

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015637.D
 Acq On : 10 Apr 2020 21:13
 Operator : JC/SP
 Sample : L2196-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-GW-258-260

Quant Time: Apr 11 03:19:28 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

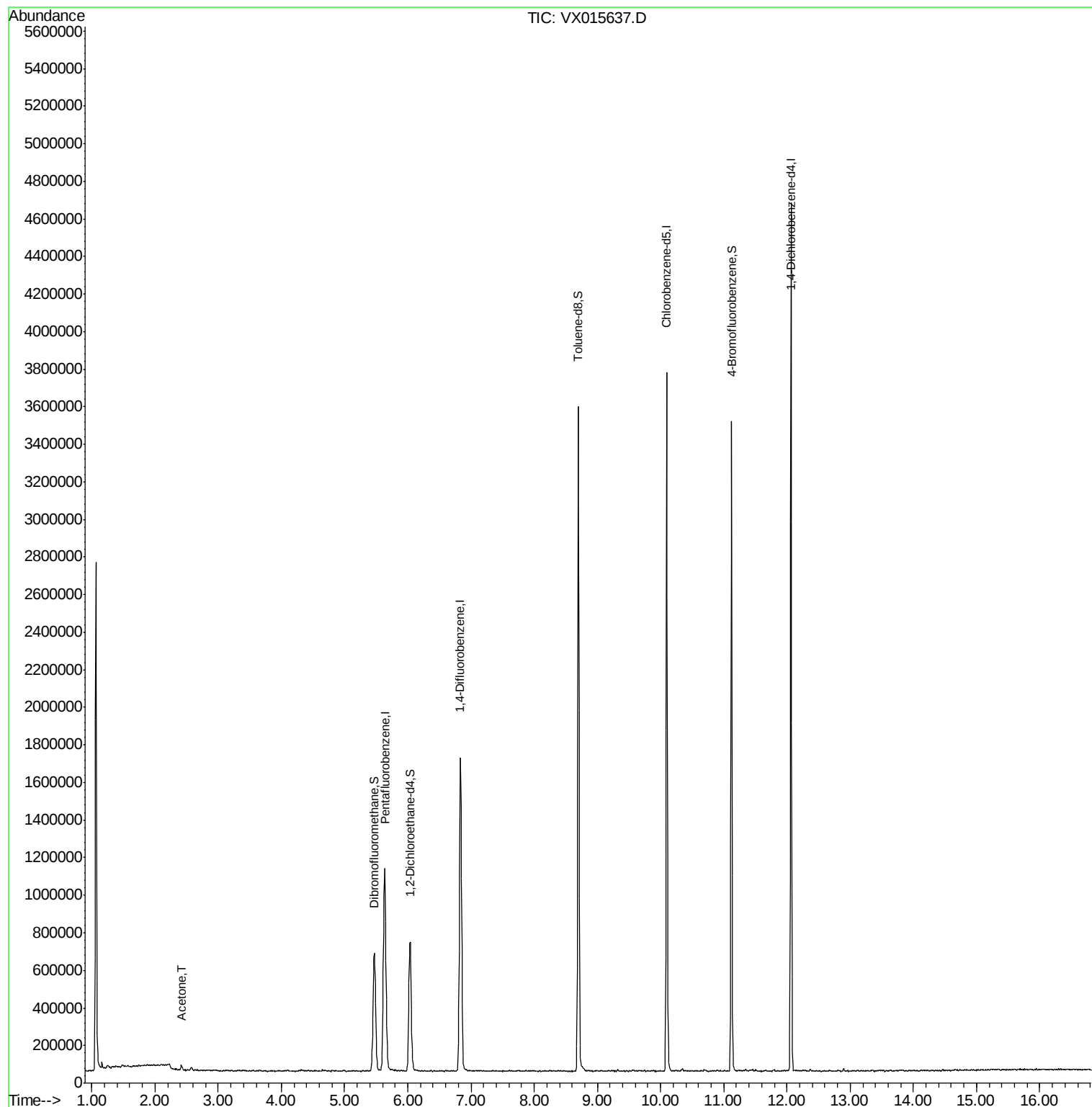
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1101916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1689966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1653041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	919208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	687644	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
35) Dibromofluoromethane	5.47	113	517430	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	8.70	98	2033772	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.12	95	869936	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
Target Compounds						
16) Acetone	2.42	43	34743	5.203	ug/l	Qvalue 97

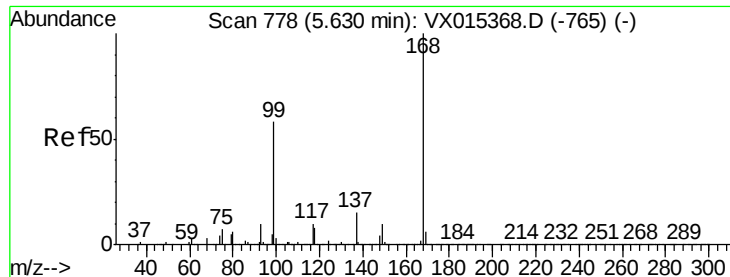
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

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Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

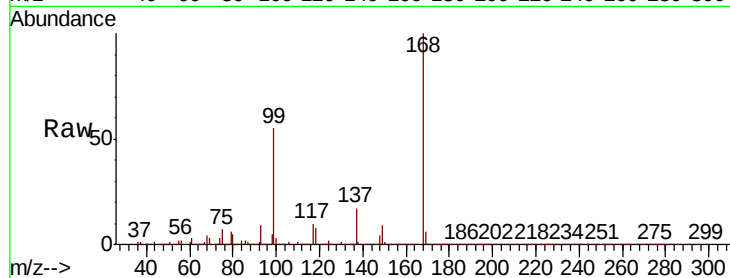
BP-VPB180-GW-258-260

Tot Ion:168 Resp: 1101916

Ion Ratio Lower Upper

168 100

99 55.0 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

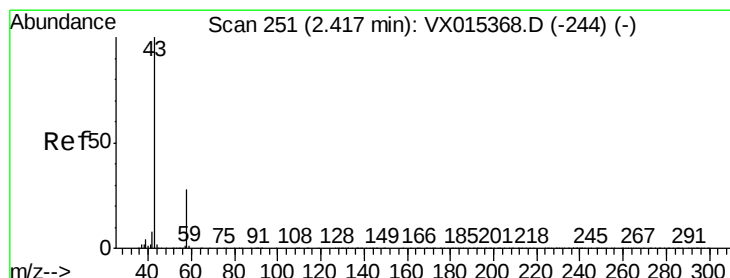
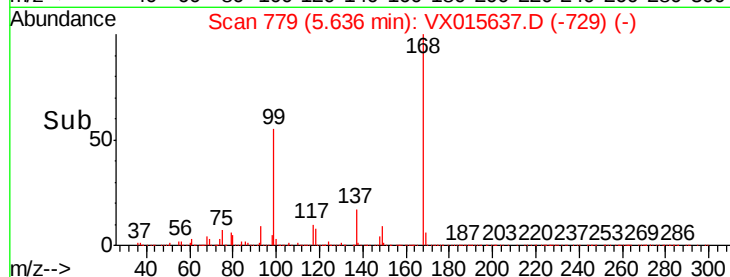
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.203 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015637.D

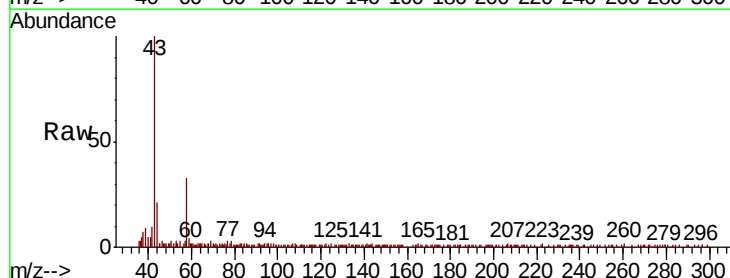
Acq: 10 Apr 2020 21:13

Tgt Ion: 43 Resp: 34743

Ion Ratio Lower Upper

43 100

58 29.3 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

20000

15000

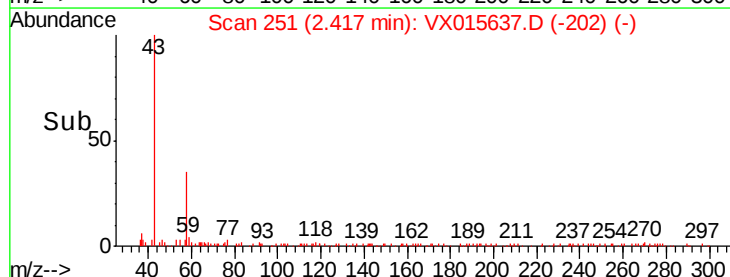
10000

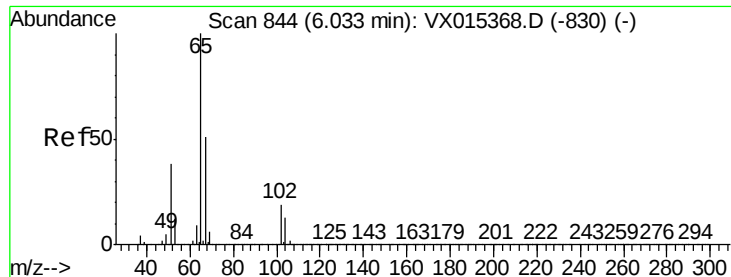
5000

0

2.35 2.40 2.45 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.246 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

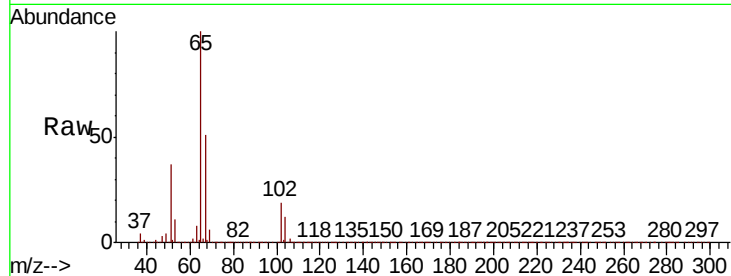
BP-VPB180-GW-258-260

Tot Ion: 65 Resp: 687644

Ion Ratio Lower Upper

65 100

67 50.8 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

250000

200000

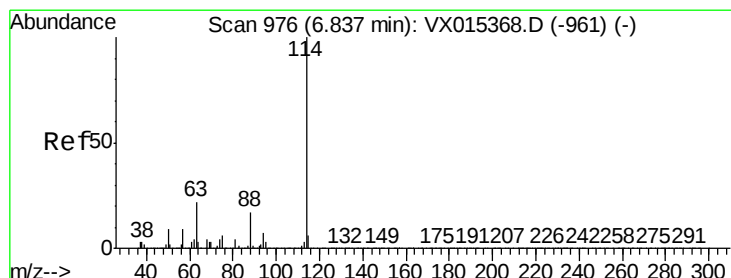
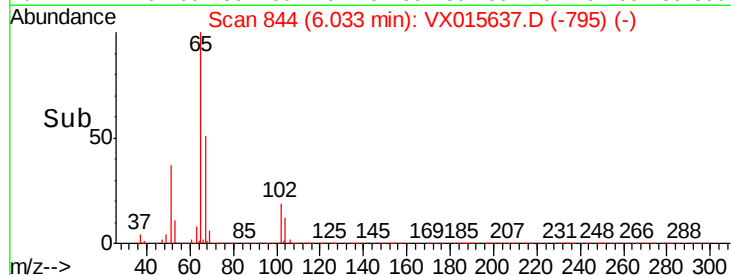
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

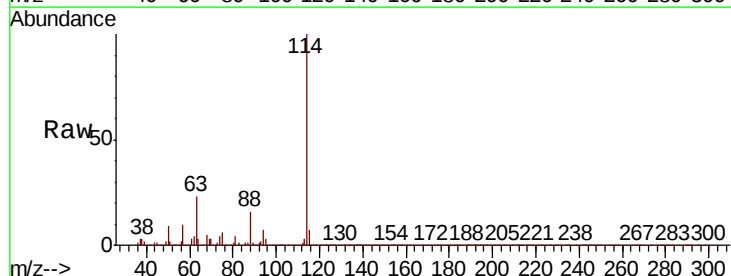
Tgt Ion: 114 Resp: 1689966

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

88 15.8 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

800000

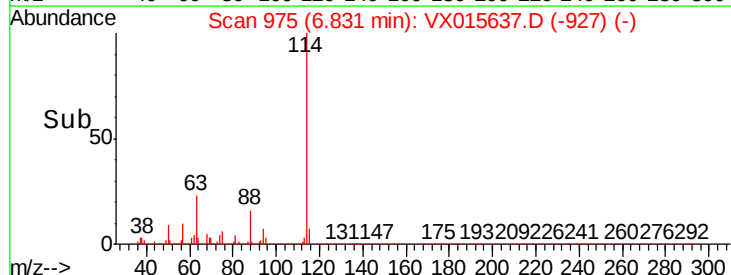
600000

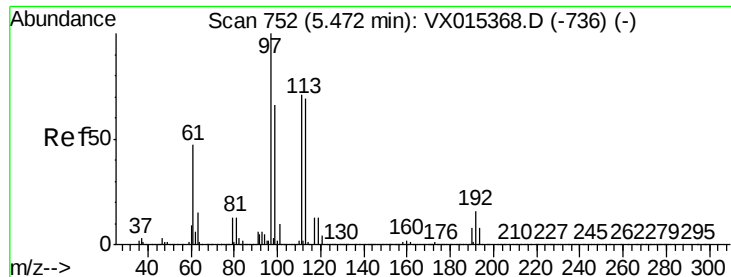
400000

200000

0

Time-->

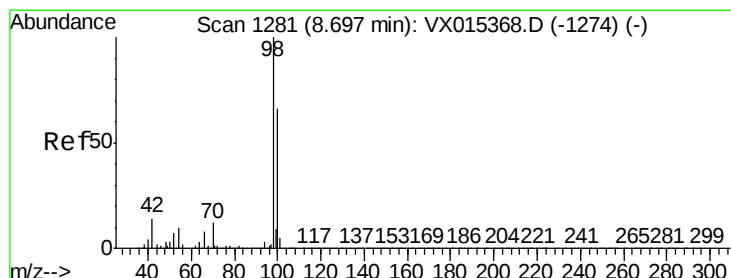
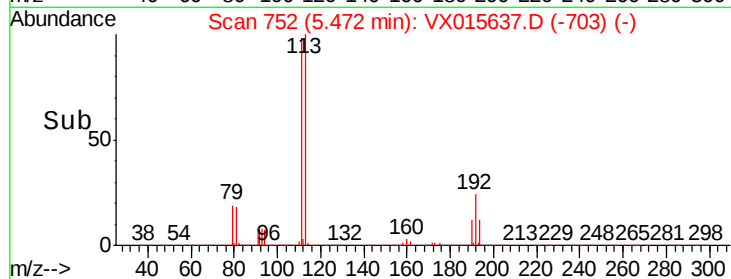
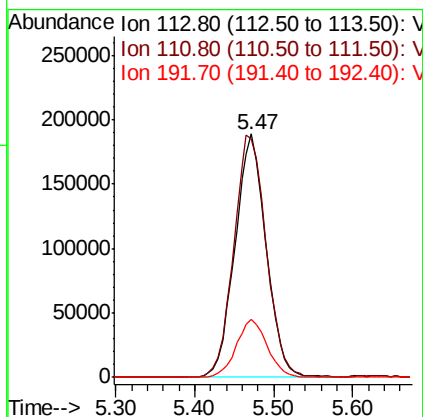
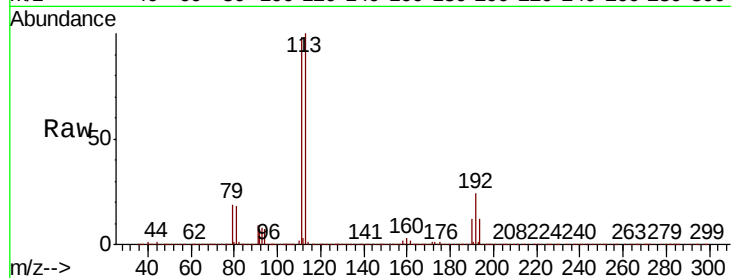




#35
 Dibromofluoromethane
 Concen: 47.898 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

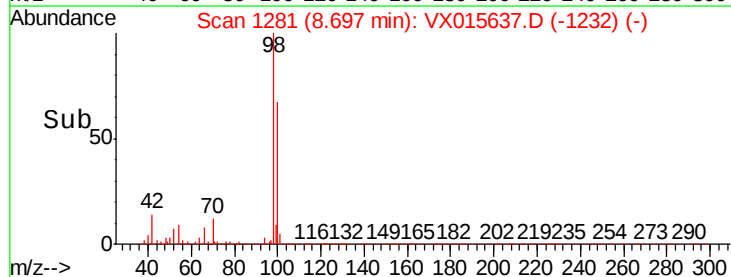
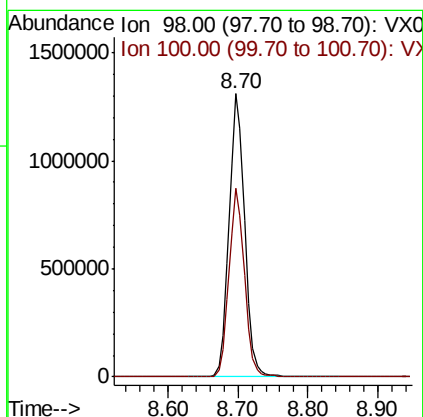
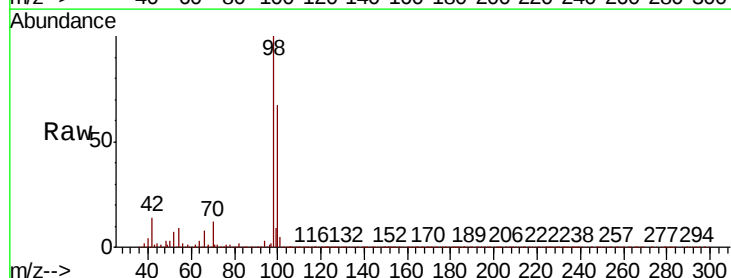
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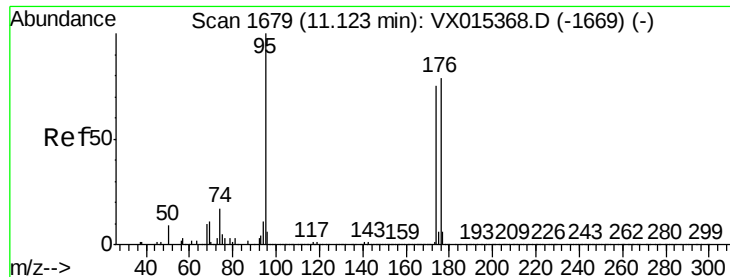
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	23.8	17.8	26.6



#50
 Toluene-d8
 Concen: 51.135 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 53.820 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-258-260

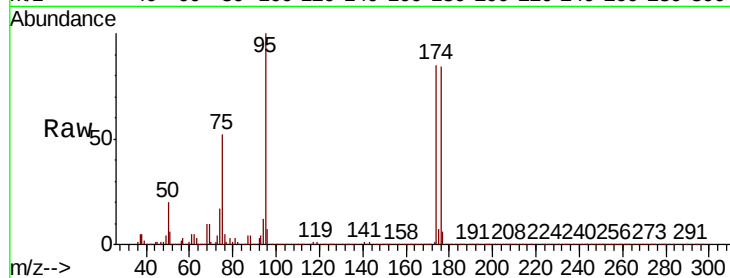
Tot Ion: 95 Resp: 869936

Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.6

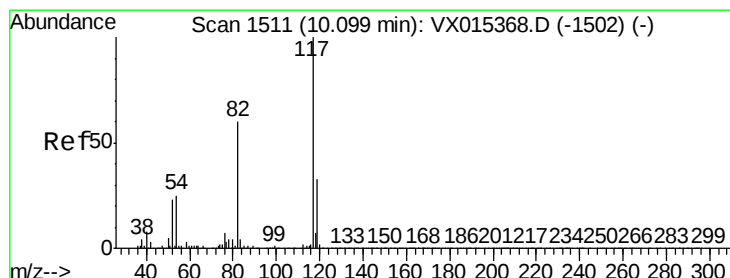
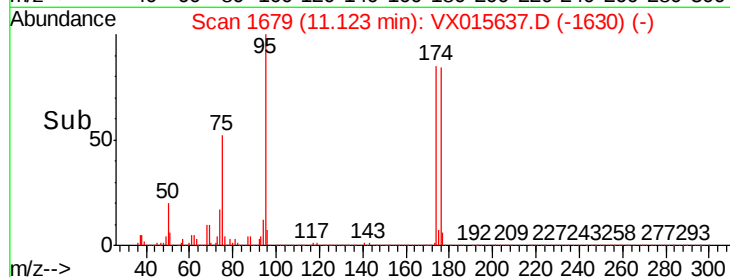
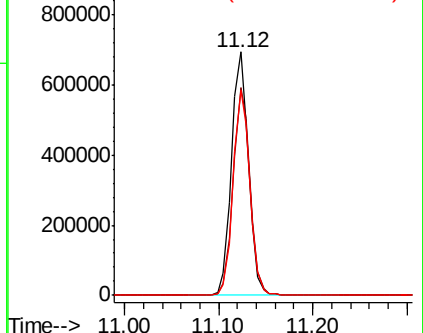
176 82.7 0.0 159.0



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: VX015637.D

Acq: 10 Apr 2020 21:13

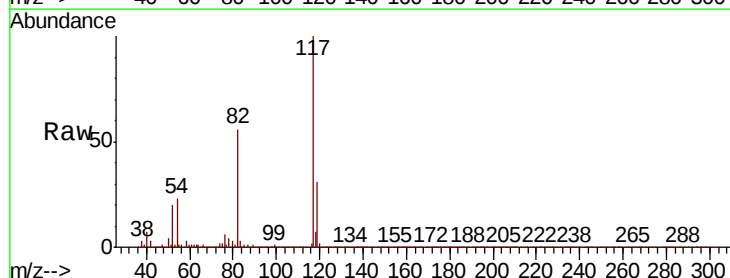
Tgt Ion: 117 Resp: 1653041

Ion Ratio Lower Upper

117 100

82 55.9 47.8 71.8

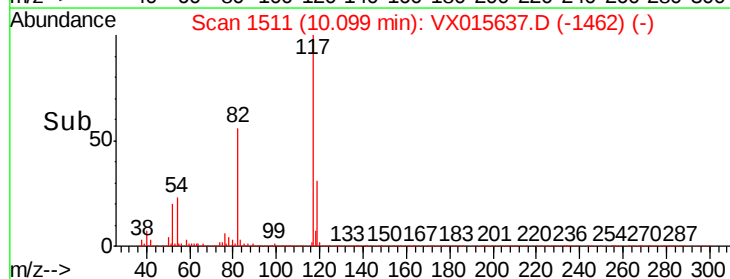
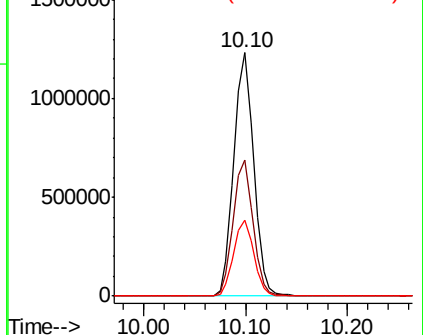
119 31.3 26.8 40.2

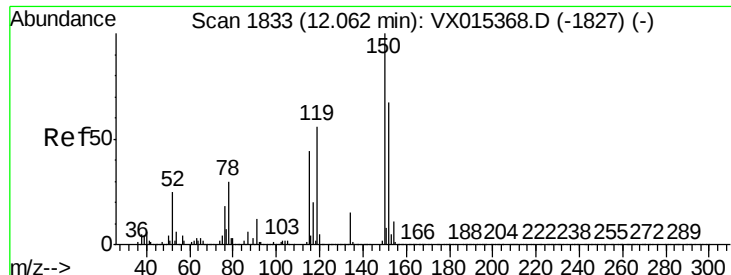


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX015637.D

Acq: 10 Apr 2020 21:13

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ClientSampleId :

BP-VPB180-GW-258-260

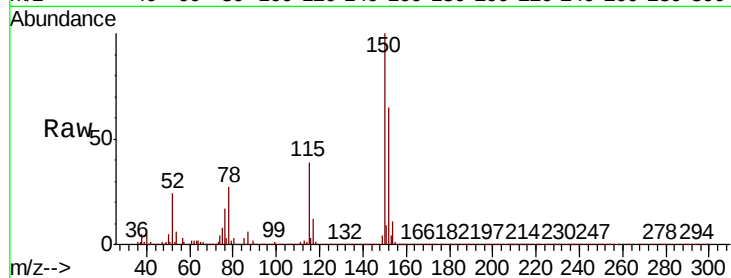
Tot Ion:152 Resp: 919208

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

150 155.2 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

