

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015428.D
 Acq On : 30 Mar 2020 15:19
 Operator : JC/SP
 Sample : L2021-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-B

Quant Time: Mar 31 08:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

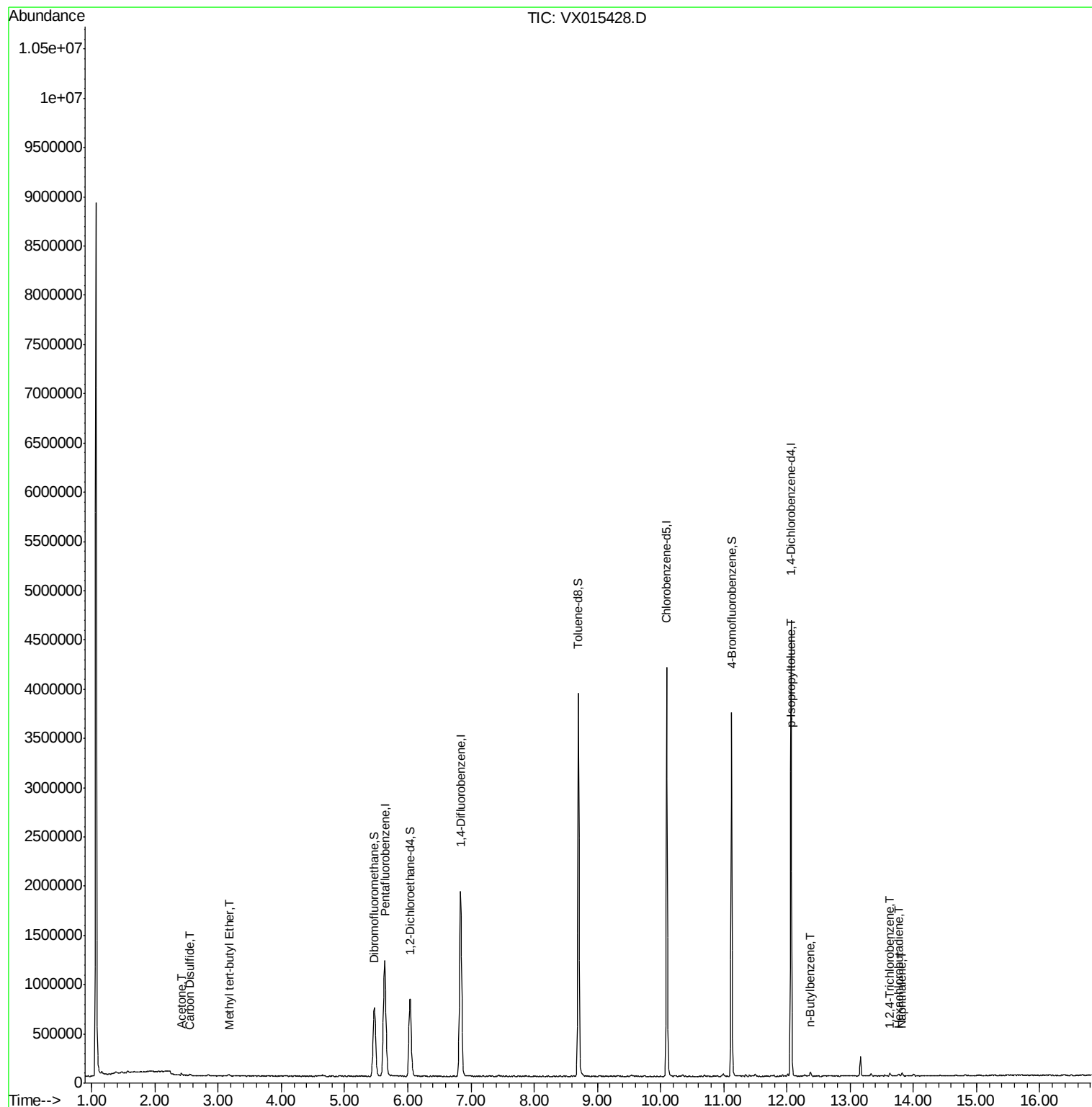
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1153787	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1879524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1781058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	933794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	766911	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	5.47	113	596632	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.70	98	2286920	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.12	95	967987	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	21934	3.137	ug/l	98
17) Carbon Disulfide	2.55	76	17610	0.530	ug/l #	90
19) Methyl tert-butyl Ether	3.17	73	19864	0.470	ug/l #	85
86) p-Isopropyltoluene	12.05	119	19767	0.361	ug/l #	79
89) n-Butylbenzene	12.37	91	15240	0.308	ug/l	100
93) 1,2,4-Trichlorobenzene	13.63	180	8083	0.357	ug/l	93
94) Hexachlorobutadiene	13.77	225	4438	0.412	ug/l	94
95) Naphthalene	13.82	128	20938	0.304	ug/l #	95

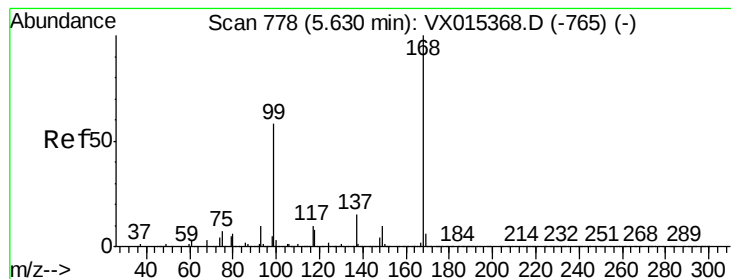
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015428.D
Acq On : 30 Mar 2020 15:19
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Instrument :
MSVOA_X
ClientSampleId :
MW-B

Quant Time: Mar 31 08:51:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.01 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampled :

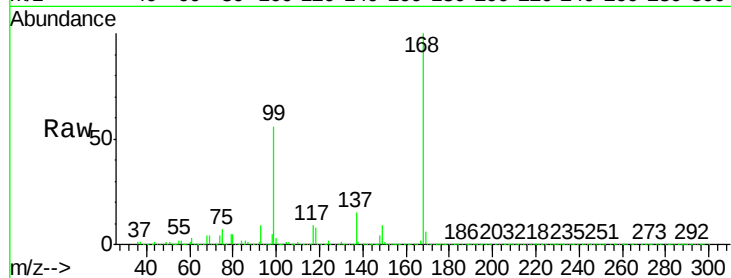
MW-B

Tot Ion:168 Resp: 1153787

Ion Ratio Lower Upper

168 100

99 55.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

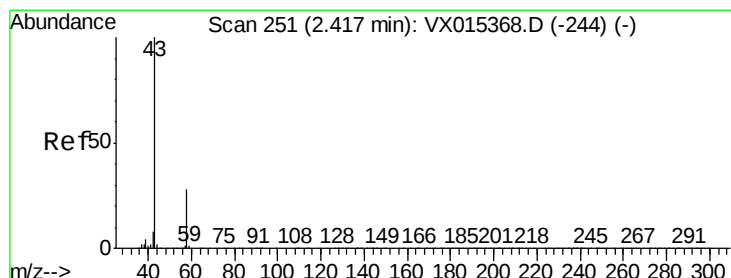
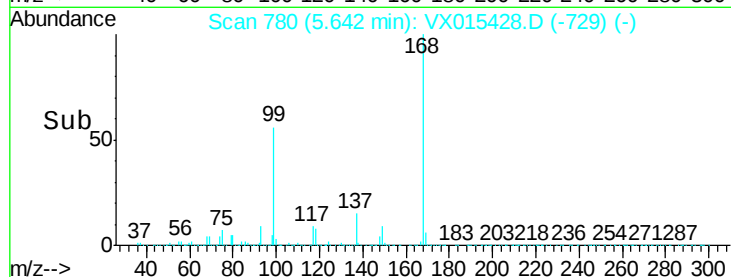
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.137 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015428.D

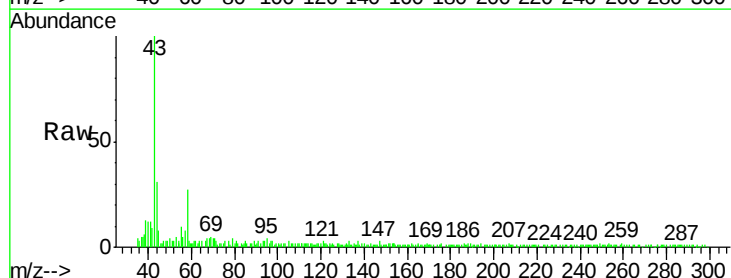
Acq: 30 Mar 2020 15:19

Tgt Ion: 43 Resp: 21934

Ion Ratio Lower Upper

43 100

58 26.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

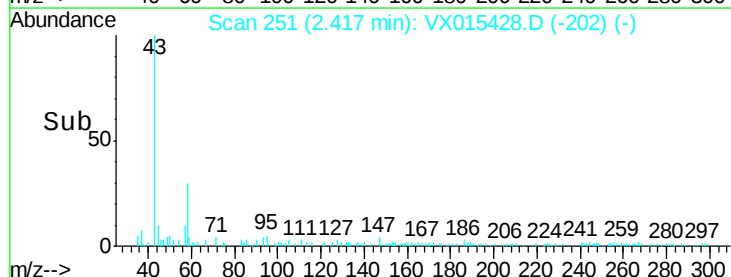
10000

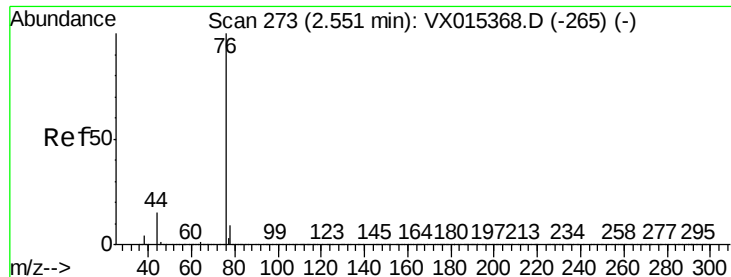
5000

0

Time-->

2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 0.530 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

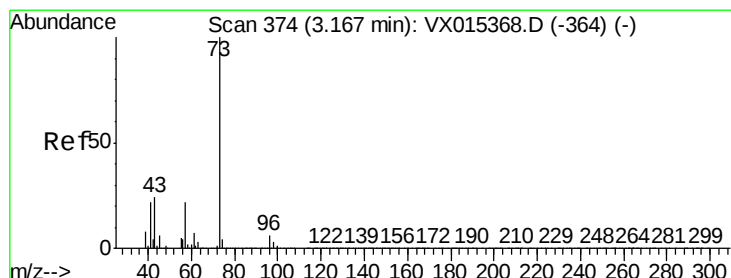
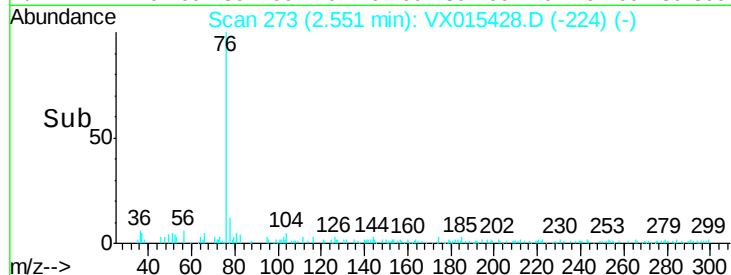
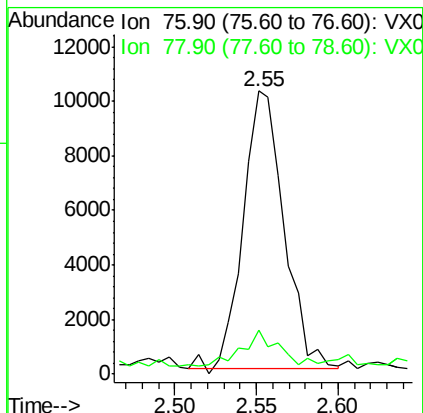
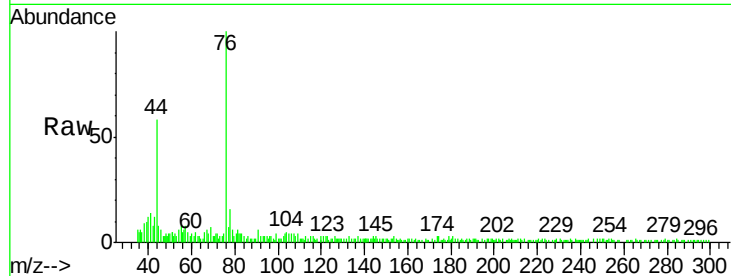
MW-B

Tot Ion: 76 Resp: 17610

Ion Ratio Lower Upper

76 100

78 12.4 7.1 10.7#



#19

Methyl tert-butyl Ether

Concen: 0.470 ug/l

RT: 3.17 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX015428.D

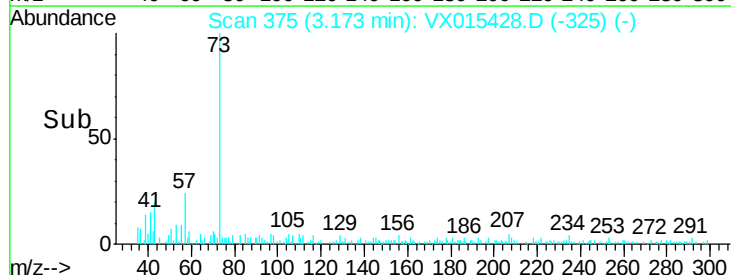
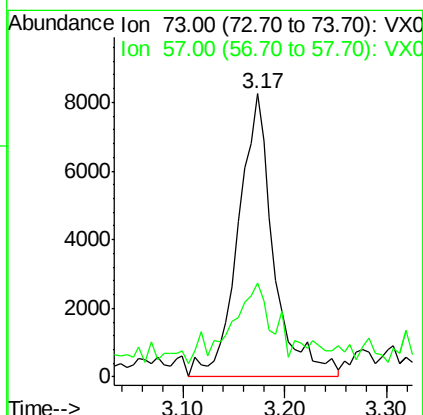
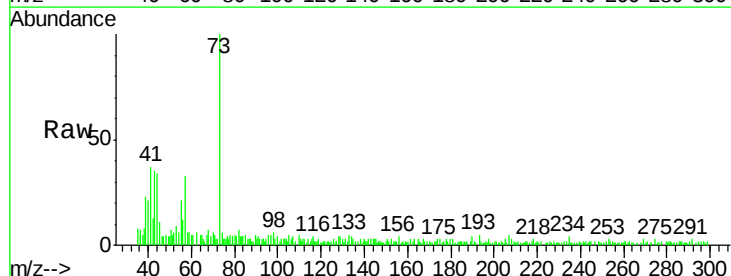
Acq: 30 Mar 2020 15:19

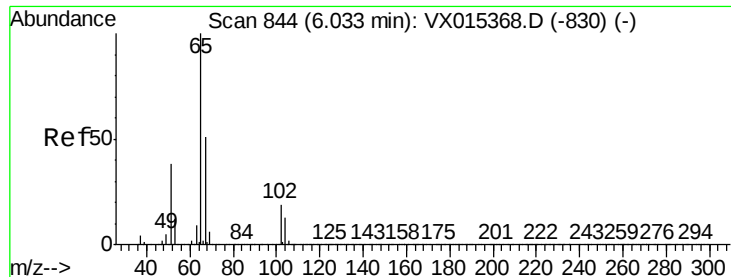
Tgt Ion: 73 Resp: 19864

Ion Ratio Lower Upper

73 100

57 29.5 17.9 26.9#





#33

1,2-Dichloroethane-d4

Concen: 47.128 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

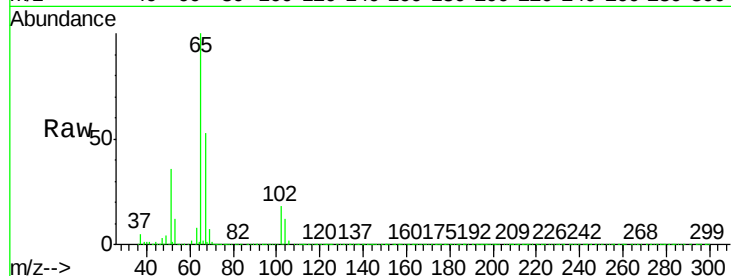
MW-B

Tot Ion: 65 Resp: 766911

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

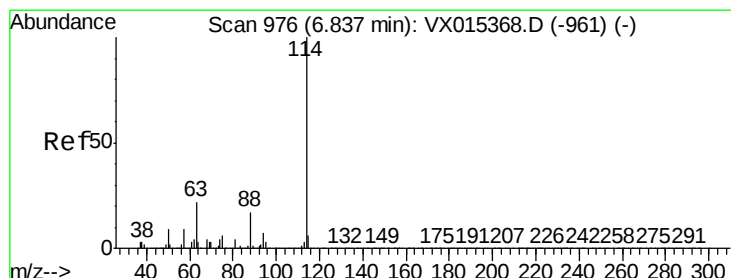
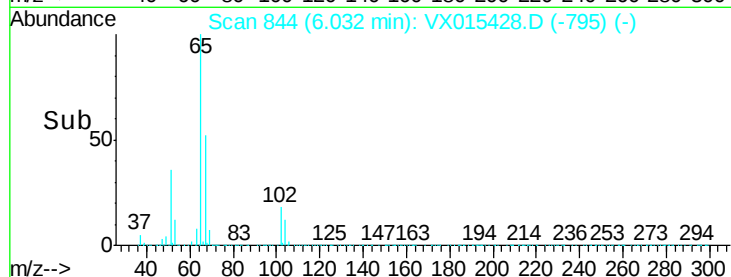
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

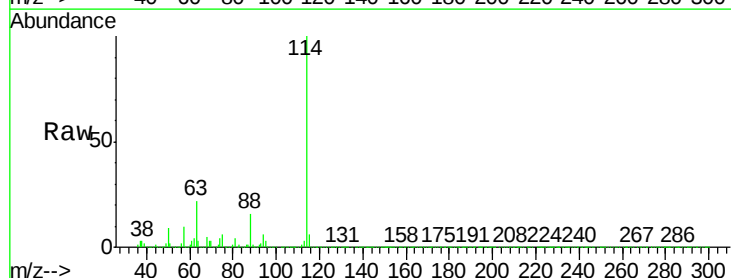
Tgt Ion: 114 Resp: 1879524

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

88 16.0 0.0 33.8



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

6.84

1000000

800000

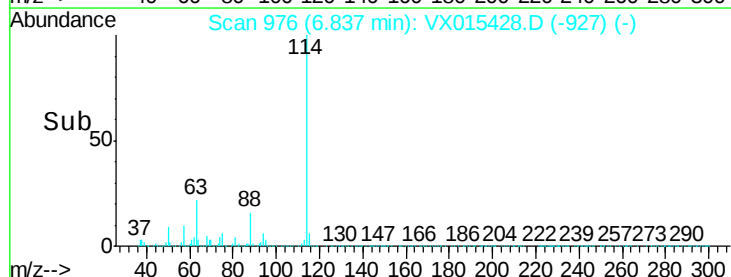
600000

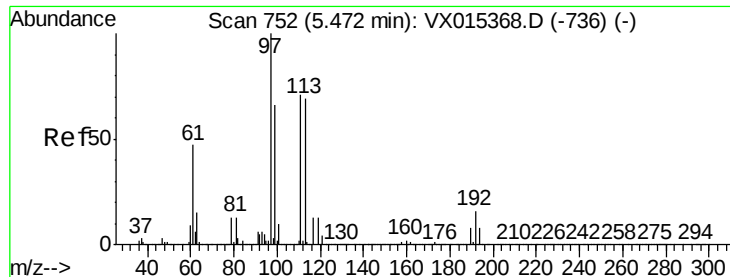
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.660 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

MW-B

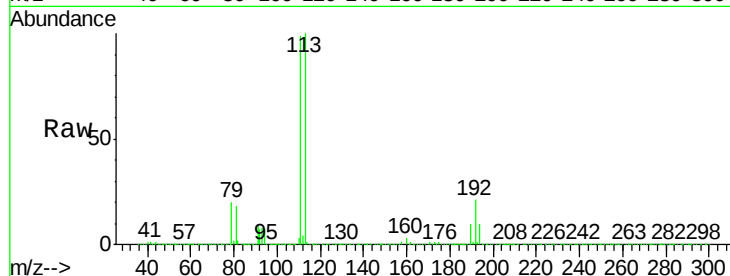
Tot Ion:113 Resp: 596632

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

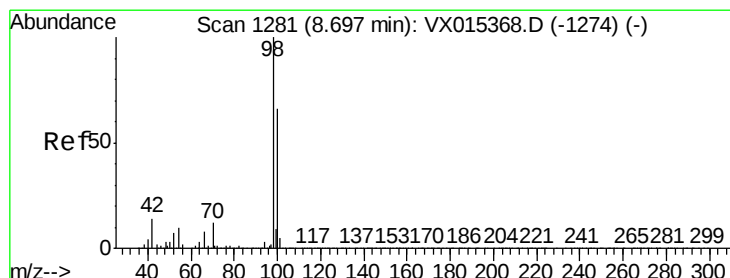
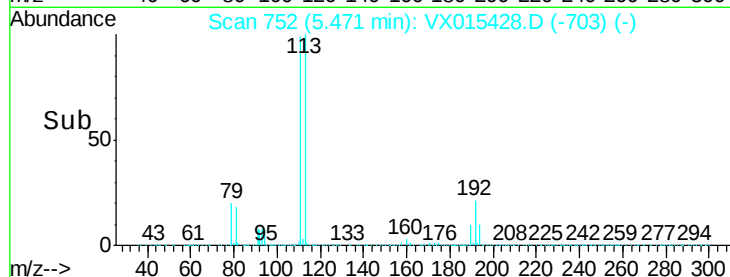
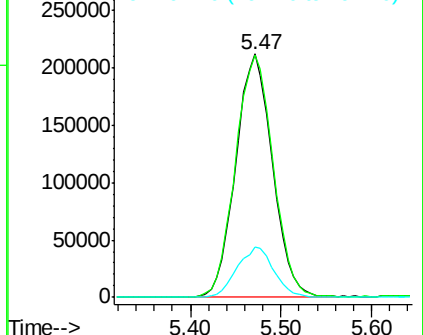
192 20.7 17.8 26.6



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: 51.701 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015428.D

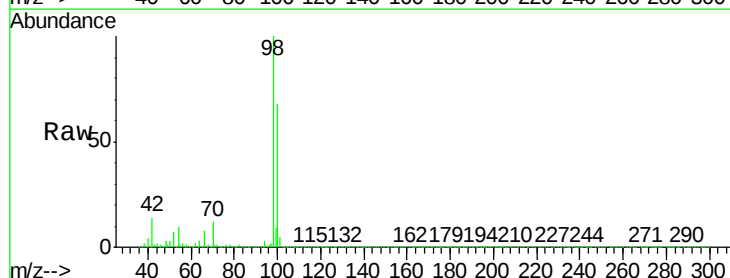
Acq: 30 Mar 2020 15:19

Tgt Ion: 98 Resp: 2286920

Ion Ratio Lower Upper

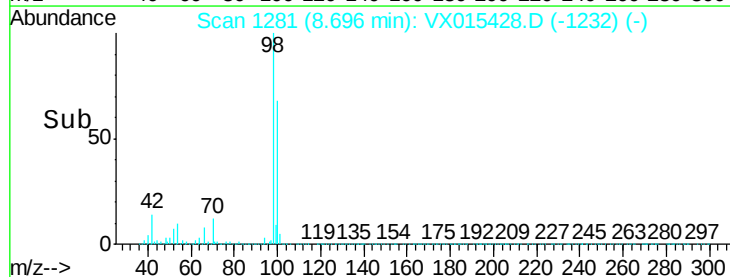
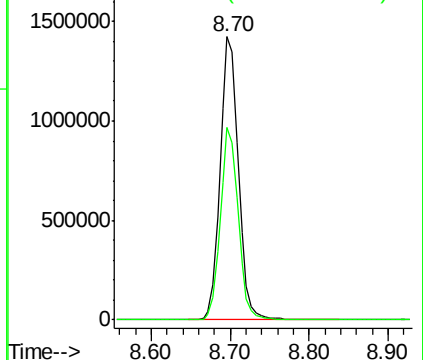
98 100

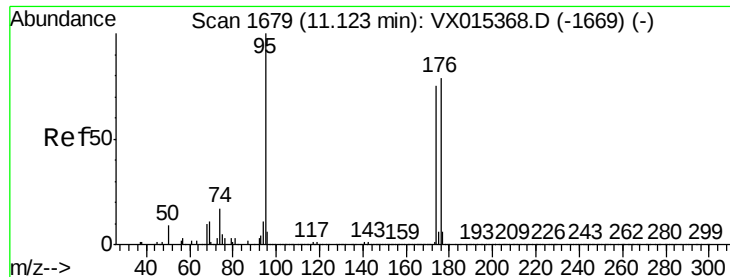
100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.847 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

MW-B

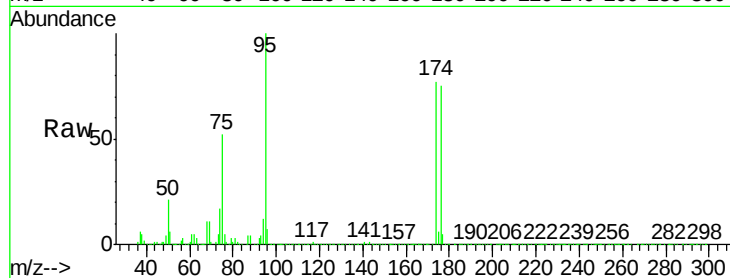
Tot Ion: 95 Resp: 967987

Ion Ratio Lower Upper

95 100

174 77.7 0.0 158.6

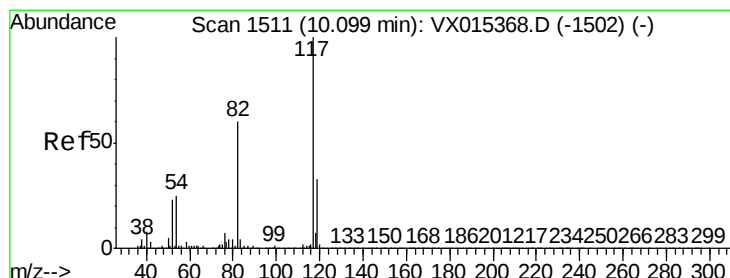
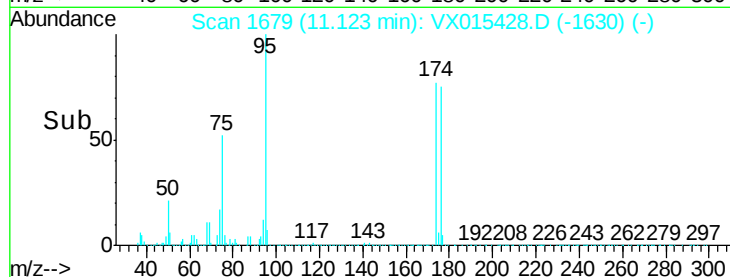
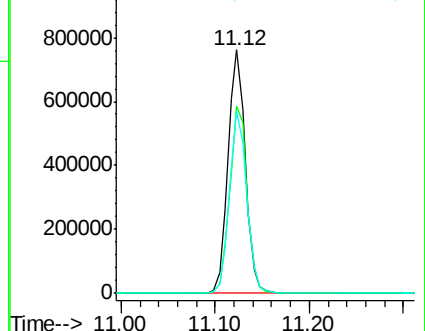
176 75.1 0.0 159.0



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: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

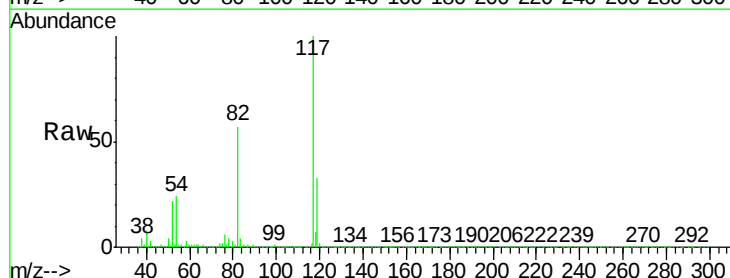
Tgt Ion: 117 Resp: 1781058

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.8

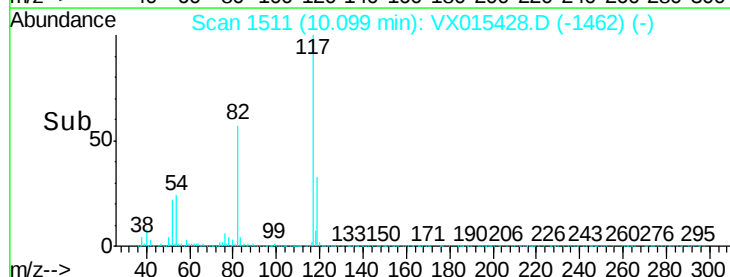
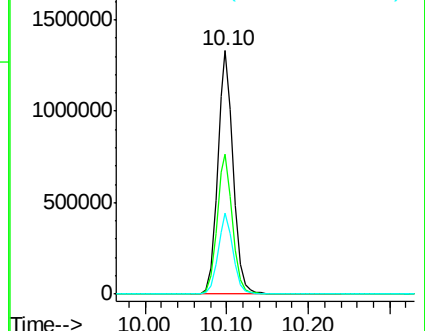
119 33.4 26.8 40.2

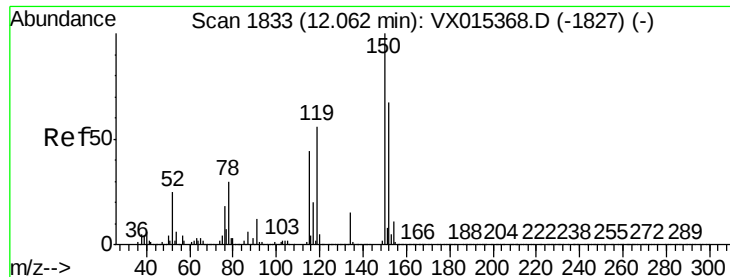


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampled :

MW-B

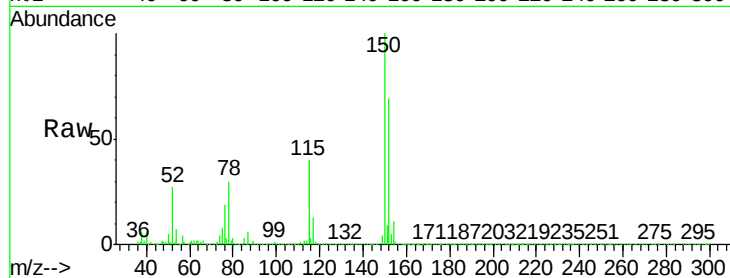
Tot Ion:152 Resp: 933794

Ion Ratio Lower Upper

152 100

115 58.6 39.0 116.9

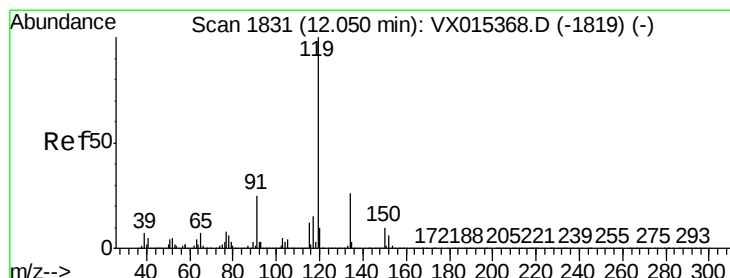
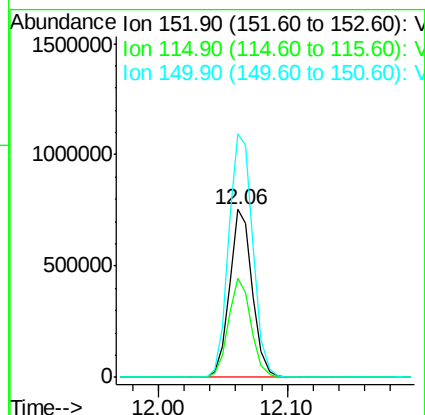
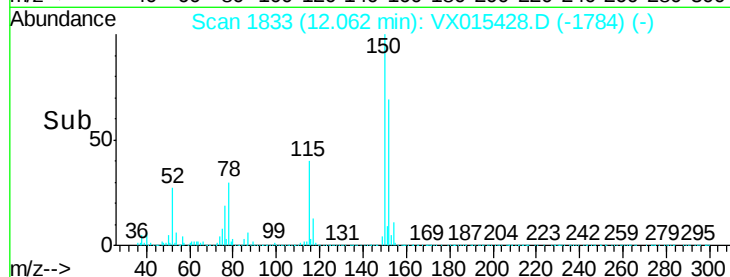
150 153.7 0.0 340.8



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



#86

p-Isopropyltoluene

Concen: 0.361 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

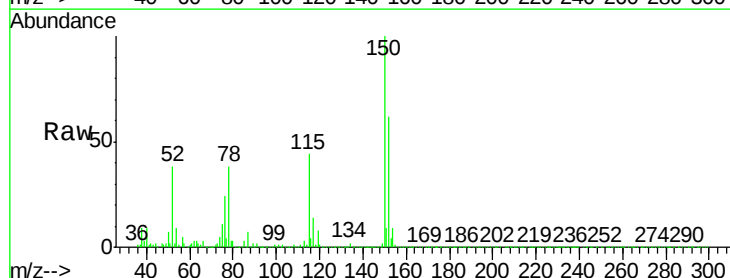
Tgt Ion:119 Resp: 19767

Ion Ratio Lower Upper

119 100

134 32.3 13.1 39.3

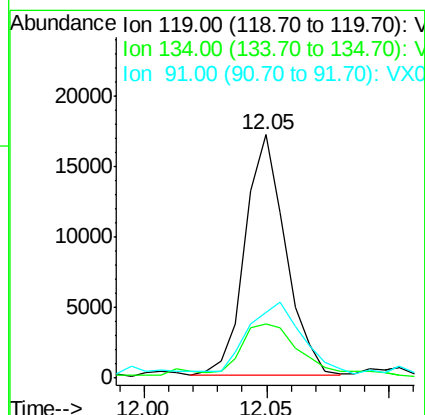
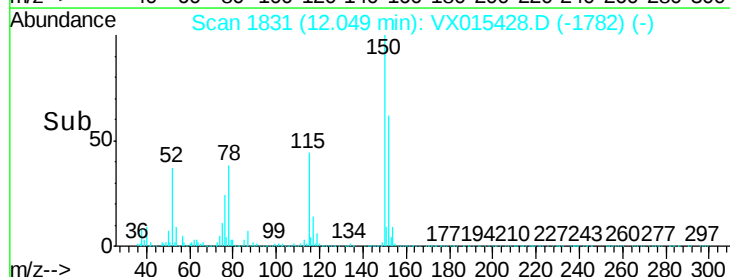
91 39.9 12.4 37.4#

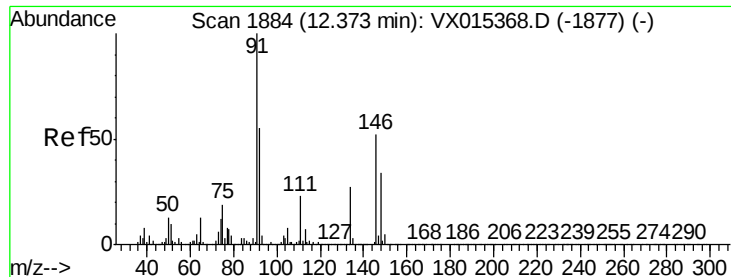


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.308 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

MW-B

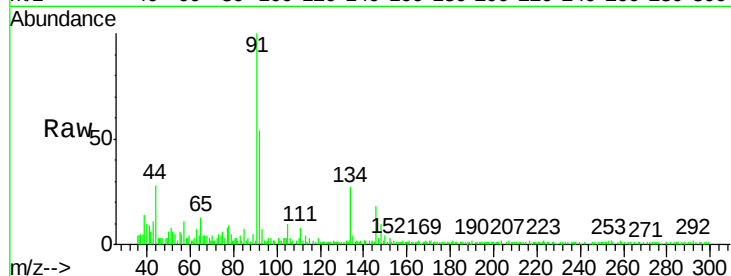
Tot Ion: 91 Resp: 15240

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

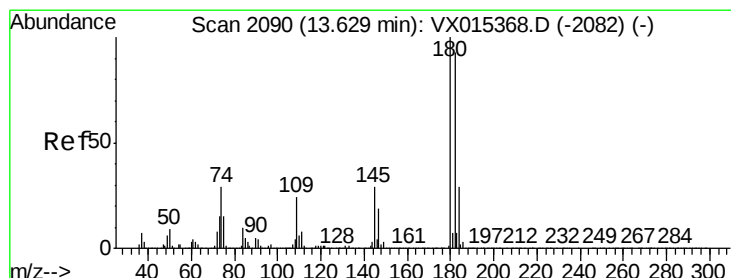
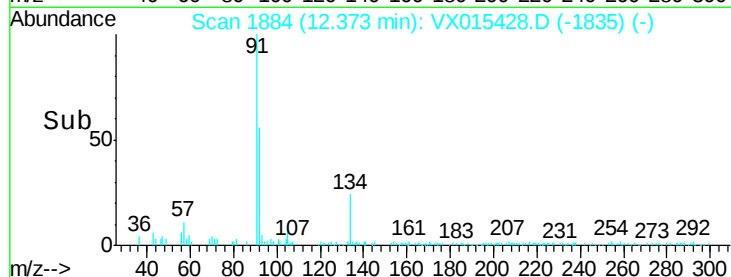
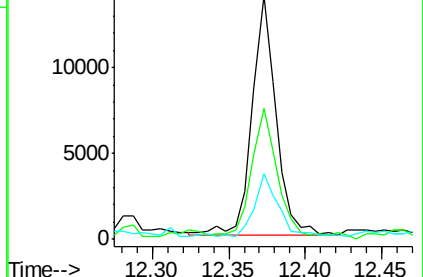
134 26.7 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX015368.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX015368.D (-1877) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.357 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

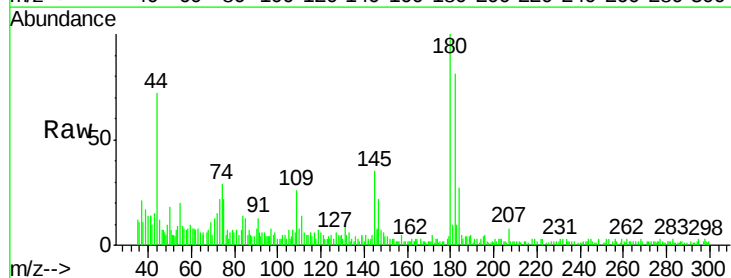
Tgt Ion: 180 Resp: 8083

Ion Ratio Lower Upper

180 100

182 87.3 46.9 140.7

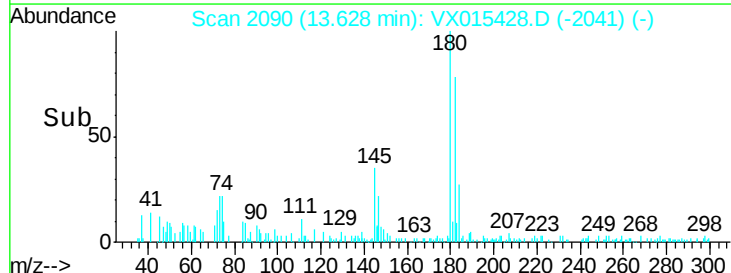
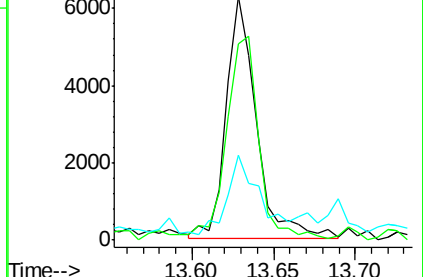
145 34.8 14.9 44.5

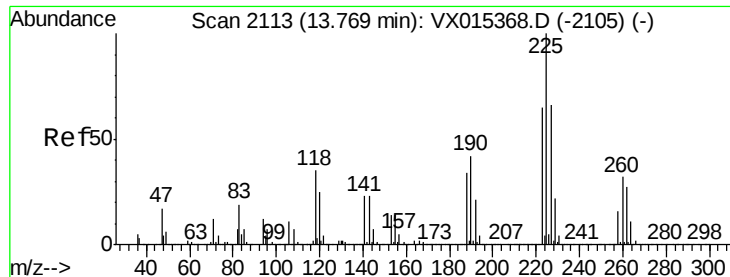


Abundance Ion 179.80 (179.50 to 180.50): VX015368.D (-2082) (-)

Ion 181.80 (181.50 to 182.50): VX015368.D (-2082) (-)

Ion 144.80 (144.50 to 145.50): VX015368.D (-2082) (-)





#94

Hexachlorobutadiene

Concen: 0.412 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

Instrument :

MSVOA_X

ClientSampleId :

MW-B

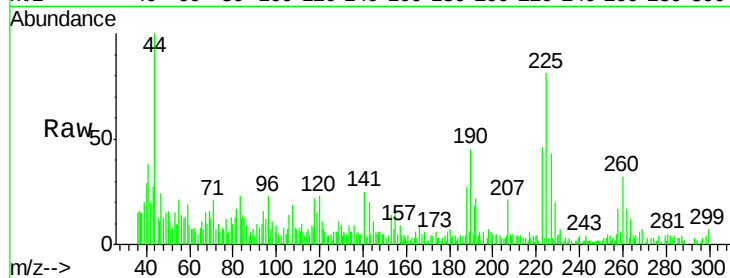
Tot Ion:225 Resp: 4438

Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

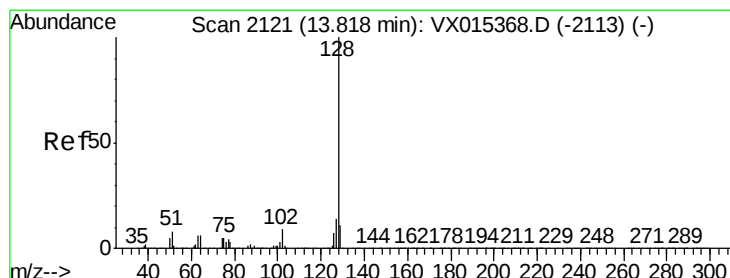
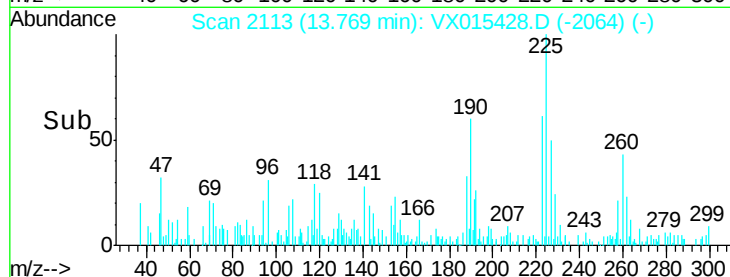
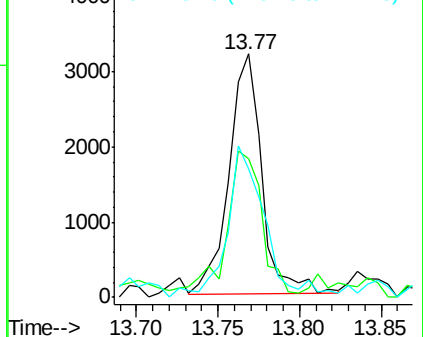
227 69.2 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.304 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015428.D

Acq: 30 Mar 2020 15:19

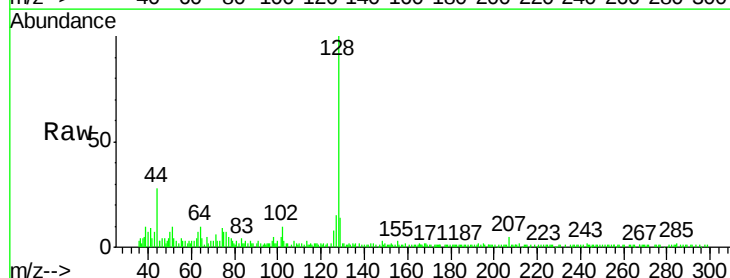
Tgt Ion:128 Resp: 20938

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 13.5 8.8 13.2#



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

