

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017986.D
 Acq On : 19 Aug 2020 15:41
 Operator : JC/SP
 Sample : L3718-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-338-340

Quant Time: Aug 19 17:09:16 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

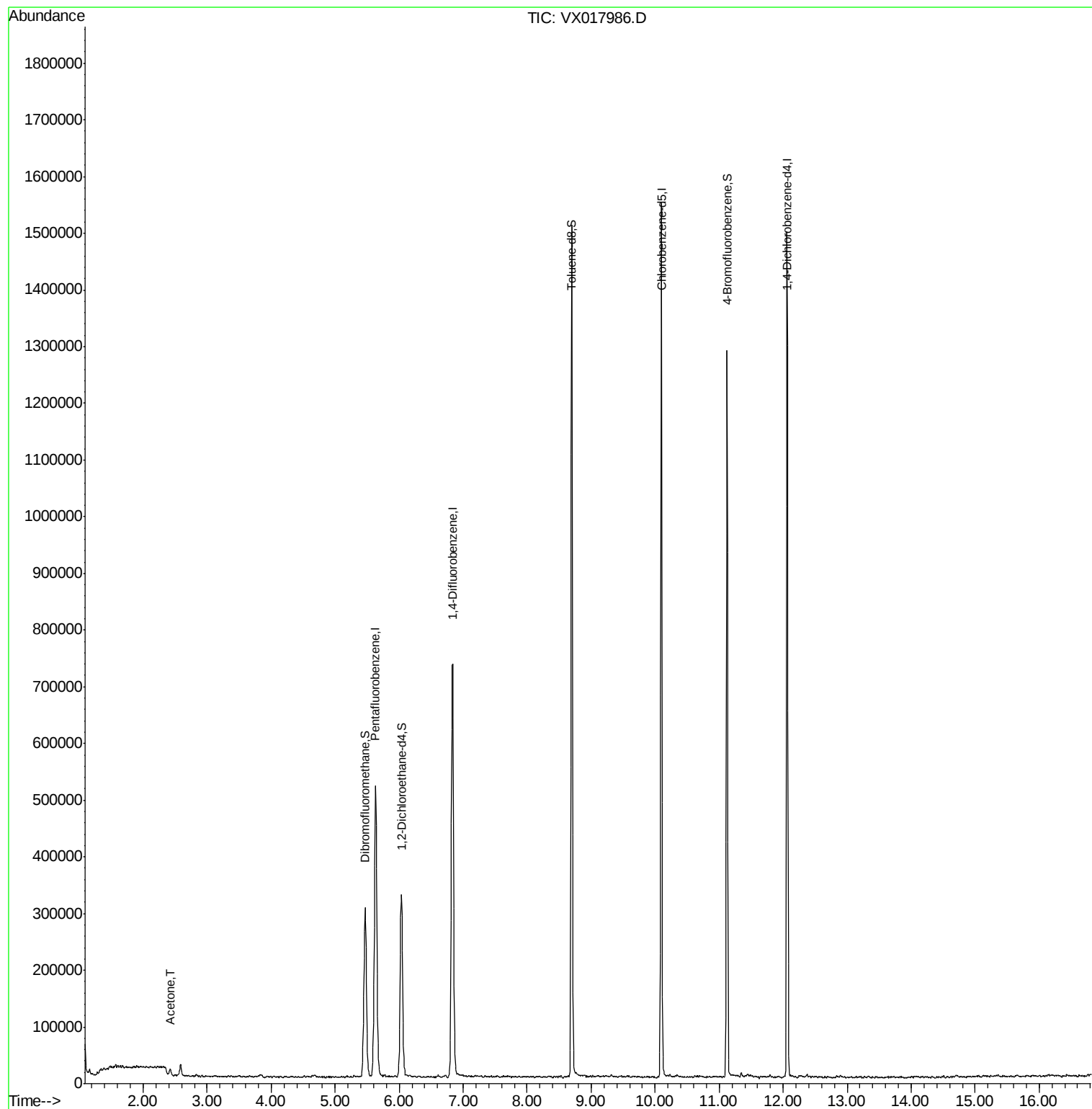
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	479387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	739929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	324724	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	5.47	113	259827	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.70	98	880897	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
62) 4-Bromofluorobenzene	11.12	95	316922	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
16) Acetone	2.42	43	12473	4.512	ug/l	Qvalue 90

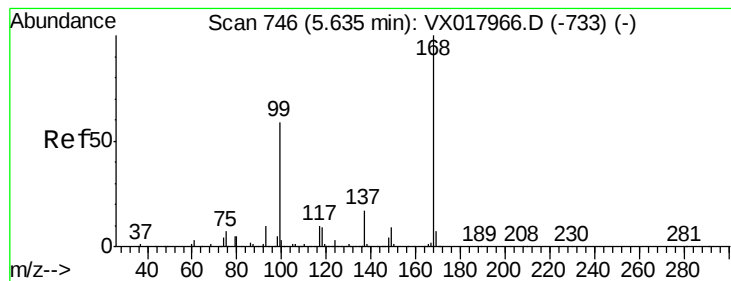
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017986.D

Acq: 19 Aug 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

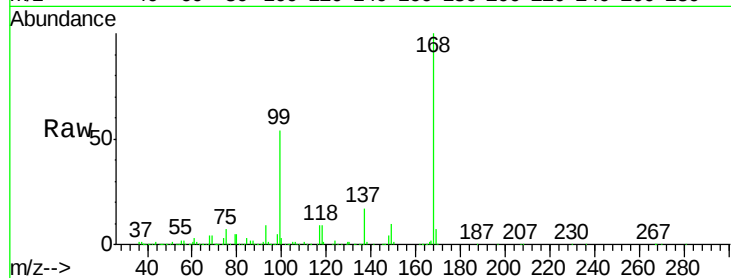
BP-VPB181-GW-338-340

Tot Ion:168 Resp: 479387

Ion Ratio Lower Upper

168 100

99 54.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

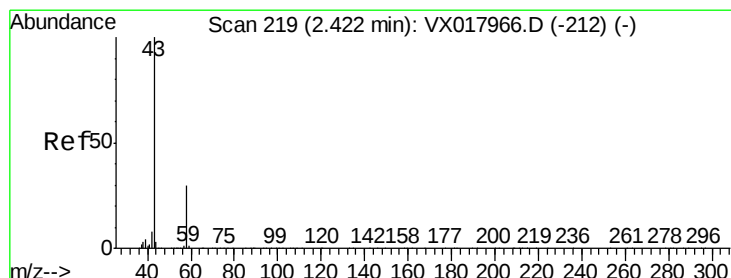
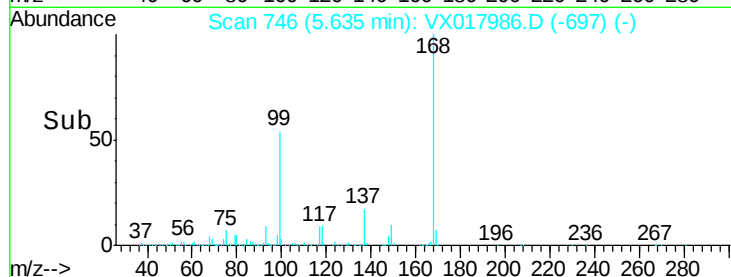
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.512 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017986.D

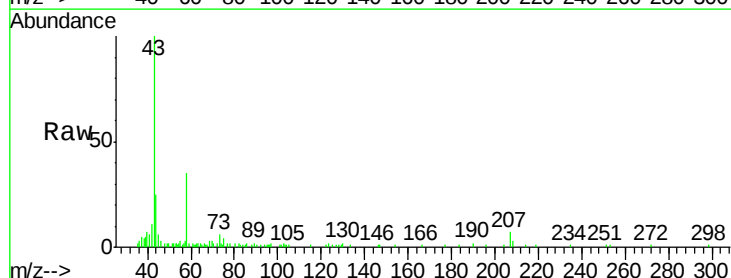
Acq: 19 Aug 2020 15:41

Tgt Ion: 43 Resp: 12473

Ion Ratio Lower Upper

43 100

58 35.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

6000

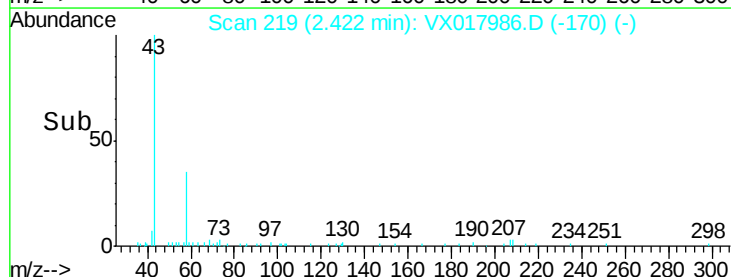
4000

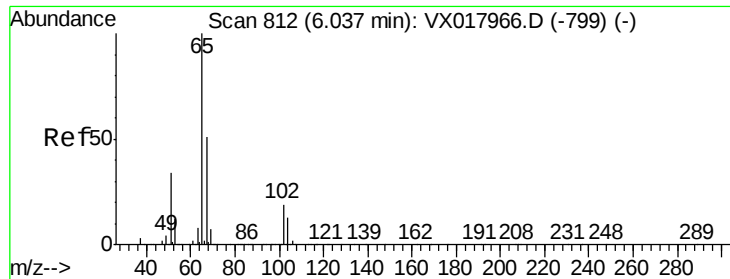
2000

0

Time-->

2.35 2.40 2.45 2.50

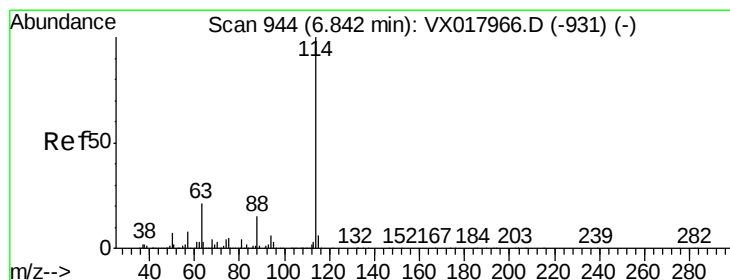
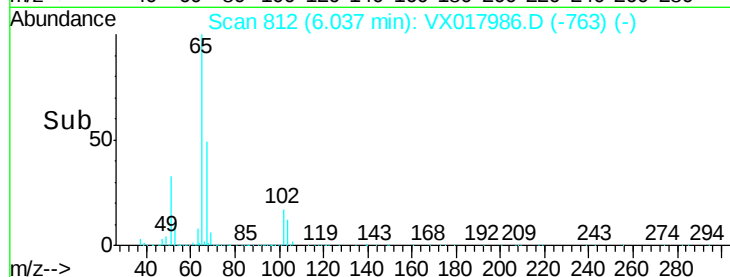
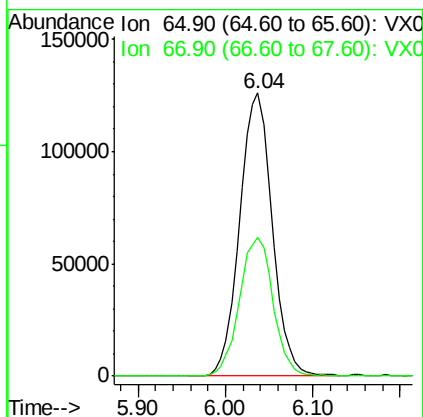
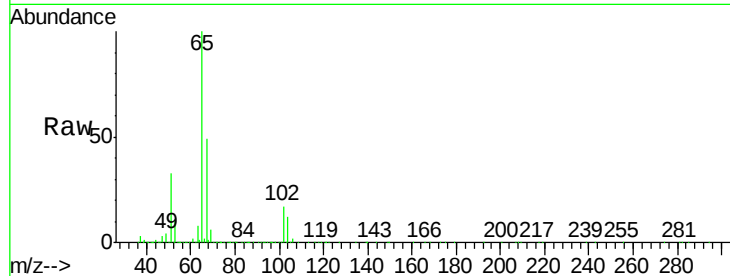




#33
 1,2-Dichloroethane-d4
 Concen: 46.208 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX017986.D
 Acq: 19 Aug 2020 15:41

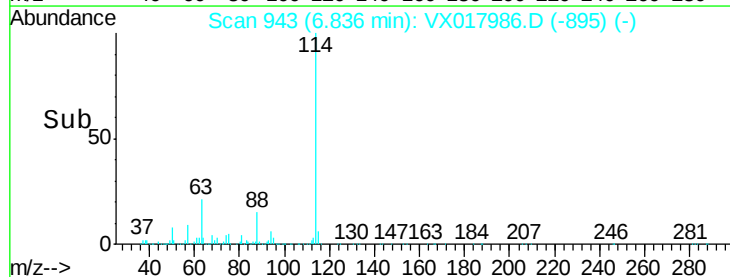
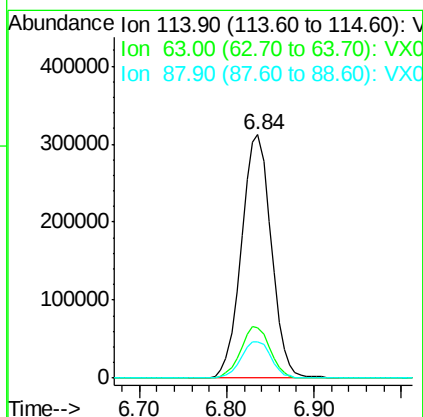
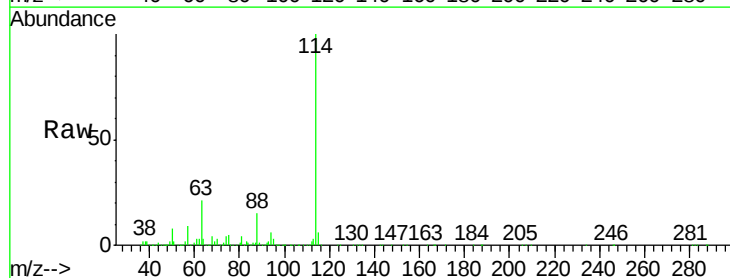
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-338-340

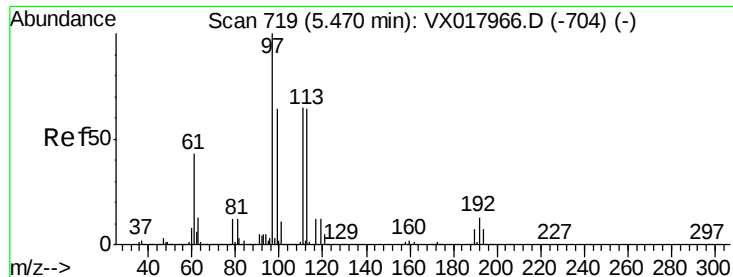
Tot Ion: 65 Resp: 324724
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017986.D
 Acq: 19 Aug 2020 15:41

Tgt Ion: 114 Resp: 739929
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.1 0.0 30.2

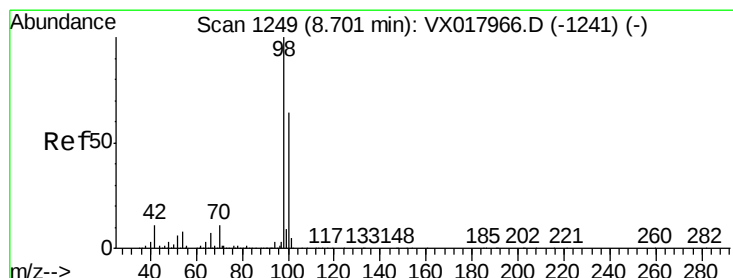
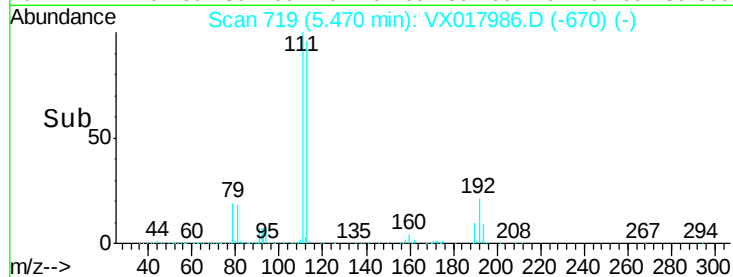
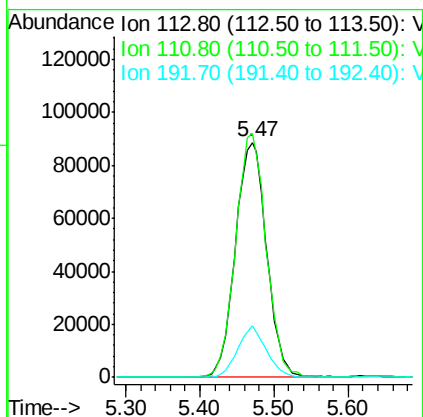
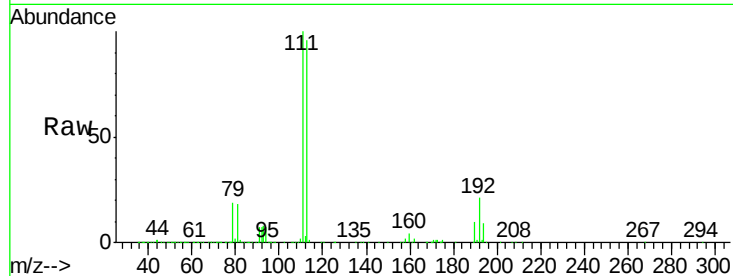




#35
Dibromofluoromethane
Concen: 47.154 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017986.D
Acq: 19 Aug 2020 15:41

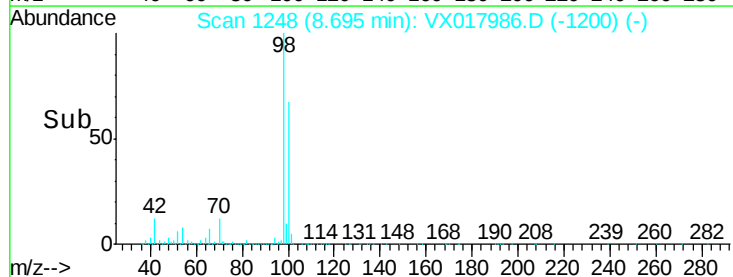
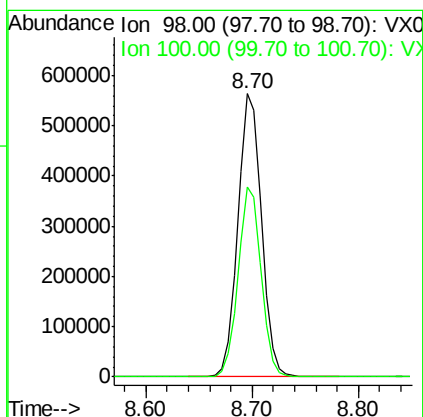
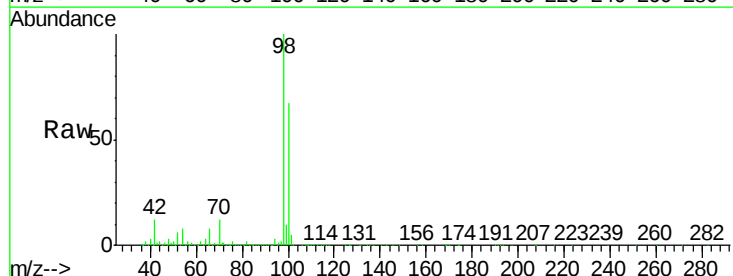
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-338-340

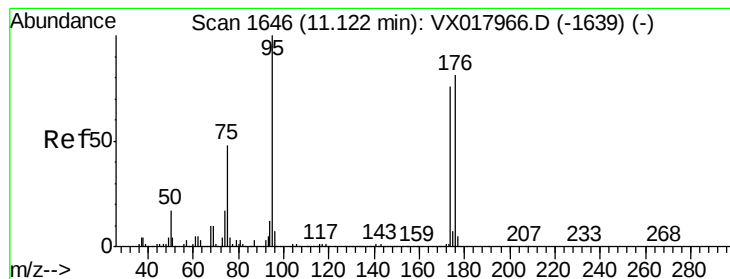
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.5	125.3
192	20.2	16.2	24.4



#50
Toluene-d8
Concen: 45.227 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017986.D
Acq: 19 Aug 2020 15:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 44.056 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017986.D

Acq: 19 Aug 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-338-340

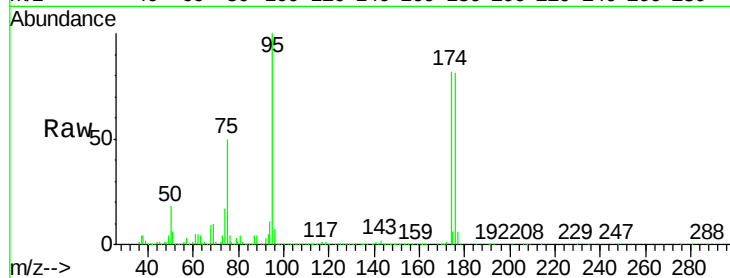
Tot Ion: 95 Resp: 316922

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.0

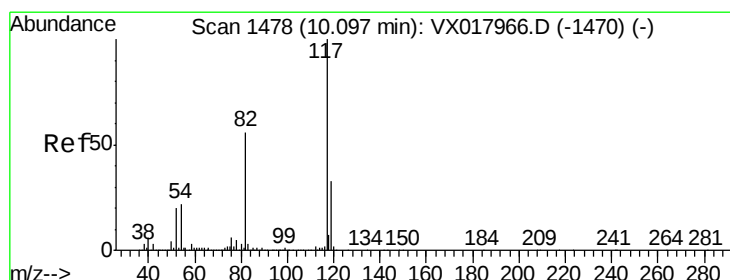
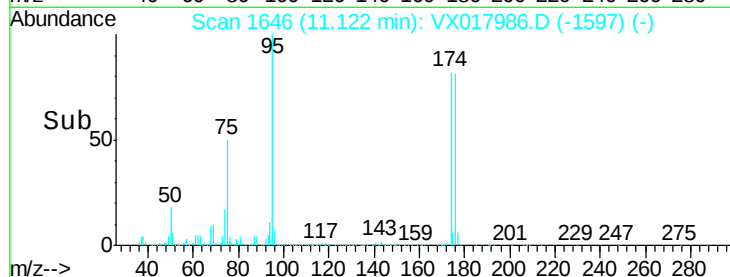
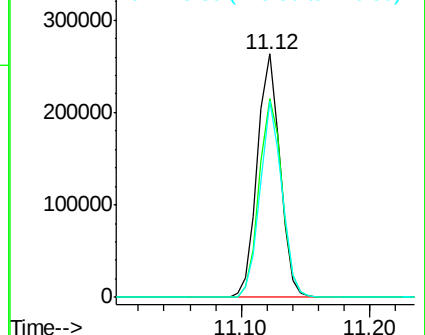
176 78.3 0.0 161.0



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: VX017986.D

Acq: 19 Aug 2020 15:41

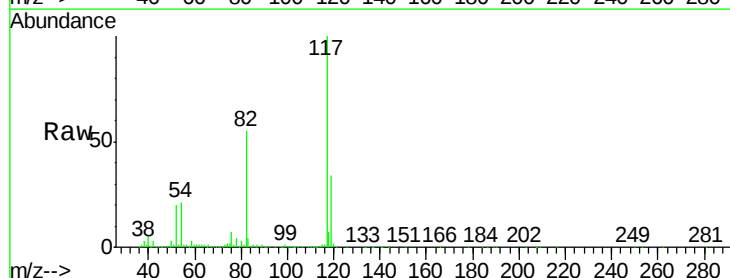
Tgt Ion: 117 Resp: 685312

Ion Ratio Lower Upper

117 100

82 55.3 44.6 66.8

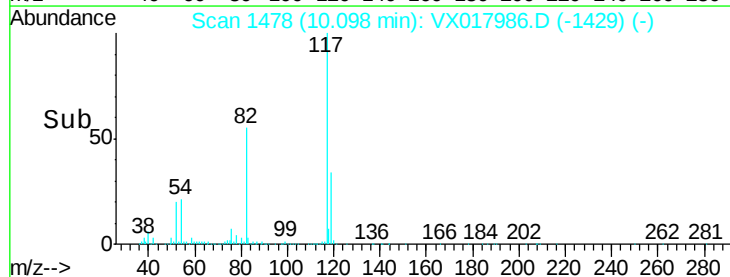
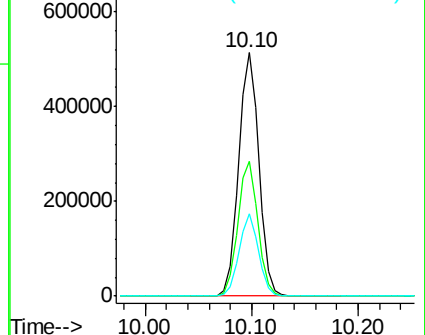
119 33.8 26.2 39.4

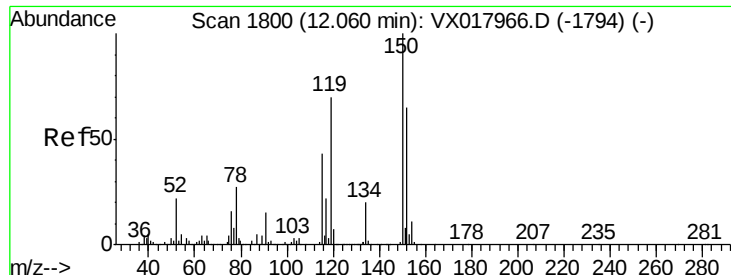


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX017986.D

Acq: 19 Aug 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-338-340

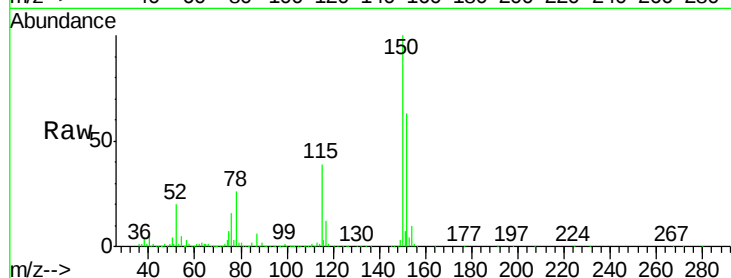
Tot Ion:152 Resp: 309067

Ion Ratio Lower Upper

152 100

115 61.0 40.6 121.7

150 162.1 0.0 346.4



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

