

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017983.D
 Acq On : 19 Aug 2020 14:33
 Operator : JC/SP
 Sample : L3718-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-278-280

Quant Time: Aug 29 05:49:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

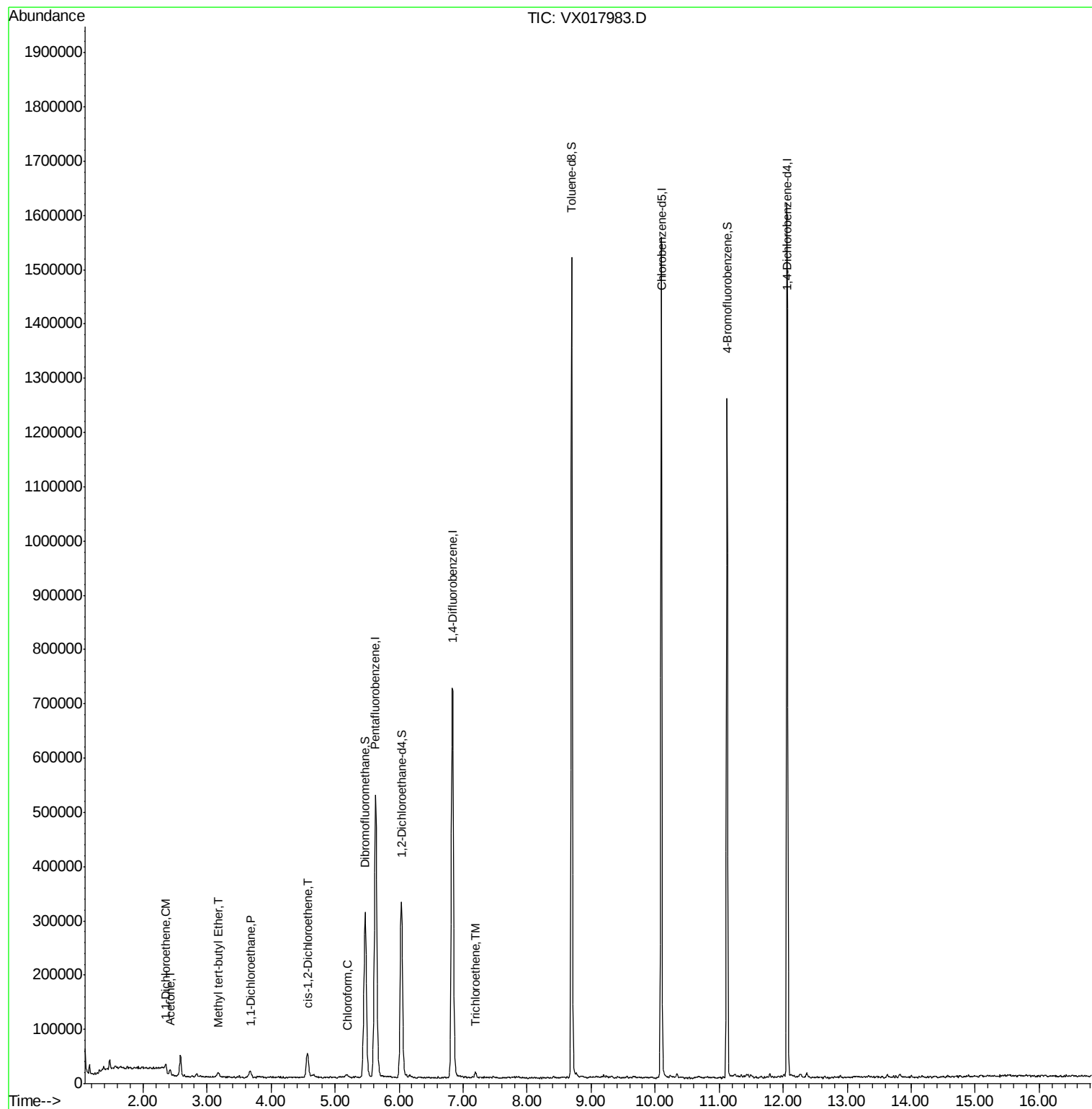
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	486128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	725023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	700229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	336126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	322505	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
35) Dibromofluoromethane	5.46	113	262745	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.70	98	872337	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
62) 4-Bromofluorobenzene	11.12	95	314522	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.36	96	5756	1.314	ug/l #	78
16) Acetone	2.42	43	14121	5.037	ug/l #	84
19) Methyl tert-butyl Ether	3.17	73	8573	0.512	ug/l #	73
24) 1,1-Dichloroethane	3.67	63	14137	1.557	ug/l #	89
27) cis-1,2-Dichloroethene	4.56	96	27716	5.216	ug/l	91
30) Chloroform	5.19	83	5671	0.571	ug/l	97
44) Trichloroethene	7.19	130	4007	0.739	ug/l	96

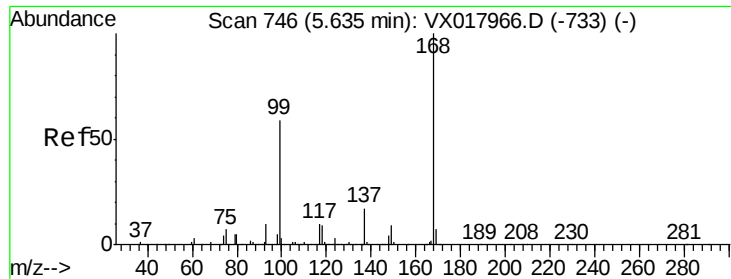
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 05:36:51 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: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

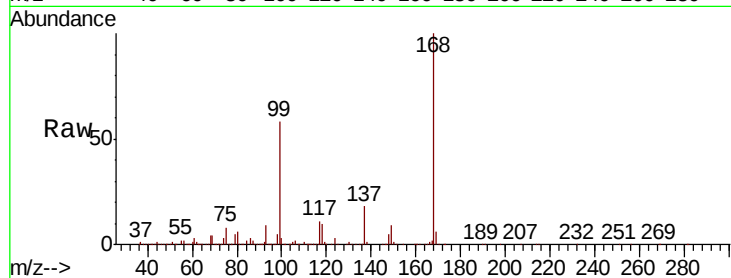
BP-VPB181-GW-278-280

Tot Ion:168 Resp: 486128

Ion Ratio Lower Upper

168 100

99 58.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

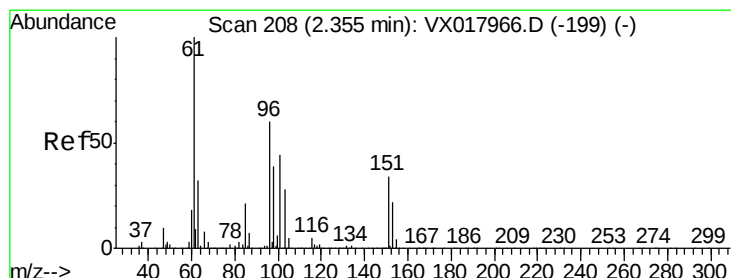
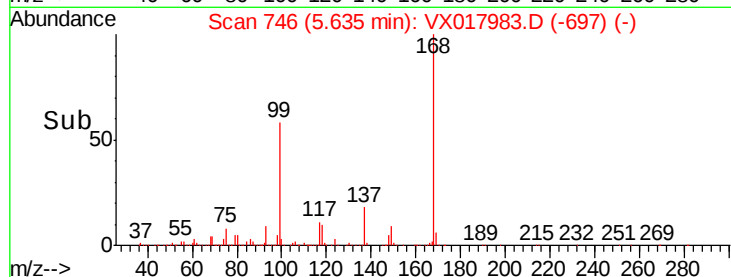
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.314 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

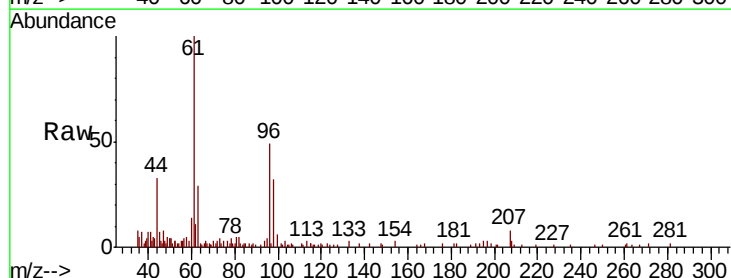
Tgt Ion: 96 Resp: 5756

Ion Ratio Lower Upper

96 100

61 203.2 132.9 199.3#

98 59.1 51.6 77.4



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

8000

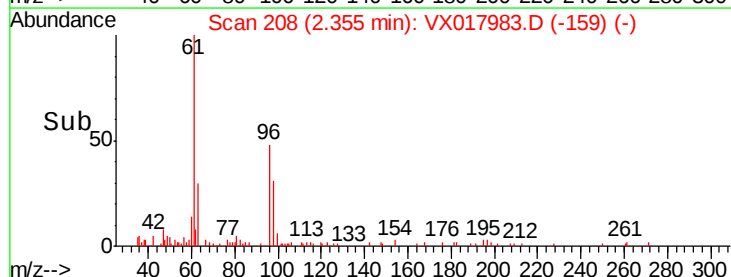
6000

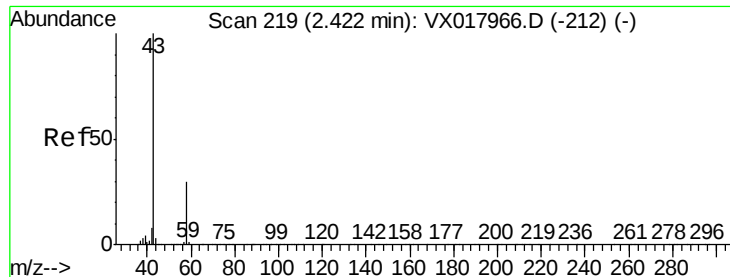
4000

2000

0

Time-->





#16

Acetone

Concen: 5.037 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

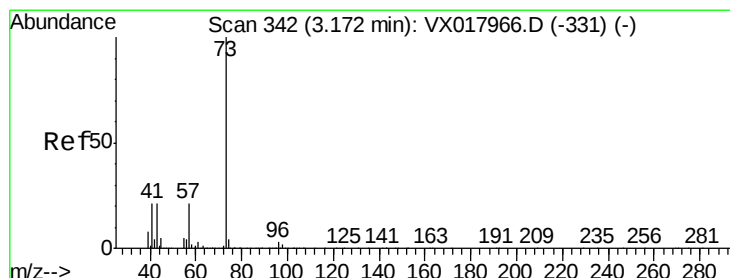
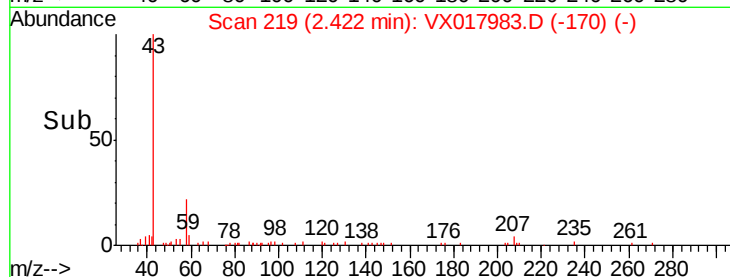
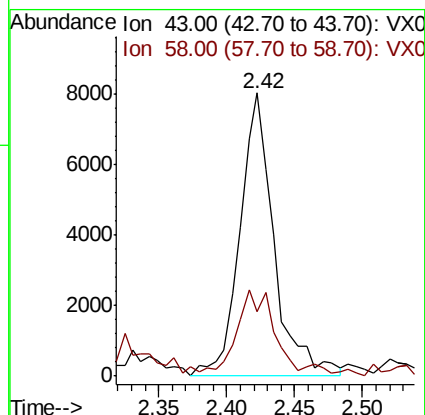
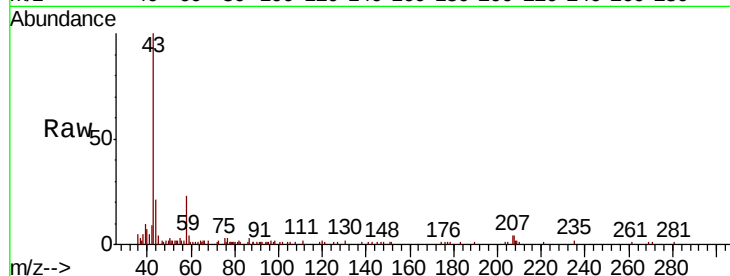
BP-VPB181-GW-278-280

Tot Ion: 43 Resp: 14121

Ion Ratio Lower Upper

43 100

58 21.2 23.8 35.8#



#19

Methyl tert-butyl Ether

Concen: 0.512 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.00 min

Lab File: VX017983.D

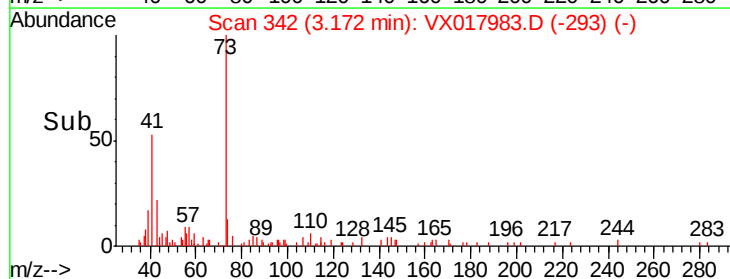
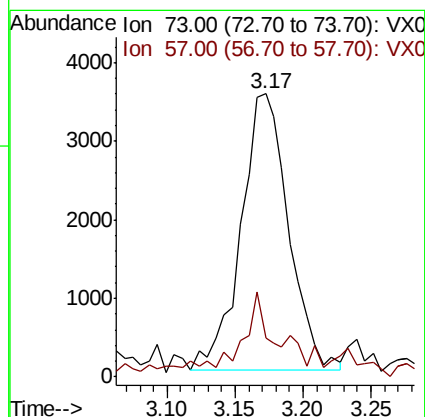
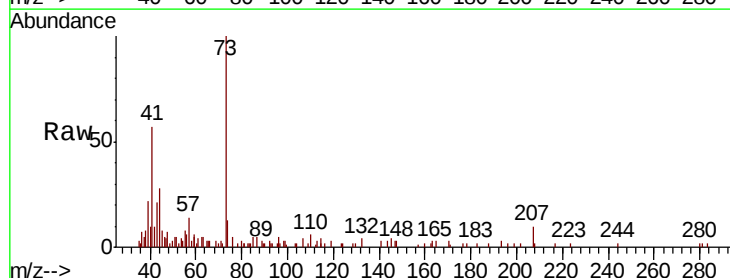
Acq: 19 Aug 2020 14:33

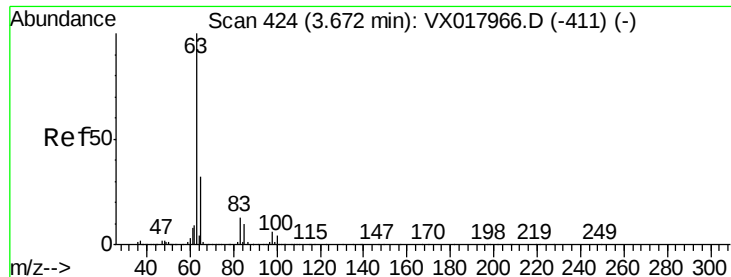
Tgt Ion: 73 Resp: 8573

Ion Ratio Lower Upper

73 100

57 8.6 16.9 25.3#





#24

1,1-Dichloroethane

Concen: 1.557 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-278-280

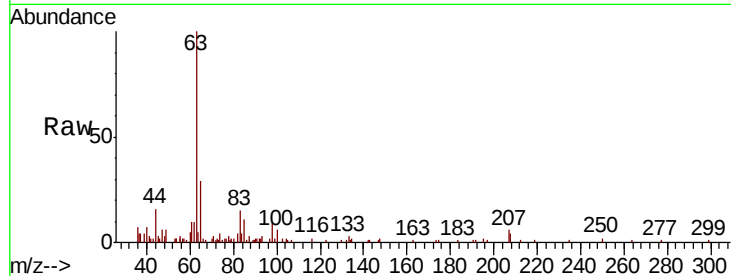
Tot Ion: 63 Resp: 14137

Ion Ratio Lower Upper

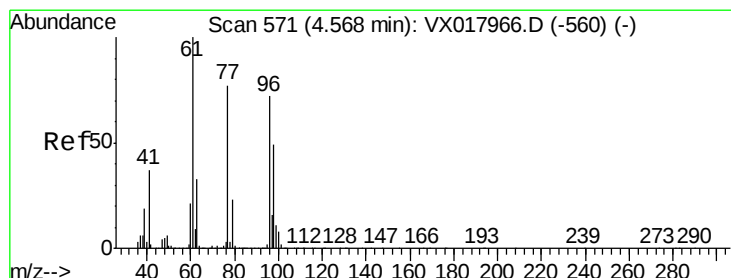
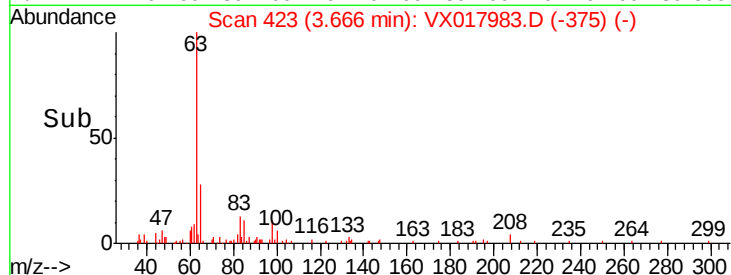
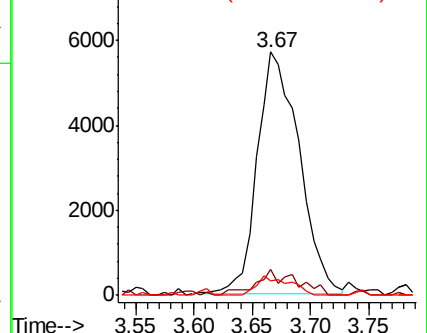
63 100

98 10.5 3.0 9.0#

100 6.1 2.0 5.8#



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: 5.216 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

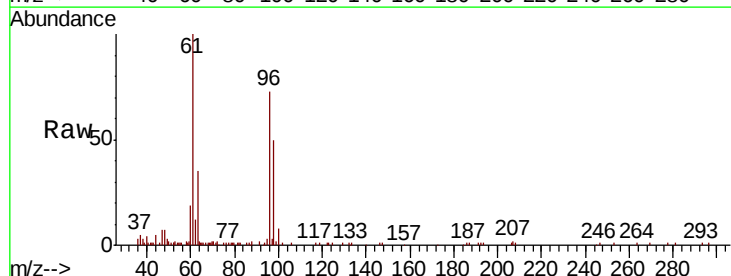
Tgt Ion: 96 Resp: 27716

Ion Ratio Lower Upper

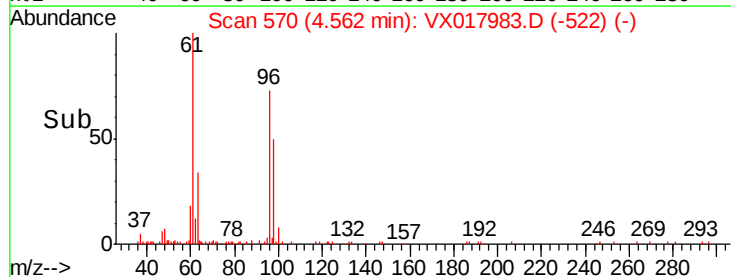
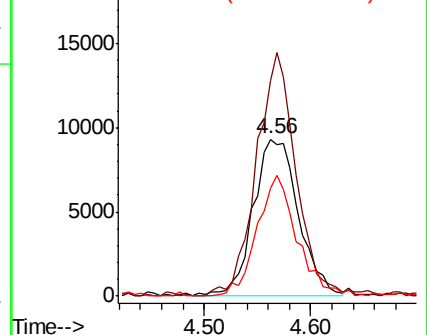
96 100

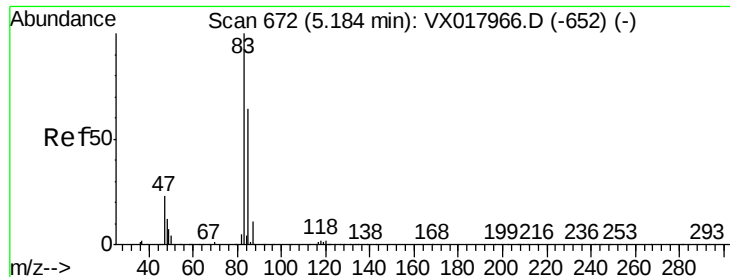
61 135.8 0.0 298.8

98 68.0 0.0 130.2



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

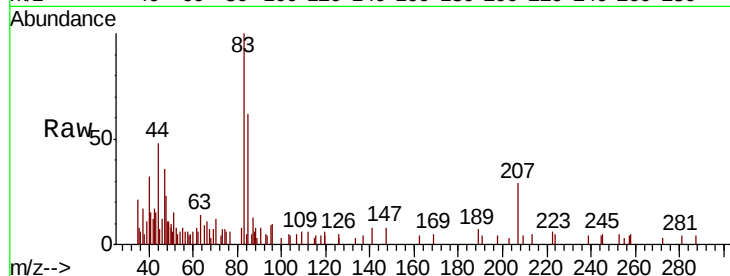




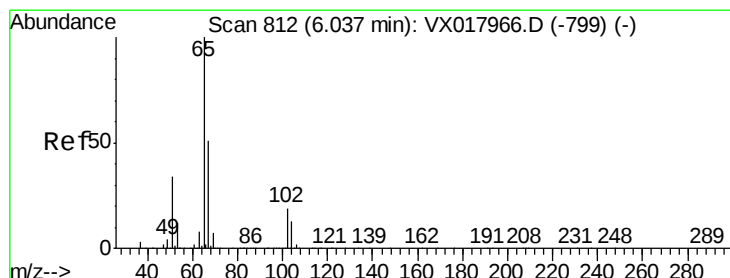
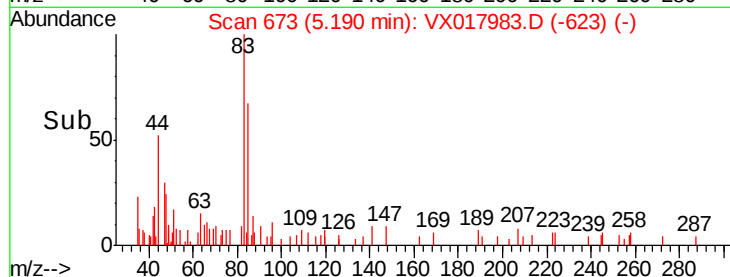
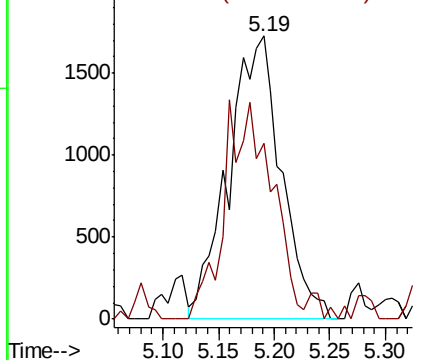
#30
Chloroform
Concen: 0.571 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX017983.D
Acq: 19 Aug 2020 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-278-280

Tot Ion: 83 Resp: 5671
Ion Ratio Lower Upper
83 100
85 62.1 51.3 76.9

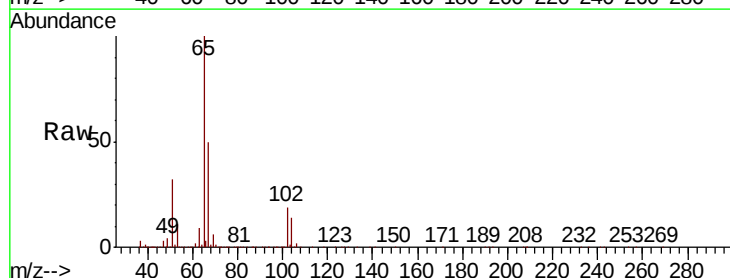


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

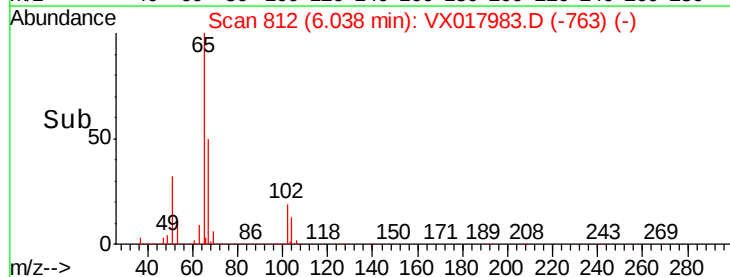
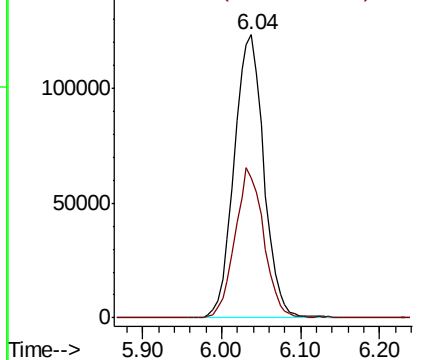


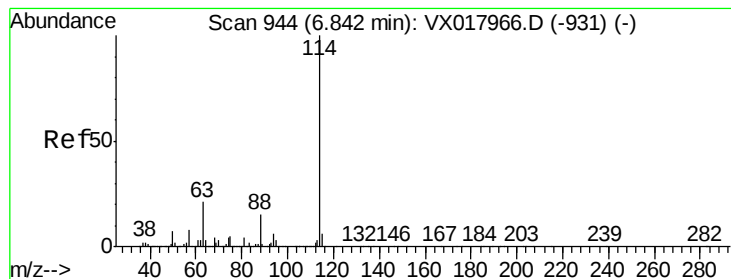
#33
1,2-Dichloroethane-d4
Concen: 45.256 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.00 min
Lab File: VX017983.D
Acq: 19 Aug 2020 14:33

Tgt Ion: 65 Resp: 322505
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0



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: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-278-280

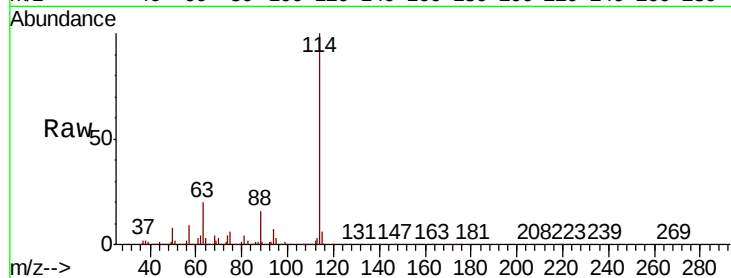
Tot Ion:114 Resp: 725023

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

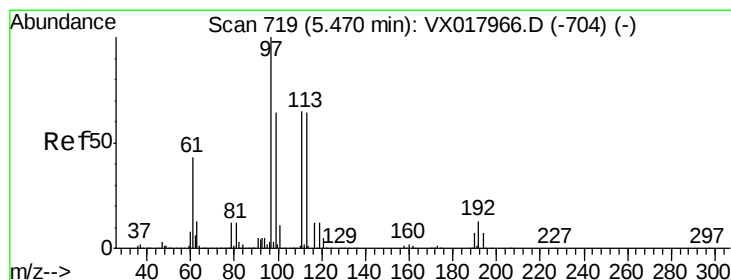
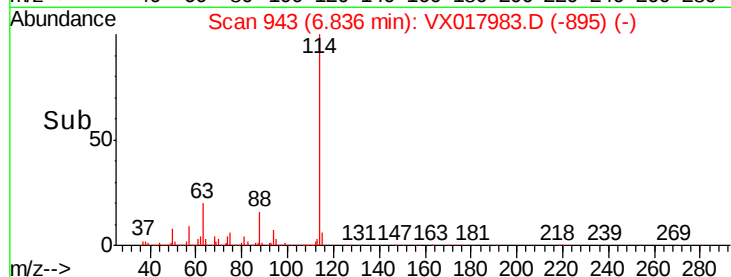
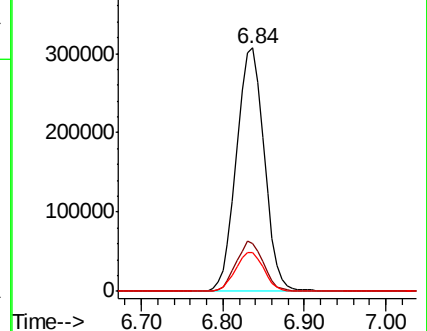
88 15.8 0.0 30.2



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: 48.664 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

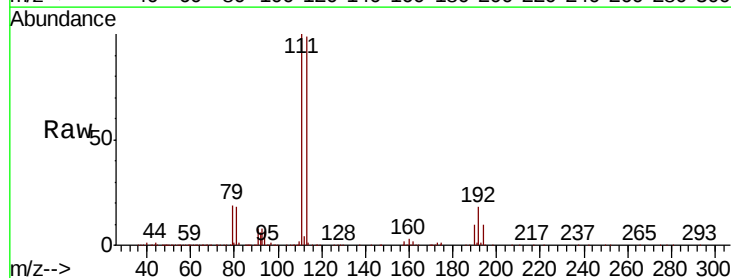
Tgt Ion:113 Resp: 262745

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

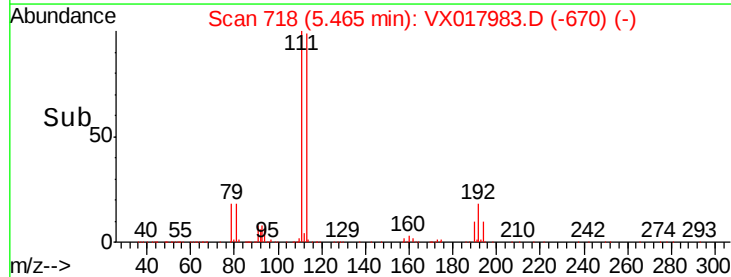
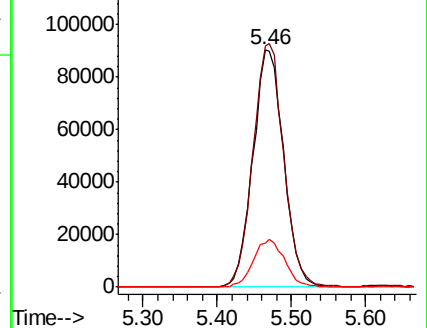
192 20.3 16.2 24.4

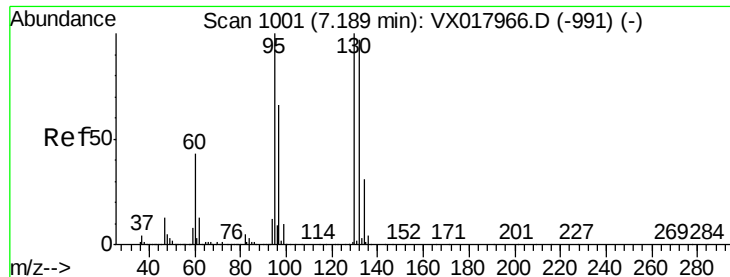


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.739 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

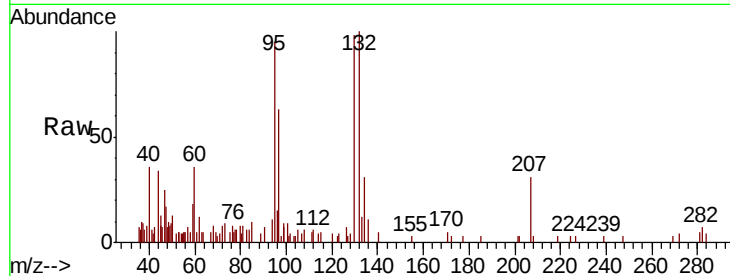
BP-VPB181-GW-278-280

Tot Ion:130 Resp: 4007

Ion Ratio Lower Upper

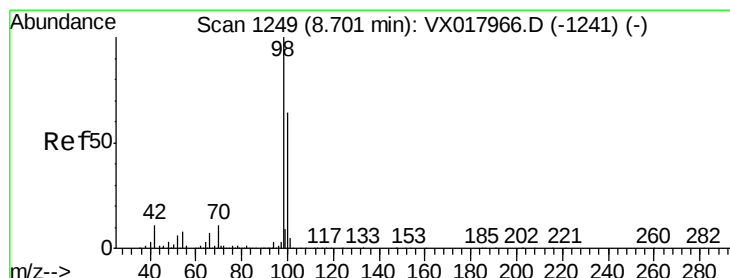
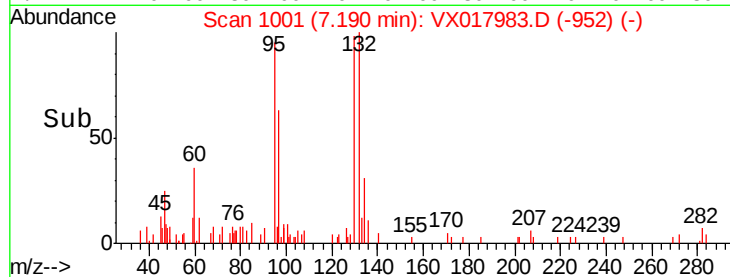
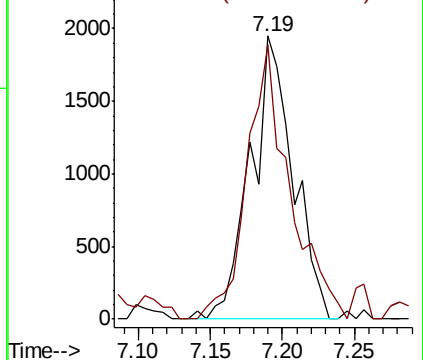
130 100

95 96.8 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 45.709 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017983.D

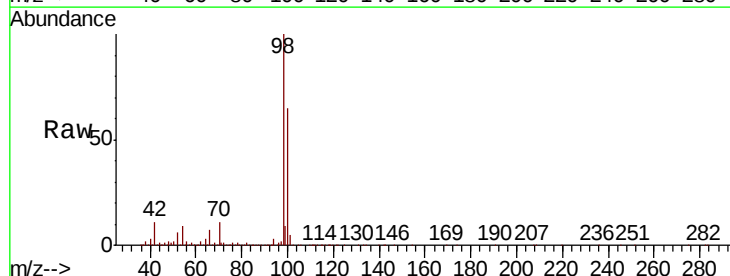
Acq: 19 Aug 2020 14:33

Tgt Ion: 98 Resp: 872337

Ion Ratio Lower Upper

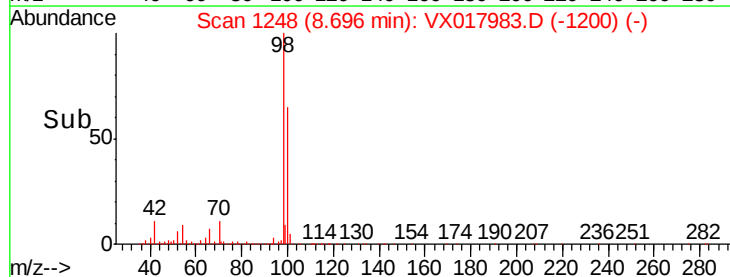
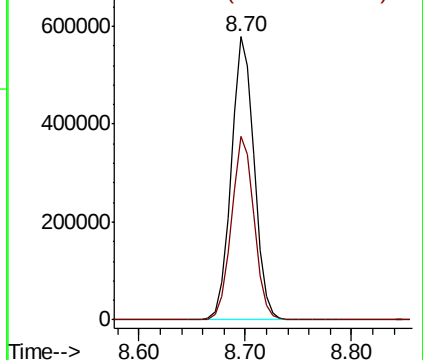
98 100

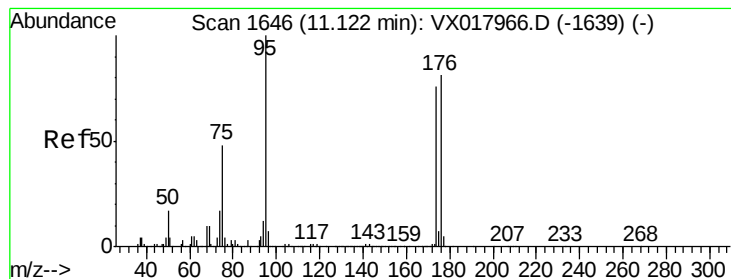
100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.621 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-278-280

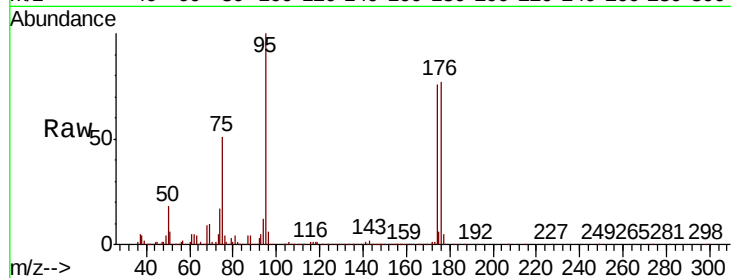
Tot Ion: 95 Resp: 314522

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.0

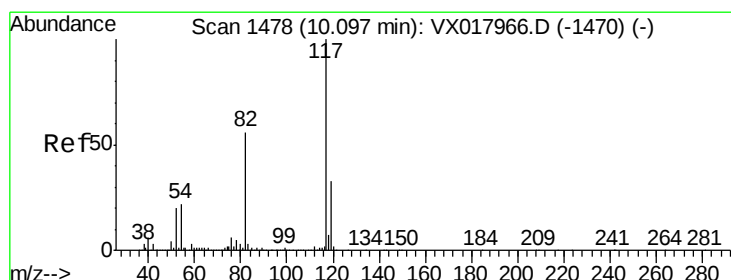
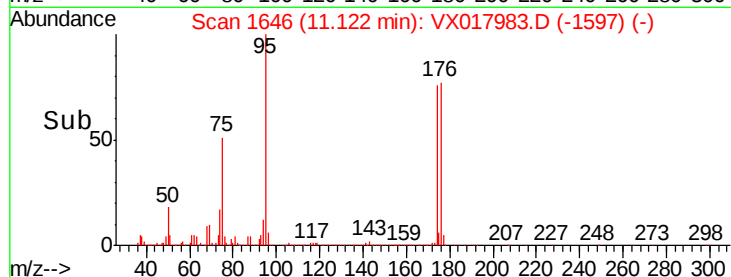
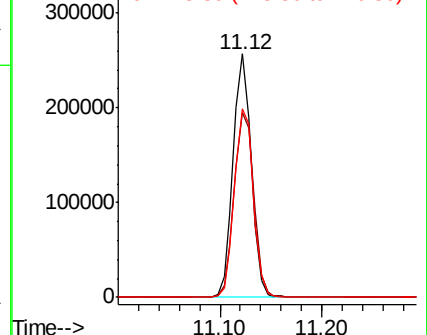
176 80.2 0.0 161.0



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# 1478

Delta R.T. 0.00 min

Lab File: VX017983.D

Acq: 19 Aug 2020 14:33

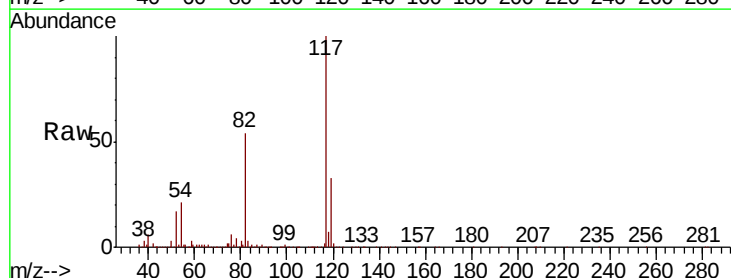
Tgt Ion: 117 Resp: 700229

Ion Ratio Lower Upper

117 100

82 53.6 44.6 66.8

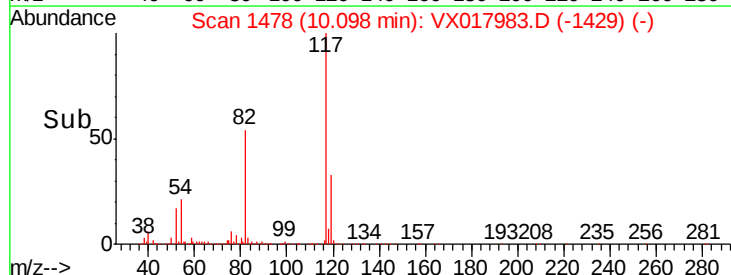
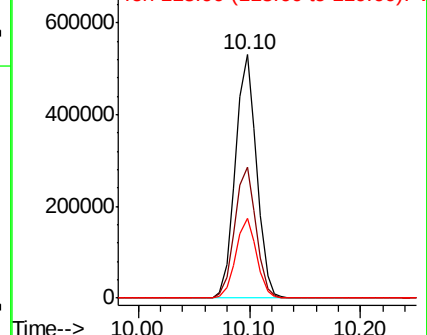
119 32.9 26.2 39.4

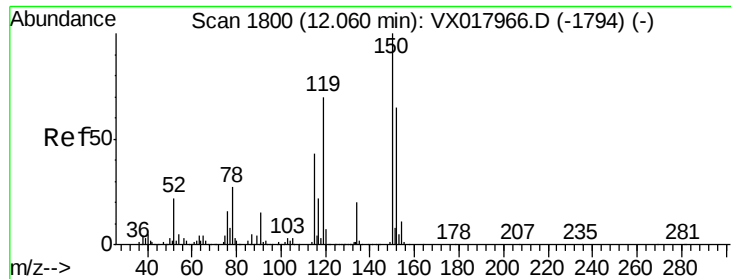


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1800
 Delta R.T. 0.00 min
 Lab File: VX017983.D
 Acq: 19 Aug 2020 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-278-280

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.4	40.6	121.7
150	157.0	0.0	346.4

