

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017749.D
 Acq On : 03 Aug 2020 16:32
 Operator : JC/SP
 Sample : L3526-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-278-280

Quant Time: Aug 04 11:53:38 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

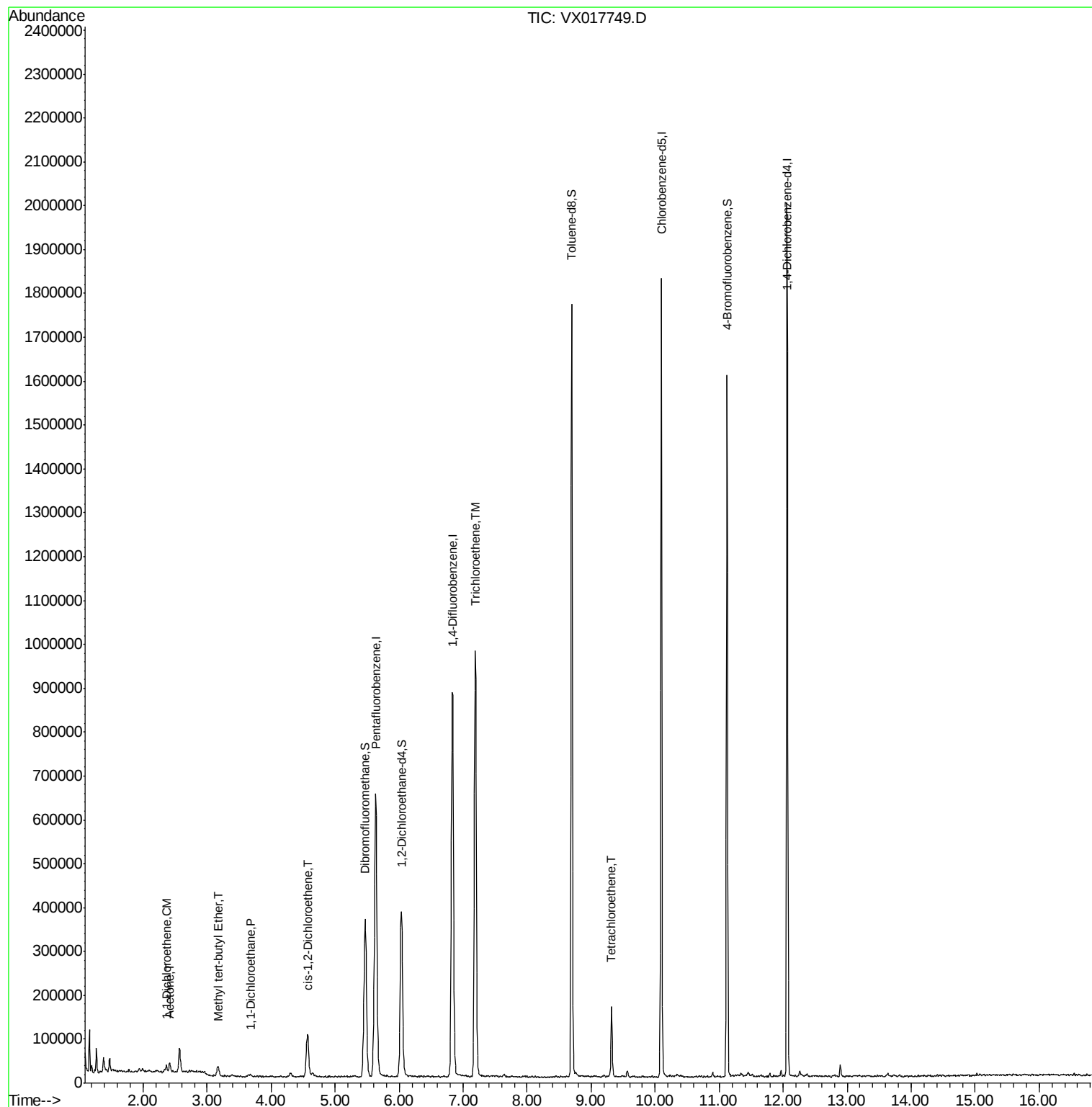
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	605762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	897789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	820785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	405939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	388629	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	5.46	113	302744	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.70	98	1040417	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.12	95	399234	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	5146	0.822	ug/l	87
16) Acetone	2.42	43	21458	6.265	ug/l #	81
19) Methyl tert-butyl Ether	3.17	73	25204	1.164	ug/l	96
24) 1,1-Dichloroethane	3.68	63	5188	0.431	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	60442	8.302	ug/l	88
44) Trichloroethene	7.19	130	386030	53.509	ug/l	94
64) Tetrachloroethene	9.32	164	30331	4.117	ug/l	99

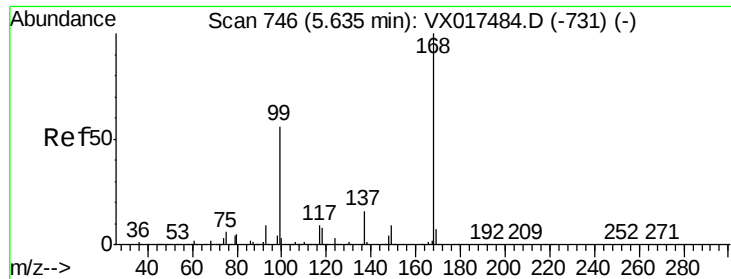
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017749.D

Acq: 03 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

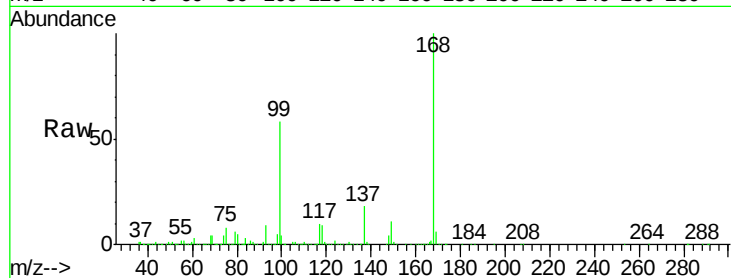
BP-VPB179-GW-278-280

Tot Ion:168 Resp: 605762

Ion Ratio Lower Upper

168 100

99 57.8 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

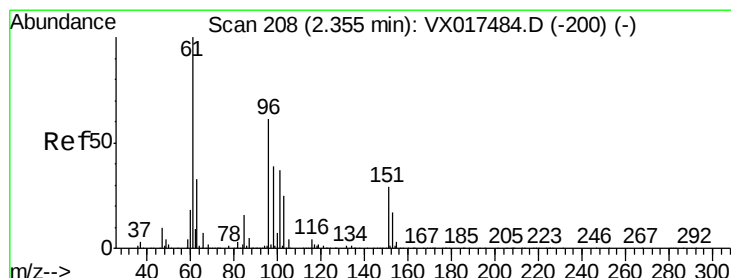
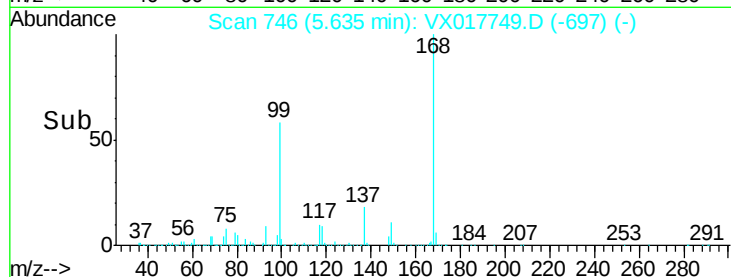
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.822 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

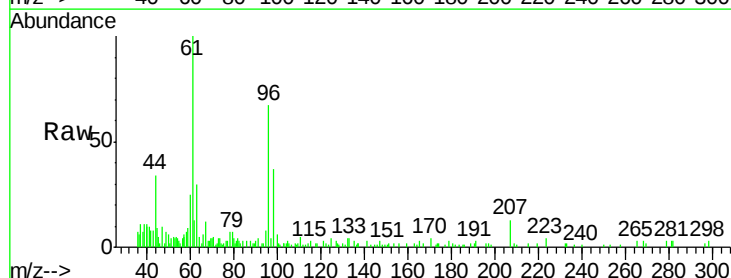
Tgt Ion: 96 Resp: 5146

Ion Ratio Lower Upper

96 100

61 150.3 134.0 201.0

98 52.9 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

2.36

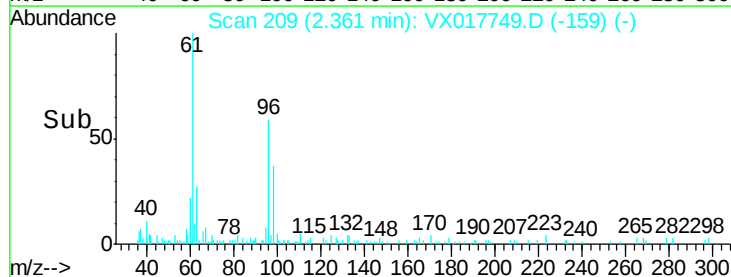
6000

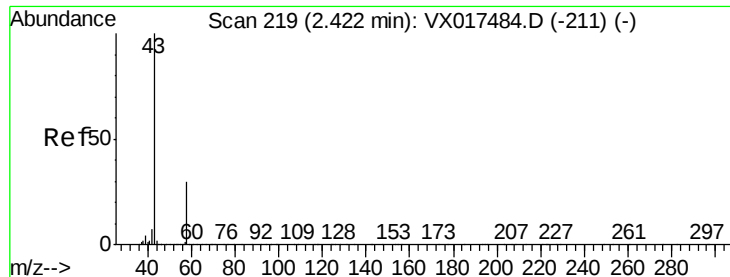
4000

2000

0

Time-->

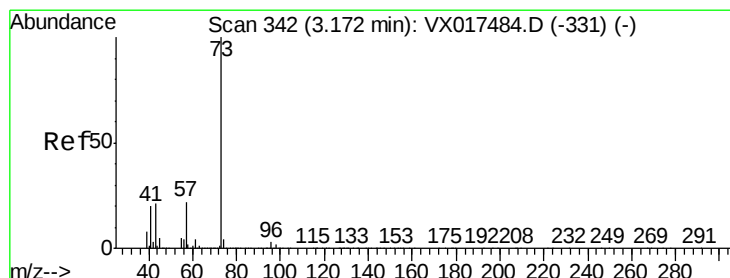
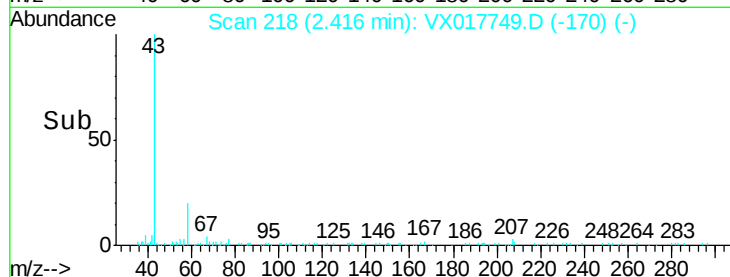
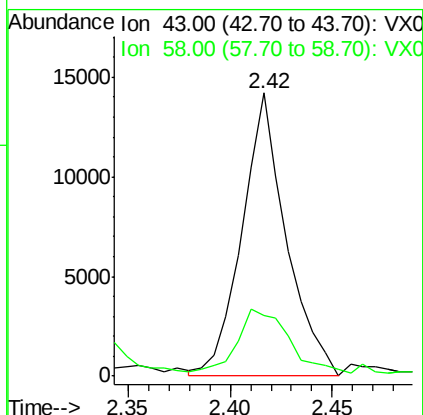
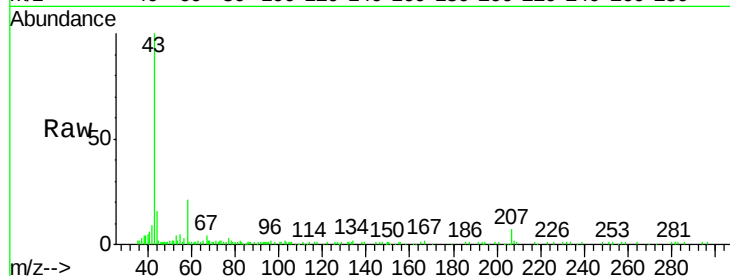




#16
Acetone
Concen: 6.265 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017749.D
Acq: 03 Aug 2020 16:32

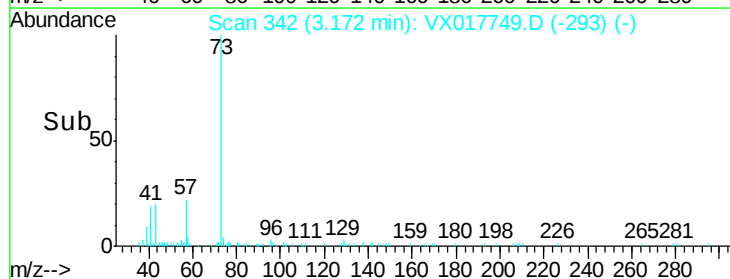
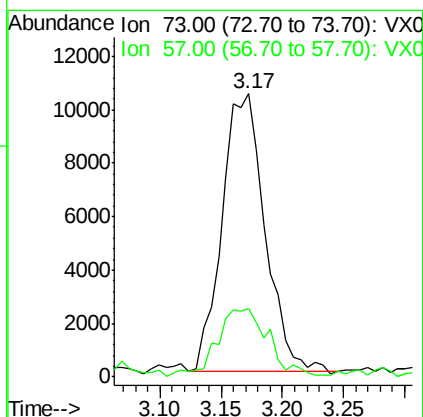
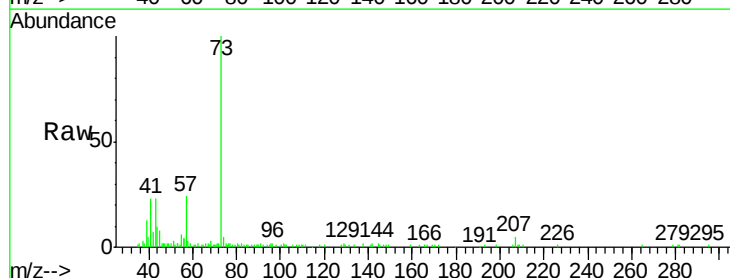
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-278-280

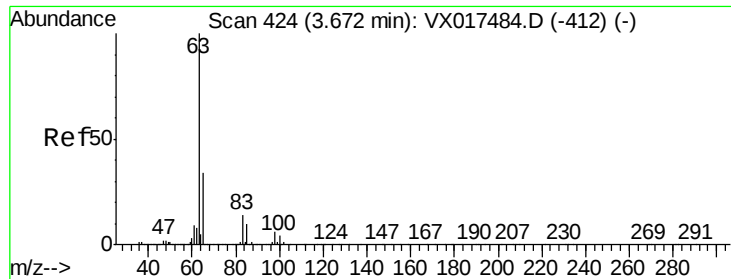
Tot Ion: 43 Resp: 21458
Ion Ratio Lower Upper
43 100
58 20.0 24.2 36.4#



#19
Methyl tert-butyl Ether
Concen: 1.164 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017749.D
Acq: 03 Aug 2020 16:32

Tgt Ion: 73 Resp: 25204
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.4





#24

1,1-Dichloroethane

Concen: 0.431 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-278-280

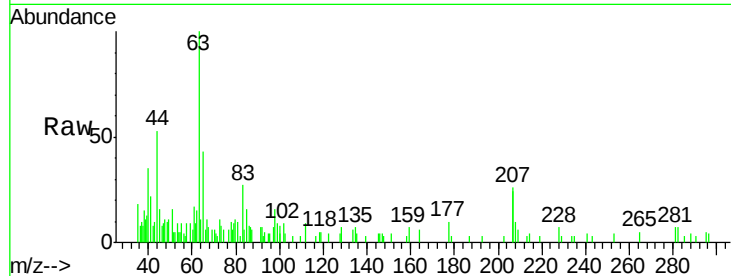
Tot Ion: 63 Resp: 5188

Ion Ratio Lower Upper

63 100

98 11.6 3.4 10.1#

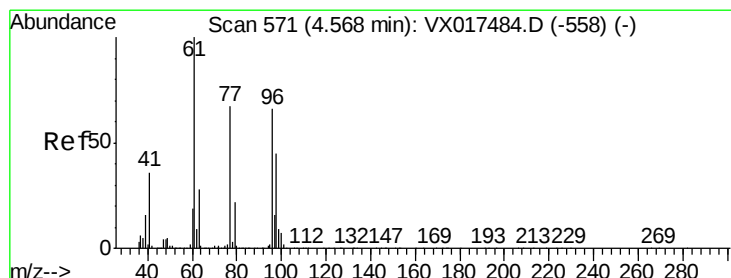
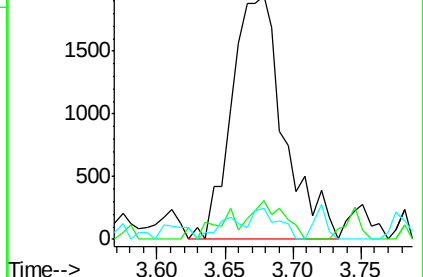
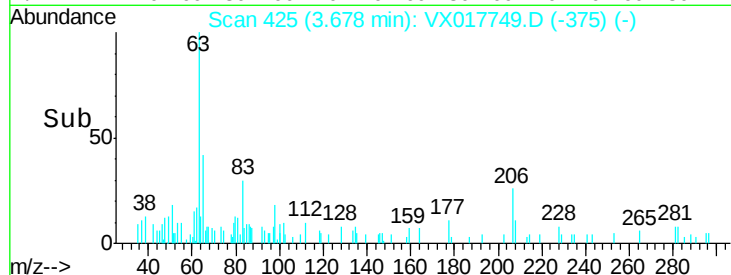
100 12.6 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 8.302 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

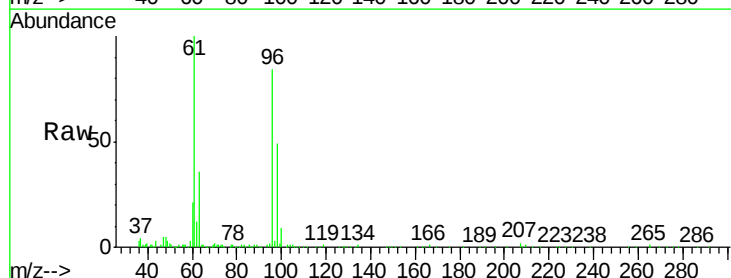
Tgt Ion: 96 Resp: 60442

Ion Ratio Lower Upper

96 100

61 128.9 0.0 301.2

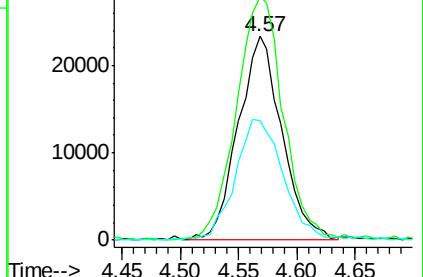
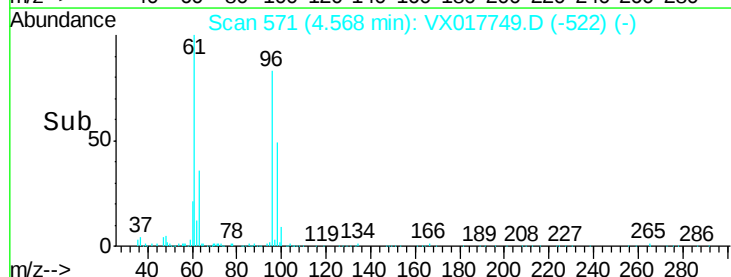
98 65.9 0.0 130.0

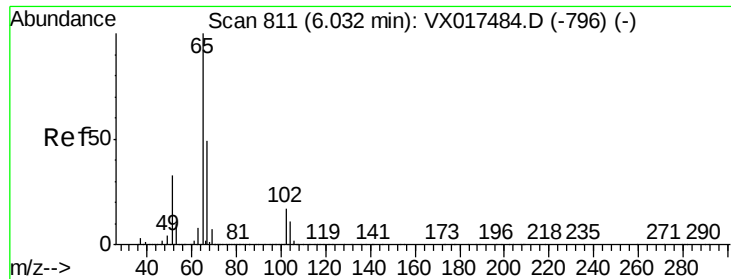


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

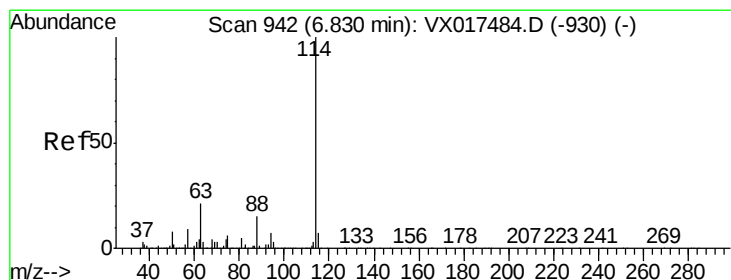
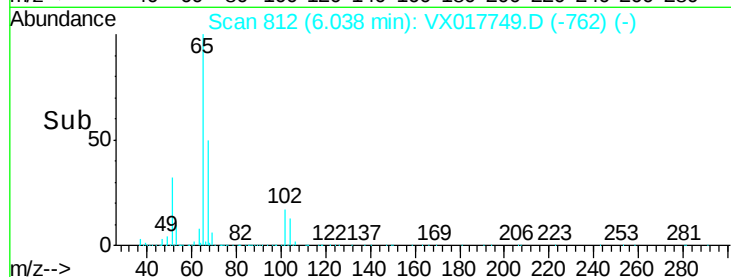
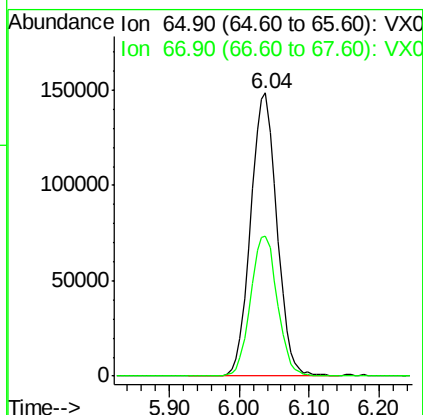
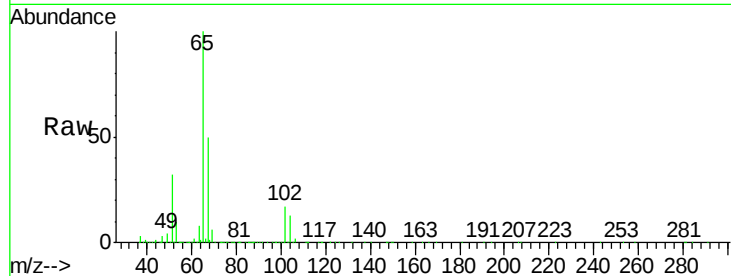




#33
 1,2-Dichloroethane-d4
 Concen: 49.944 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017749.D
 Acq: 03 Aug 2020 16:32

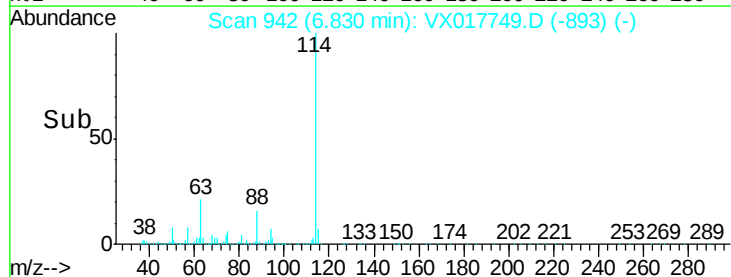
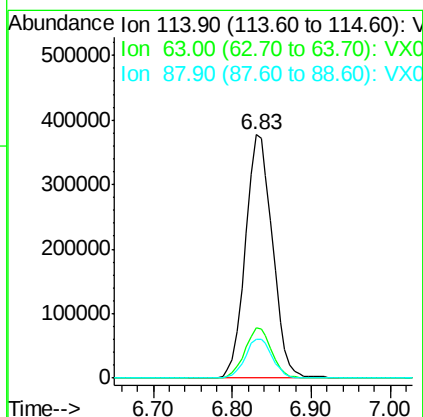
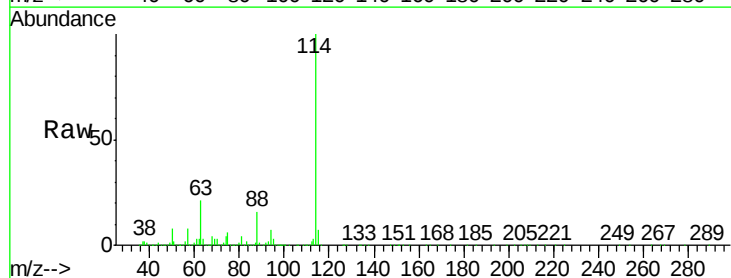
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-278-280

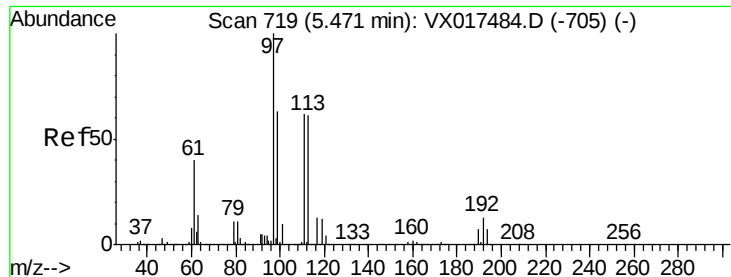
Tot Ion: 65 Resp: 388629
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017749.D
 Acq: 03 Aug 2020 16:32

Tgt Ion: 114 Resp: 897789
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 15.6 0.0 33.4

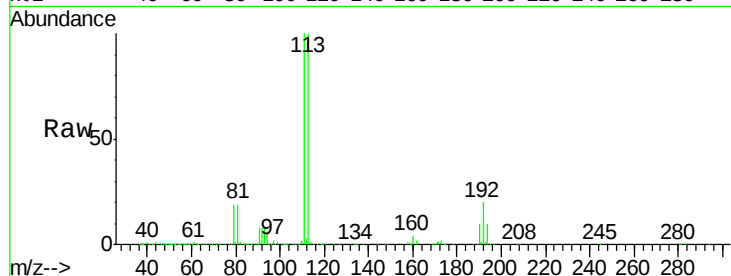




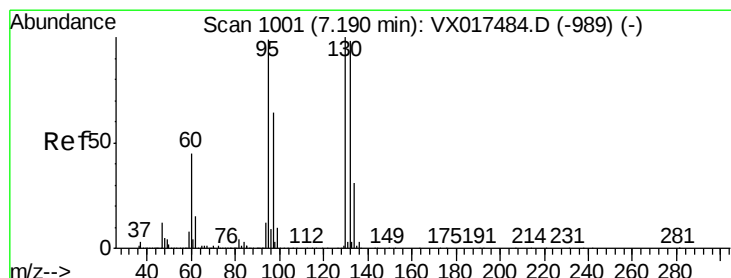
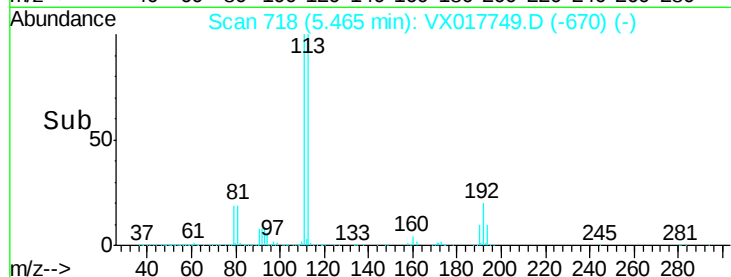
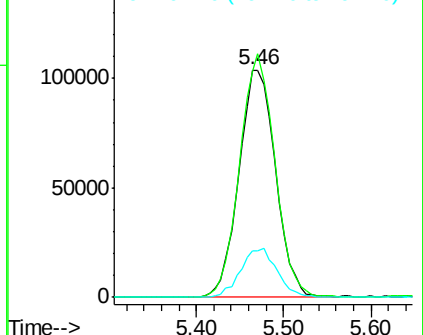
#35
 Dibromofluoromethane
 Concen: 50.420 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017749.D
 Acq: 03 Aug 2020 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-278-280

Tot Ion:113 Resp: 302744
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 21.4 16.9 25.3

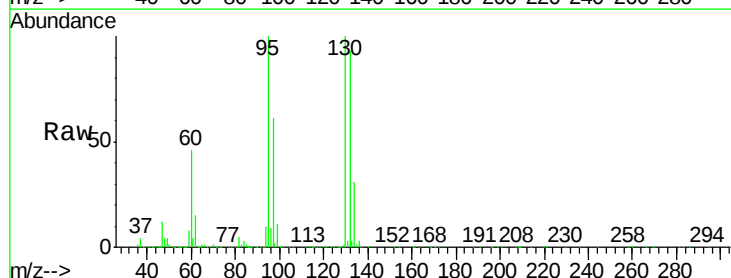


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

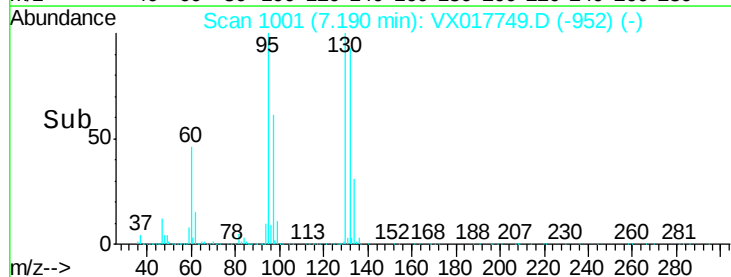
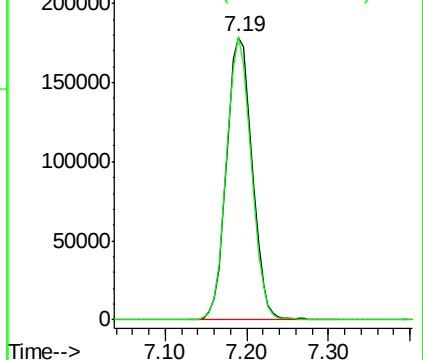


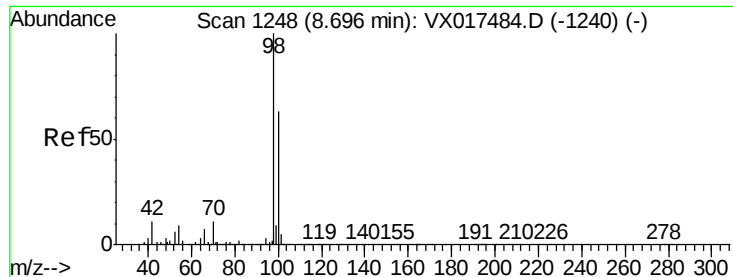
#44
 Trichloroethene
 Concen: 53.509 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017749.D
 Acq: 03 Aug 2020 16:32

Tgt Ion:130 Resp: 386030
 Ion Ratio Lower Upper
 130 100
 95 100.2 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.032 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

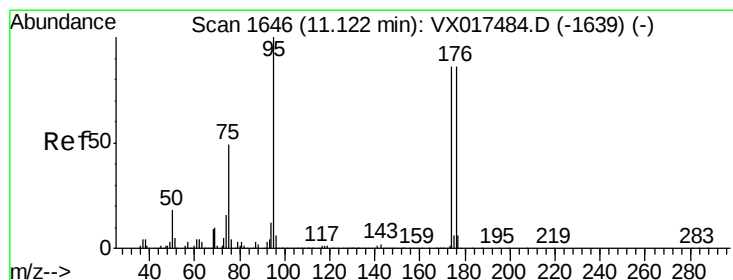
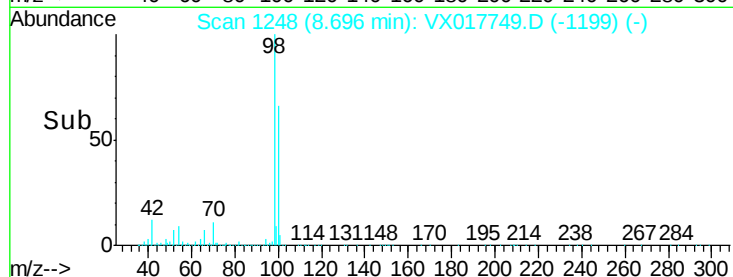
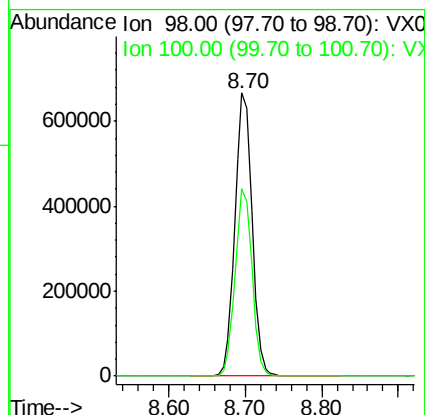
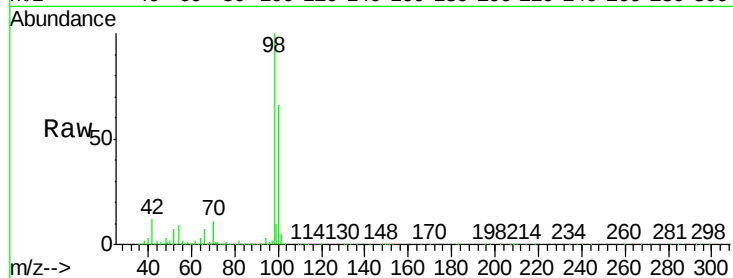
BP-VPB179-GW-278-280

Tot Ion: 98 Resp: 1040417

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.054 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

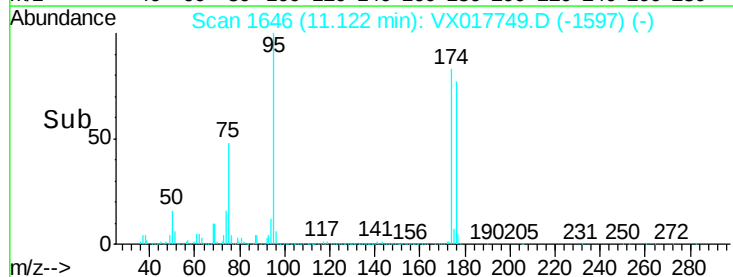
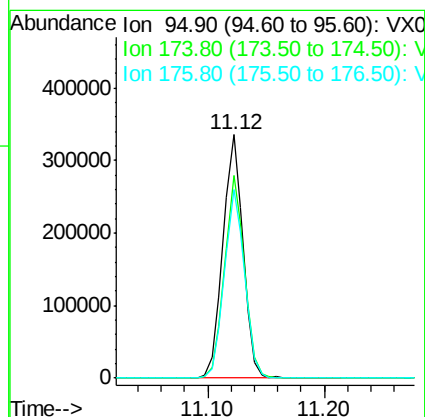
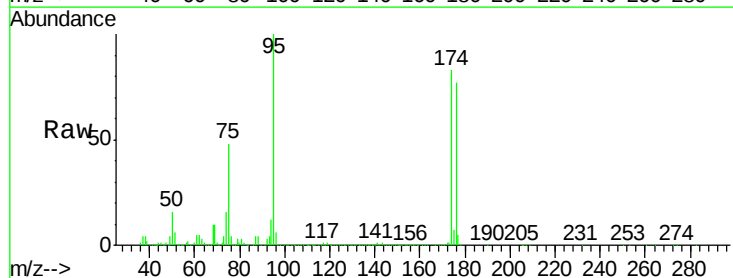
Tgt Ion: 95 Resp: 399234

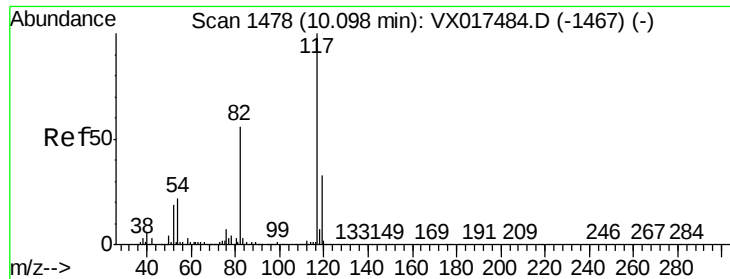
Ion Ratio Lower Upper

95 100

174 82.4 0.0 169.0

176 77.9 0.0 161.0

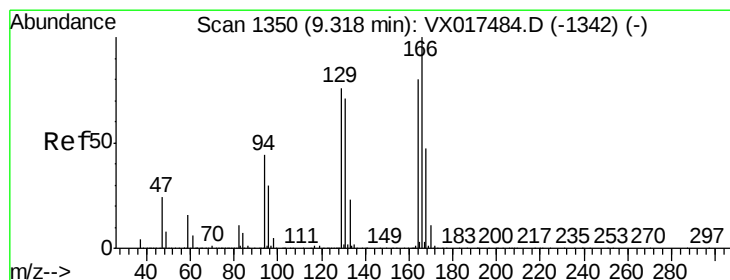
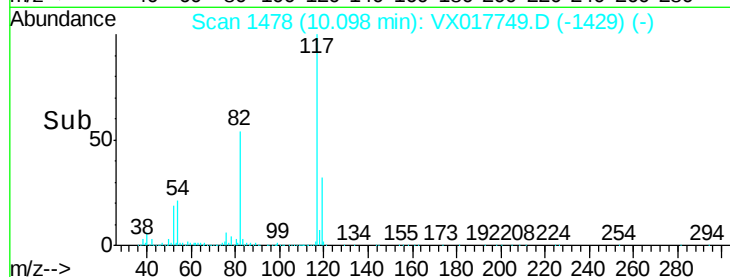
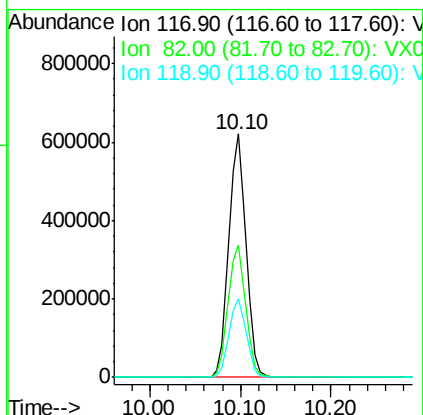
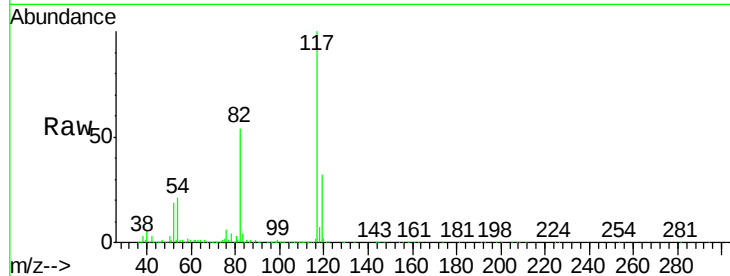




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017749.D
Acq: 03 Aug 2020 16:32

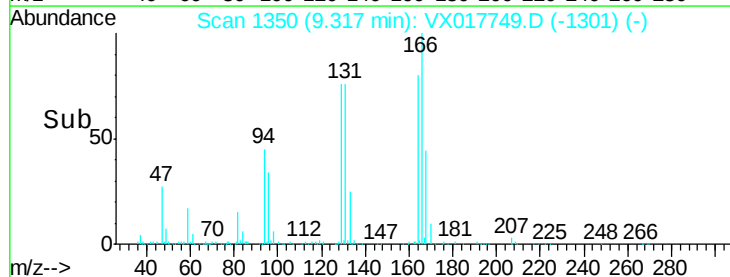
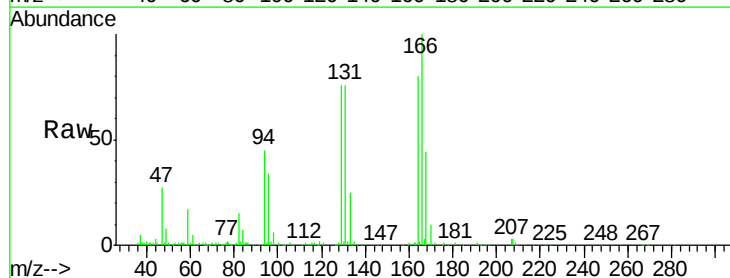
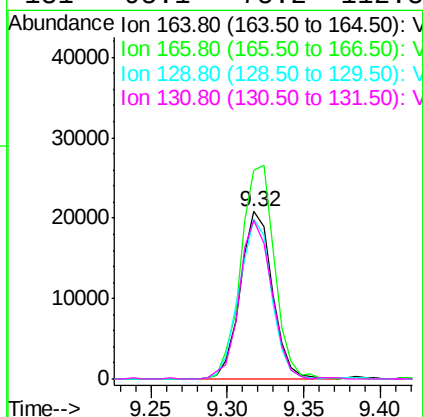
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BP-VPB179-GW-278-280

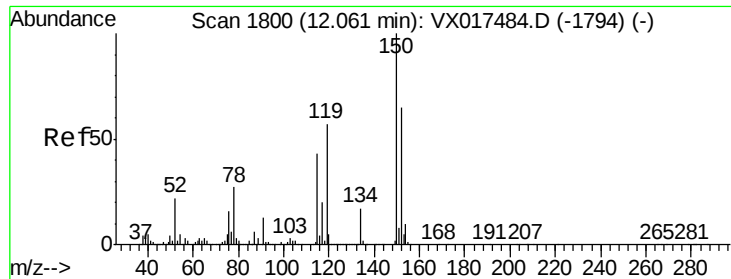
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.0	66.0
119	32.3	25.4	38.0



#64
Tetrachloroethene
Concen: 4.117 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017749.D
Acq: 03 Aug 2020 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	100.6	150.8
129	95.5	75.0	112.6
131	95.1	75.2	112.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017749.D

Acq: 03 Aug 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-278-280

Tot Ion:152 Resp: 405939

Ion Ratio Lower Upper

152 100

115 58.6 65.5 196.6#

150 156.0 0.0 412.6

