

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017769.D
 Acq On : 04 Aug 2020 14:39
 Operator : JC/SP
 Sample : L3556-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-358-360

Quant Time: Aug 05 02:51:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	589985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	866607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	381639	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	301505	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.70	98	1027200	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.12	95	393154	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

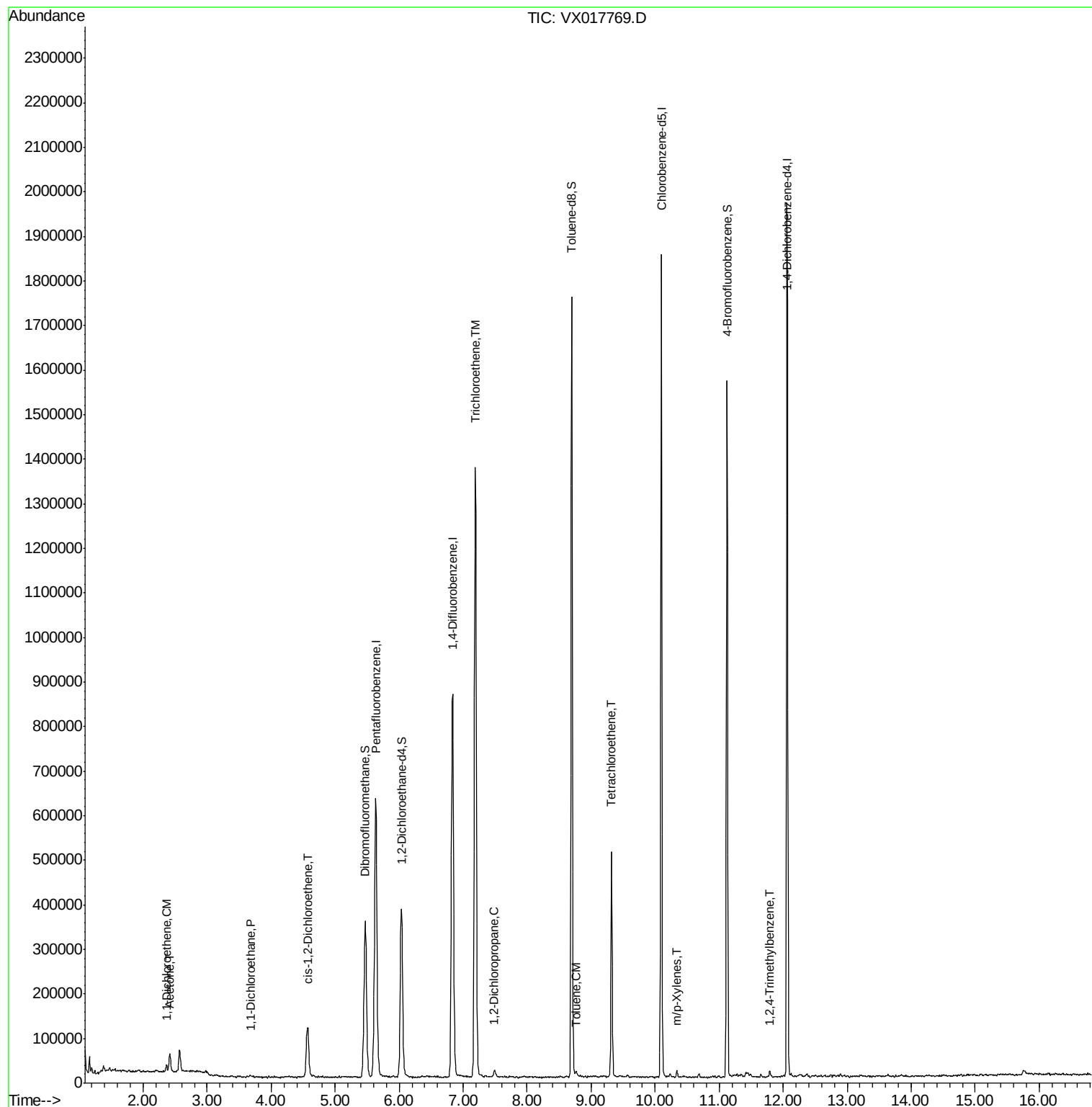
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	6593	1.082	ug/l	98
16) Acetone	2.42	43	45040	13.503	ug/l	97
24) 1,1-Dichloroethane	3.68	63	5423	0.463	ug/l #	91
27) cis-1,2-Dichloroethene	4.57	96	72936	10.286	ug/l	89
44) Trichloroethene	7.19	130	525963	75.528	ug/l	97
45) 1,2-Dichloropropane	7.49	63	6289	0.952	ug/l	93
52) Toluene	8.76	92	3435	0.225	ug/l	98
64) Tetrachloroethene	9.32	164	95465	13.152	ug/l	96
68) m/p-Xylenes	10.34	106	3410	0.301	ug/l	89
84) 1,2,4-Trimethylbenzene	11.79	105	6580	0.275	ug/l	93

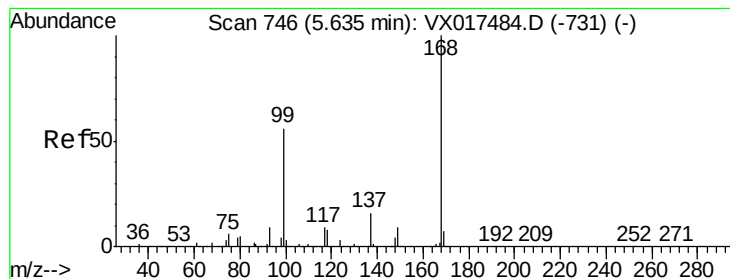
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
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QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

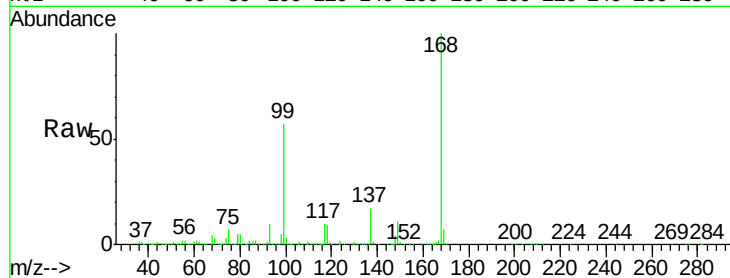
BP-VPB179-GW-358-360

Tgt Ion:168 Resp: 589985

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

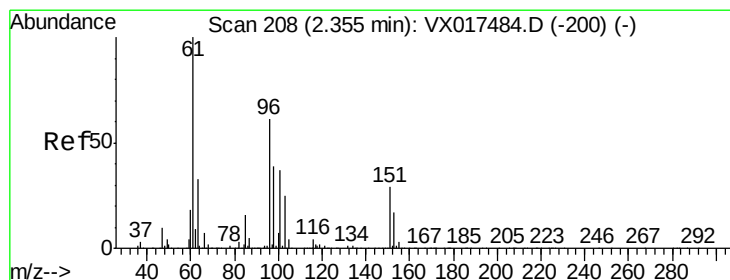
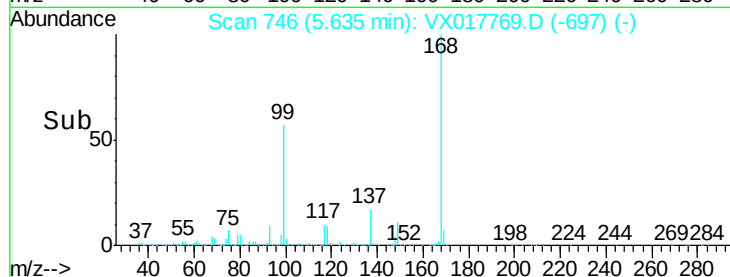
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.082 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

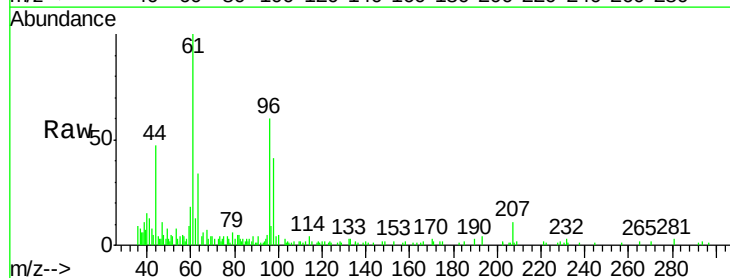
Tgt Ion: 96 Resp: 6593

Ion Ratio Lower Upper

96 100

61 164.8 134.0 201.0

98 64.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

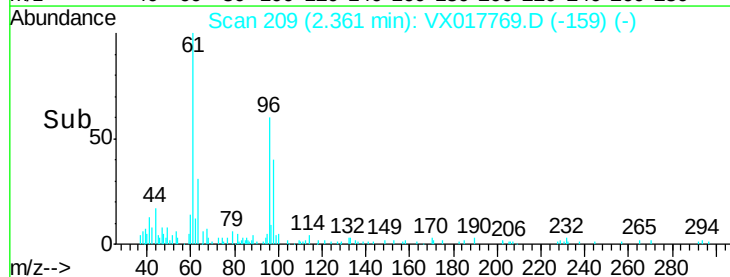
6000

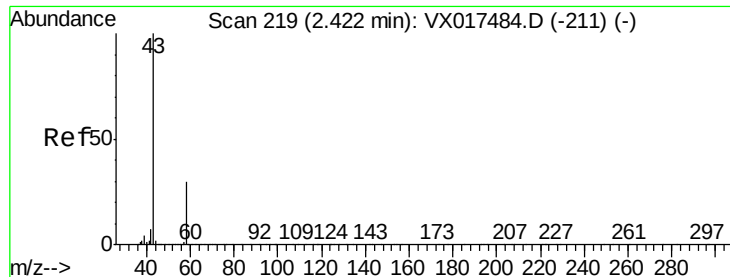
4000

2000

0

Time-->





#16

Acetone

Concen: 13.503 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

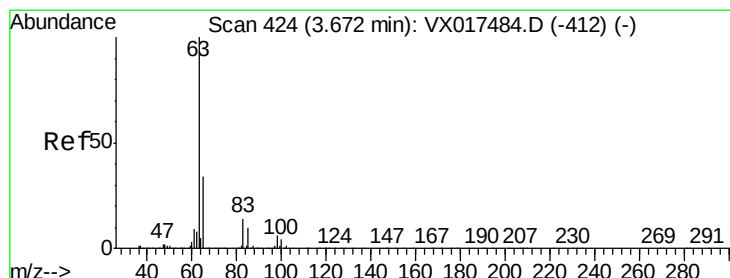
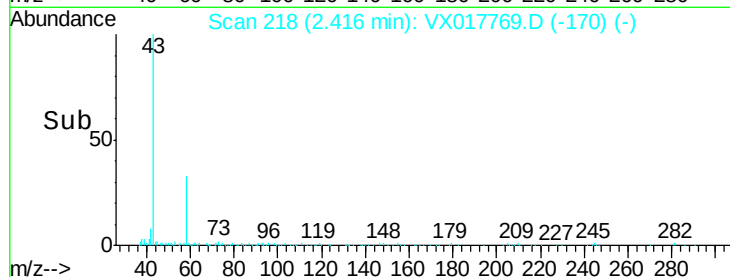
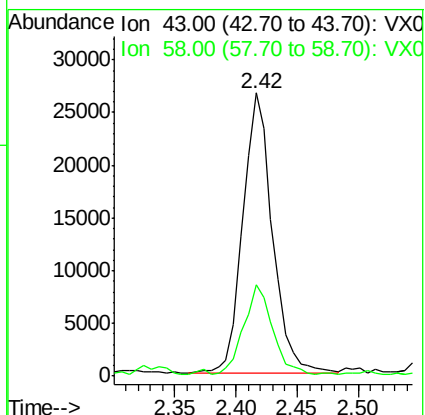
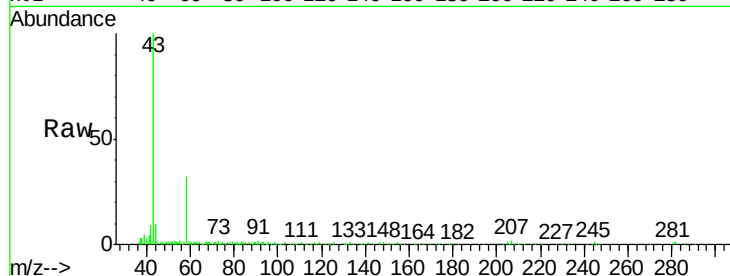
BP-VPB179-GW-358-360

Tgt Ion: 43 Resp: 45040

Ion Ratio Lower Upper

43 100

58 32.1 24.2 36.4



#24

1,1-Dichloroethane

Concen: 0.463 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

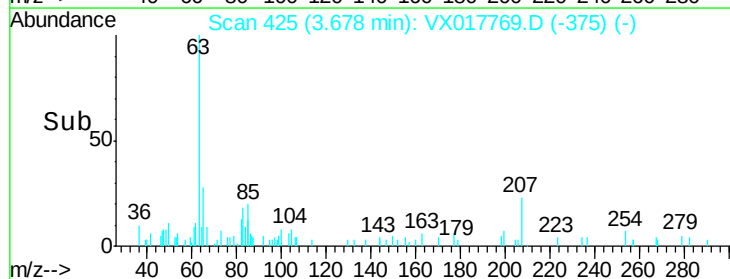
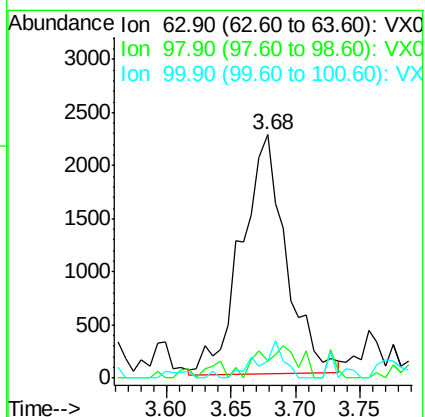
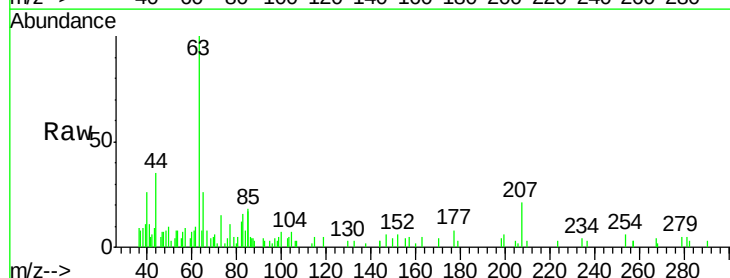
Tgt Ion: 63 Resp: 5423

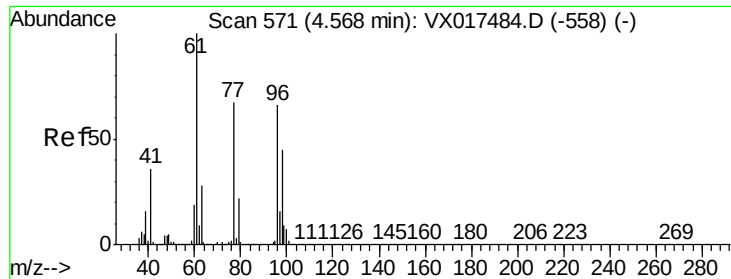
Ion Ratio Lower Upper

63 100

98 3.9 3.4 10.1

100 7.4 1.9 5.7#





#27

cis-1,2-Dichloroethene

Concen: 10.286 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-358-360

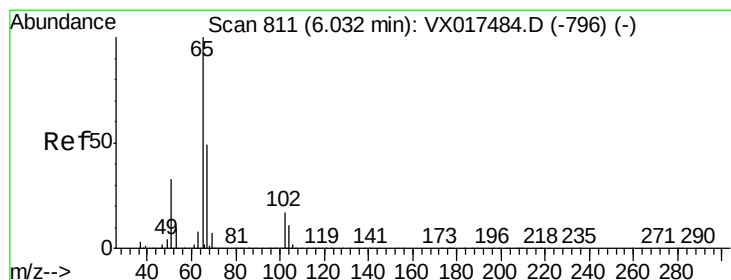
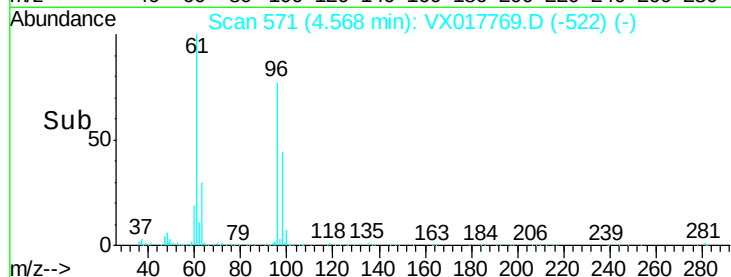
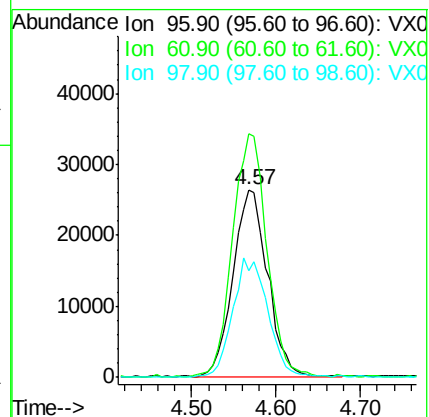
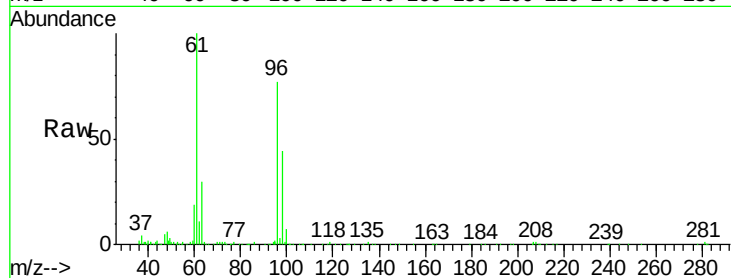
Tgt Ion: 96 Resp: 72936

Ion Ratio Lower Upper

96 100

61 130.9 0.0 301.2

98 65.2 0.0 130.0



#33

1,2-Dichloroethane-d4

Concen: 50.357 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017769.D

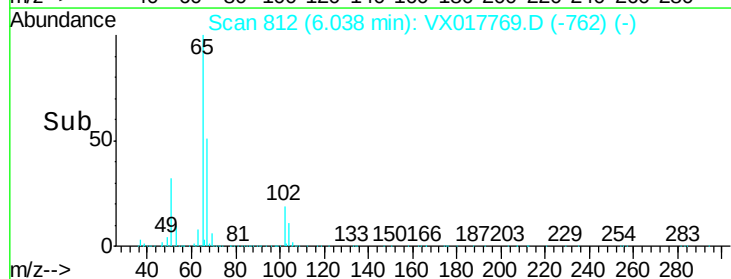
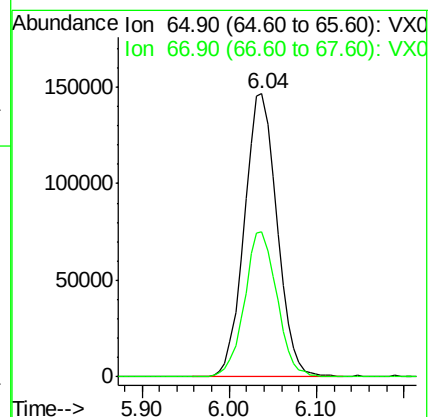
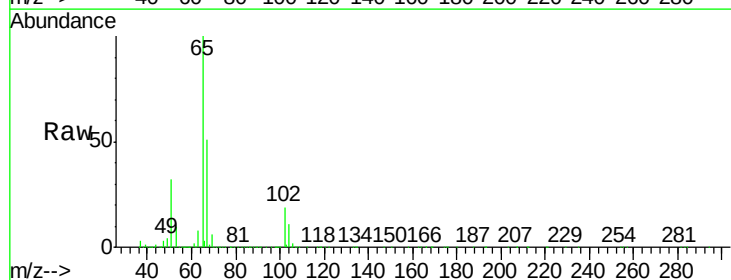
Acq: 04 Aug 2020 14:39

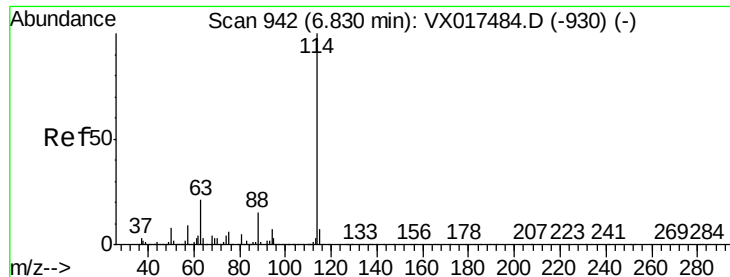
Tgt Ion: 65 Resp: 381639

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.8

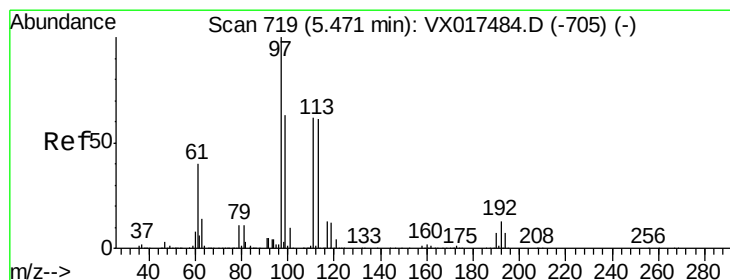
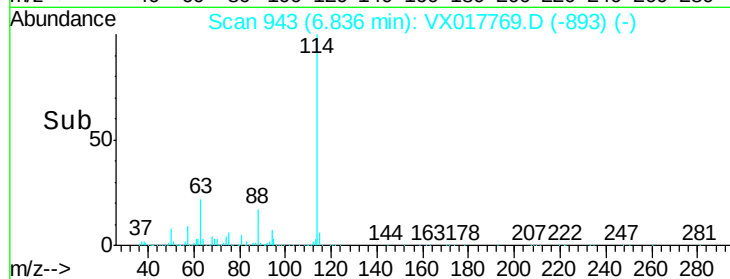
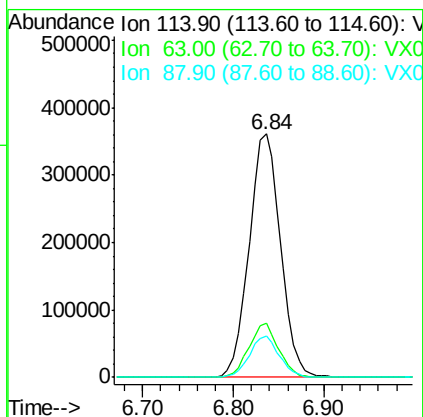
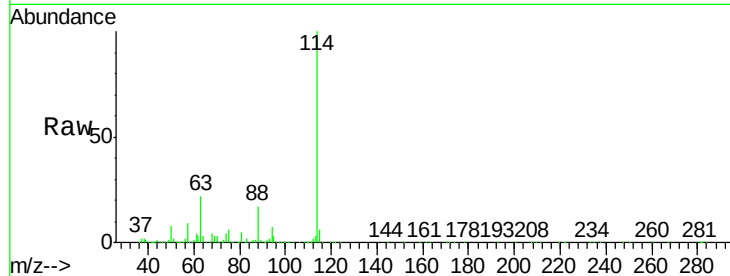




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

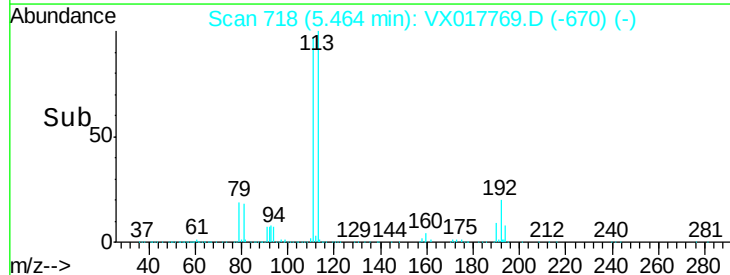
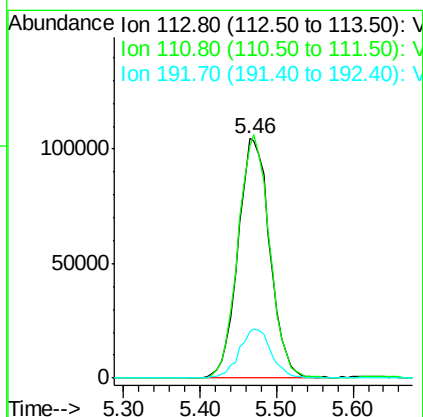
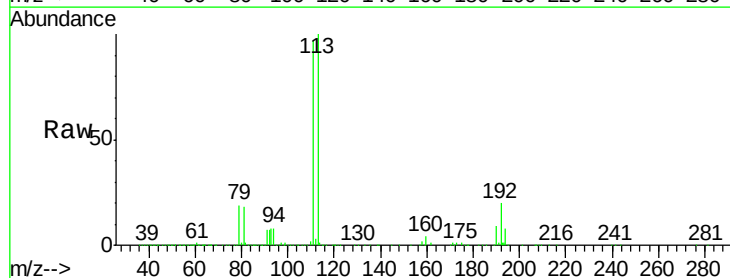
Instrument :
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 ClientSampleId :
 BP-VPB179-GW-358-360

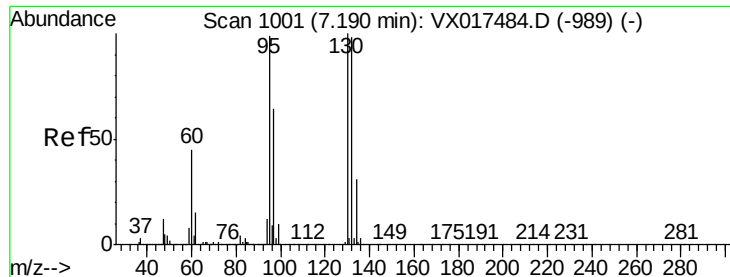
Tgt Ion:	114	Resp:	866607
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.6
88	16.9	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 52.020 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

Tgt Ion:	113	Resp:	301505
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	20.5	16.9	25.3





#44

Trichloroethene

Concen: 75.528 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

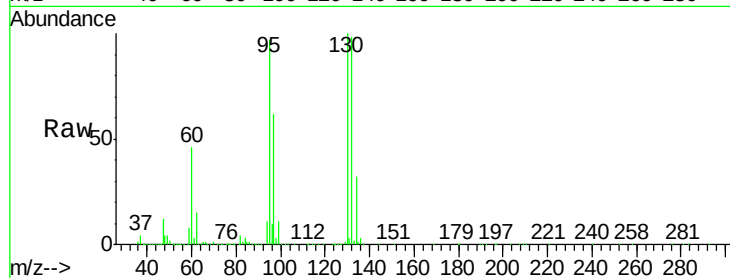
BP-VPB179-GW-358-360

Tgt Ion:130 Resp: 525963

Ion Ratio Lower Upper

130 100

95 97.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

150000

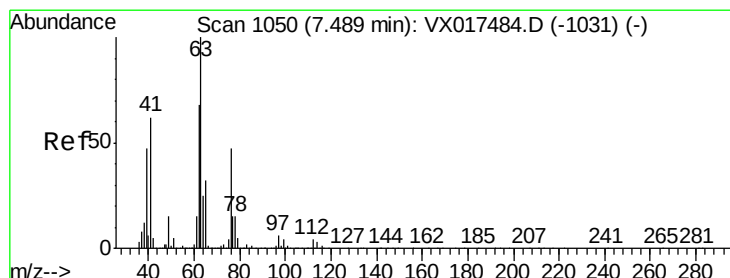
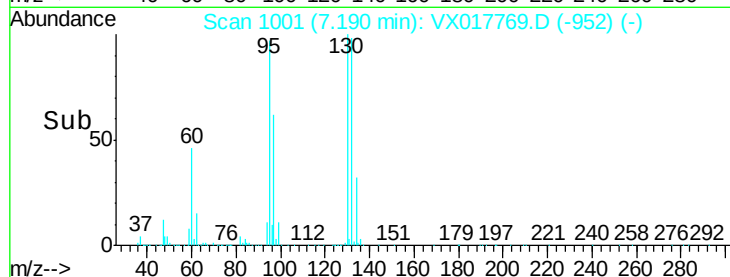
100000

50000

0

Time-->

7.10 7.20 7.30



#45

1,2-Dichloropropane

Concen: 0.952 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017769.D

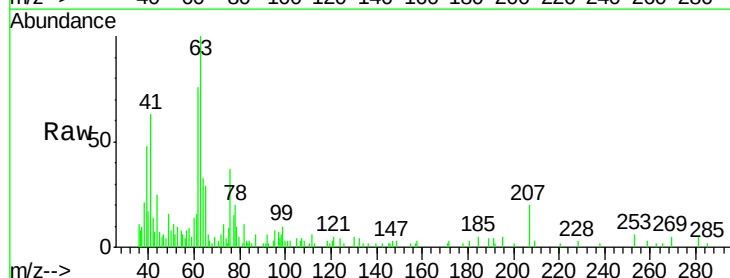
Acq: 04 Aug 2020 14:39

Tgt Ion: 63 Resp: 6289

Ion Ratio Lower Upper

63 100

65 26.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

3000

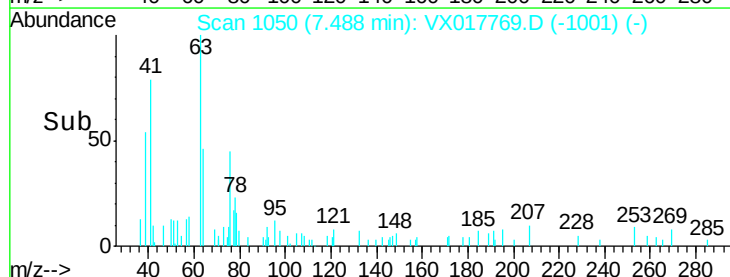
2000

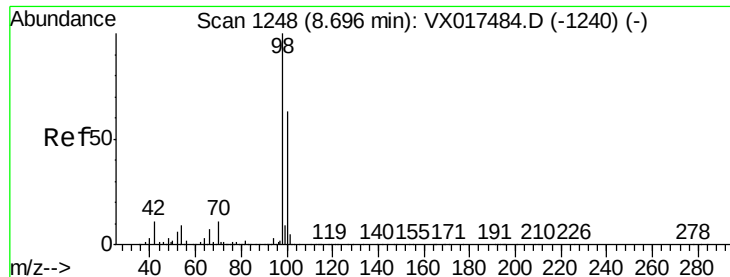
1000

0

Time-->

7.40 7.45 7.50 7.55

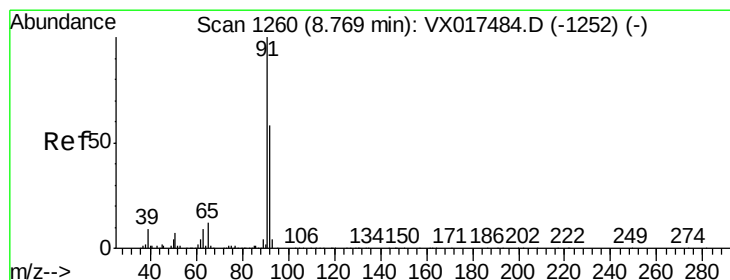
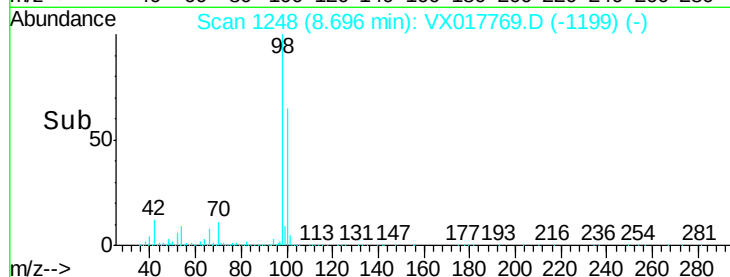
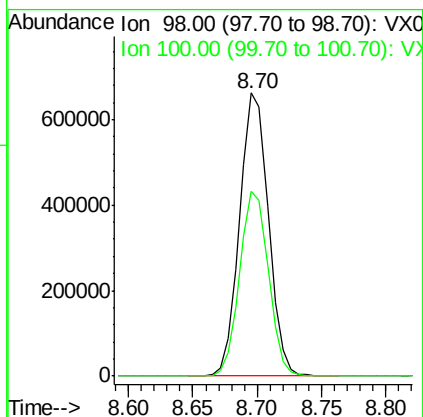
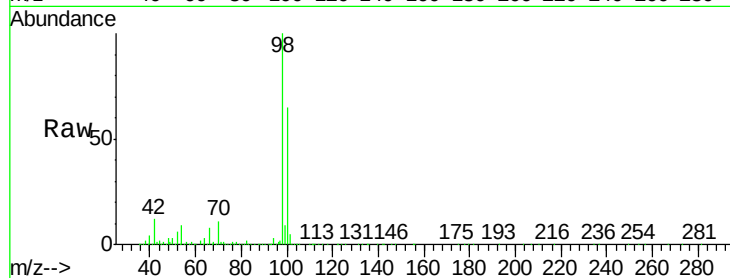




#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

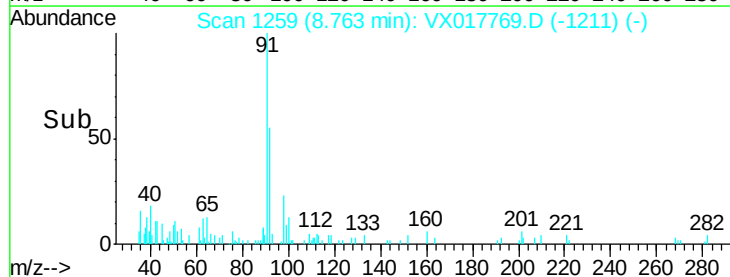
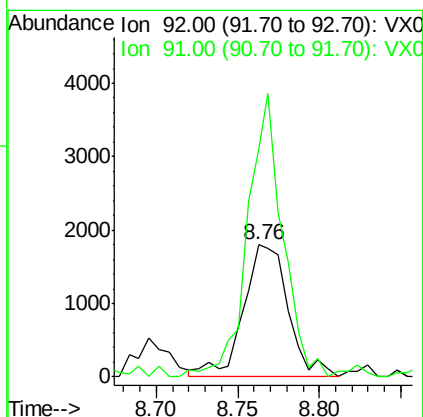
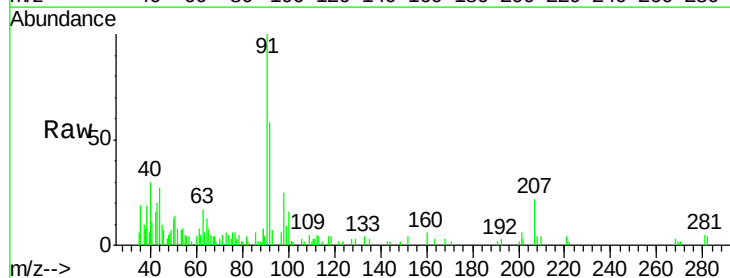
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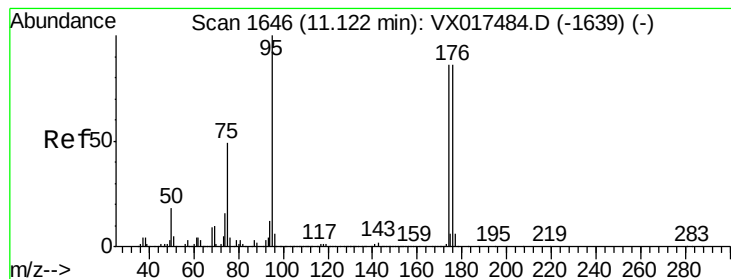
Tgt Ion: 98 Resp: 1027200
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#52
Toluene
Concen: 0.225 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

Tgt Ion: 92 Resp: 3435
Ion Ratio Lower Upper
92 100
91 168.8 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 46.985 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-358-360

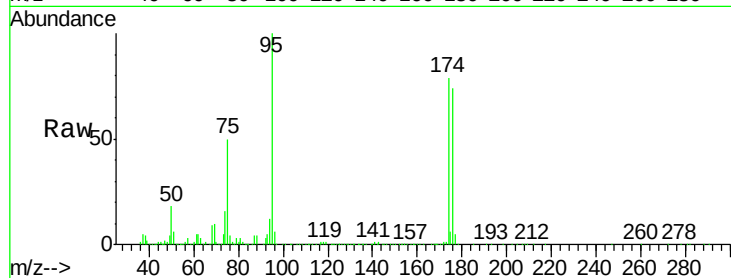
Tgt Ion: 95 Resp: 393154

Ion Ratio Lower Upper

95 100

174 82.5 0.0 169.0

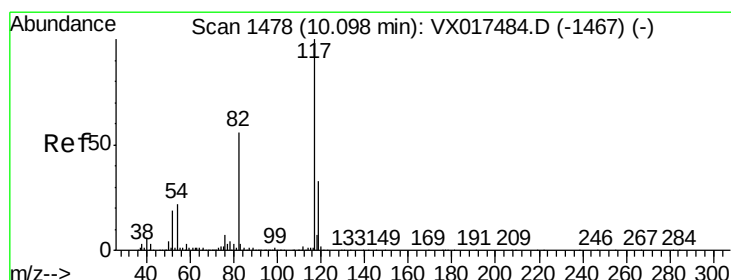
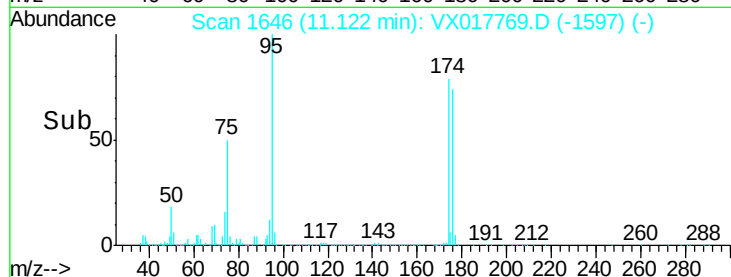
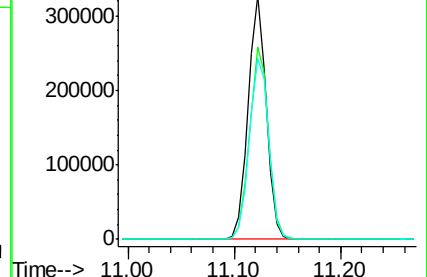
176 79.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

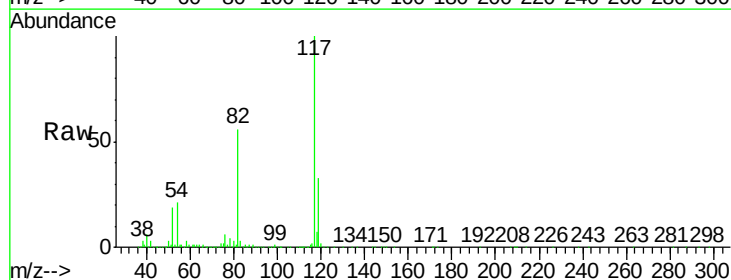
Tgt Ion: 117 Resp: 808747

Ion Ratio Lower Upper

117 100

82 55.6 44.0 66.0

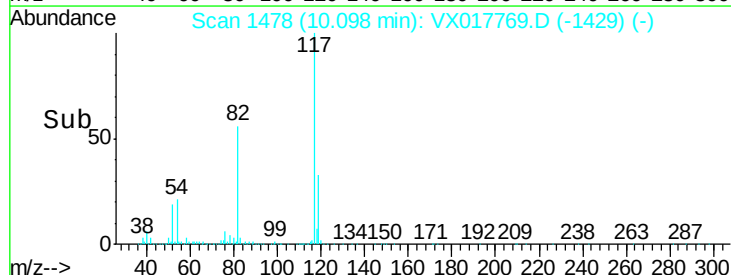
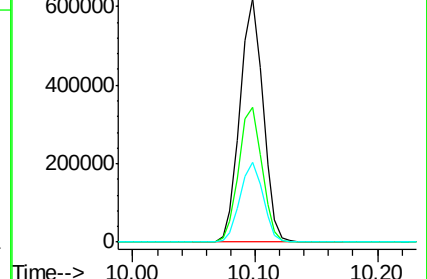
119 33.0 25.4 38.0

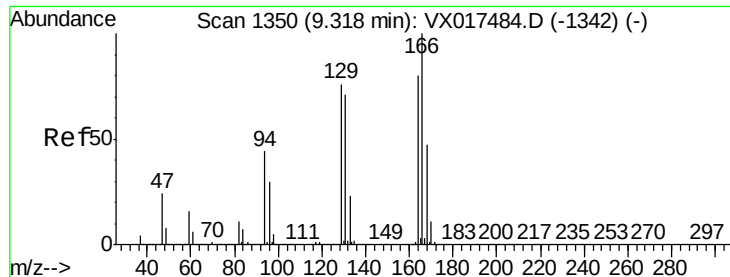


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)





#64

Tetrachloroethene

Concen: 13.152 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-358-360

Tgt Ion:164 Resp: 95465

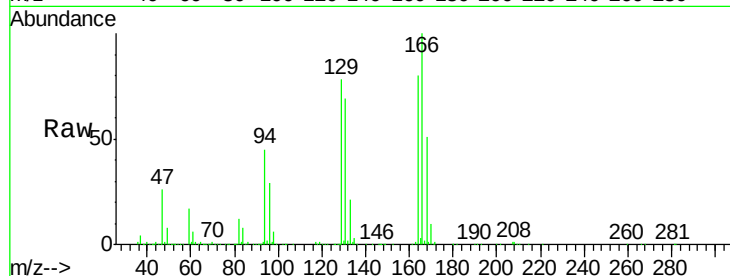
Ion Ratio Lower Upper

164 100

166 124.9 100.6 150.8

129 97.6 75.0 112.6

131 86.5 75.2 112.8

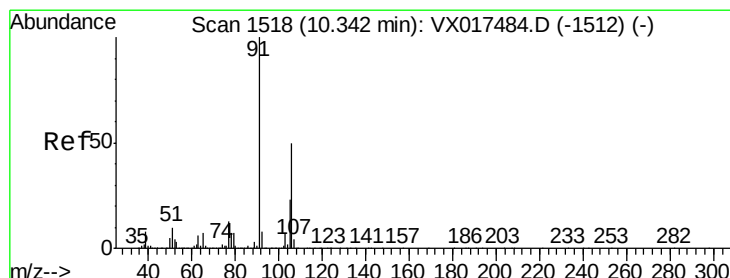
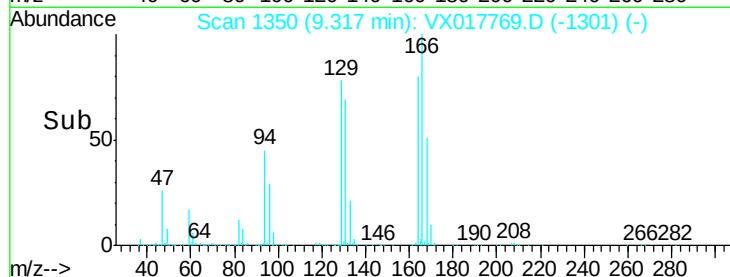
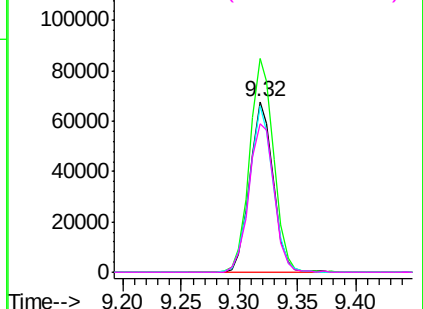


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 0.301 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017769.D

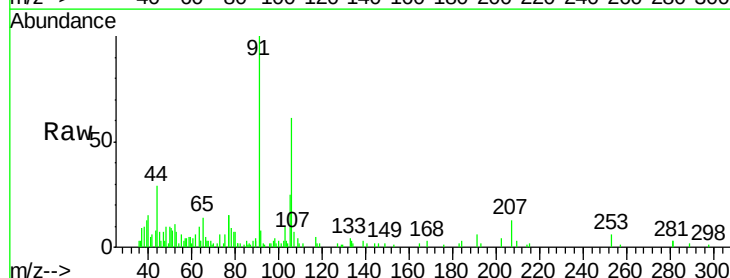
Acq: 04 Aug 2020 14:39

Tgt Ion:106 Resp: 3410

Ion Ratio Lower Upper

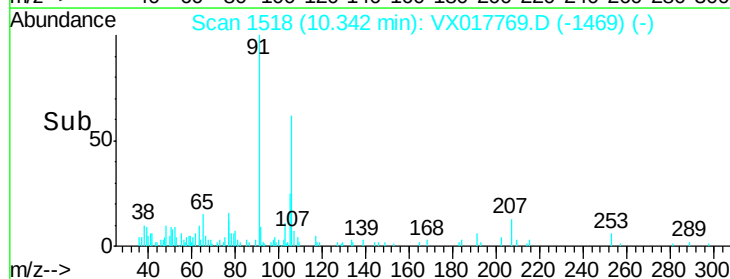
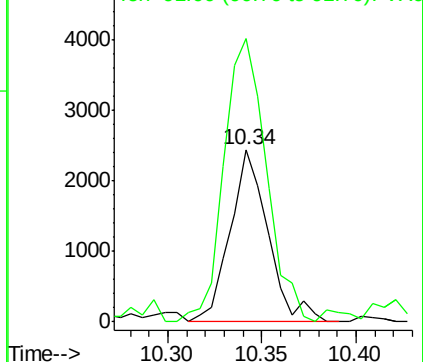
106 100

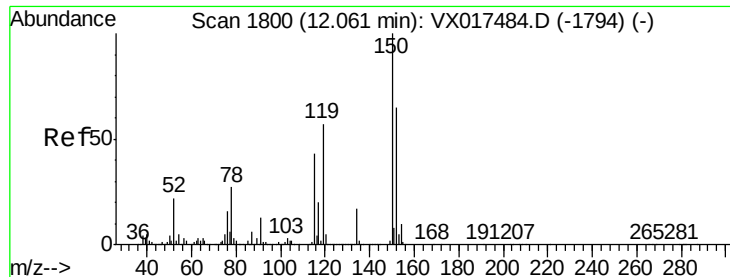
91 183.6 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

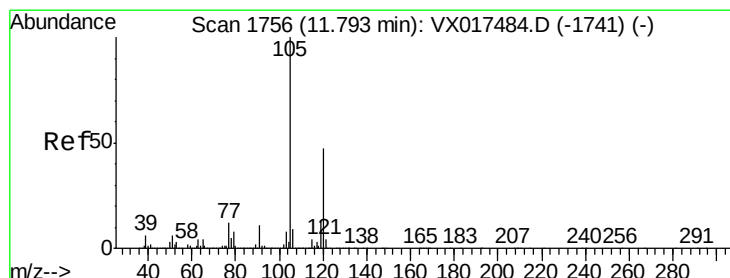
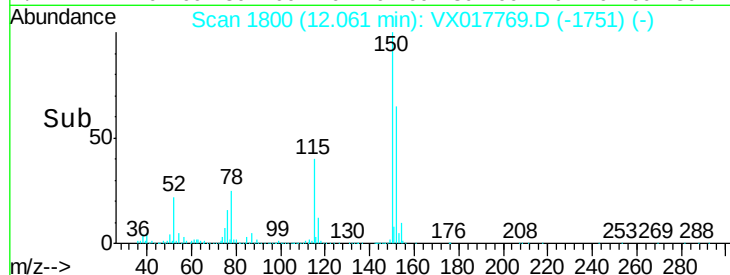
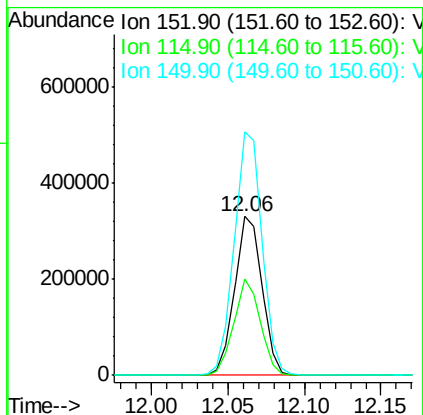
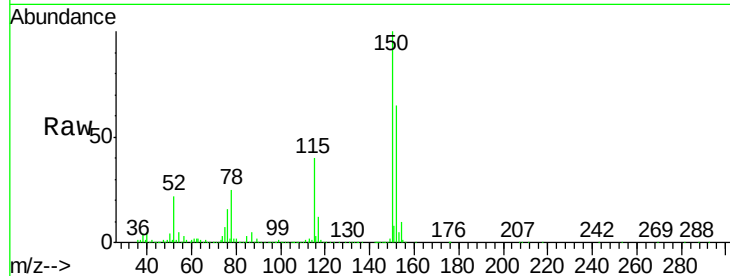
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-358-360

Tgt Ion:152 Resp: 411016
 Ion Ratio Lower Upper
 152 100
 115 58.3 65.5 196.6#
 150 155.4 0.0 412.6



#84

1,2,4-Trimethylbenzene

Concen: 0.275 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Tgt Ion:105 Resp: 6580
 Ion Ratio Lower Upper
 105 100
 120 50.1 22.7 68.0

