

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017771.D
 Acq On : 04 Aug 2020 15:25
 Operator : JC/SP
 Sample : L3556-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-398-400

Quant Time: Aug 05 02:58:51 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	582255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	891537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	375583	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.47	113	293034	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.70	98	1042886	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	389409	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

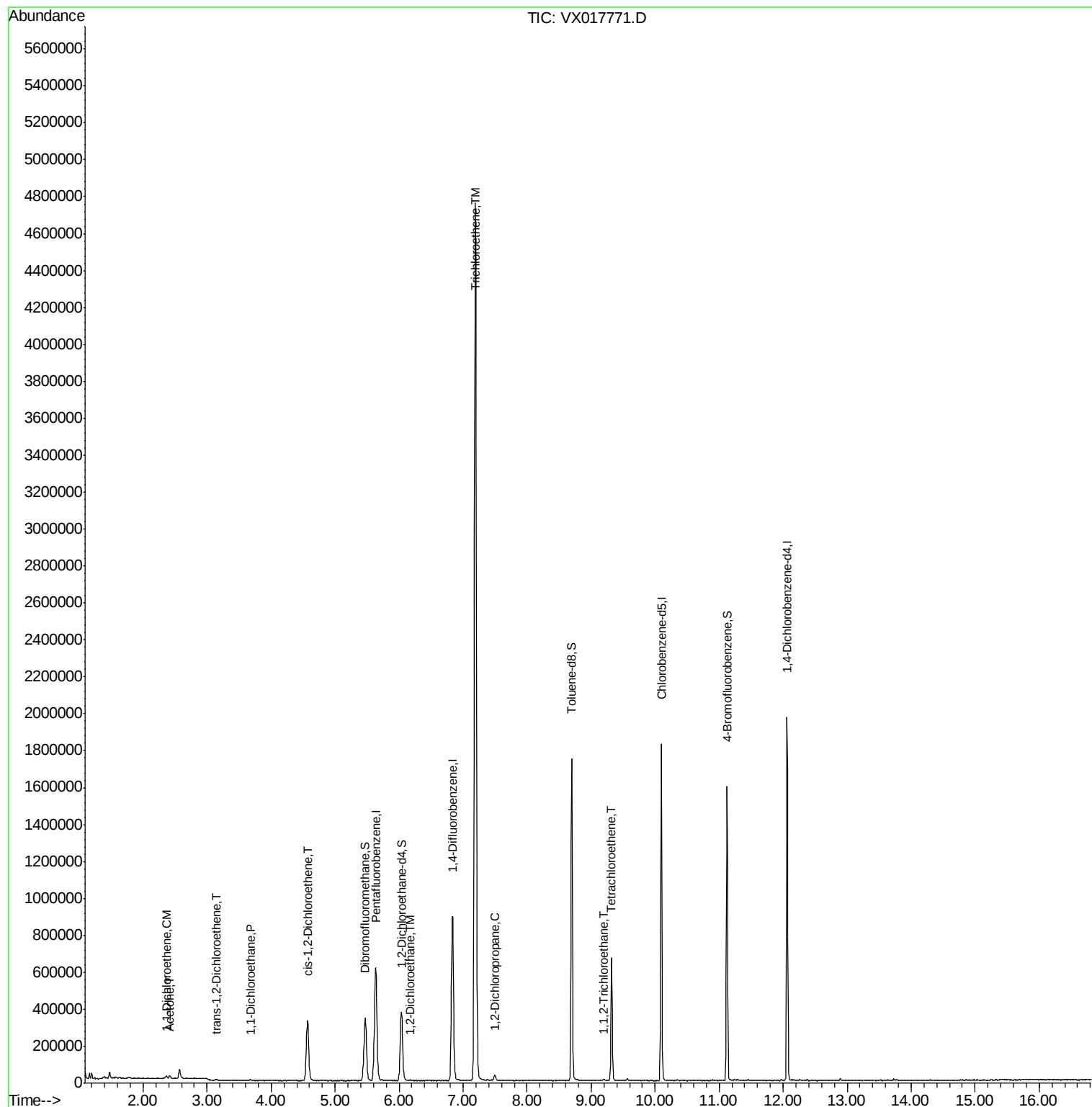
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.36	96	5426	0.902	ug/l	90
16) Acetone	2.42	43	14401	4.375	ug/l #	78
21) trans-1,2-Dichloroethene	3.15	96	3736	0.580	ug/l	87
24) 1,1-Dichloroethane	3.68	63	6180	0.534	ug/l #	90
27) cis-1,2-Dichloroethene	4.57	96	203793	29.122	ug/l	86
42) 1,2-Dichloroethane	6.17	62	2764	0.276	ug/l #	74
44) Trichloroethene	7.19	130	1830851	255.559	ug/l	98
45) 1,2-Dichloropropane	7.49	63	11594	1.706	ug/l #	88
55) 1,1,2-Trichloroethane	9.20	97	1869	0.285	ug/l #	91
64) Tetrachloroethene	9.32	164	131799	17.884	ug/l	94

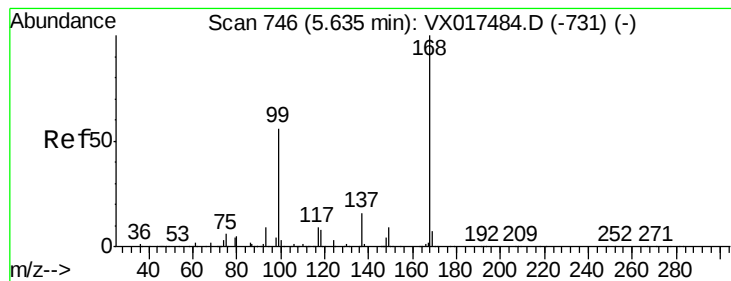
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
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Quant Time: Aug 05 02:58:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
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: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

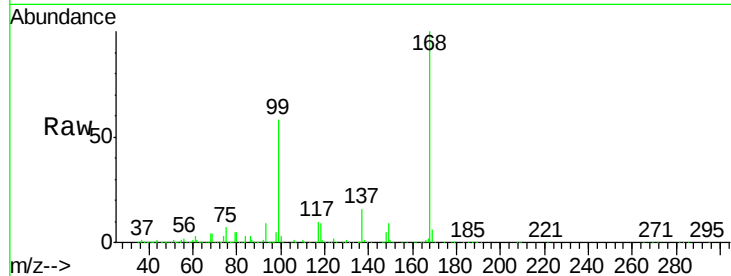
BP-VPB179-GW-398-400

Tgt Ion:168 Resp: 582255

Ion Ratio Lower Upper

168 100

99 57.9 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

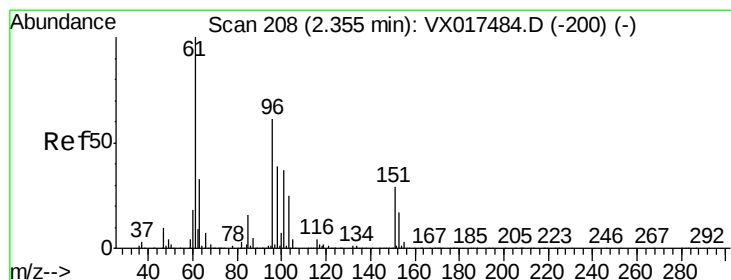
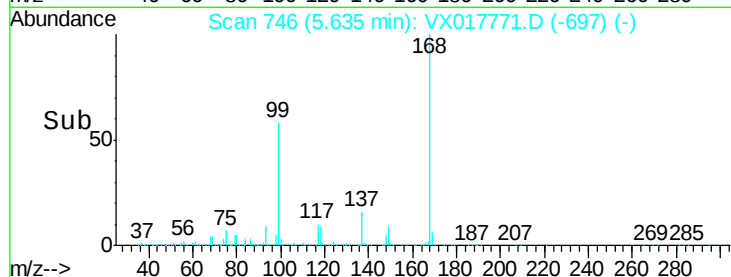
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.902 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

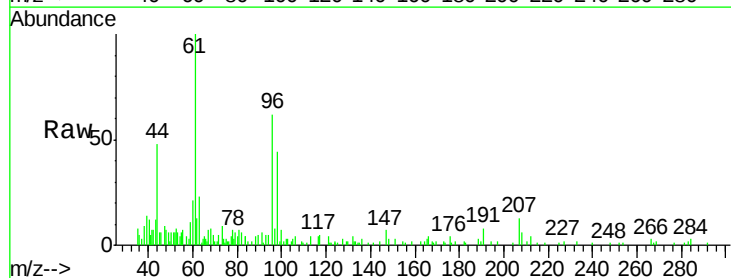
Tgt Ion: 96 Resp: 5426

Ion Ratio Lower Upper

96 100

61 153.9 134.0 201.0

98 71.1 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

5000

4000

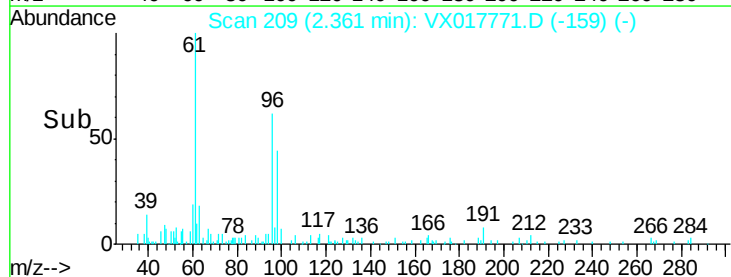
3000

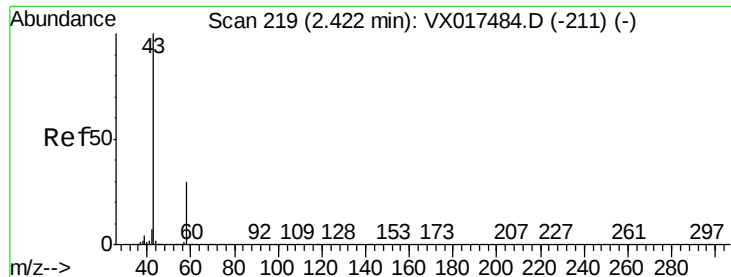
2000

1000

0

Time-->





#16

Acetone

Concen: 4.375 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

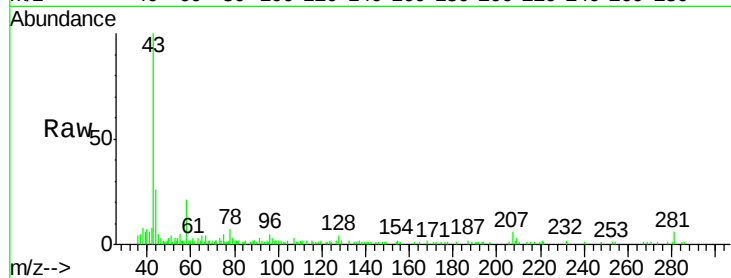
BP-VPB179-GW-398-400

Tgt Ion: 43 Resp: 14401

Ion Ratio Lower Upper

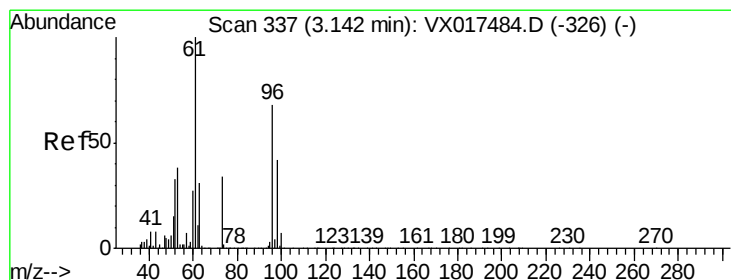
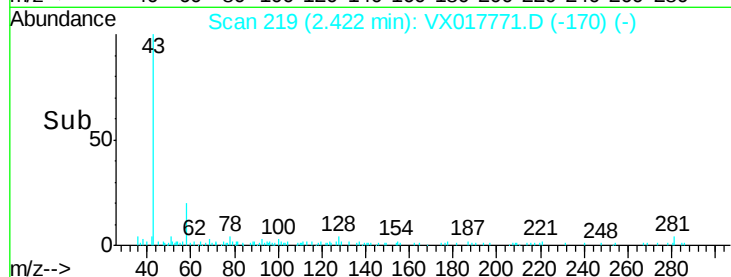
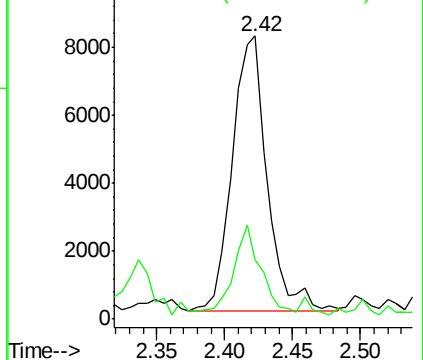
43 100

58 18.5 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.580 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

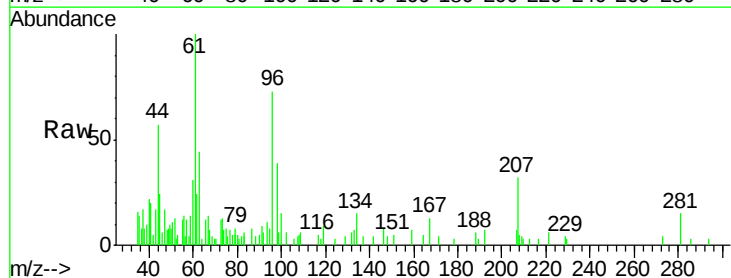
Tgt Ion: 96 Resp: 3736

Ion Ratio Lower Upper

96 100

61 127.0 113.0 169.4

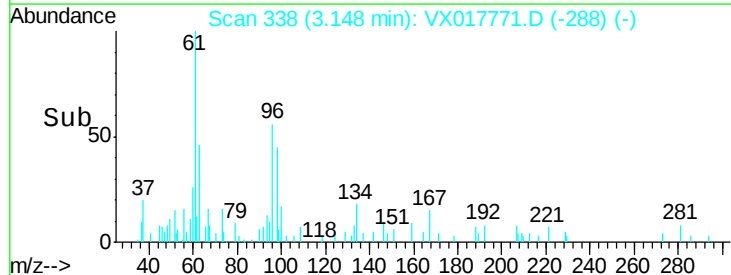
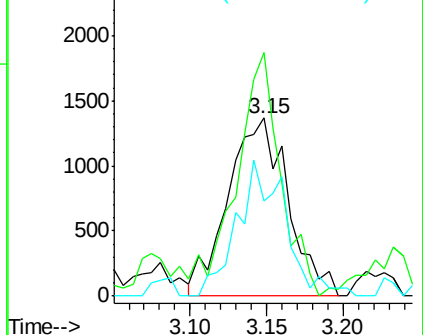
98 53.2 51.8 77.8

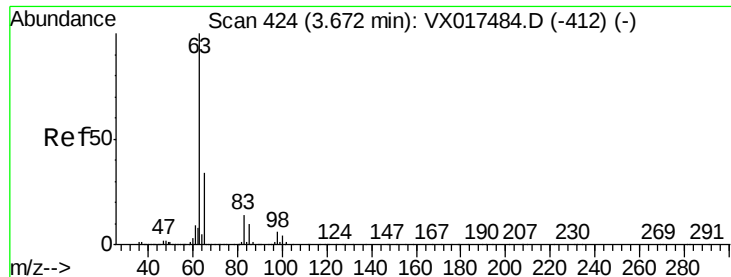


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.534 ug/l

RT: 3.68 min Scan# 426

Delta R.T. 0.01 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

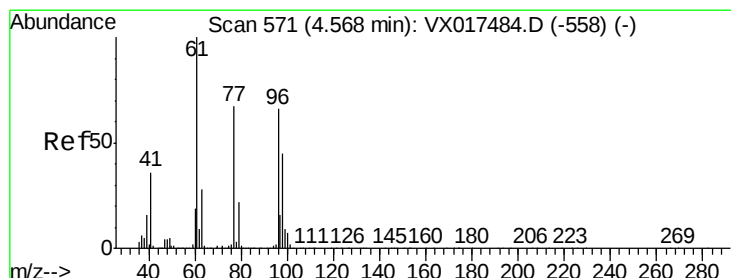
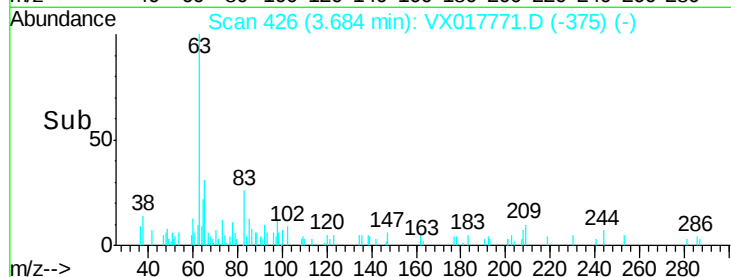
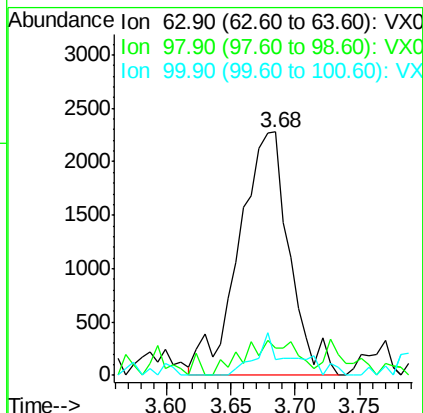
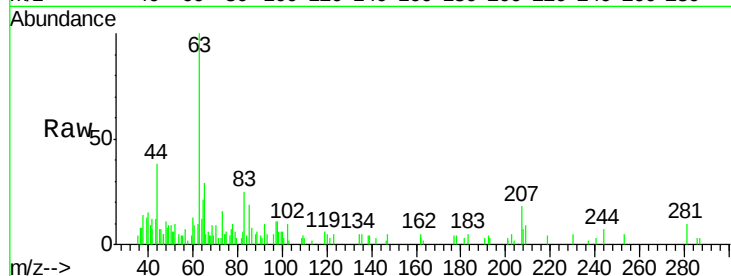
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-398-400

Tgt Ion:	63	Resp:	6180
Ion	Ratio	Lower	Upper
63	100		
98	10.6	3.4	10.1#
100	6.7	1.9	5.7#



#27

cis-1,2-Dichloroethene

Concen: 29.122 ug/l

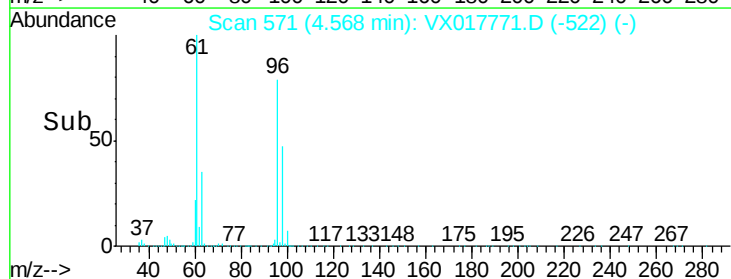
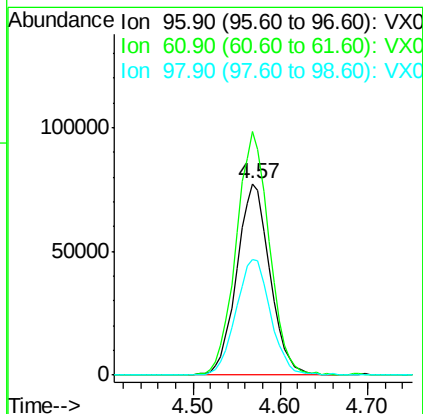
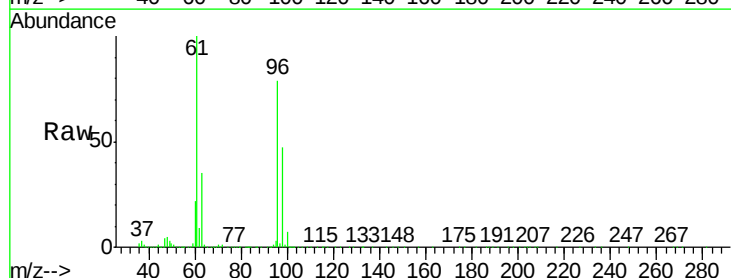
RT: 4.57 min Scan# 571

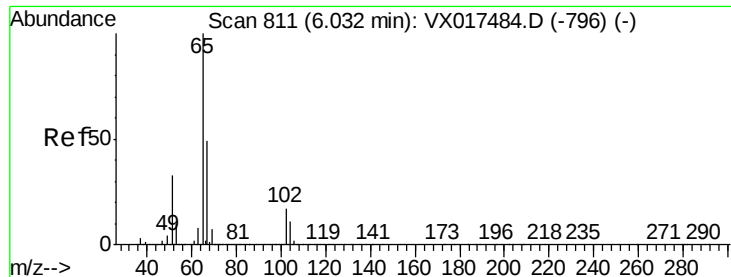
Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Tgt Ion:	96	Resp:	203793
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	301.2
98	62.8	0.0	130.0





#33

1,2-Dichloroethane-d4

Concen: 50.216 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

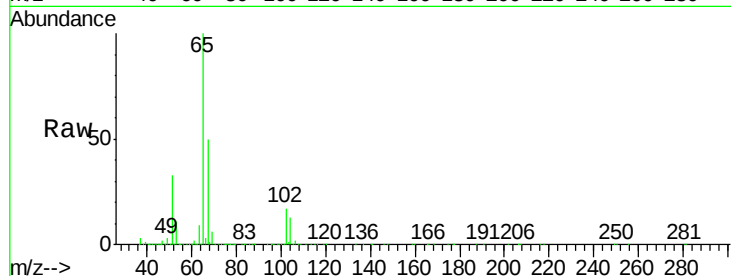
BP-VPB179-GW-398-400

Tgt Ion: 65 Resp: 375583

Ion Ratio Lower Upper

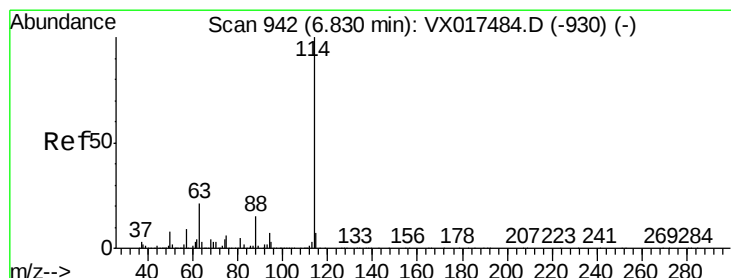
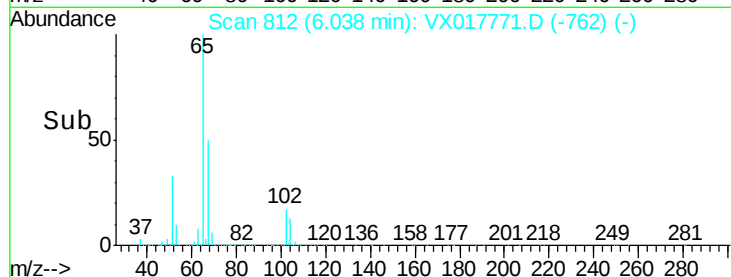
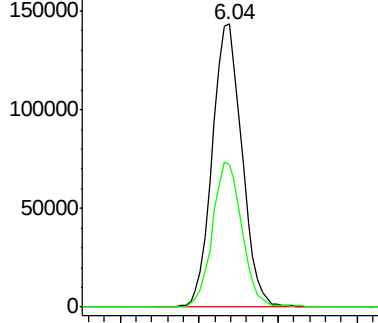
65 100

67 50.9 0.0 102.8



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# 942

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

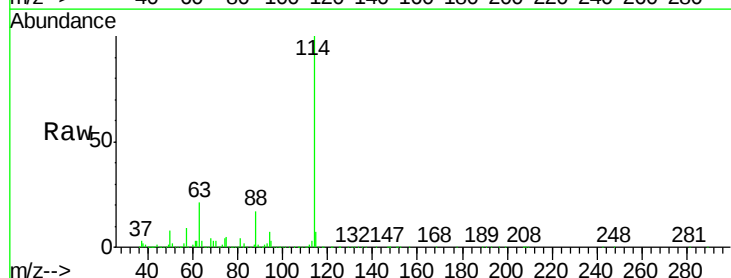
Tgt Ion: 114 Resp: 891537

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

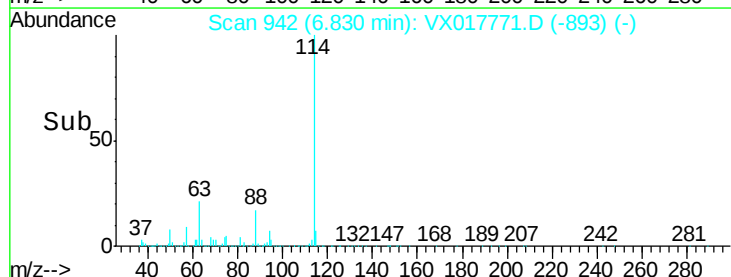
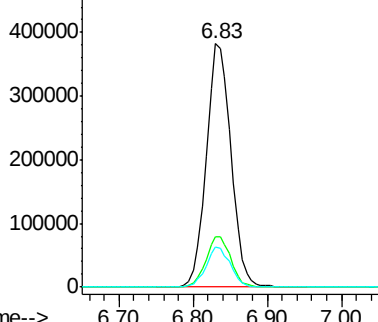
88 16.5 0.0 33.4

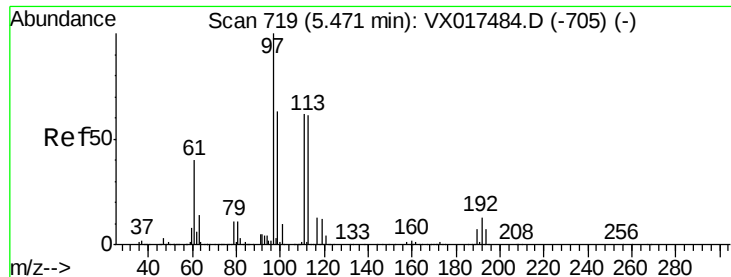


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.145 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-398-400

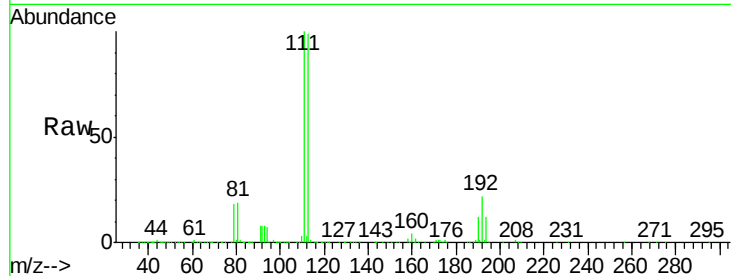
Tgt Ion:113 Resp: 293034

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

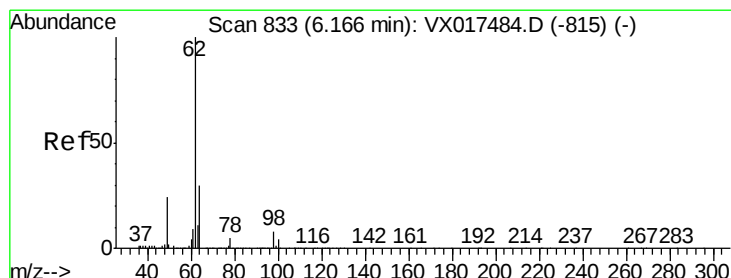
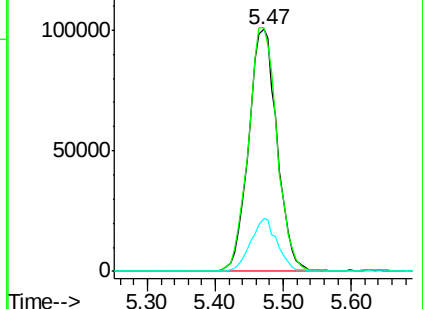
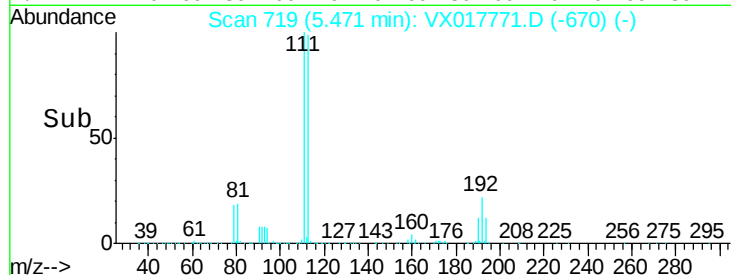
192 20.6 16.9 25.3



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



#42

1,2-Dichloroethane

Concen: 0.276 ug/l

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX017771.D

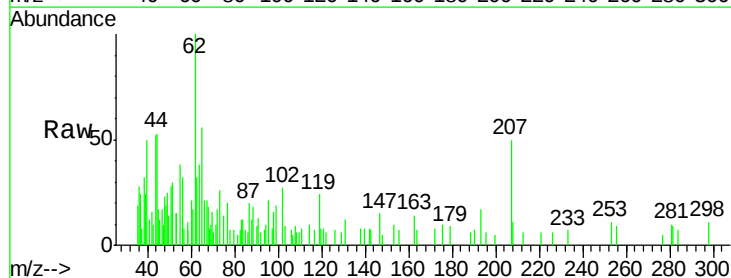
Acq: 04 Aug 2020 15:25

Tgt Ion: 62 Resp: 2764

Ion Ratio Lower Upper

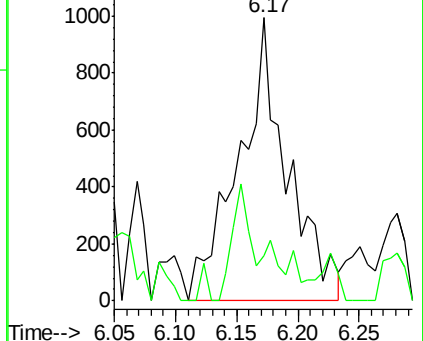
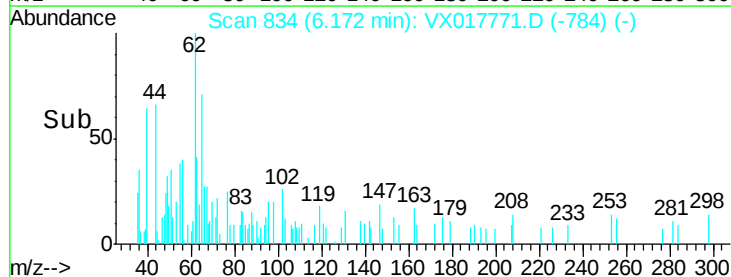
62 100

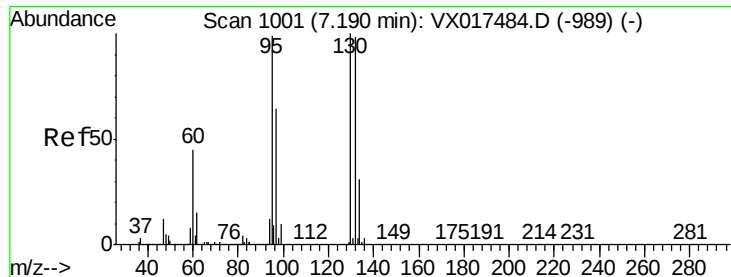
98 17.0 0.0 16.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 255.559 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

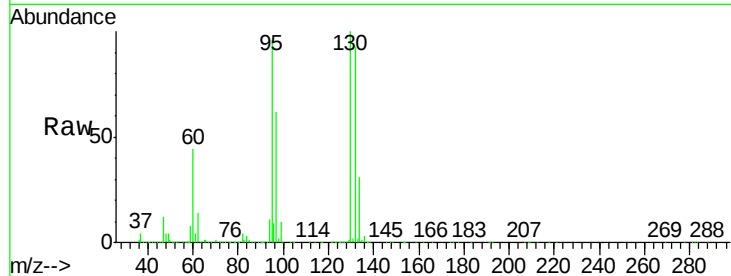
BP-VPB179-GW-398-400

Tgt Ion:130 Resp: 1830851

Ion Ratio Lower Upper

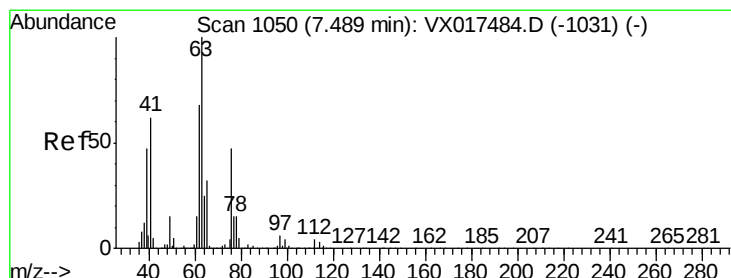
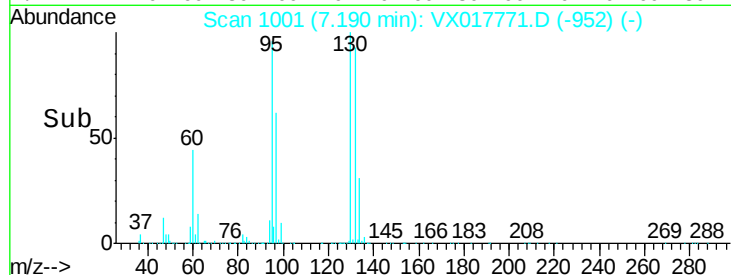
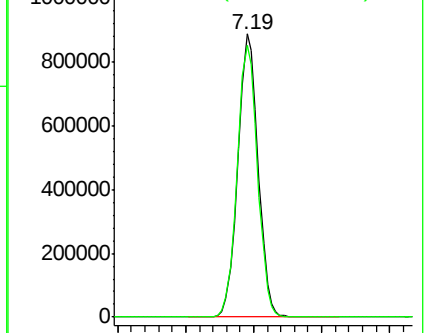
130 100

95 96.2 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.706 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017771.D

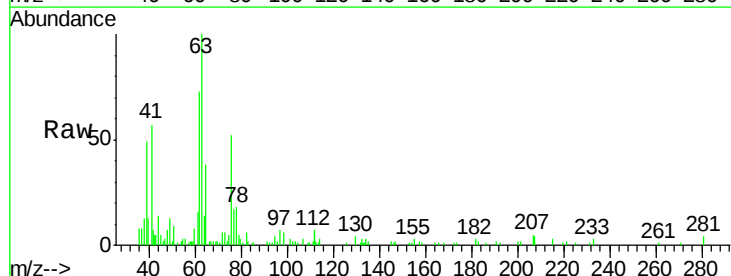
Acq: 04 Aug 2020 15:25

Tgt Ion: 63 Resp: 11594

Ion Ratio Lower Upper

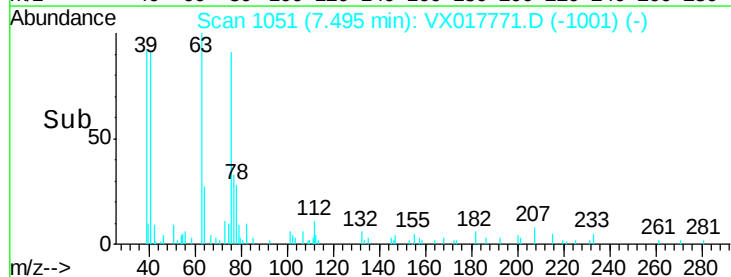
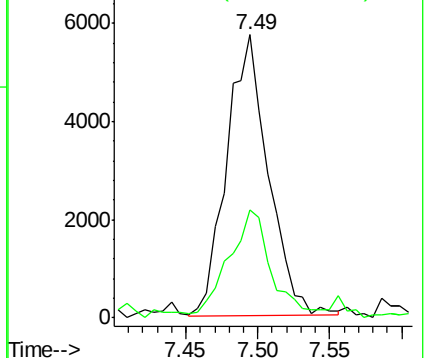
63 100

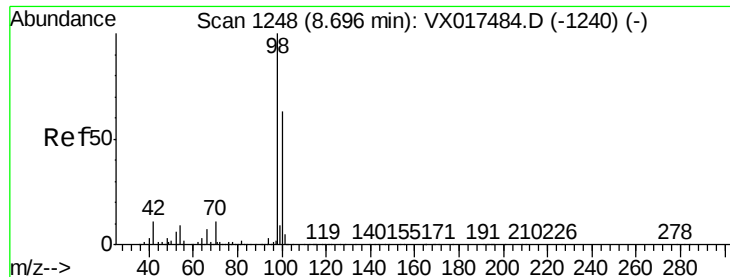
65 37.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#50

Toluene-d8

Concen: 48.484 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

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MSVOA_X

ClientSampleId :

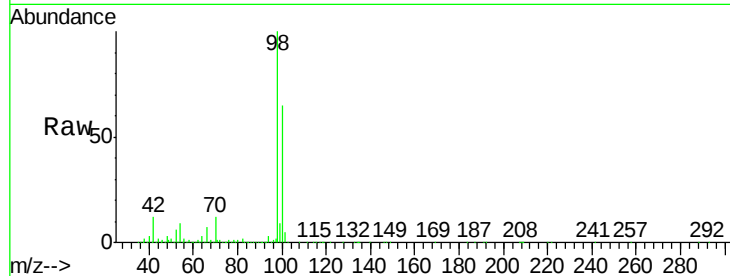
BP-VPB179-GW-398-400

Tgt Ion: 98 Resp: 1042886

Ion Ratio Lower Upper

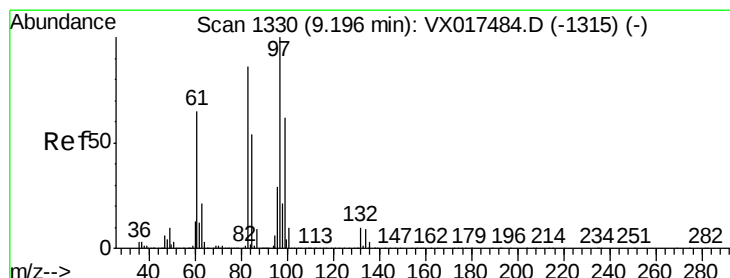
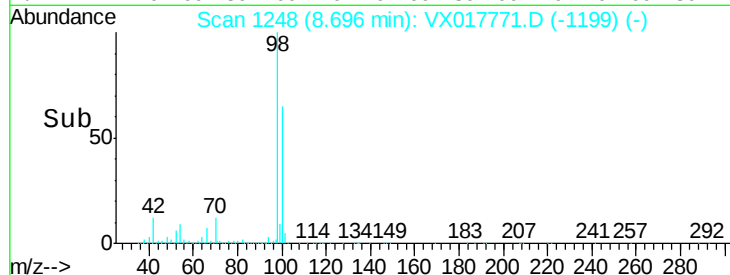
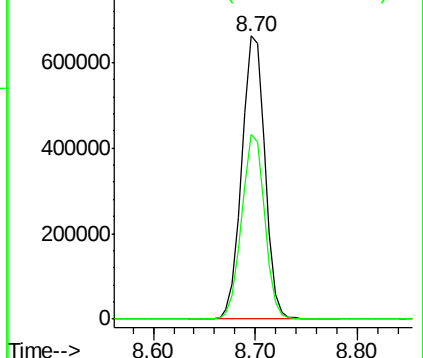
98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.285 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Tgt Ion: 97 Resp: 1869

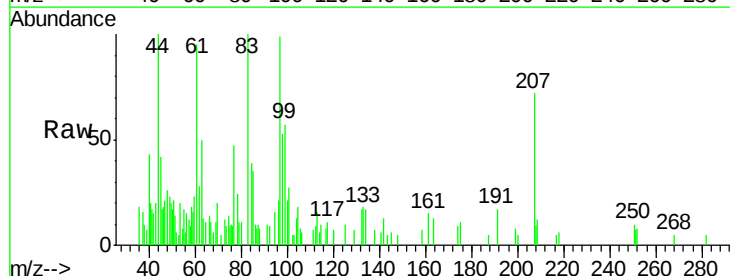
Ion Ratio Lower Upper

97 100

83 81.4 67.6 101.4

85 69.6 44.6 67.0#

99 57.9 50.2 75.4

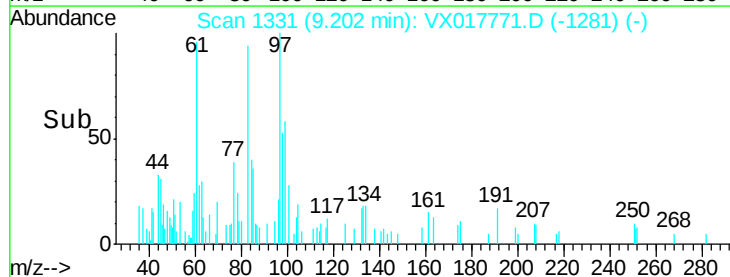
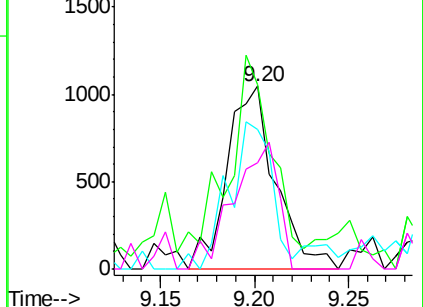


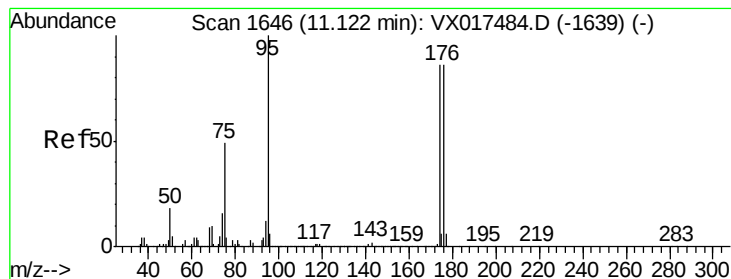
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 45.236 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-398-400

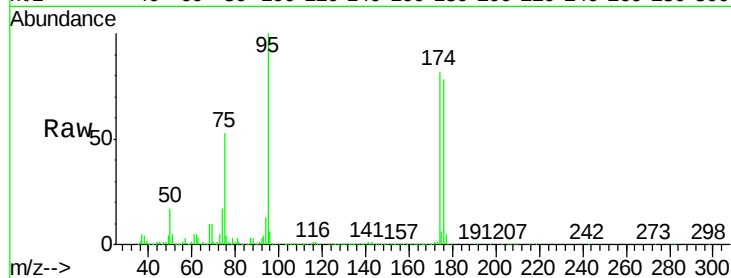
Tgt Ion: 95 Resp: 389409

Ion Ratio Lower Upper

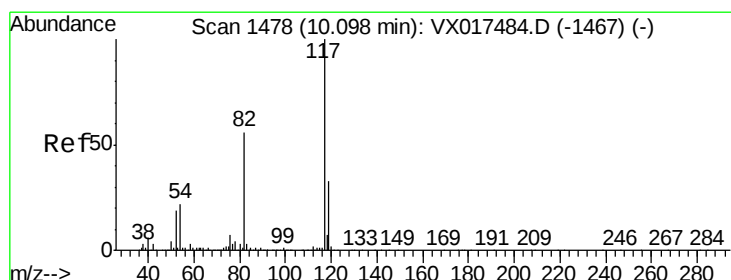
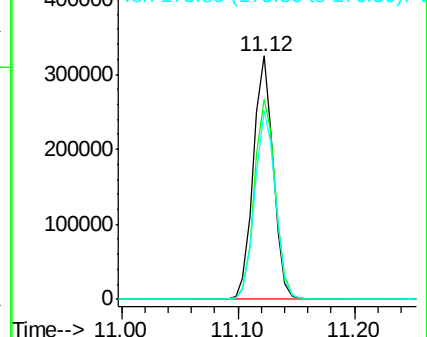
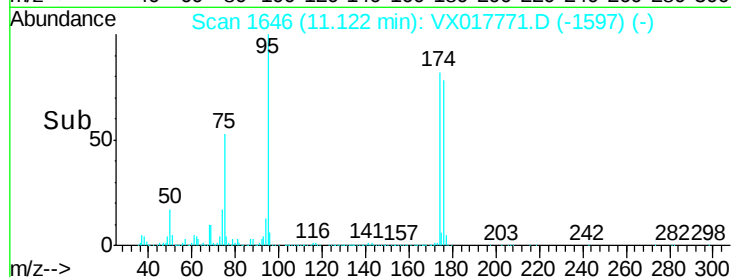
95 100

174 86.1 0.0 169.0

176 80.0 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017771.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

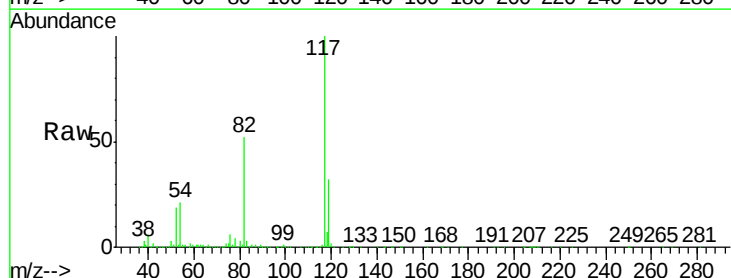
Tgt Ion: 117 Resp: 821097

Ion Ratio Lower Upper

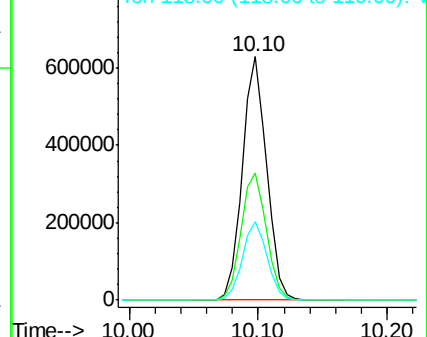
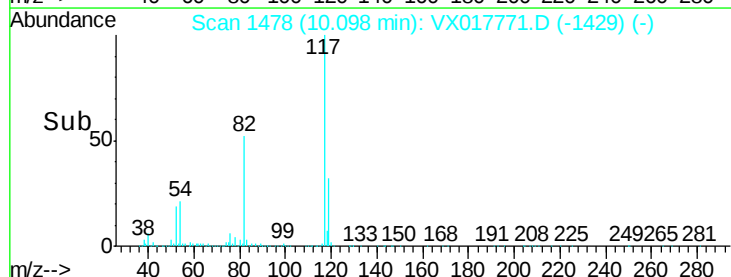
117 100

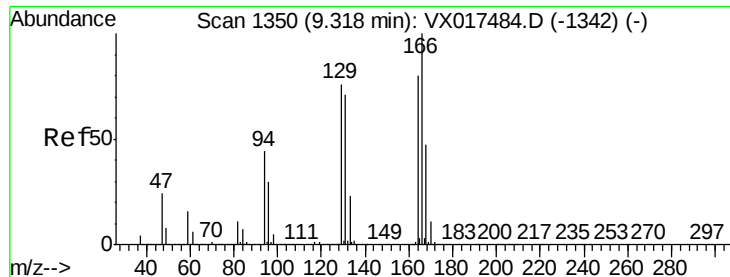
82 52.0 44.0 66.0

119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VX017771.D (-1429) (-)





#64

Tetrachloroethene

Concen: 17.884 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-398-400

Tgt Ion:164 Resp: 131799

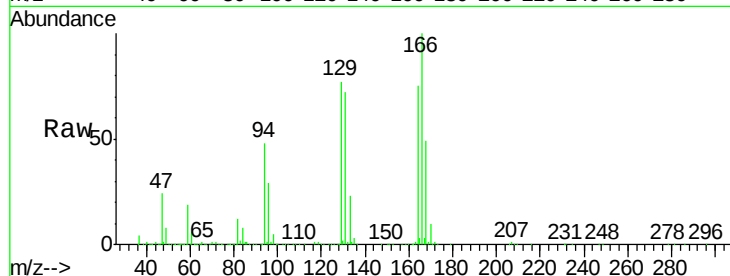
Ion Ratio Lower Upper

164 100

166 133.2 100.6 150.8

129 102.4 75.0 112.6

131 96.5 75.2 112.8

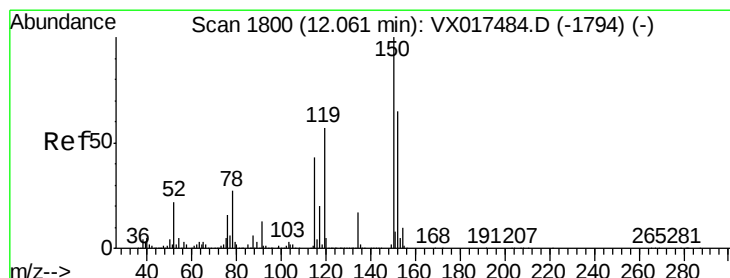
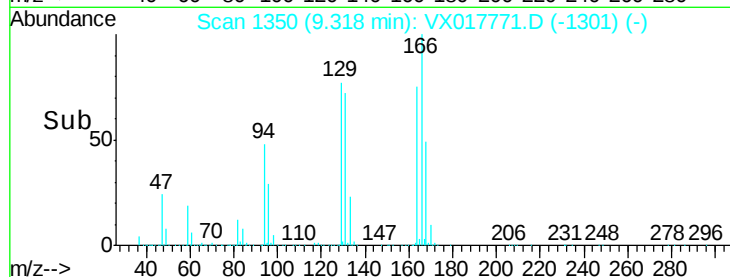
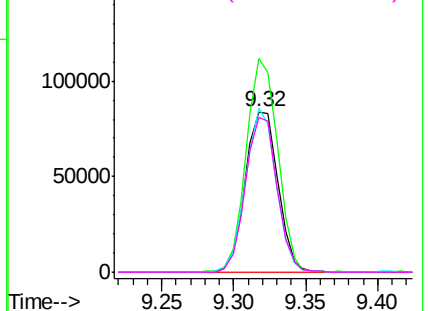


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017771.D

Acq: 04 Aug 2020 15:25

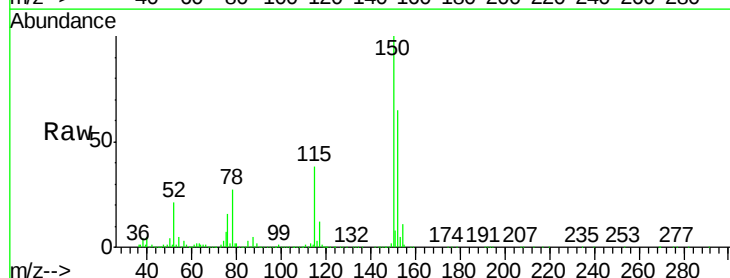
Tgt Ion:152 Resp: 411711

Ion Ratio Lower Upper

152 100

115 57.3 65.5 196.6#

150 153.4 0.0 412.6



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

