

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015717.D
 Acq On : 16 Apr 2020 17:08
 Operator : JC/SP
 Sample : L2276-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB180-GW-318-320

Quant Time: Apr 17 08:30:08 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

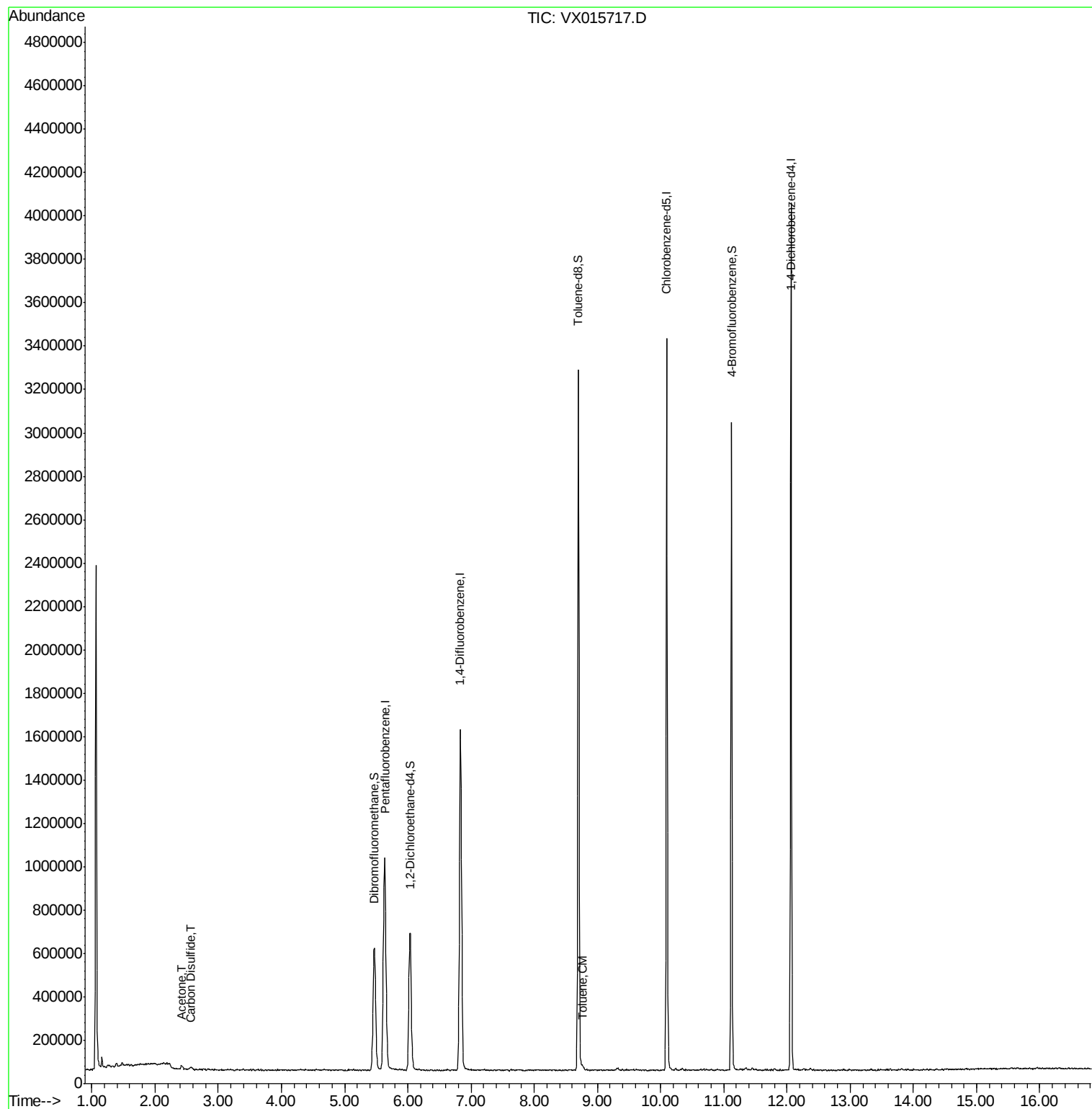
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1021080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1589670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1525948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	825013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	621324	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	
35) Dibromofluoromethane	5.47	113	482265	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	8.70	98	1885178	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.12	95	777026	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	2.42	43	24661	3.986	ug/l	95
17) Carbon Disulfide	2.55	76	10951	0.372	ug/l #	92
52) Toluene	8.77	92	5897	0.223	ug/l	98

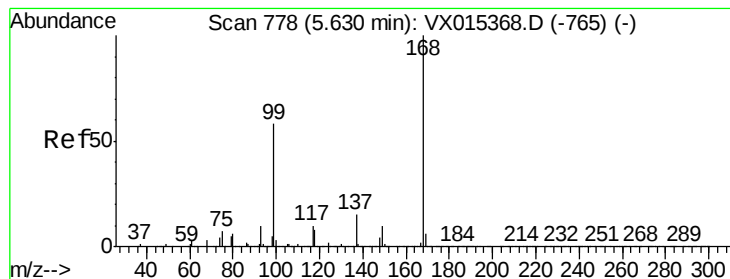
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 779

Delta R.T. 0.01 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

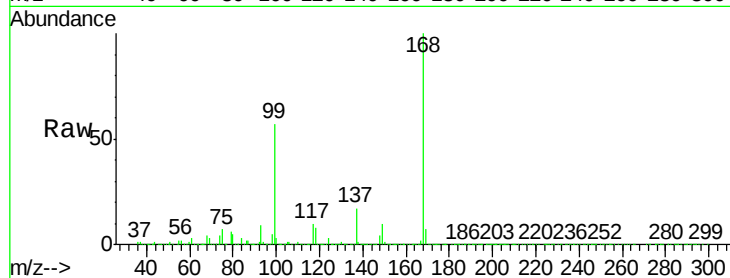
BP-VPB180-GW-318-320

Tot Ion:168 Resp: 1021080

Ion Ratio Lower Upper

168 100

99 56.5 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

300000

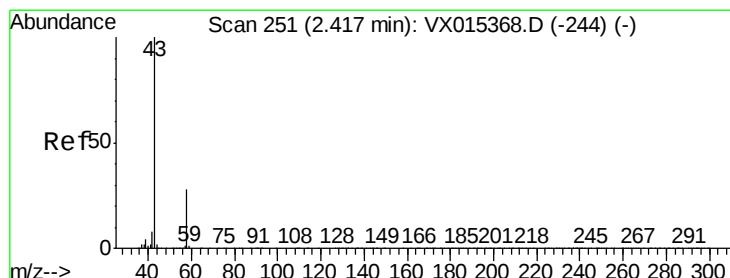
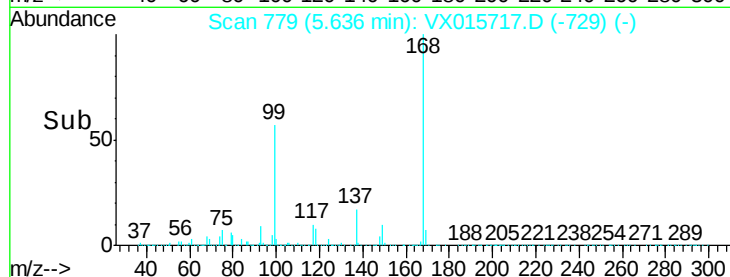
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.986 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015717.D

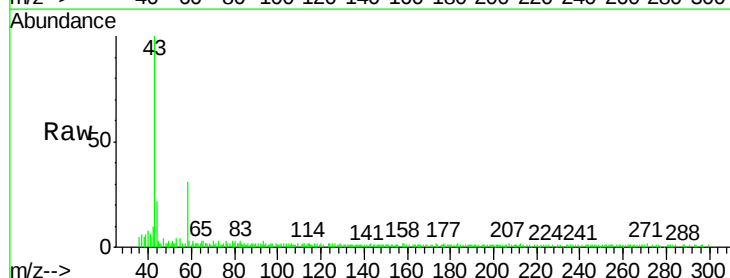
Acq: 16 Apr 2020 17:08

Tgt Ion: 43 Resp: 24661

Ion Ratio Lower Upper

43 100

58 30.1 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

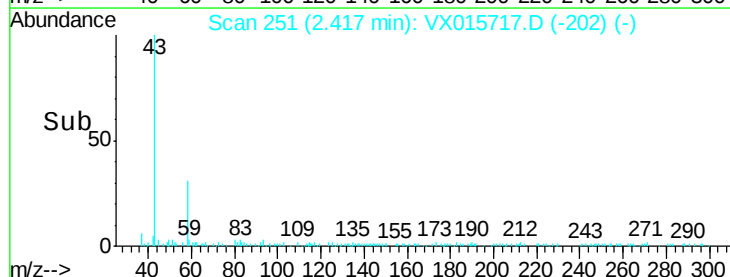
10000

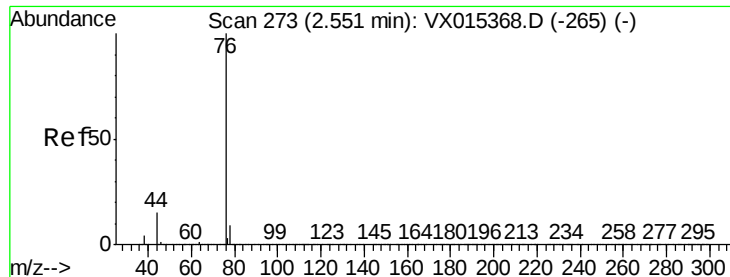
5000

0

Time-->

2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 0.372 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

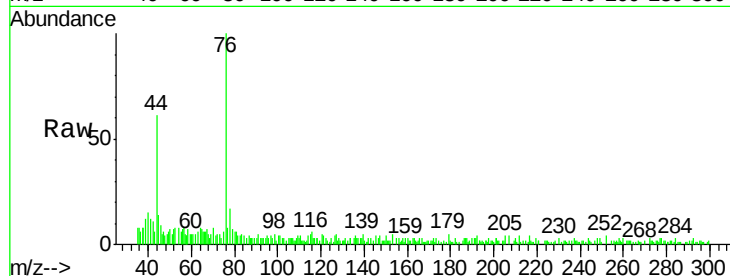
BP-VPB180-GW-318-320

Tot Ion: 76 Resp: 10951

Ion Ratio Lower Upper

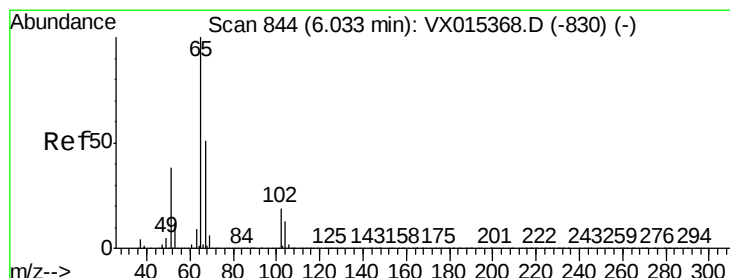
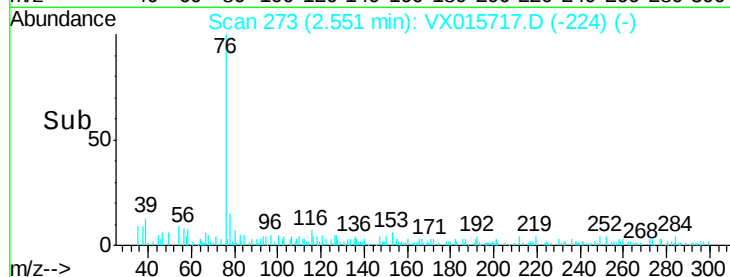
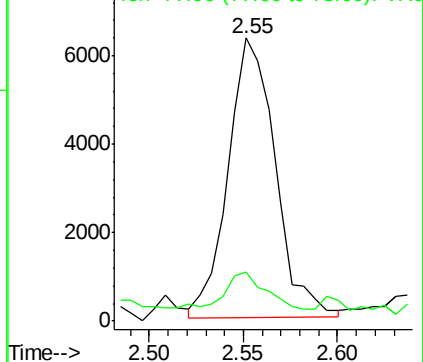
76 100

78 11.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.144 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015717.D

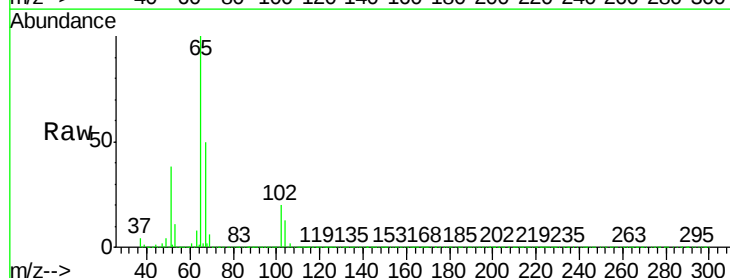
Acq: 16 Apr 2020 17:08

Tgt Ion: 65 Resp: 621324

Ion Ratio Lower Upper

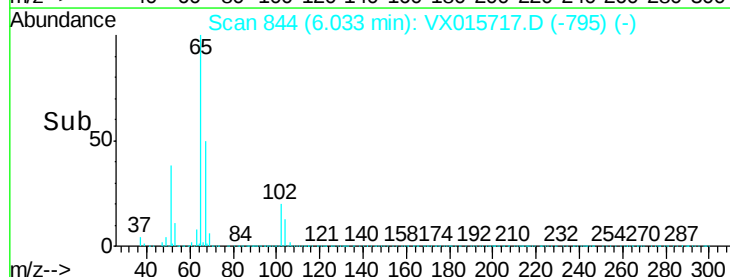
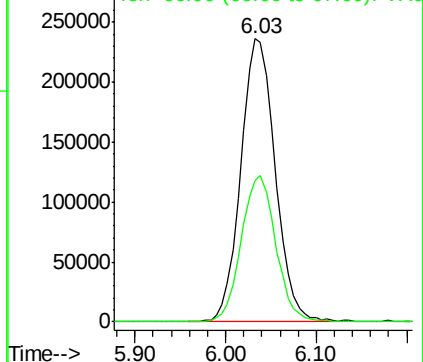
65 100

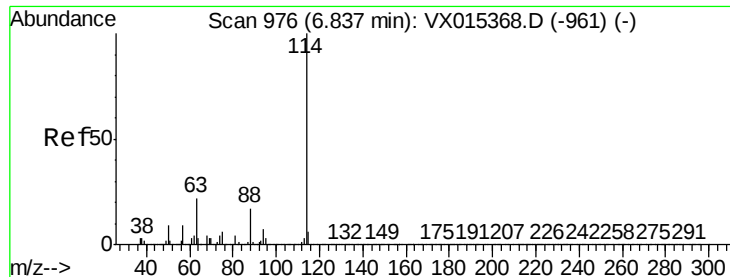
67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-318-320

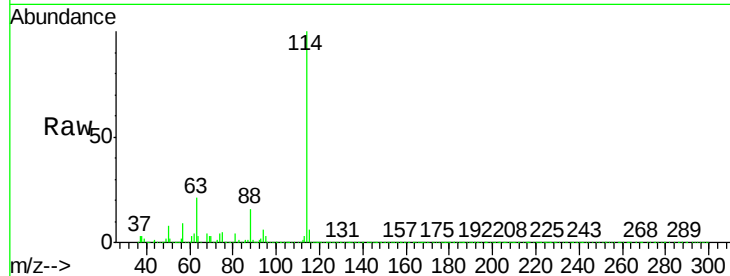
Tot Ion:114 Resp: 1589670

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

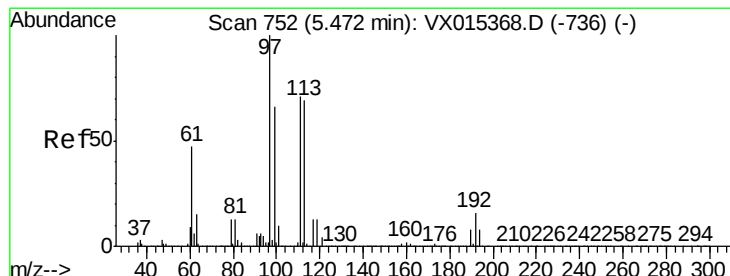
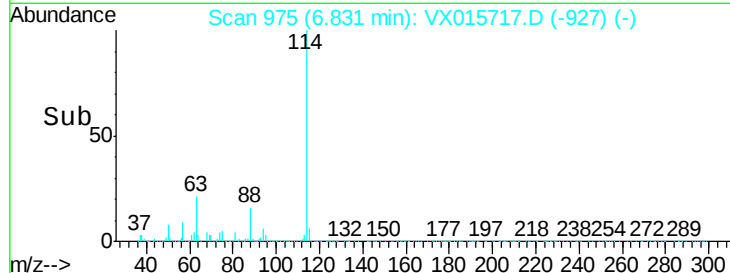
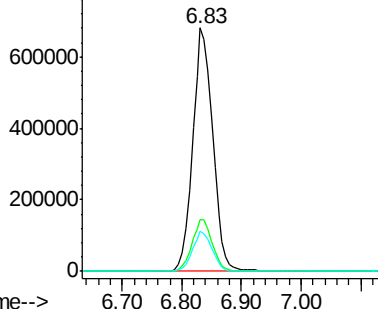
88 16.2 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 47.460 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

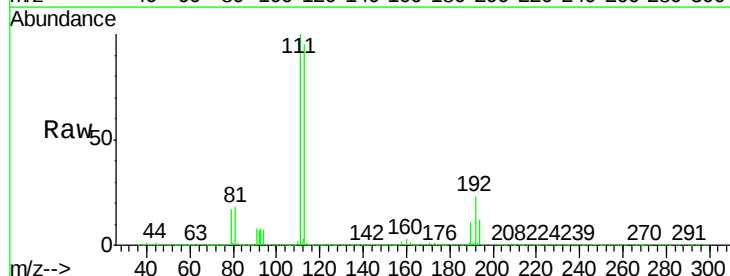
Tgt Ion:113 Resp: 482265

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

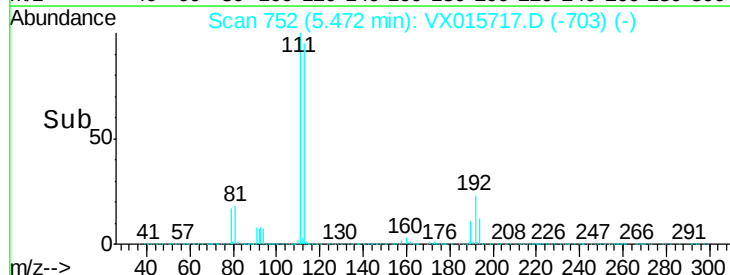
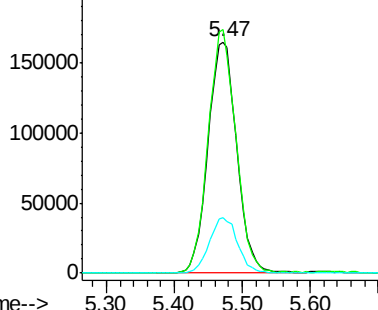
192 23.7 17.8 26.6

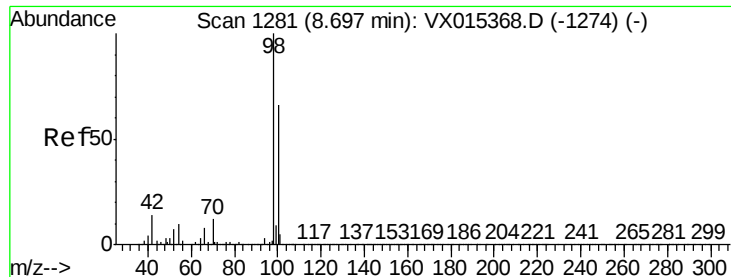


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

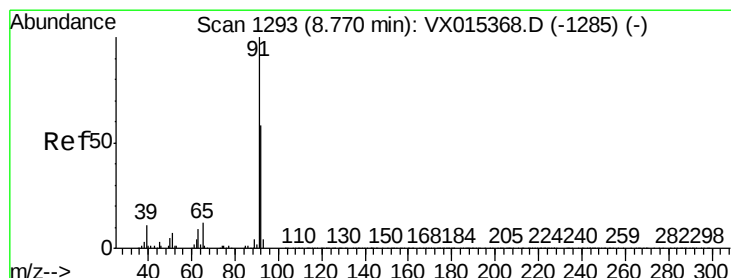
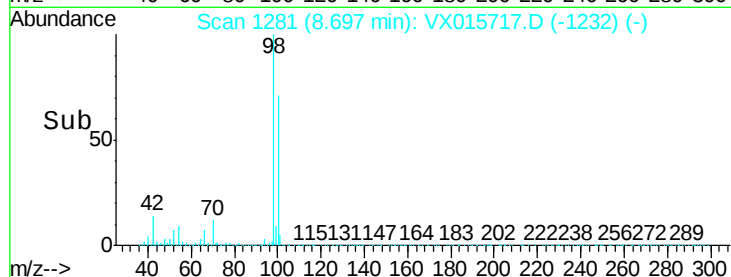
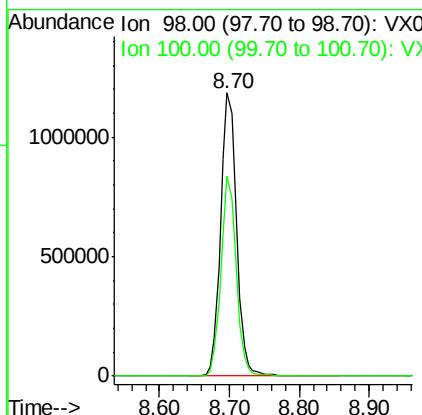
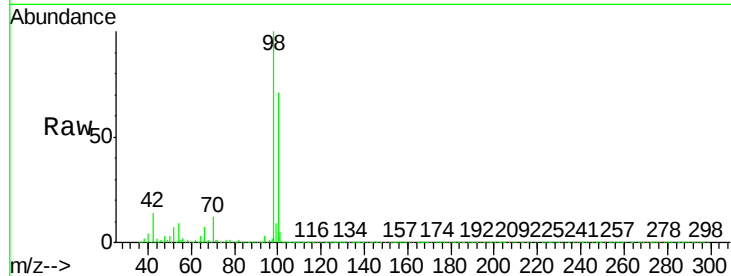




#50
Toluene-d8
Concen: 50.389 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015717.D
Acq: 16 Apr 2020 17:08

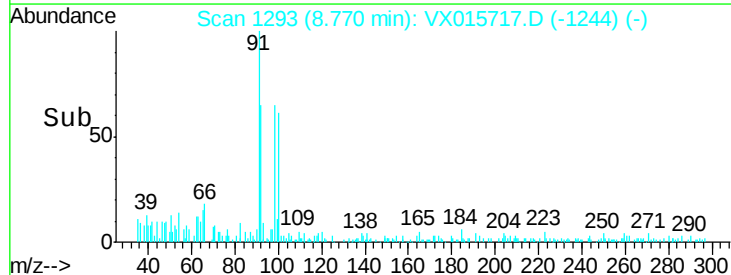
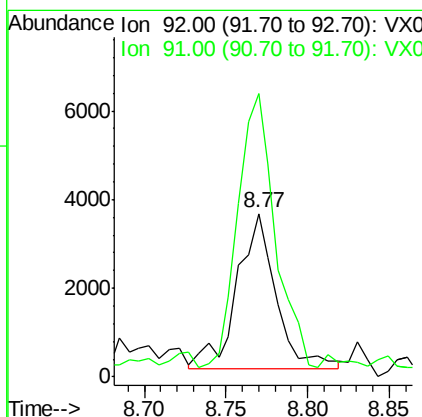
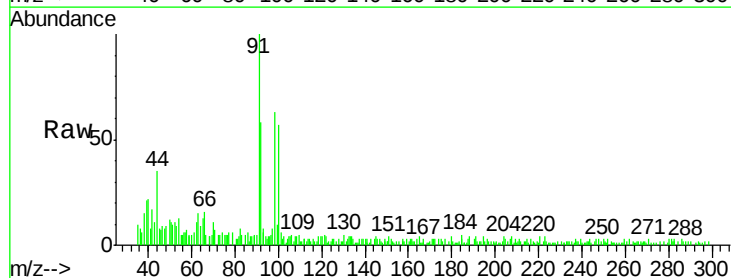
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB180-GW-318-320

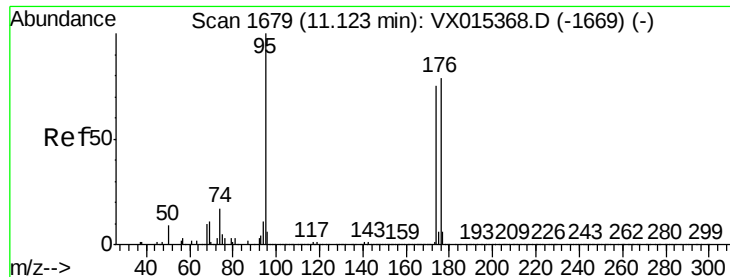
Tot Ion: 98 Resp: 1885178
Ion Ratio Lower Upper
98 100
100 67.7 53.5 80.3



#52
Toluene
Concen: 0.223 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015717.D
Acq: 16 Apr 2020 17:08

Tgt Ion: 92 Resp: 5897
Ion Ratio Lower Upper
92 100
91 168.7 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 51.105 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-318-320

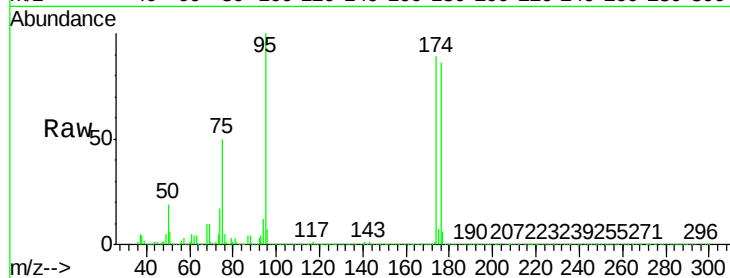
Tot Ion: 95 Resp: 777026

Ion Ratio Lower Upper

95 100

174 88.1 0.0 158.6

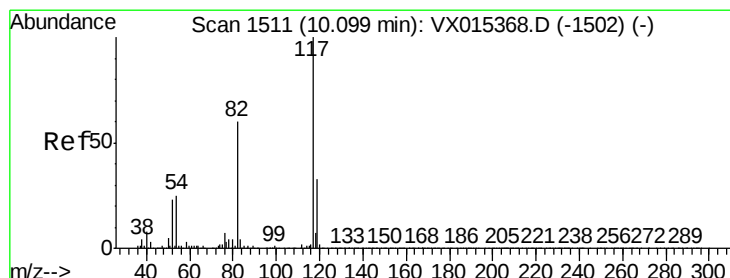
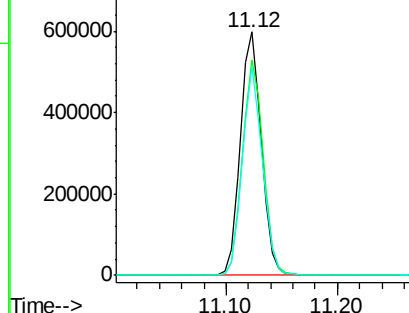
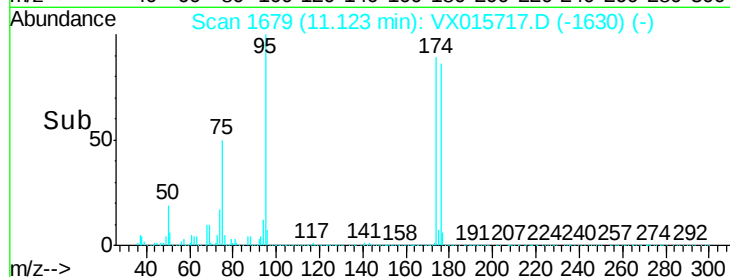
176 82.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015717.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015717.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015717.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015717.D

Acq: 16 Apr 2020 17:08

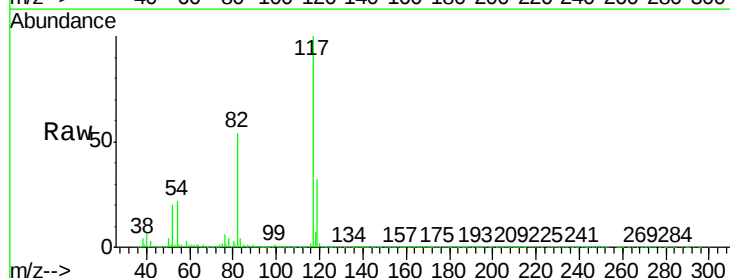
Tgt Ion: 117 Resp: 1525948

Ion Ratio Lower Upper

117 100

82 54.3 47.8 71.8

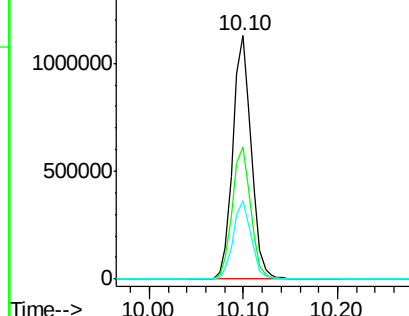
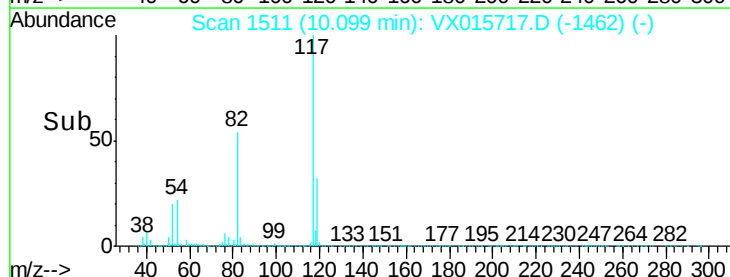
119 32.1 26.8 40.2

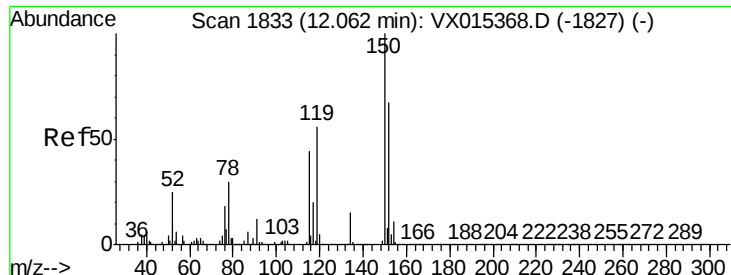


Abundance Ion 116.90 (116.60 to 117.60): VX015717.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015717.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015717.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015717.D

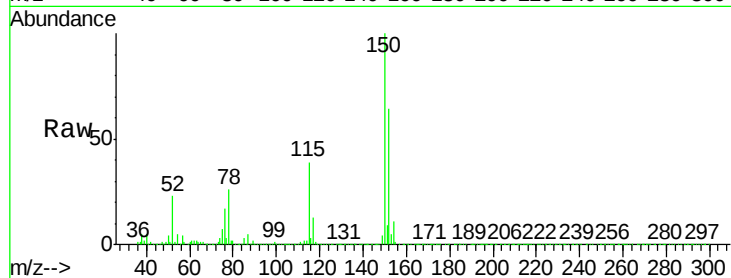
Acq: 16 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB180-GW-318-320



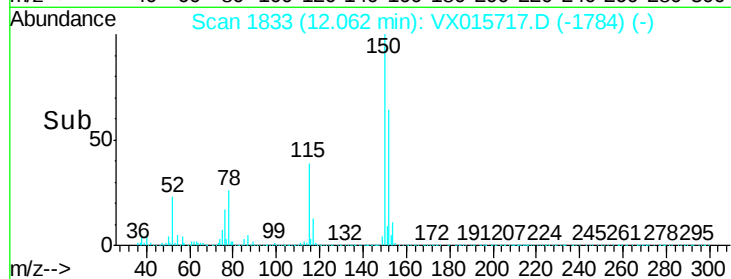
Tot Ion:152 Resp: 825013

Ion Ratio Lower Upper

152 100

115 58.0 39.0 116.9

150 155.4 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

