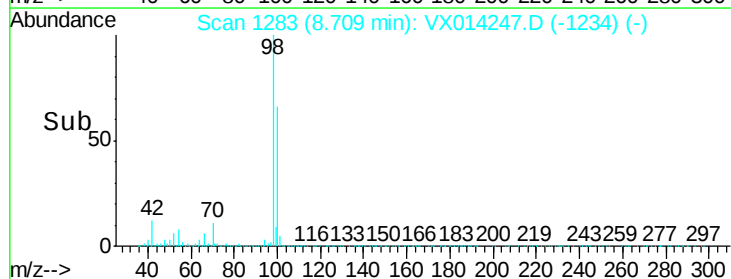
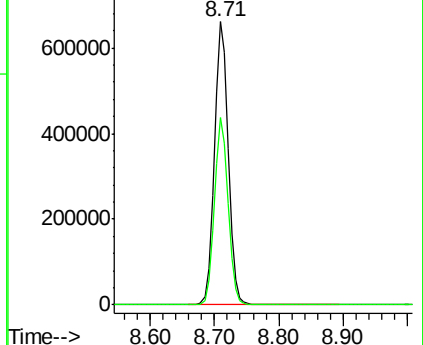
98 100

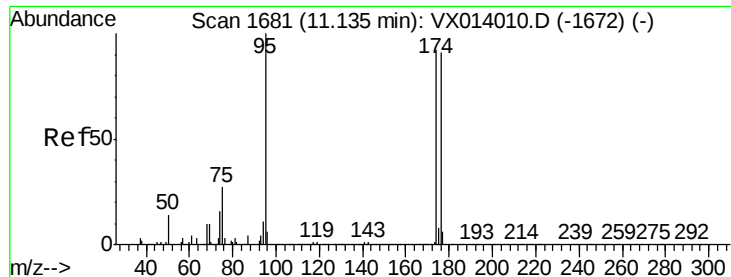
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.939 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

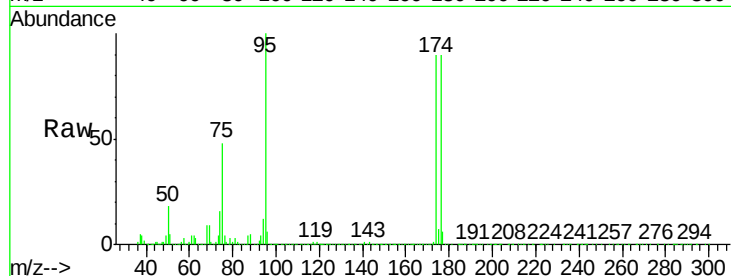
Tot Ion: 95 Resp: 342415

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

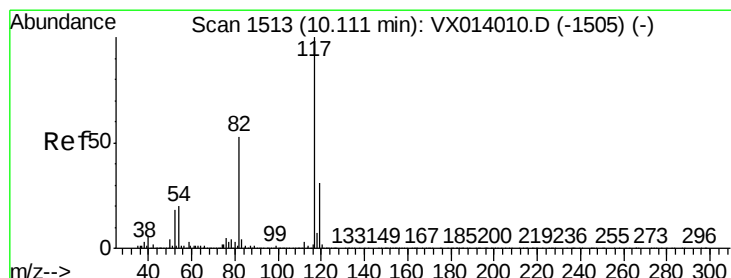
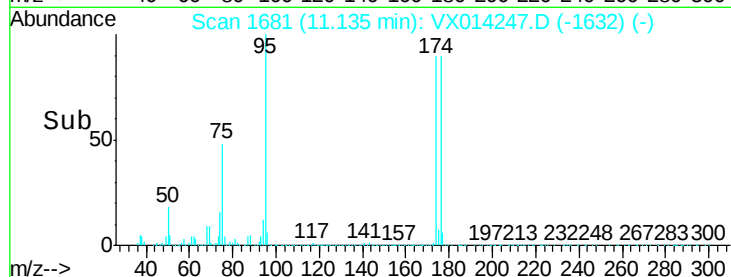
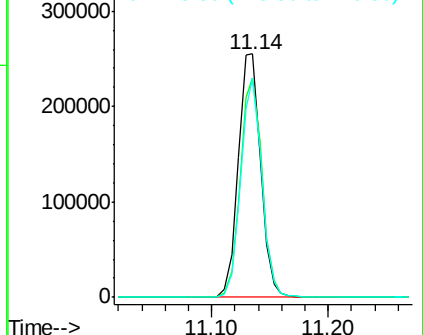
176 84.6 0.0 173.0



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: VX014247.D

Acq: 24 Dec 2019 16:01

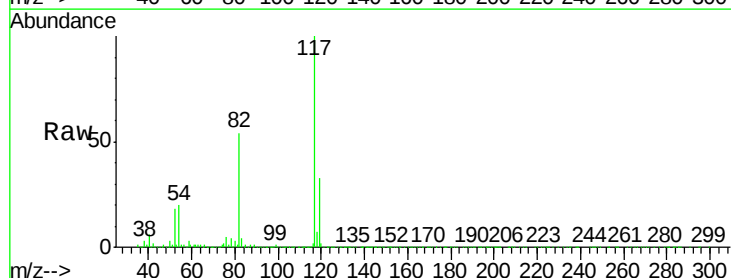
Tgt Ion: 117 Resp: 749280

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

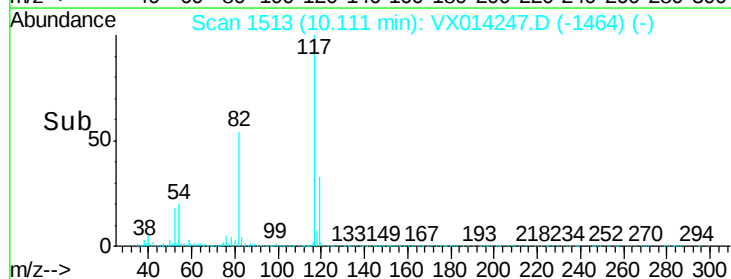
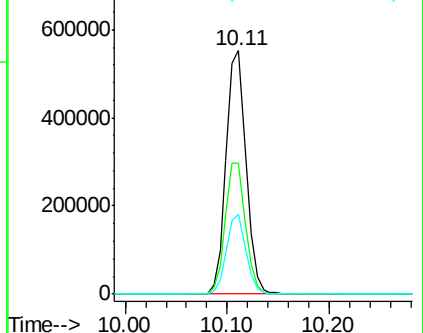
119 32.6 25.1 37.7

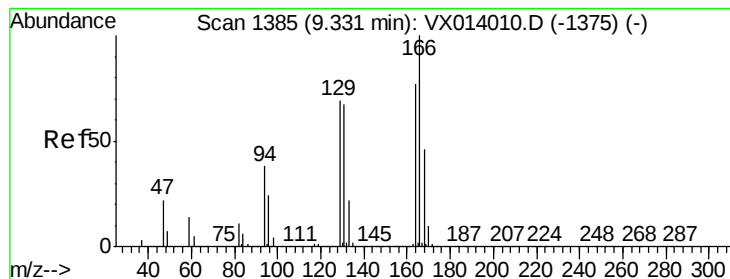


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1013.701 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

Tot Ion:164 Resp: 6721041

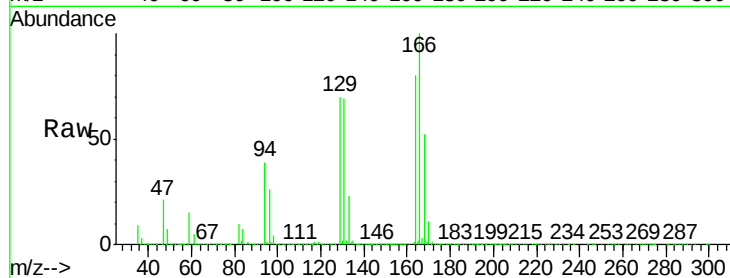
Ion Ratio Lower Upper

164 100

166 124.9 104.0 156.0

129 88.0 72.2 108.4

131 86.3 69.6 104.4

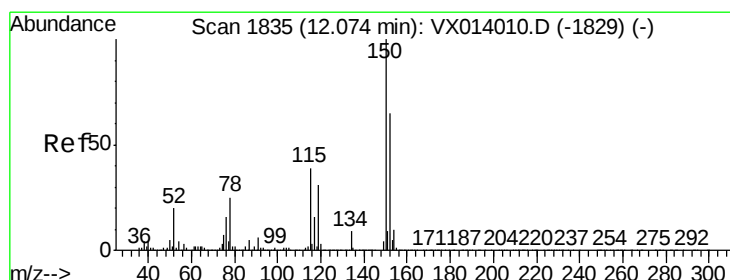
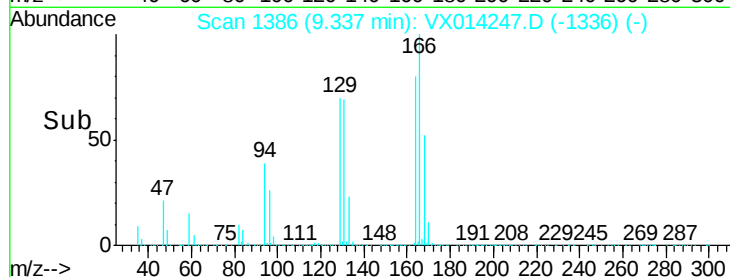
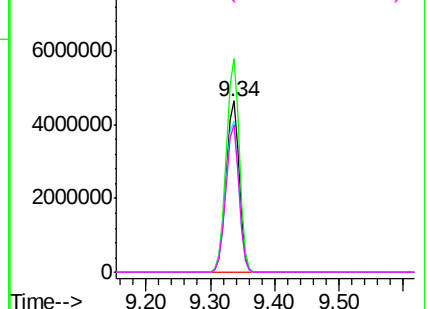


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX014247.D

Acq: 24 Dec 2019 16:01

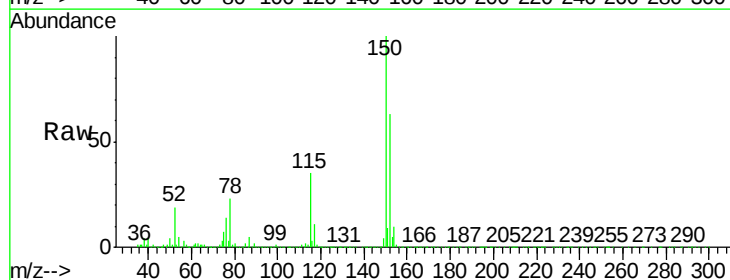
Tgt Ion:152 Resp: 335916

Ion Ratio Lower Upper

152 100

115 57.0 38.3 114.9

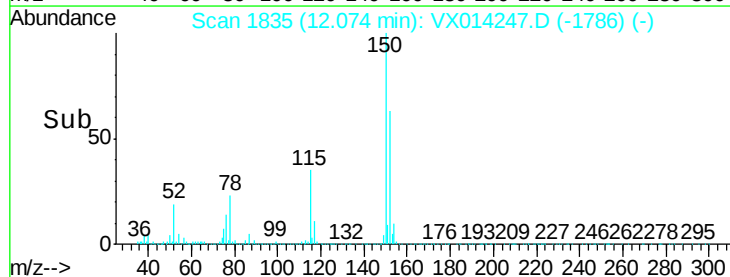
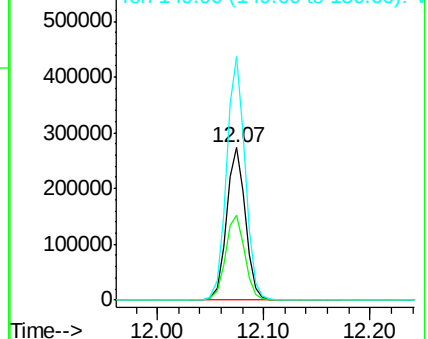
150 157.8 0.0 345.4

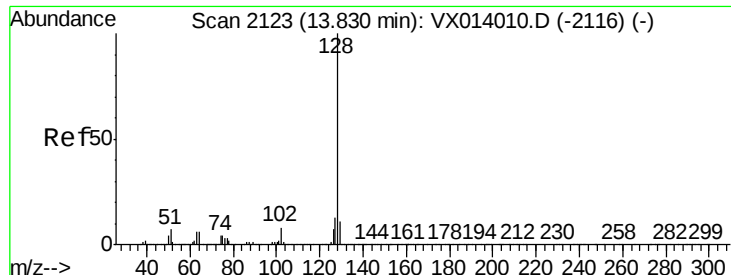


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 0.247 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014247.D

Acq: 24 Dec 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)

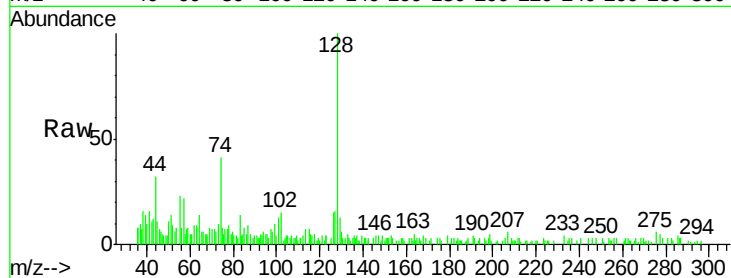
Tot Ion:128 Resp: 5423

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 17.0 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

