

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017727.D
 Acq On : 01 Aug 2020 02:08
 Operator : JC/SP
 Sample : PB130661ZHE#23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#23

Quant Time: Aug 01 05:10:47 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

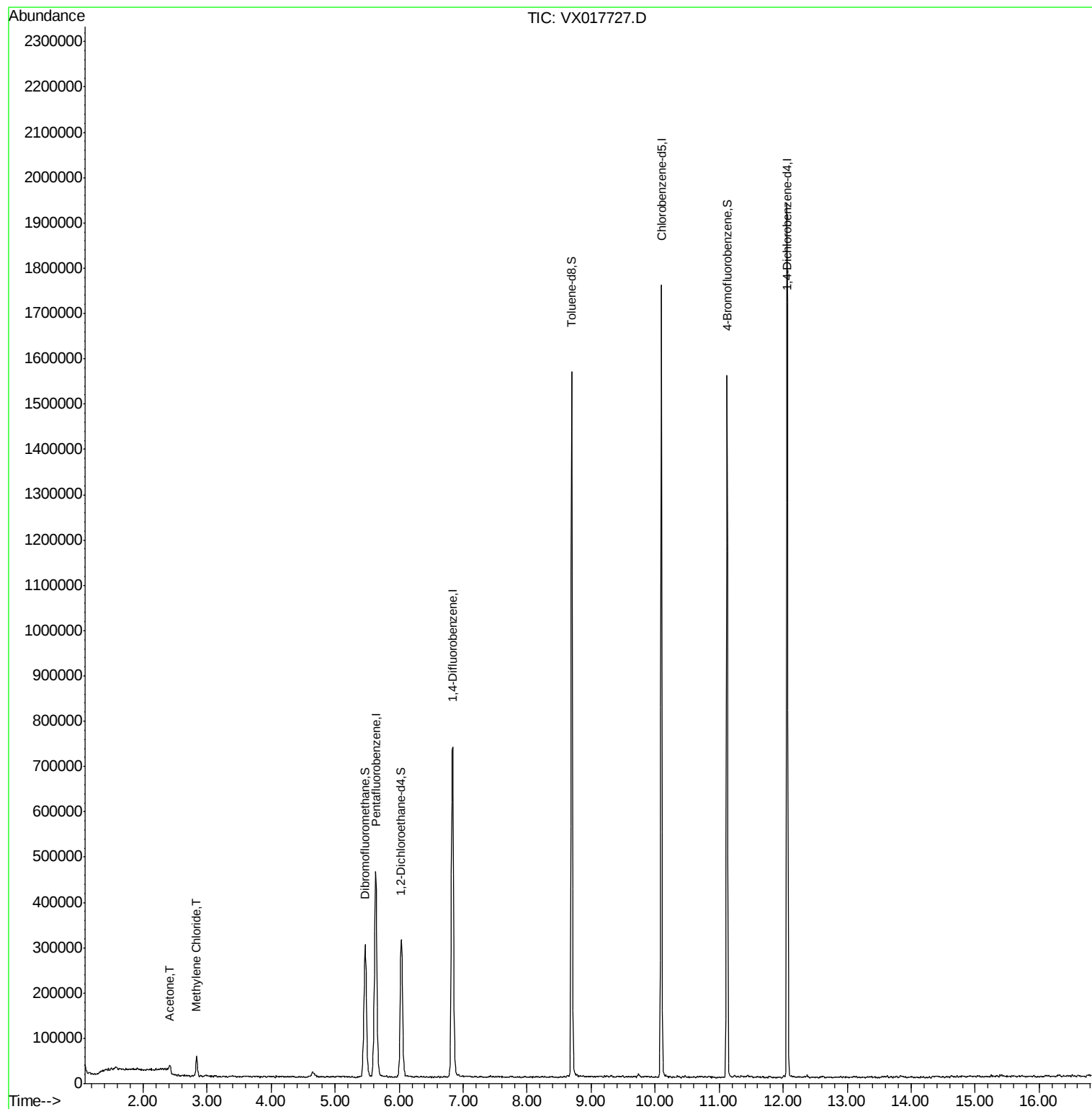
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	425034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	740714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	780181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	304658	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
35) Dibromofluoromethane	5.46	113	251827	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	8.70	98	904856	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.12	95	384598	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
Target Compounds						
16) Acetone	2.42	43	12289	5.114	ug/l	95
20) Methylene Chloride	2.84	84	20530	3.338	ug/l	96

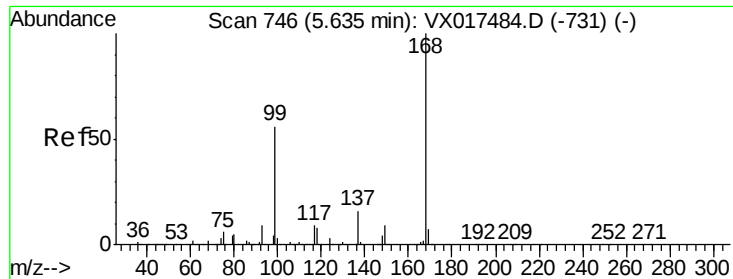
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 05:48:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017727.D

Acq: 01 Aug 2020 02:08

Instrument :

MSVOA_X

ClientSampleId :

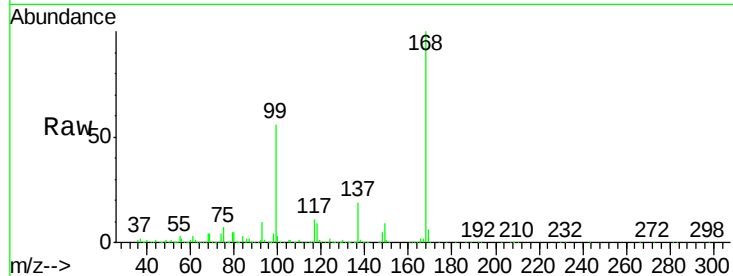
PB130661ZHE#23

Tot Ion:168 Resp: 425034

Ion Ratio Lower Upper

168 100

99 55.9 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

150000

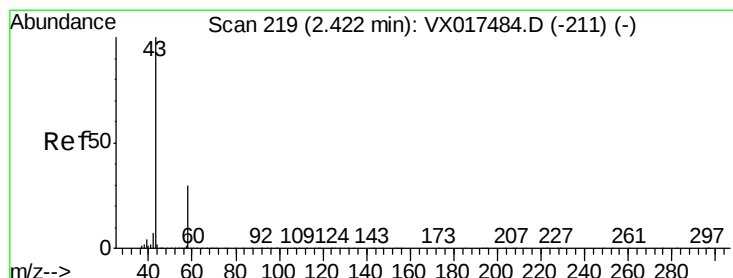
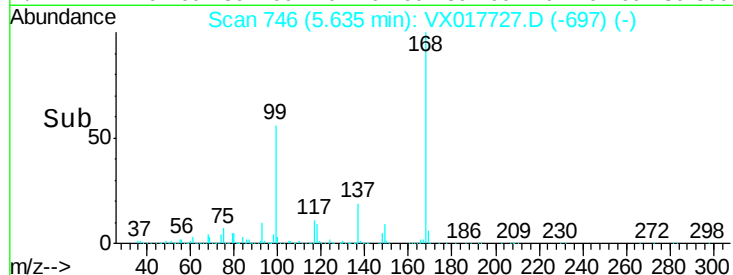
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.114 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017727.D

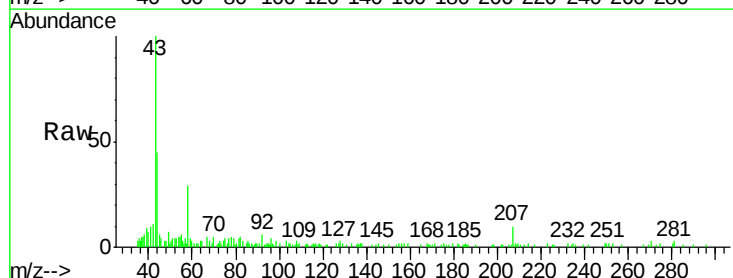
Acq: 01 Aug 2020 02:08

Tgt Ion: 43 Resp: 12289

Ion Ratio Lower Upper

43 100

58 27.6 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

6000

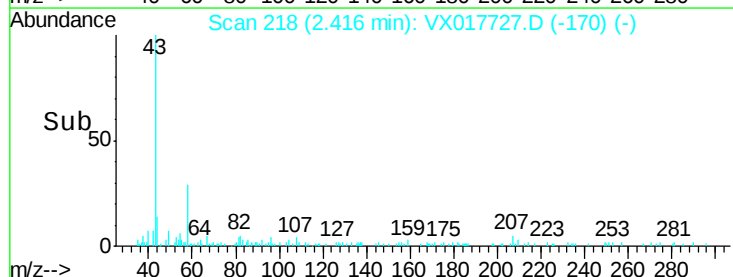
4000

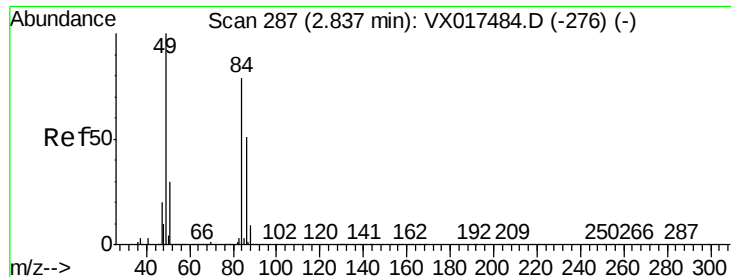
2000

0

Time-->

2.35 2.40 2.45

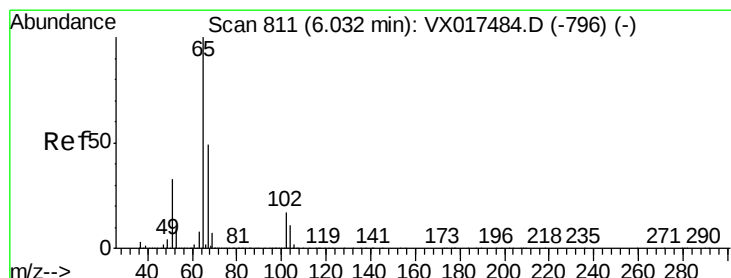
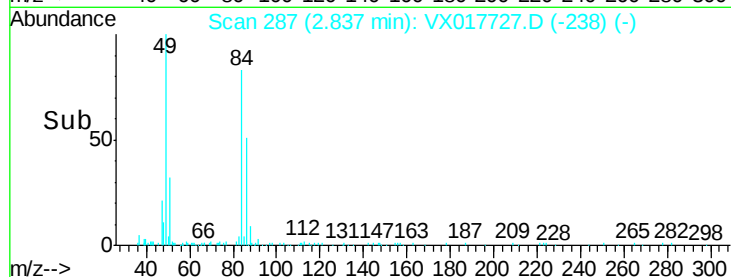
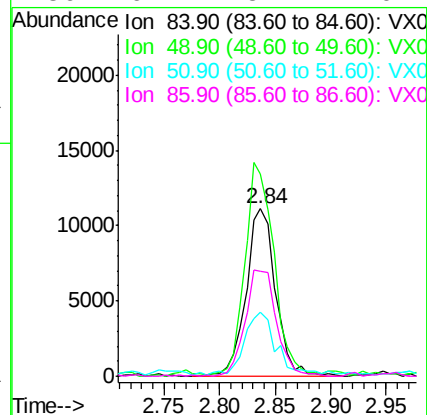
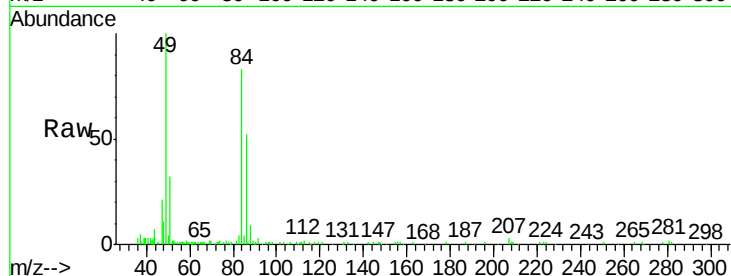




#20
Methvlene Chloride
Concen: 3.338 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017727.D
Acq: 01 Aug 2020 02:08

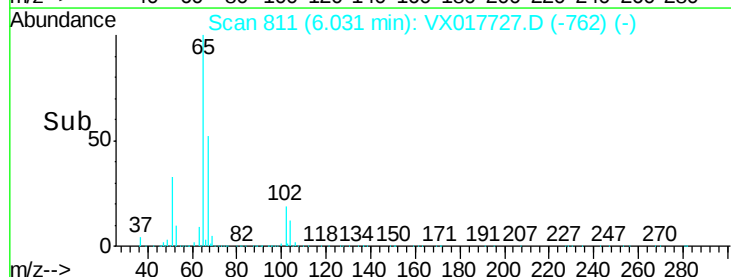
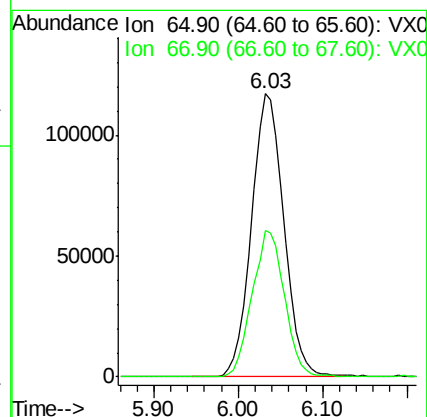
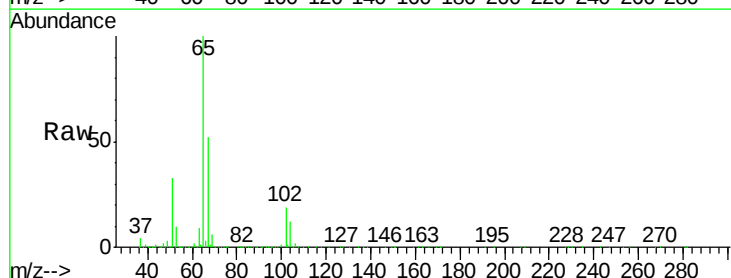
Instrument :
MSVOA_X
ClientSampleId :
PB130661ZHE#23

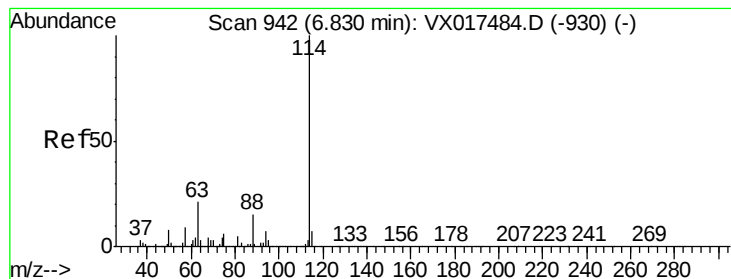
Tot Ion: 84 Resp: 20530
Ion Ratio Lower Upper
84 100
49 119.0 100.3 150.5
51 37.0 30.5 45.7
86 62.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.801 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017727.D
Acq: 01 Aug 2020 02:08

Tgt Ion: 65 Resp: 304658
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017727.D

Acq: 01 Aug 2020 02:08

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#23

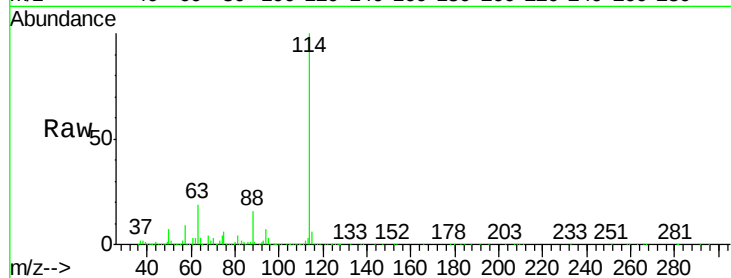
Tot Ion:114 Resp: 740714

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.6

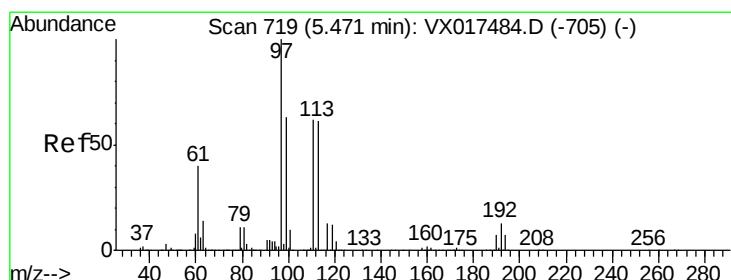
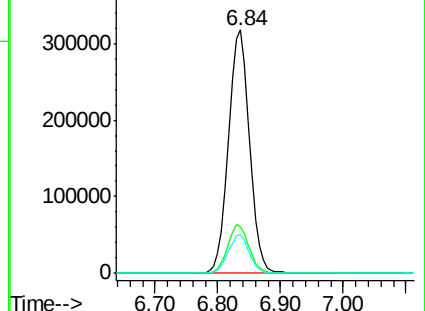
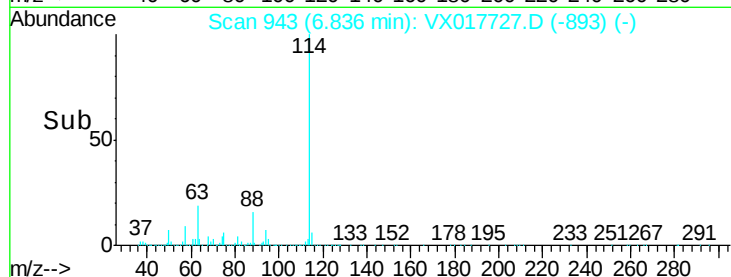
88 15.9 0.0 33.4



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: 50.834 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017727.D

Acq: 01 Aug 2020 02:08

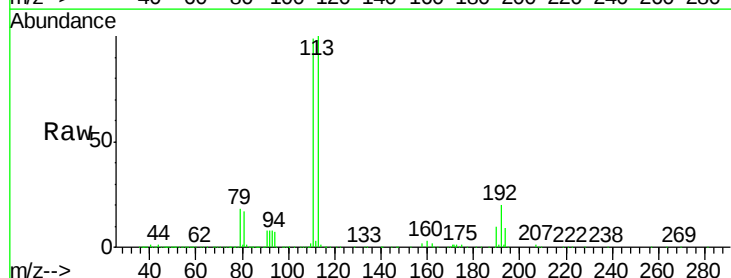
Tgt Ion:113 Resp: 251827

Ion Ratio Lower Upper

113 100

111 104.2 80.7 121.1

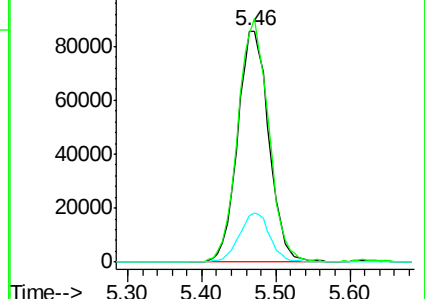
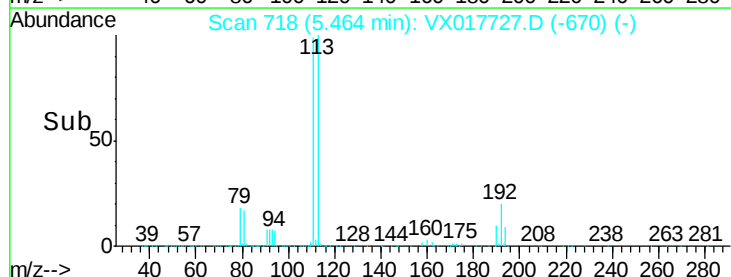
192 20.9 16.9 25.3

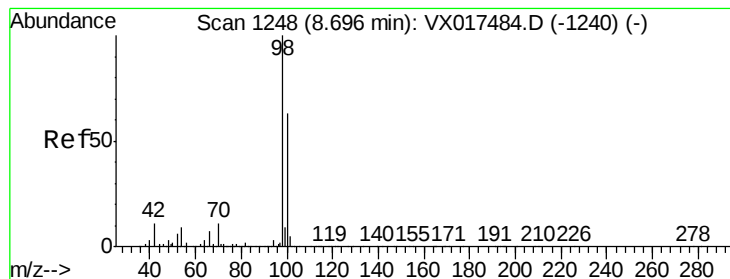


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.632 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017727.D

Acq: 01 Aug 2020 02:08

Instrument :

MSVOA_X

ClientSampleId :

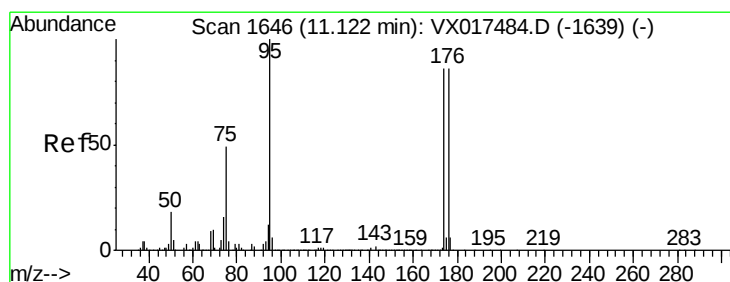
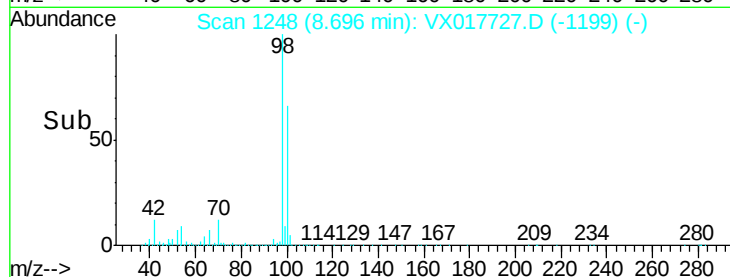
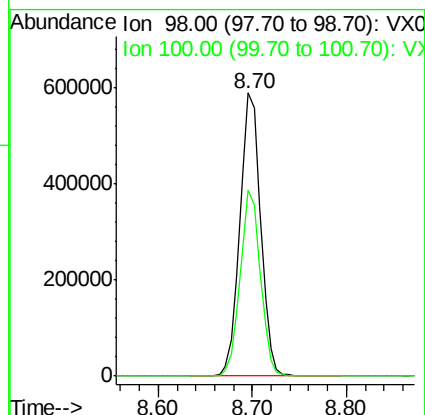
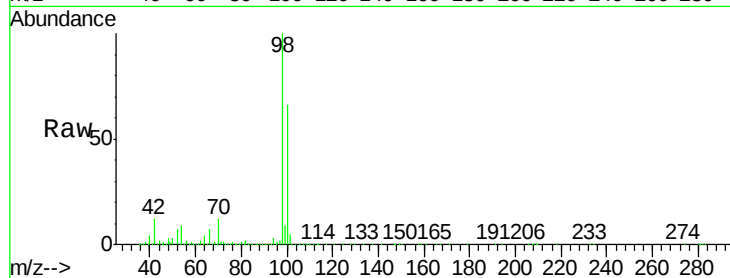
PB130661ZHE#23

Tot Ion: 98 Resp: 904856

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 53.774 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017727.D

Acq: 01 Aug 2020 02:08

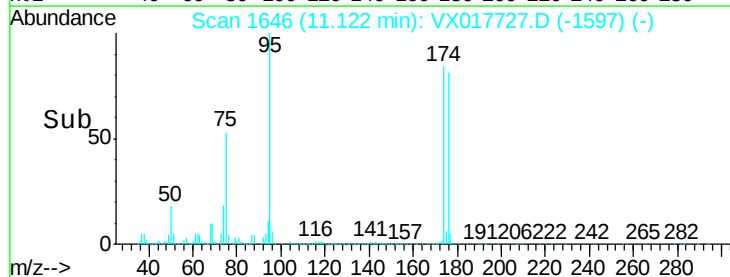
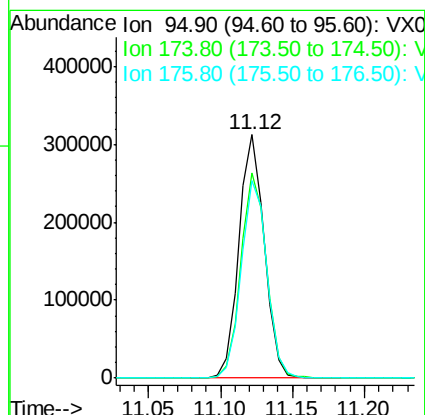
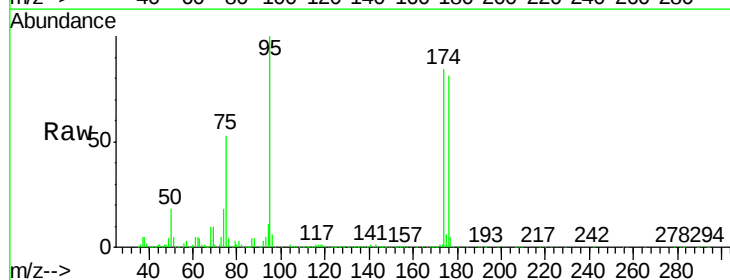
Tgt Ion: 95 Resp: 384598

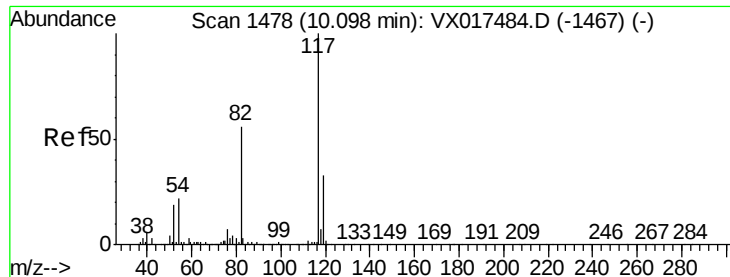
Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.0

176 81.5 0.0 161.0

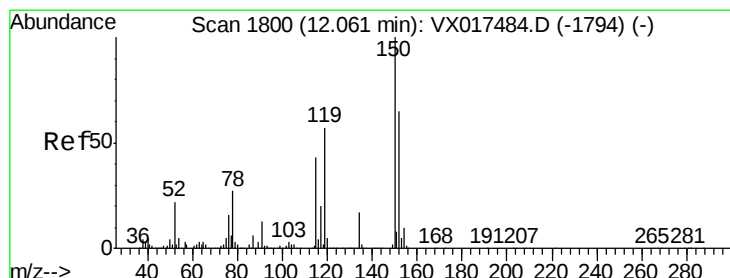
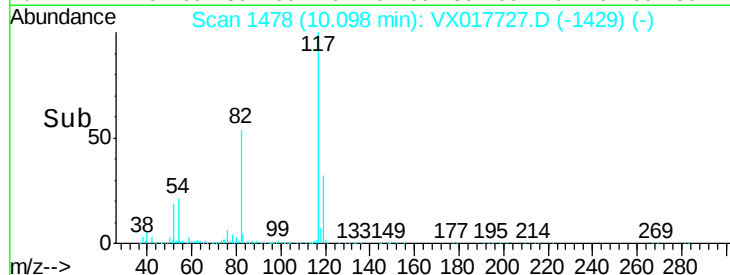
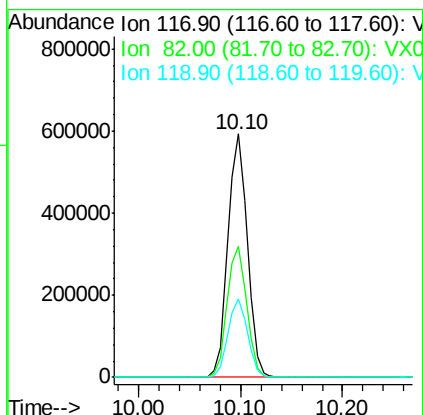
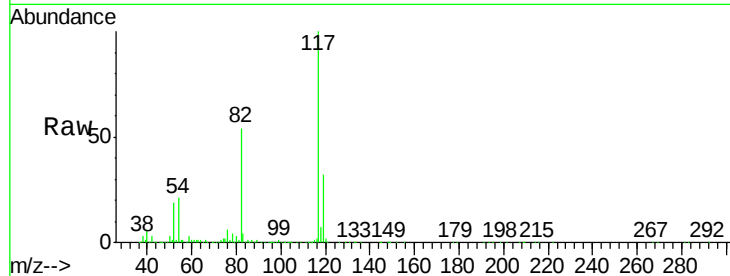




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017727.D
Acq: 01 Aug 2020 02:08

Instrument :
MSVOA_X
ClientSampleId :
PB130661ZHE#23

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.0	66.0
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017727.D
Acq: 01 Aug 2020 02:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	65.5	196.6#
150	156.8	0.0	412.6

