

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082720\
 Data File : VX018103.D
 Acq On : 27 Aug 2020 19:45
 Operator : JC/SP
 Sample : L3820-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-678-680

Quant Time: Aug 28 09:33:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

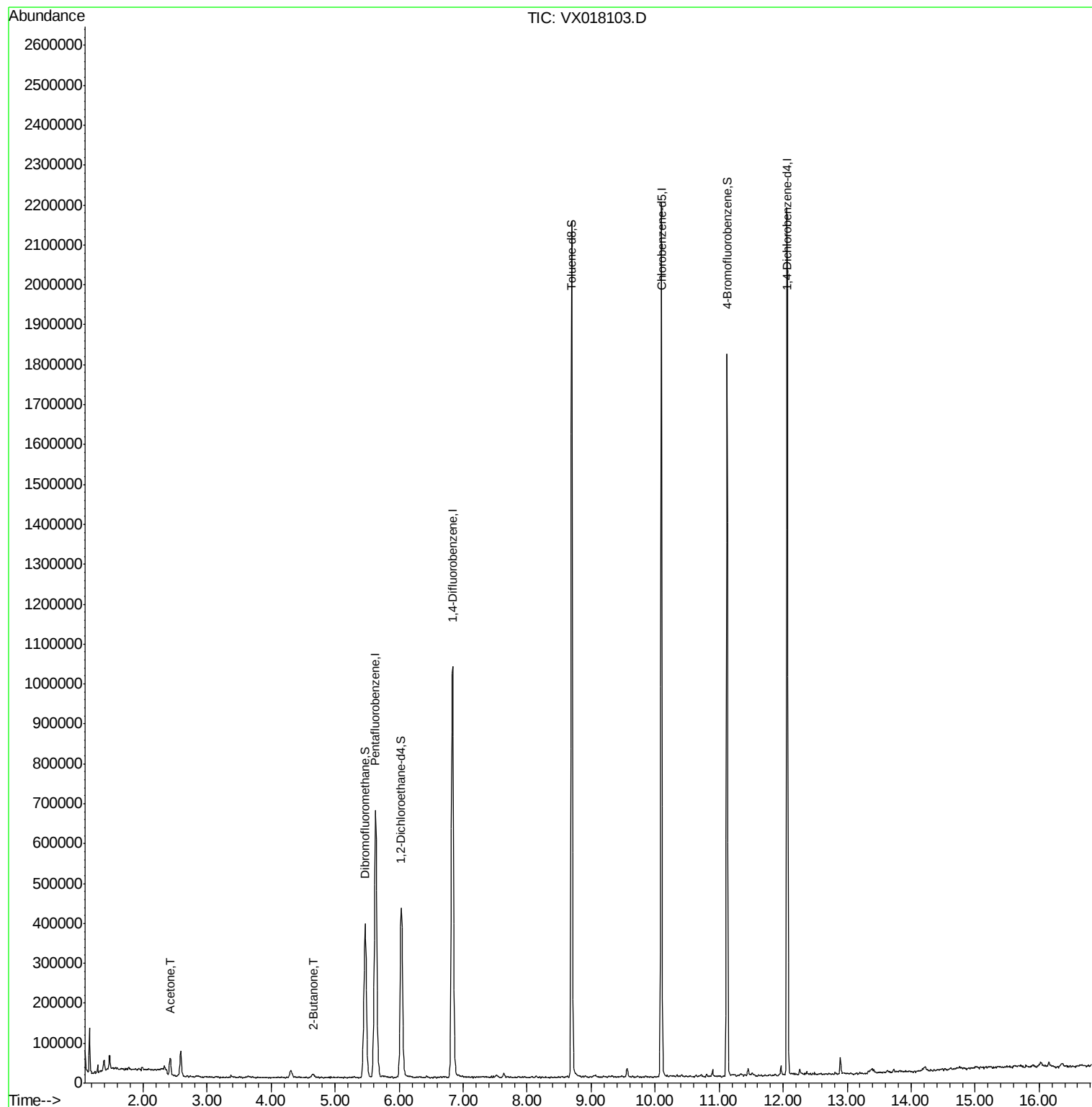
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	628613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1033285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	984242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	448870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	420327	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.47	113	340488	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.70	98	1266818	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.12	95	469978	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
16) Acetone	2.42	43	48414	14.237	ug/l	Qvalue 100
25) 2-Butanone	4.65	43	12928	2.313	ug/l #	84

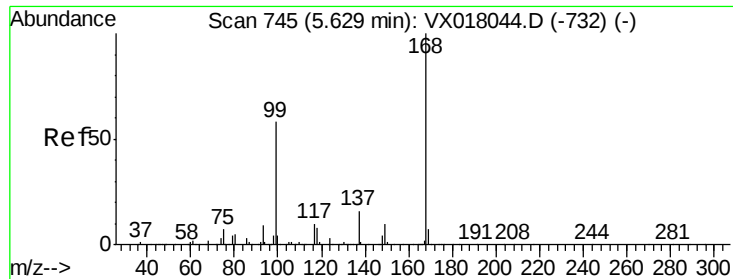
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018103.D

Acq: 27 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

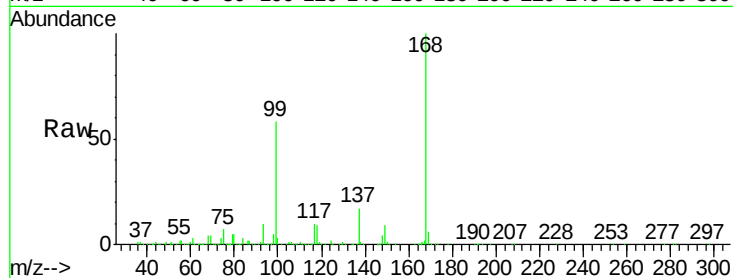
BP-VPB181-GW-678-680

Tot Ion:168 Resp: 628613

Ion Ratio Lower Upper

168 100

99 58.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

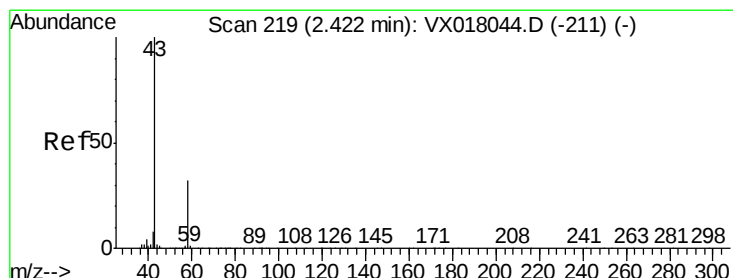
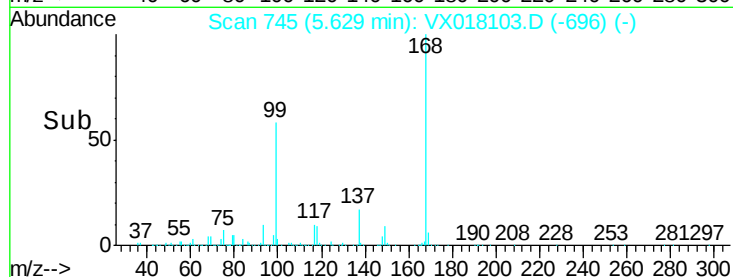
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 14.237 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018103.D

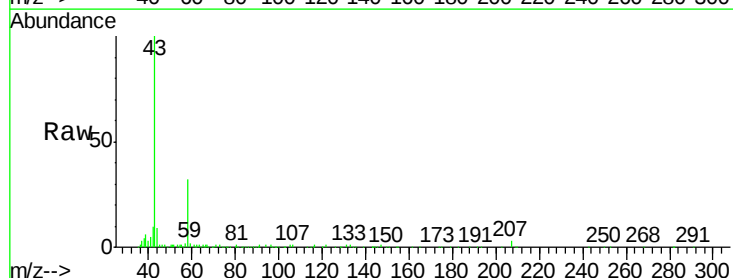
Acq: 27 Aug 2020 19:45

Tgt Ion: 43 Resp: 48414

Ion Ratio Lower Upper

43 100

58 31.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

30000

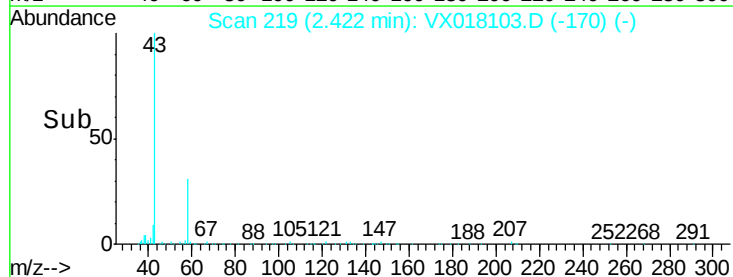
20000

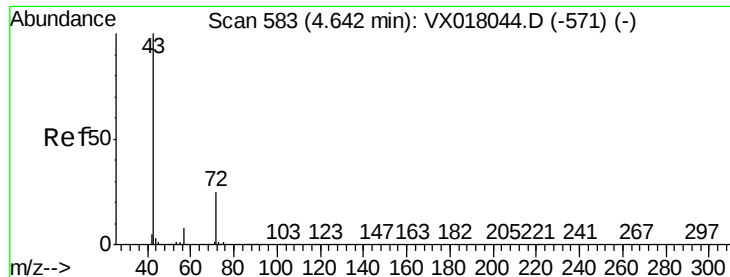
10000

0

Time-->

2.35 2.40 2.45 2.50

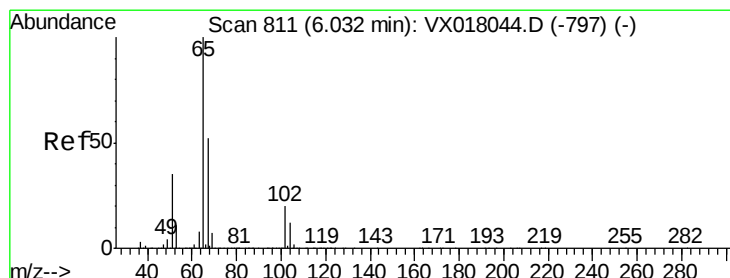
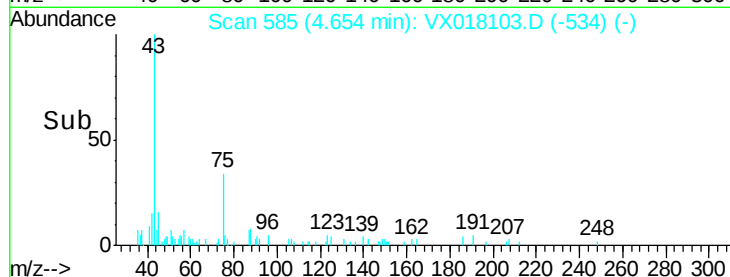
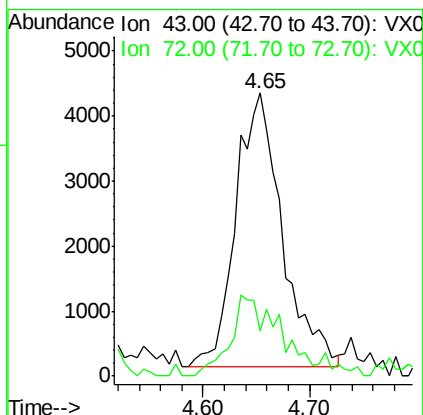
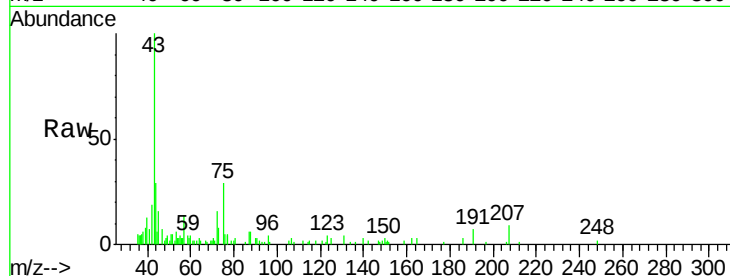




#25
2-Butanone
Concen: 2.313 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX018103.D
Acq: 27 Aug 2020 19:45

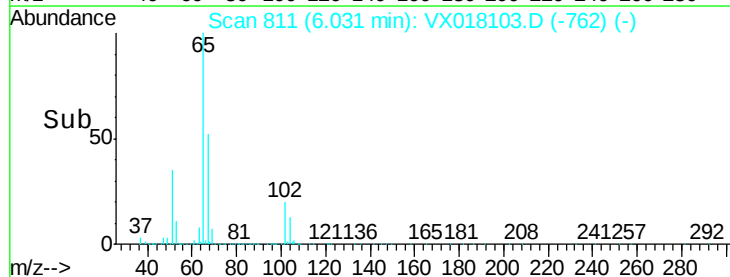
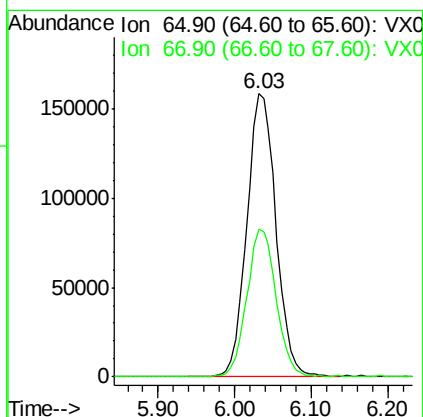
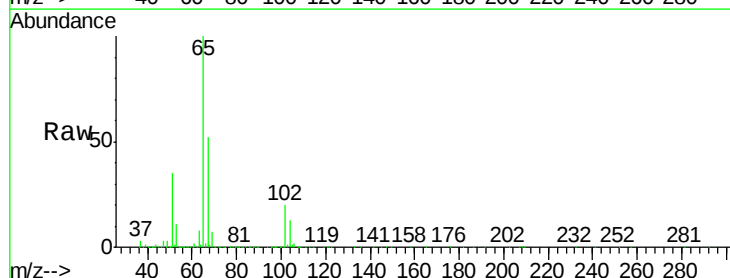
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-678-680

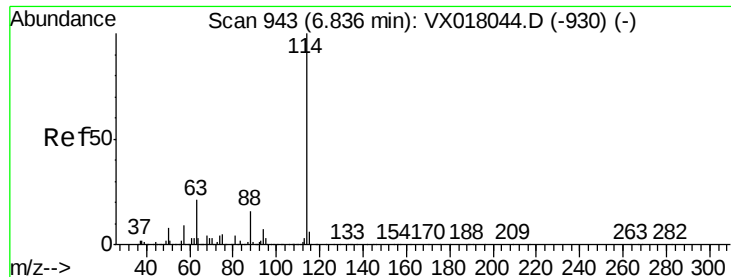
Tot Ion: 43 Resp: 12928
Ion Ratio Lower Upper
43 100
72 16.7 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 48.165 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018103.D
Acq: 27 Aug 2020 19:45

Tgt Ion: 65 Resp: 420327
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018103.D

Acq: 27 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-678-680

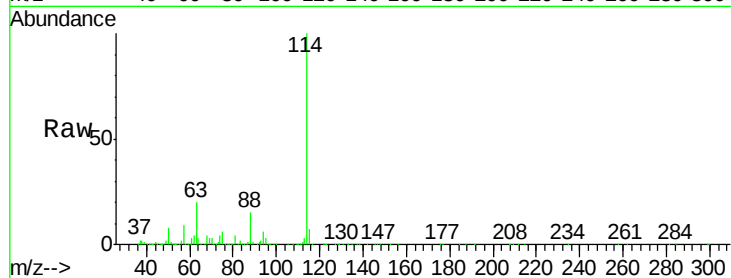
Tot Ion:114 Resp: 1033285

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

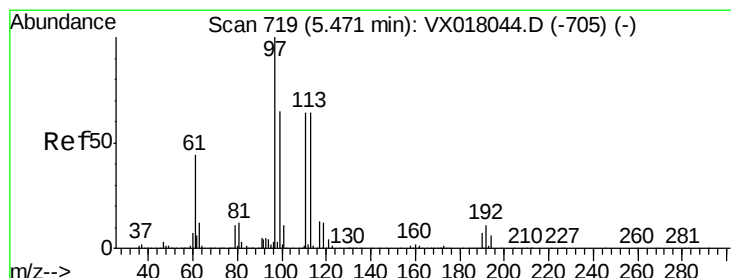
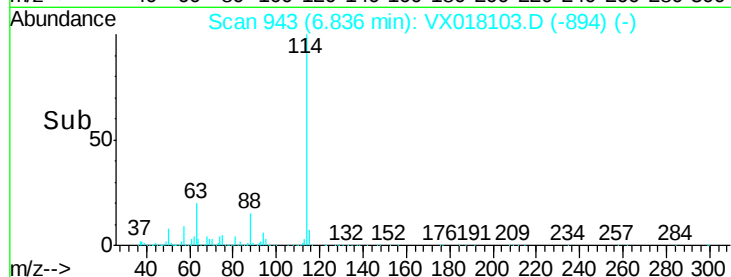
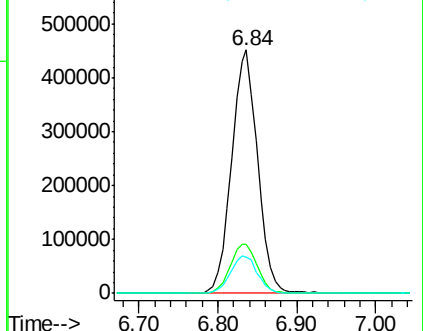
88 14.8 0.0 31.8



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: 48.384 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018103.D

Acq: 27 Aug 2020 19:45

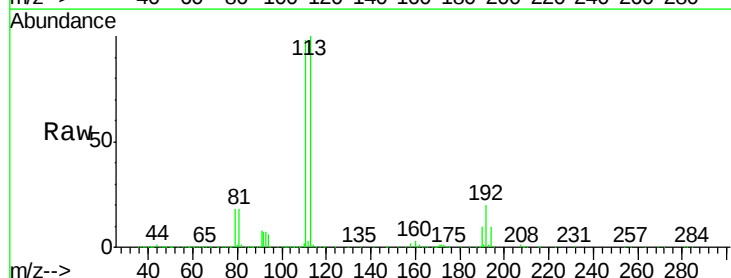
Tgt Ion:113 Resp: 340488

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

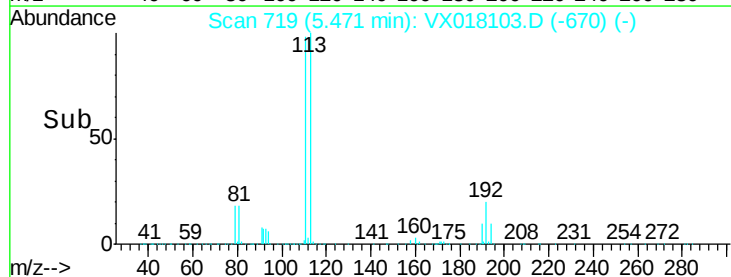
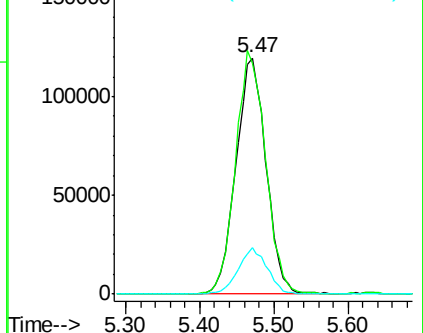
192 18.9 15.8 23.8

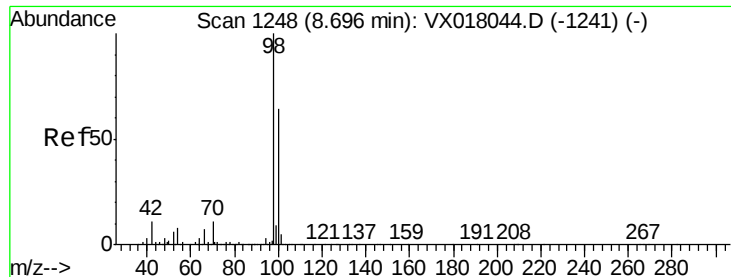


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.333 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018103.D

Acq: 27 Aug 2020 19:45

Instrument :

MSVOA_X

ClientSampleId :

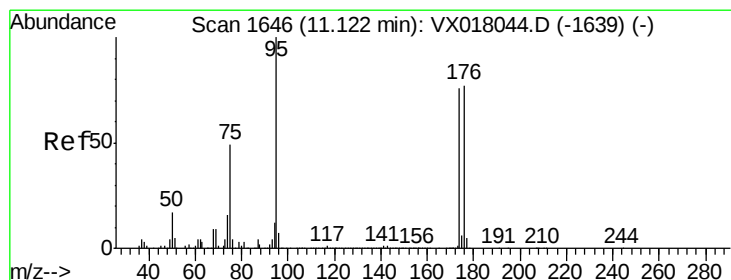
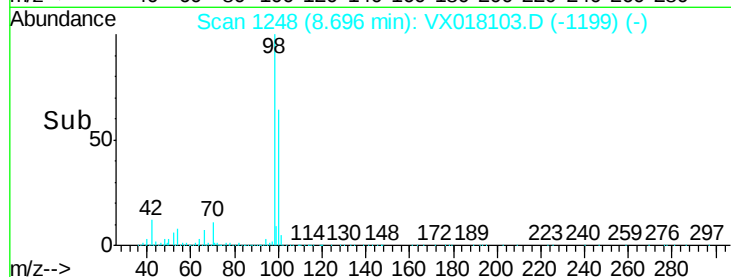
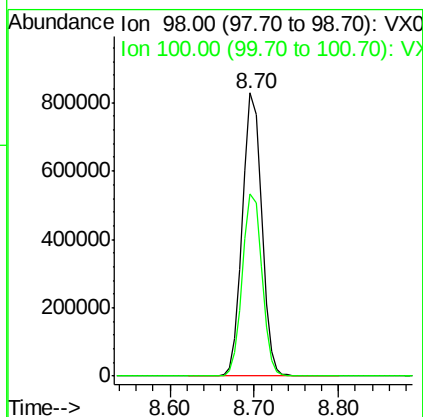
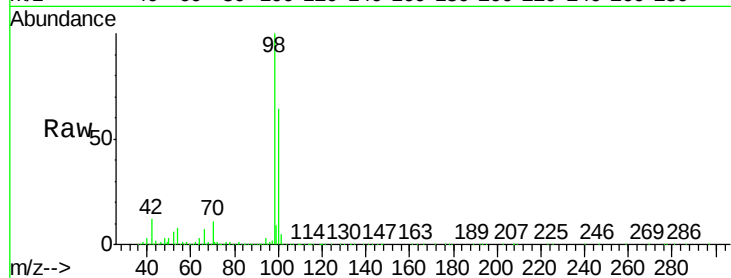
BP-VPB181-GW-678-680

Tot Ion: 98 Resp: 1266818

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.575 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018103.D

Acq: 27 Aug 2020 19:45

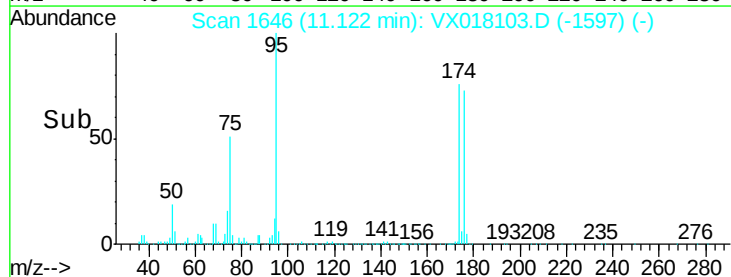
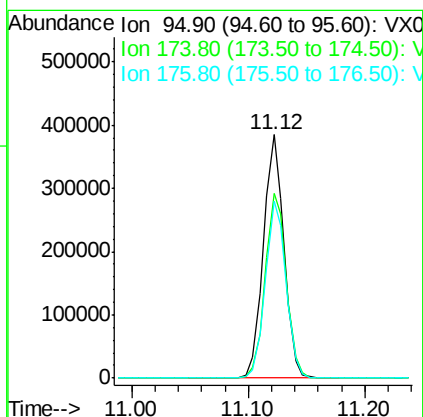
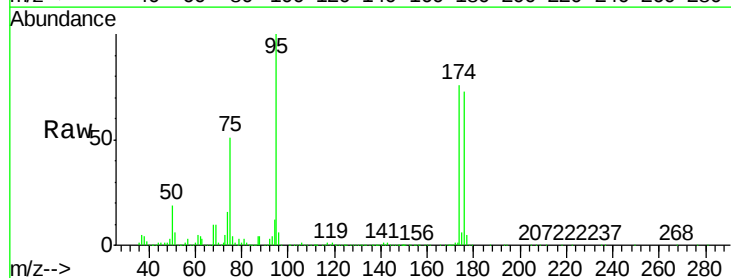
Tgt Ion: 95 Resp: 469978

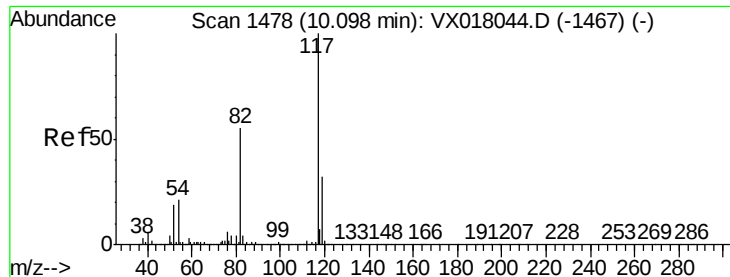
Ion Ratio Lower Upper

95 100

174 77.4 0.0 160.2

176 73.1 0.0 155.8

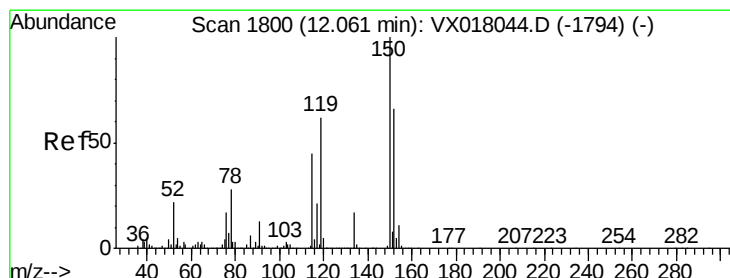
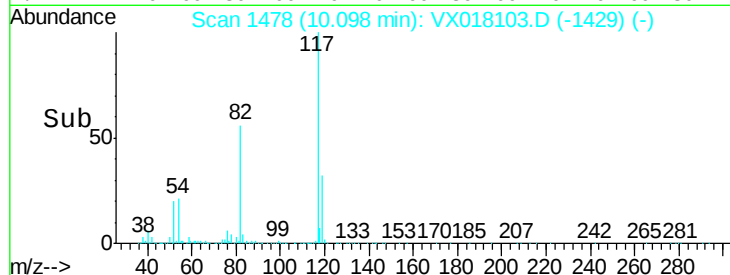
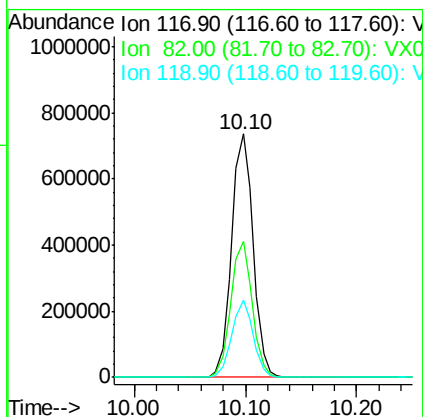
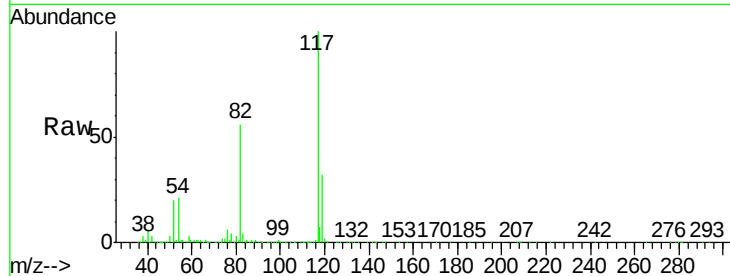




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018103.D
Acq: 27 Aug 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-678-680

Tot Ion:117 Resp: 984242
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018103.D
Acq: 27 Aug 2020 19:45

Tgt Ion:152 Resp: 448870
Ion Ratio Lower Upper
152 100
115 59.3 41.5 124.5
150 159.5 0.0 343.8

