

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017065.D
 Acq On : 30 Jun 2020 23:59
 Operator : JC/SP
 Sample : PB129852ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852ZHE#01

Quant Time: Jul 01 08:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

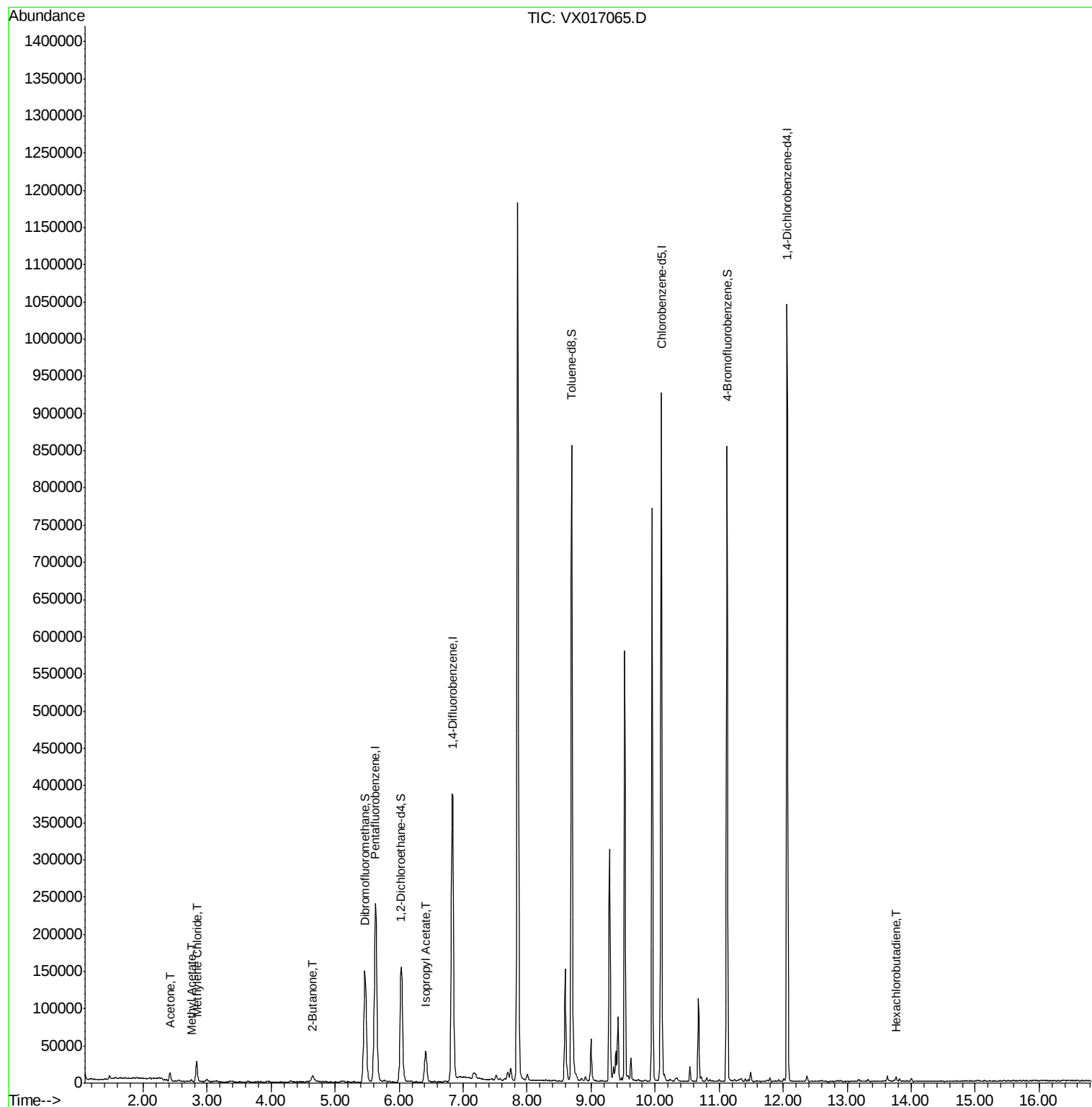
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	234054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	400808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150390	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
35) Dibromofluoromethane	5.47	113	131648	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	8.70	98	499140	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.12	95	206643	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.76%	
Target Compounds						
16) Acetone	2.42	43	11979	11.098	ug/l	95
18) Methyl Acetate	2.75	43	3275	1.162	ug/l #	90
20) Methylene Chloride	2.84	84	12676	4.407	ug/l	98
25) 2-Butanone	4.65	43	4919	2.735	ug/l #	88
43) Isopropyl Acetate	6.42	43	58832	9.212	ug/l	99
94) Hexachlorobutadiene	13.77	225	730	1.270	ug/l	95

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

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ClientSampleId :
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Quant Time: Jul 01 08:39:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

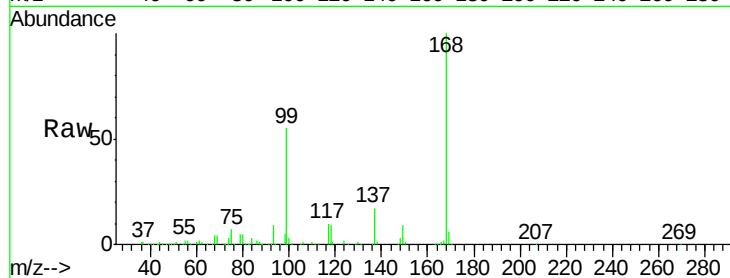
PB129852ZHE#01

Tot Ion:168 Resp: 234054

Ion Ratio Lower Upper

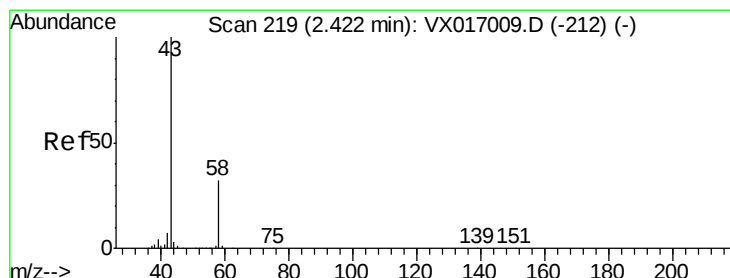
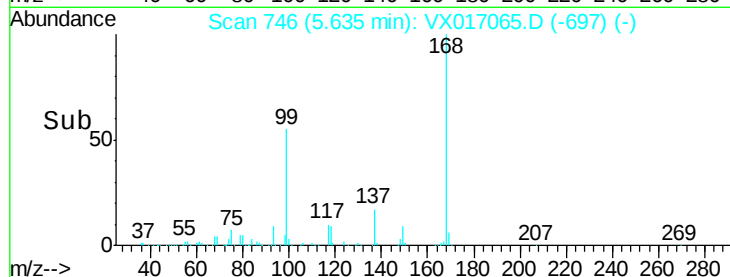
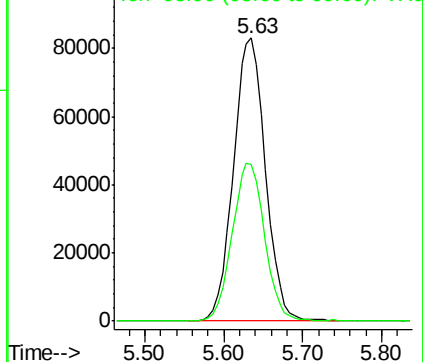
168 100

99 55.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.098 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017065.D

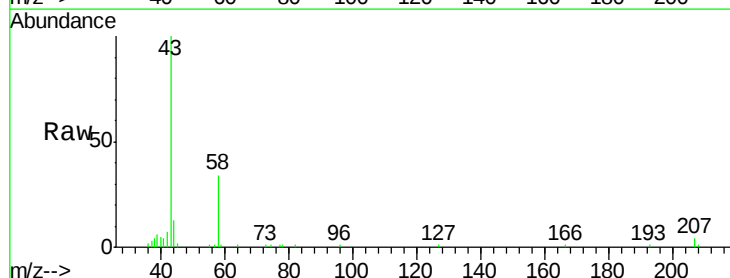
Acq: 30 Jun 2020 23:59

Tgt Ion: 43 Resp: 11979

Ion Ratio Lower Upper

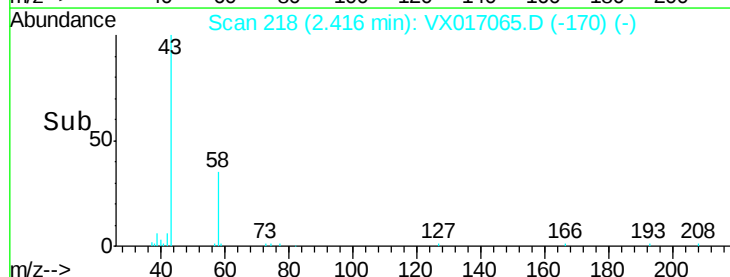
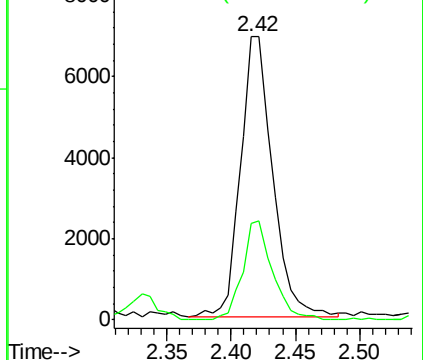
43 100

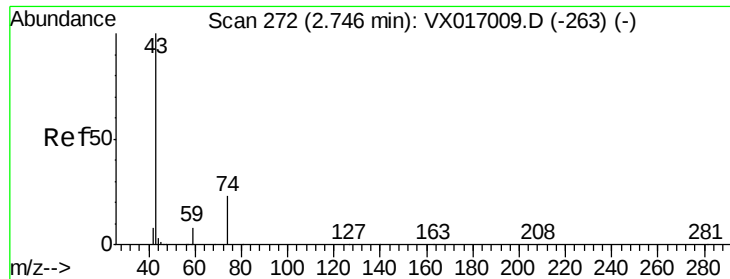
58 34.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

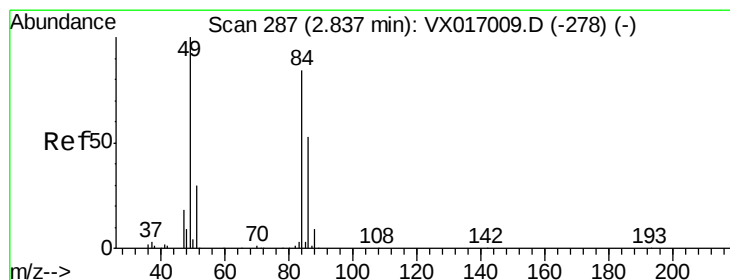
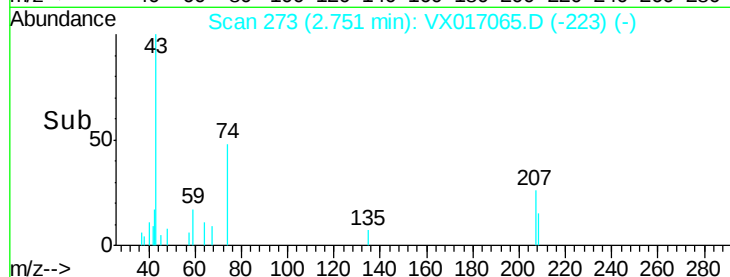
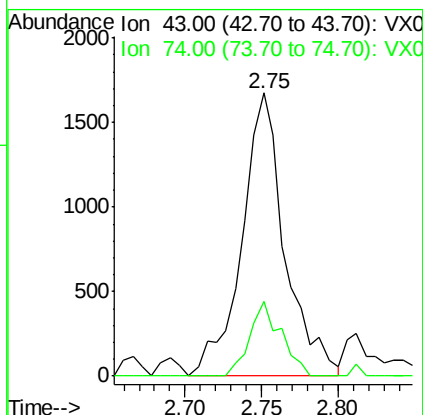
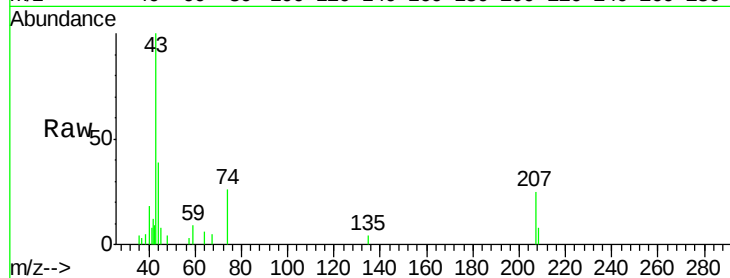




#18
Methvl Acetate
Concen: 1.162 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017065.D
Acq: 30 Jun 2020 23:59

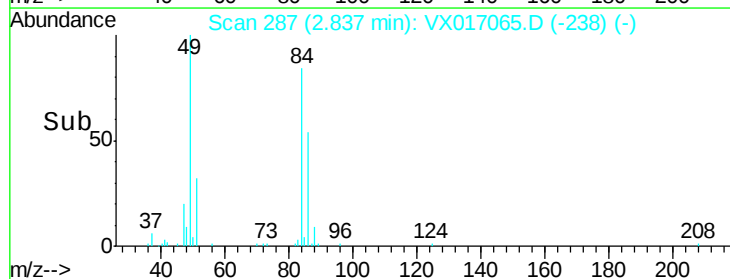
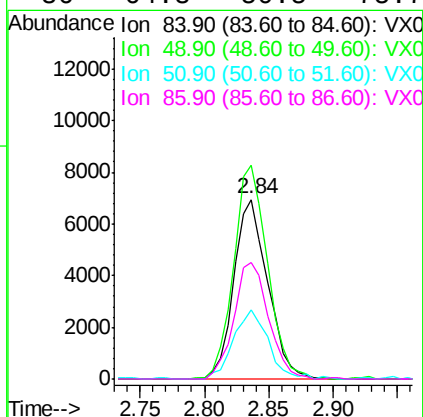
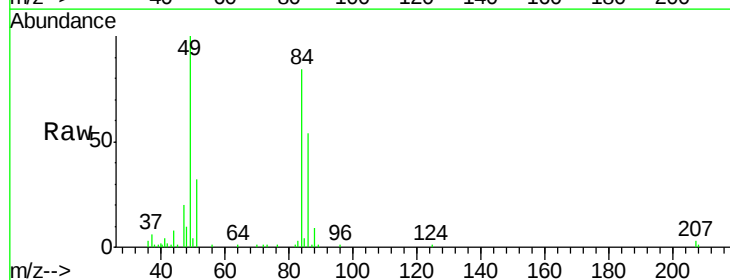
Instrument :
MSVOA_X
ClientSampleId :
PB129852ZHE#01

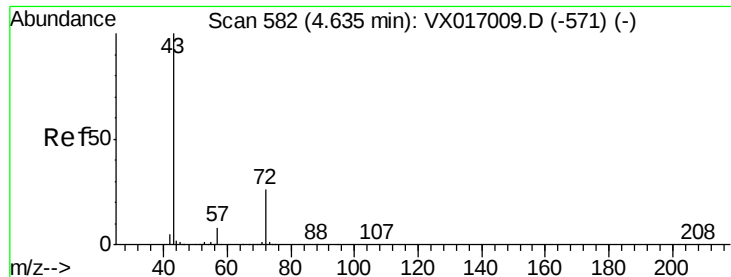
Tot Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
74 19.1 19.3 28.9#



#20
Methylene Chloride
Concen: 4.407 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017065.D
Acq: 30 Jun 2020 23:59

Tgt Ion: 84 Resp: 12676
Ion Ratio Lower Upper
84 100
49 119.2 94.7 142.1
51 38.7 28.6 42.8
86 64.8 50.5 75.7





#25

2-Butanone

Concen: 2.735 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

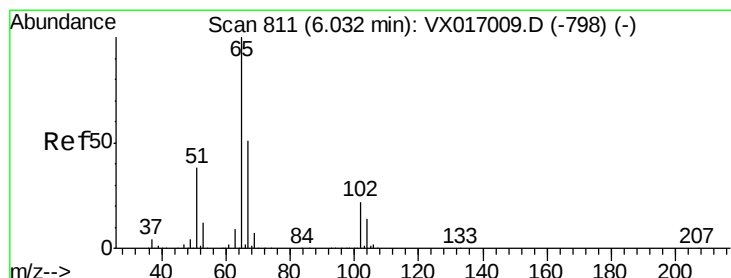
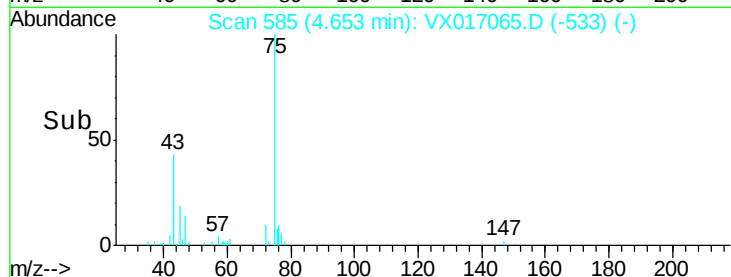
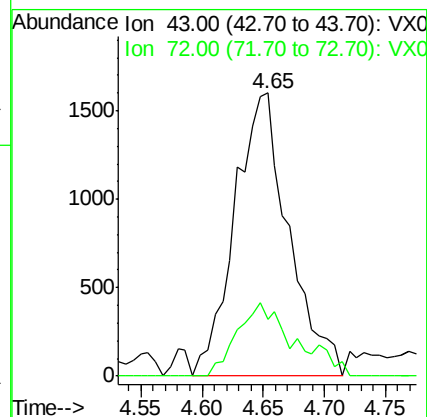
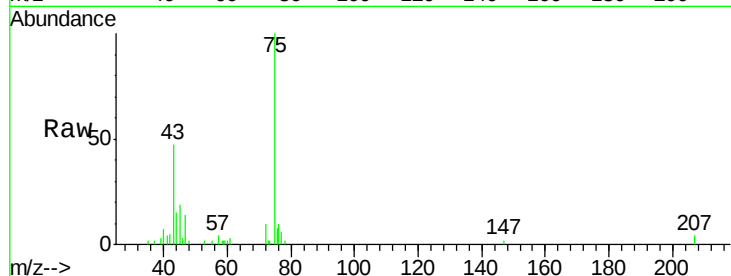
PB129852ZHE#01

Tot Ion: 43 Resp: 4919

Ion Ratio Lower Upper

43 100

72 20.1 20.8 31.2#



#33

1,2-Dichloroethane-d4

Concen: 52.121 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017065.D

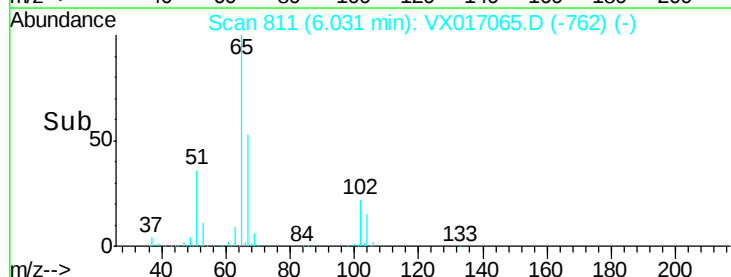
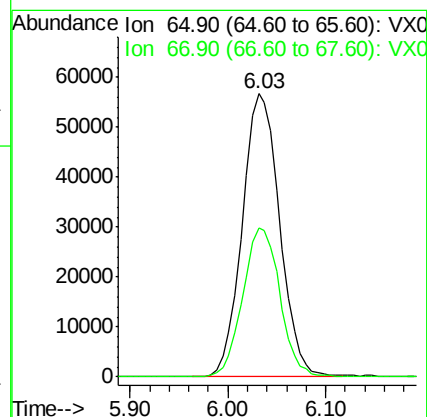
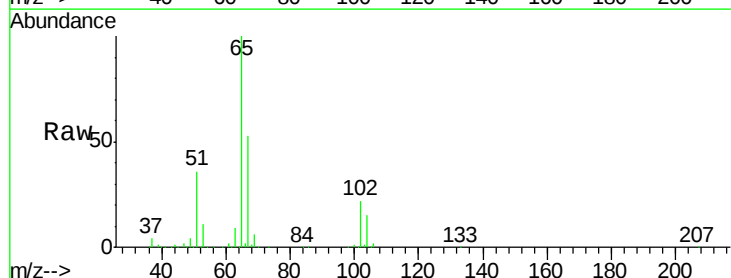
Acq: 30 Jun 2020 23:59

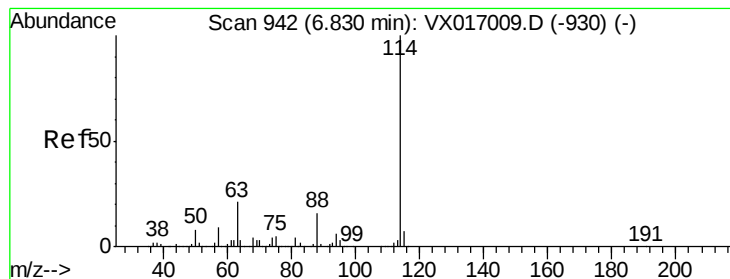
Tgt Ion: 65 Resp: 150390

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB129852ZHE#01

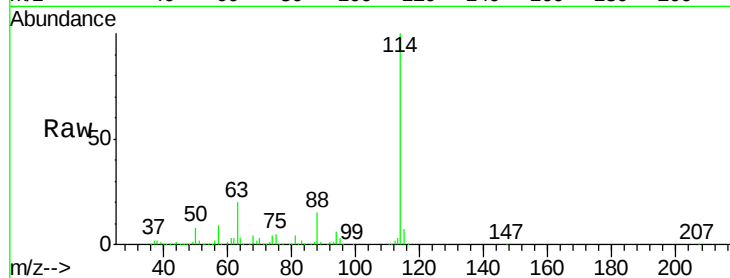
Tot Ion:114 Resp: 400808

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

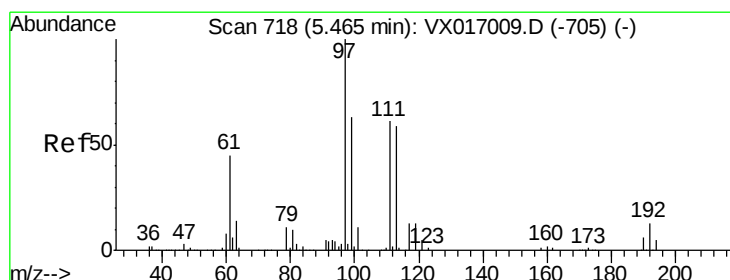
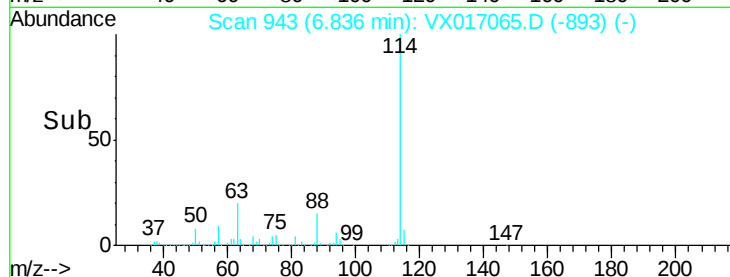
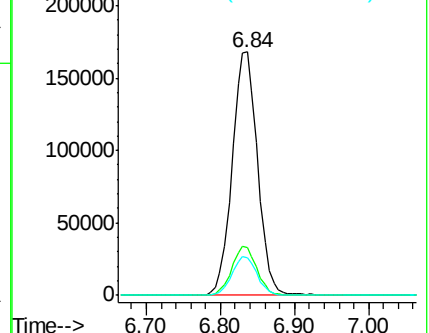
88 15.4 0.0 32.4



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: 51.924 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

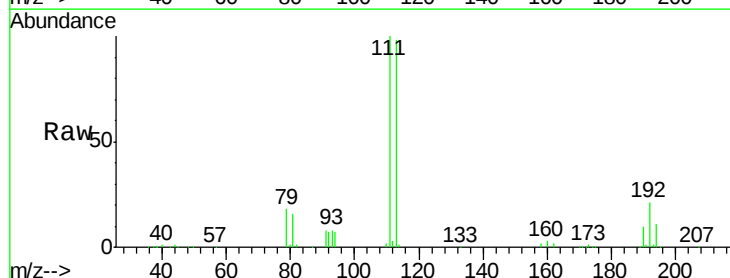
Tgt Ion:113 Resp: 131648

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

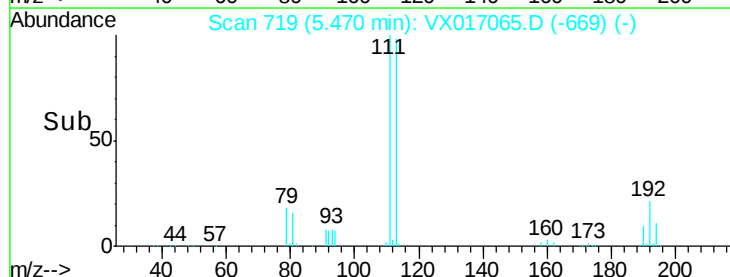
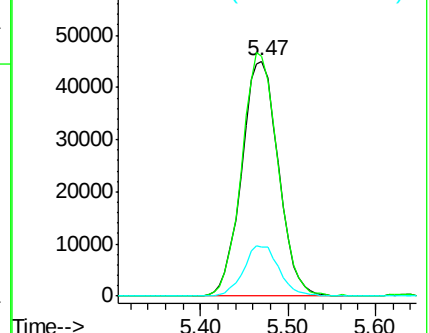
192 20.7 16.7 25.1

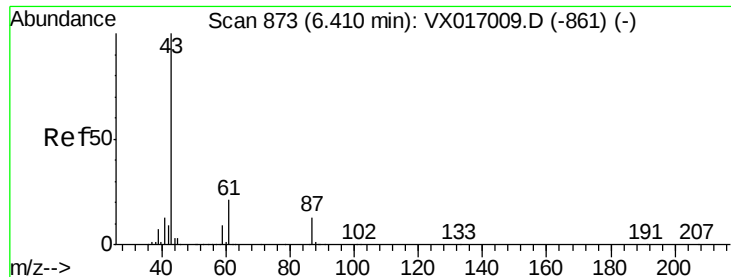


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.212 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB129852ZHE#01

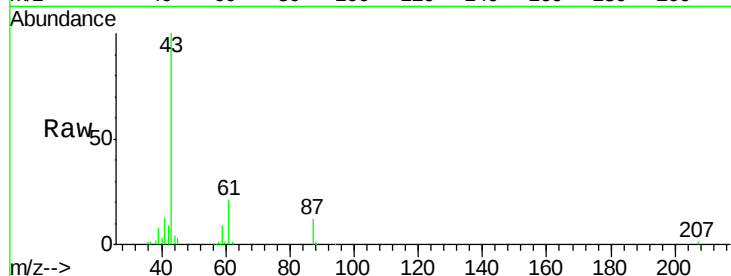
Tot Ion: 43 Resp: 58832

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.2

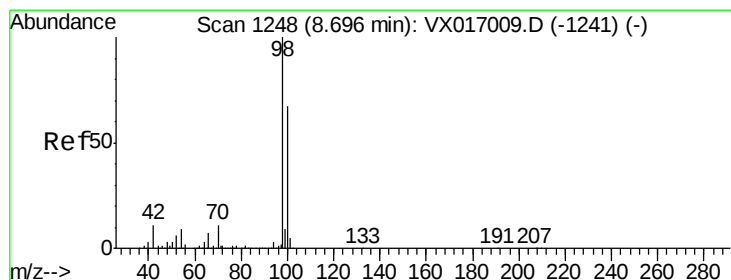
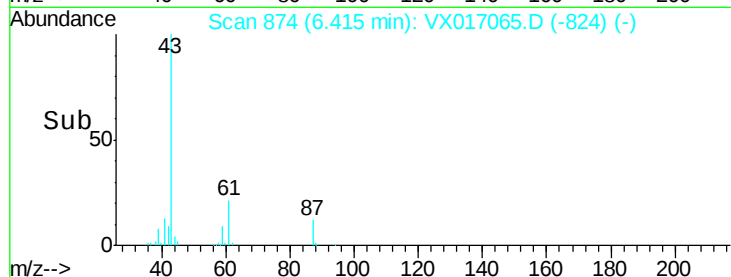
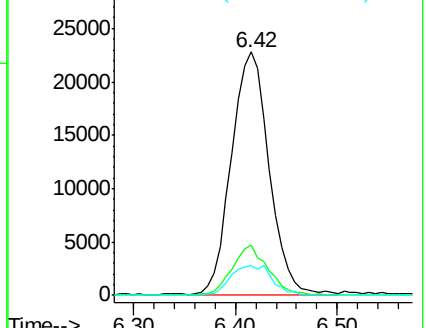
87 13.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 53.240 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017065.D

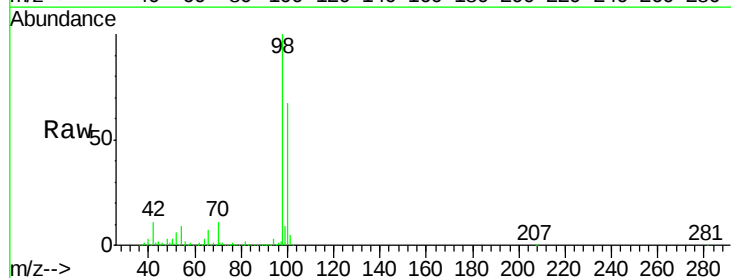
Acq: 30 Jun 2020 23:59

Tgt Ion: 98 Resp: 499140

Ion Ratio Lower Upper

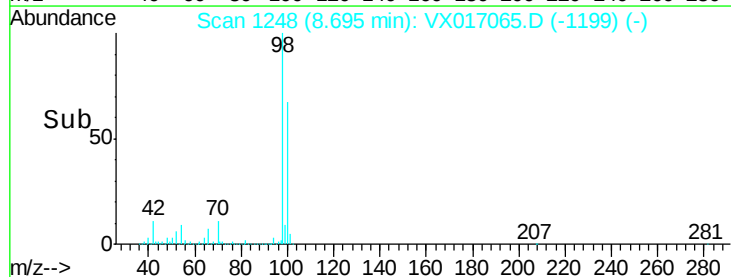
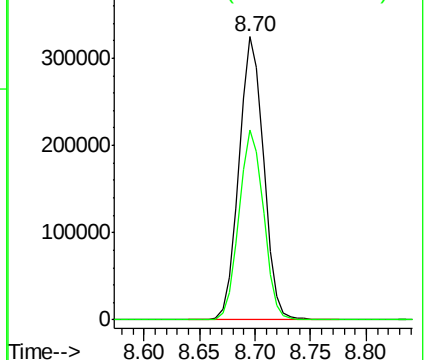
98 100

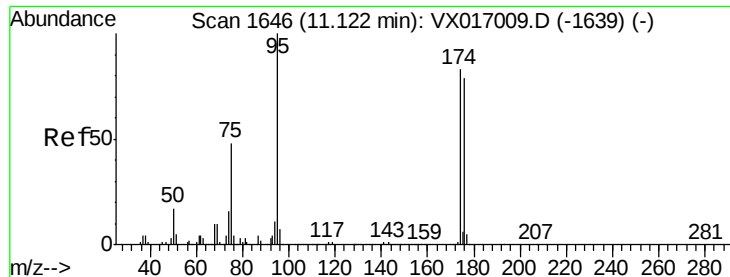
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.384 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB129852ZHE#01

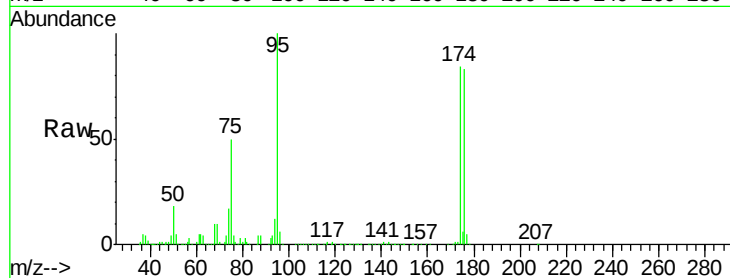
Tot Ion: 95 Resp: 206643

Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.0

176 80.8 0.0 157.6

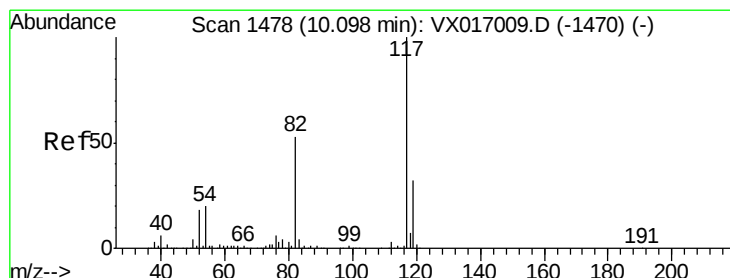
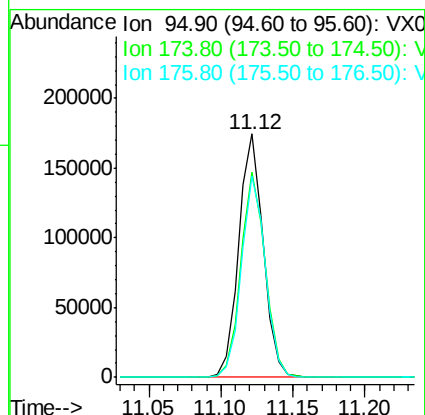
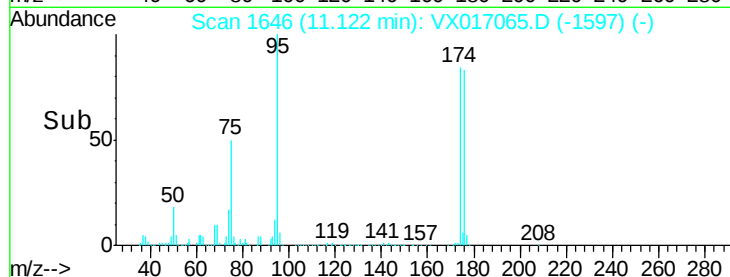


Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

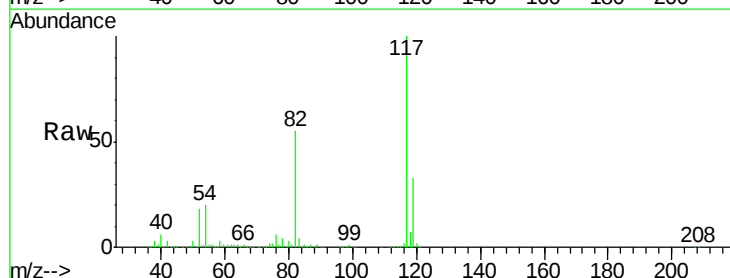
Tgt Ion: 117 Resp: 424327

Ion Ratio Lower Upper

117 100

82 54.7 42.6 63.8

119 32.9 25.4 38.2

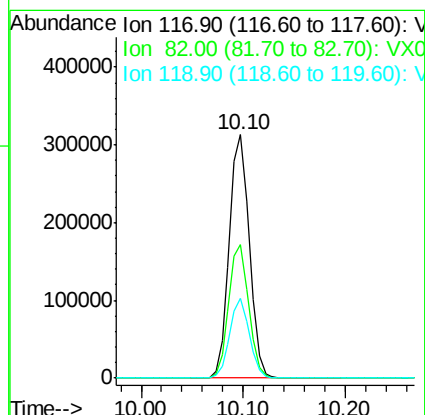
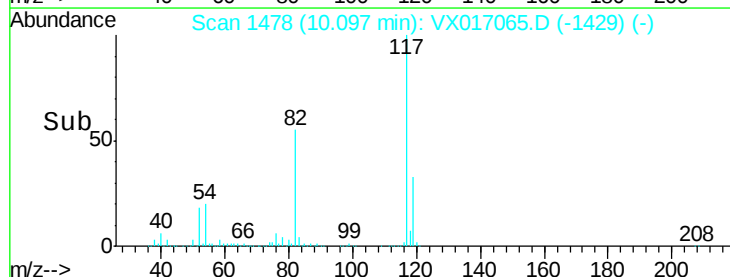


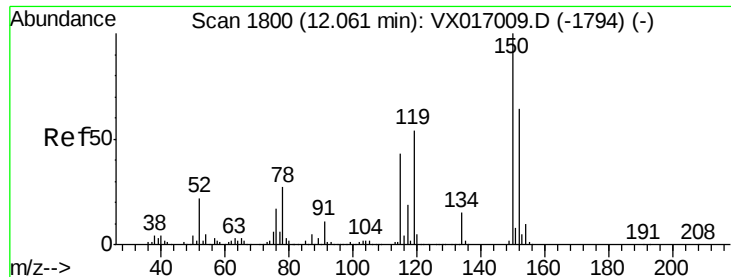
Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

PB129852ZHE#01

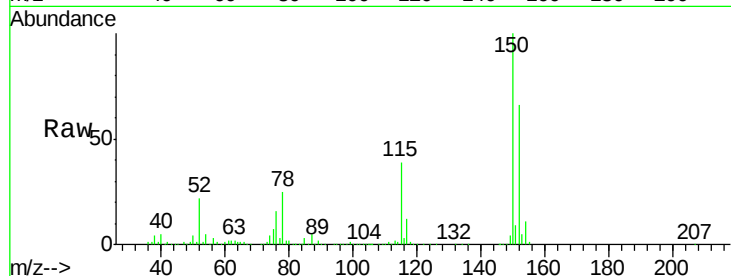
Tot Ion:152 Resp: 212914

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

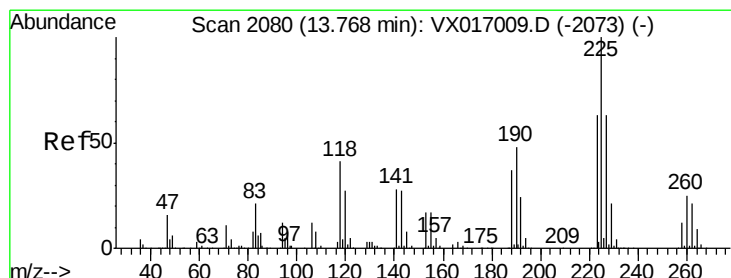
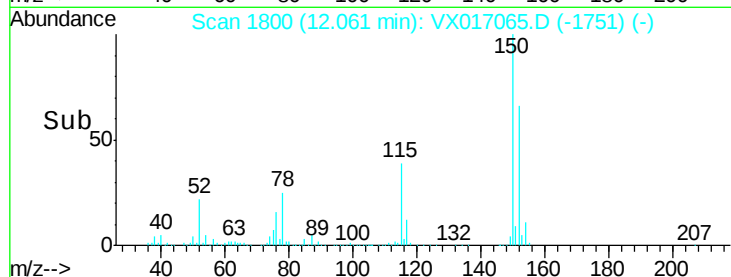
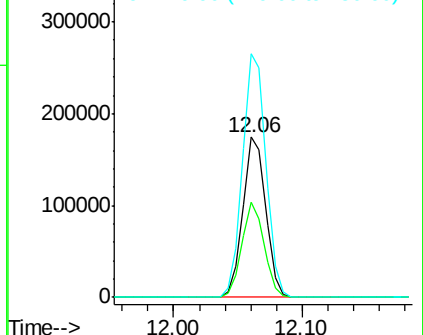
150 154.5 0.0 351.6



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



#94

Hexachlorobutadiene

Concen: 1.270 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017065.D

Acq: 30 Jun 2020 23:59

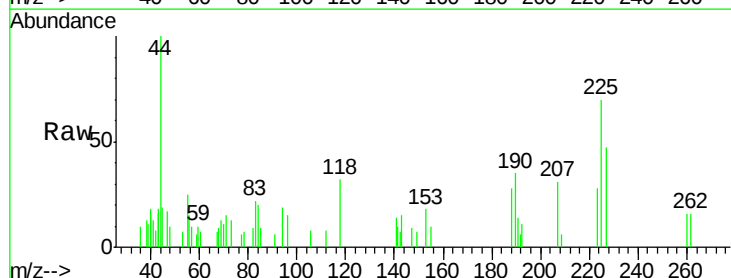
Tgt Ion:225 Resp: 730

Ion Ratio Lower Upper

225 100

223 66.4 32.5 97.5

227 60.1 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

