

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003949.D
 Acq On : 09 Aug 2018 14:39
 Operator : JC/MD
 Sample : J4387-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0557

Quant Time: Aug 10 01:03:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.67
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-6.86
63) Chlorobenzene-d5	9.95	117	442840	50.00	ug/l	-0.17
72) 1,4-Dichlorobenzene-d4	12.04	152	246217	50.00	ug/l	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
35) Dibromofluoromethane	5.58	113	14824	0.00	ug/l	0.08
Spiked Amount						
			Recovery	=	0.00%	
50) Toluene-d8	8.70	98	102	0.00	ug/l	-0.02
Spiked Amount						
			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.06	95	234693	0.00	ug/l	-0.08
Spiked Amount						
			Recovery	=	0.00%	

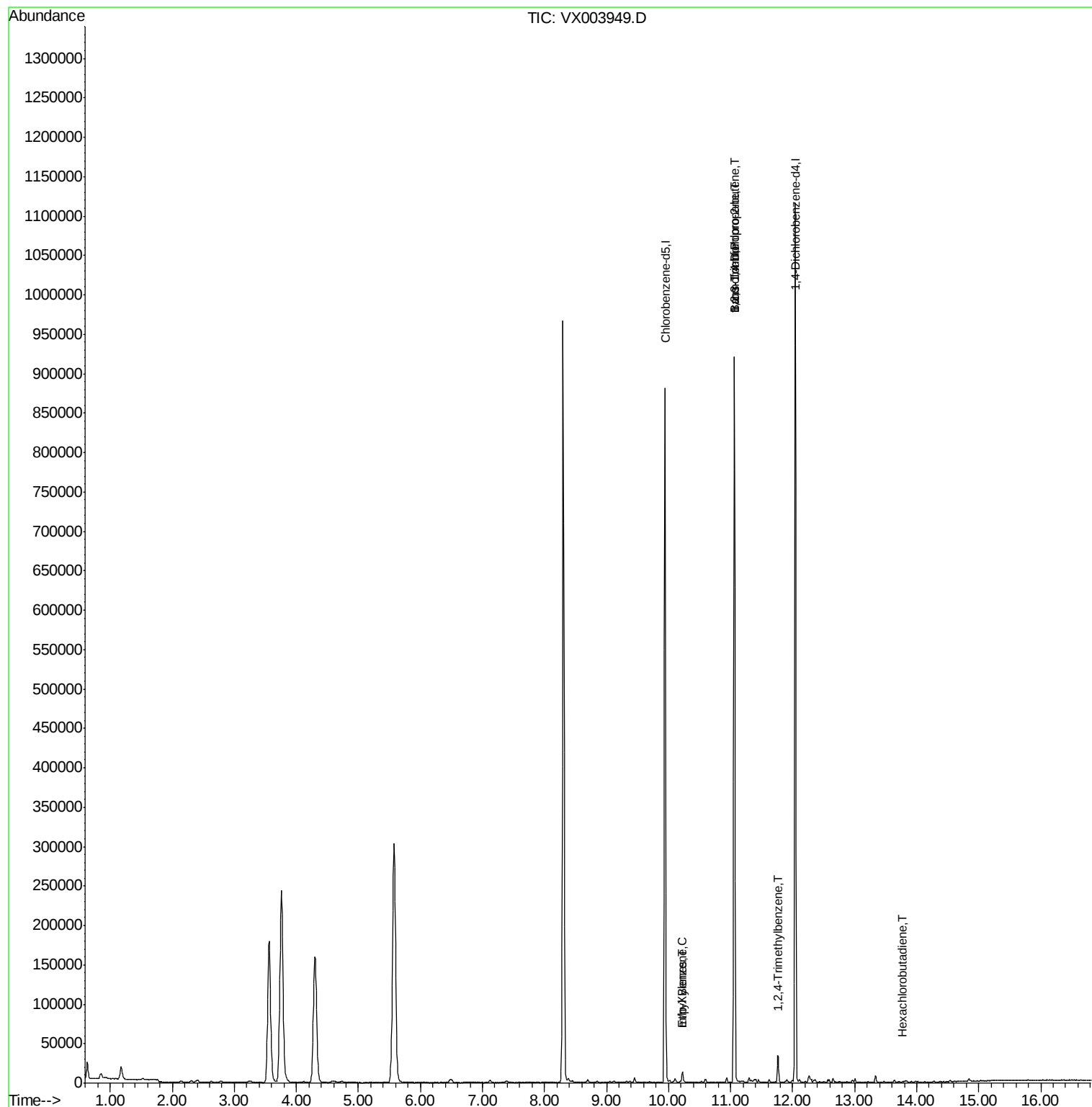
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.22	91	6399	0.34	ug/l	# 67
68) m/p-Xylenes	10.23	106	3250	0.44	ug/l	96
71) Bromoform	11.06	173	1869	3.44	ug/l	# 1
76) 1,2,3-Trichloropropane	11.06	75	111864	20.57	ug/l	# 36
81) trans-1,4-Dichloro-2-buten	11.06	75	111864	55.69	ug/l	# 9
84) 1,2,4-Trimethylbenzene	11.76	105	15390	1.03	ug/l	99
88) 1,4-Dichlorobenzene	11.99	146	604	Below	Cal	87
94) Hexachlorobutadiene	13.78	225	288	0.53	ug/l	87

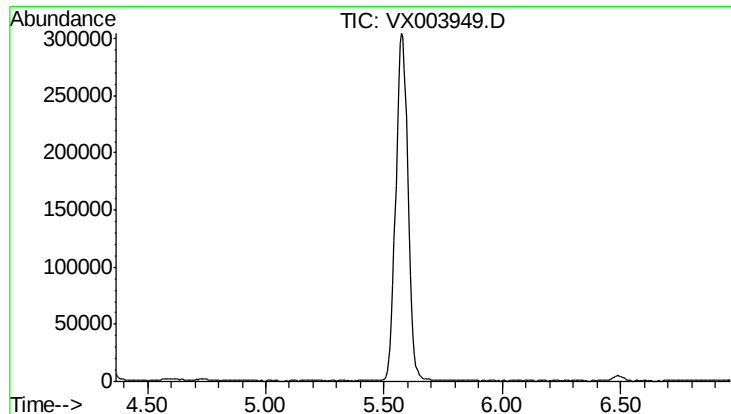
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 10 01:03:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.67 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

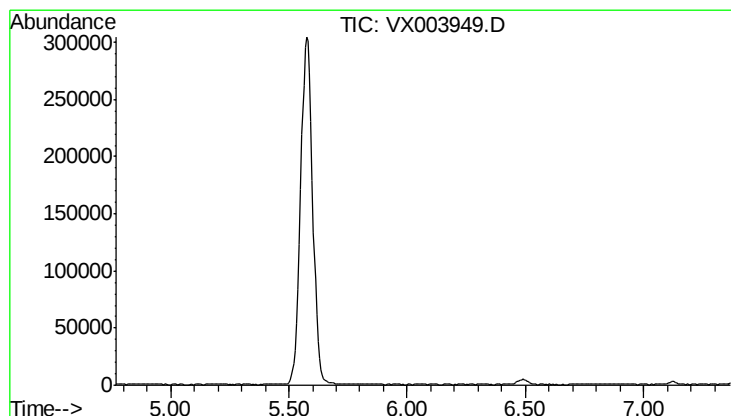
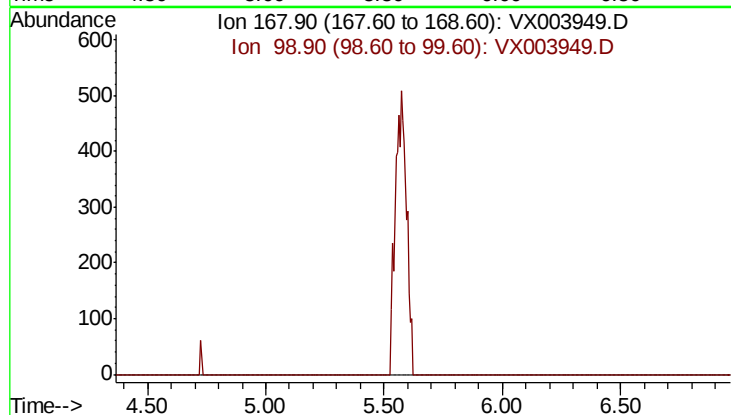
FL-0557

Tot Ion: 168

Sig Exp Ratio

168 100

99 50.1



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003949.D

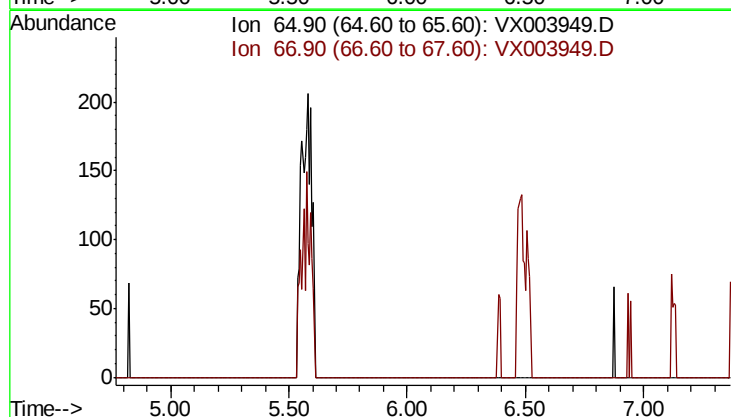
Acq: 09 Aug 2018 14:39

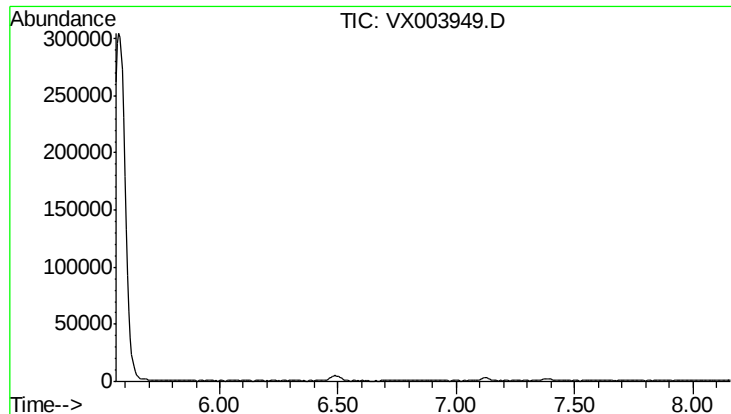
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.9





#34

1,4-Difluorobenzene

Concen: 0.00 ug/l

Expected RT: 6.86 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0557

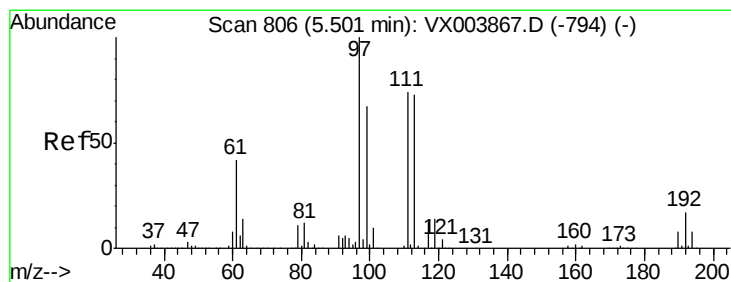
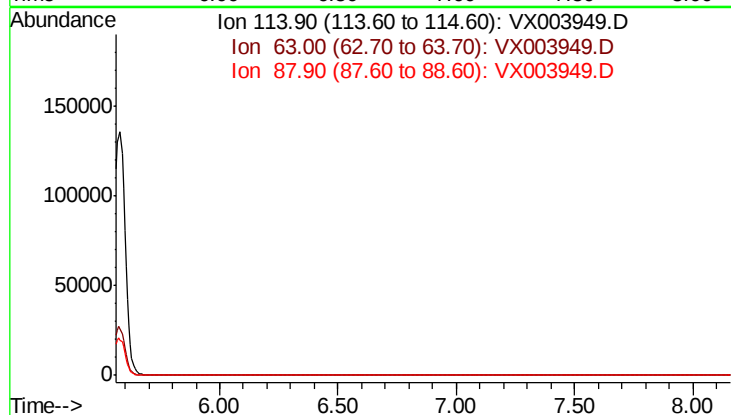
Tot Ion: 114

Sig Exp Ratio

114 100

63 19.5

88 16.0



#35

Dibromofluoromethane

Concen: 0.00 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.08 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

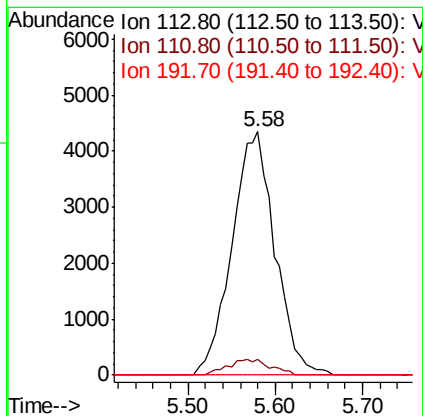
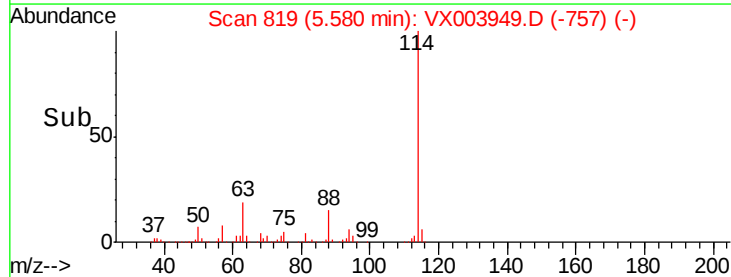
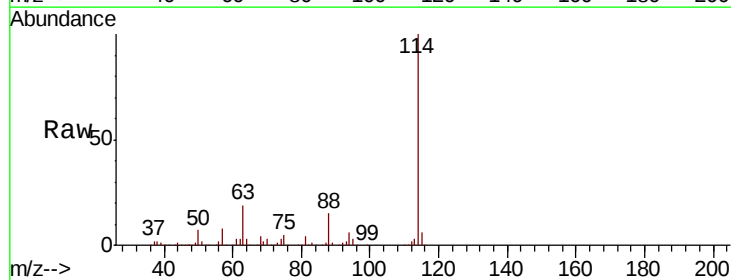
Tgt Ion:113 Resp: 14824

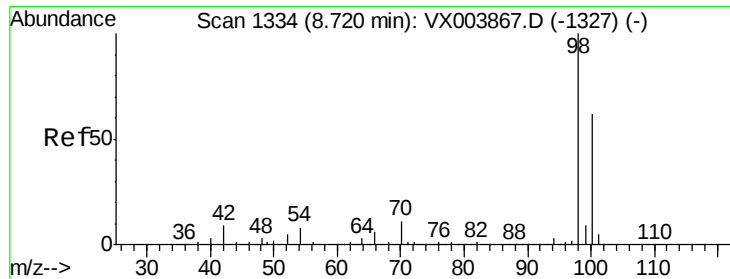
Ion Ratio Lower Upper

113 100

111 6.5 82.0 123.0#

192 0.0 19.0 28.4#





#50

Toluene-d8

Concen: 0.00 ug/l

RT: 8.70 min Scan# 1331

Delta R.T. -0.02 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

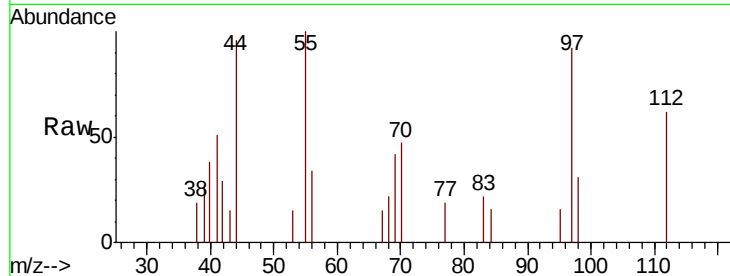
FL-0557

Tot Ion: 98 Resp: 102

Ion Ratio Lower Upper

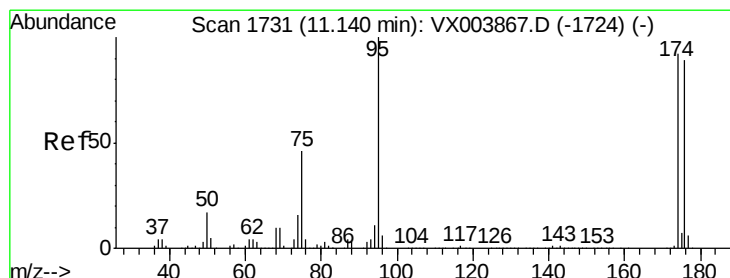
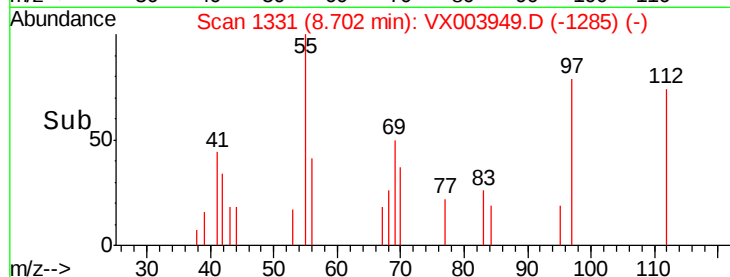
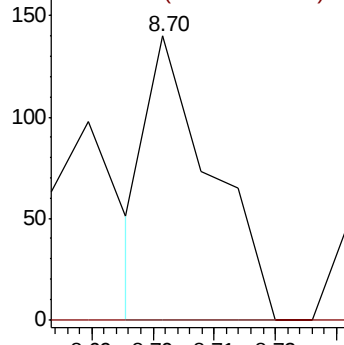
98 100

100 0.0 53.3 79.9#



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

RT: 11.06 min Scan# 1718

Delta R.T. -0.08 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

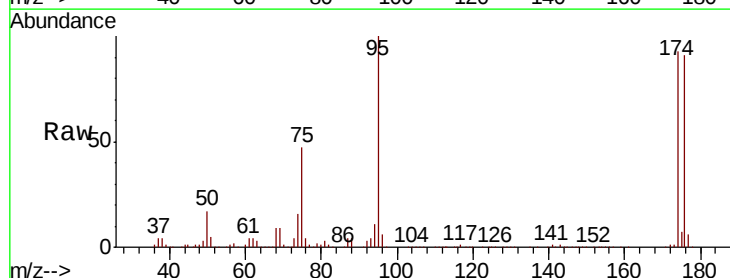
Tgt Ion: 95 Resp: 234693

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

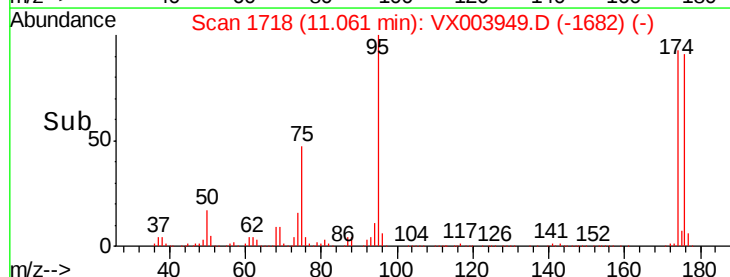
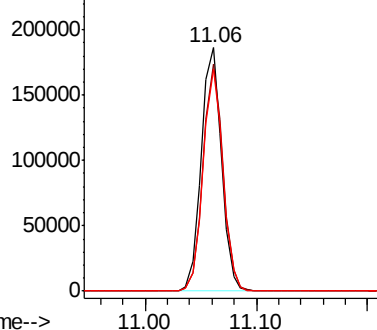
176 89.4 0.0 179.0

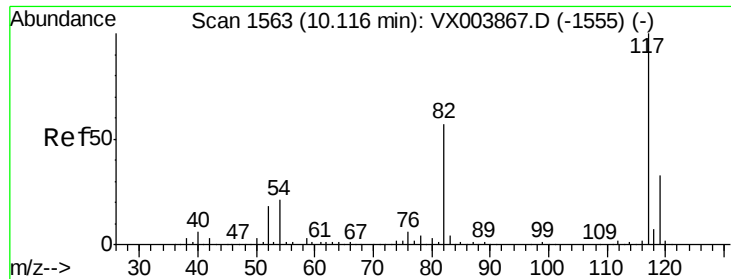


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.95 min Scan# 1535

Delta R.T. -0.17 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0557

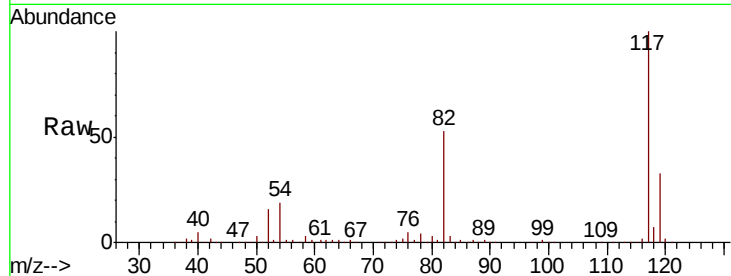
Tot Ion:117 Resp: 442840

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

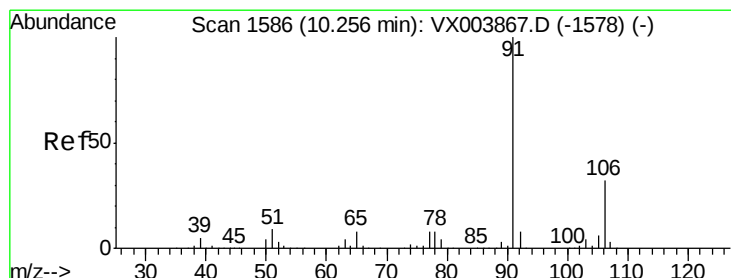
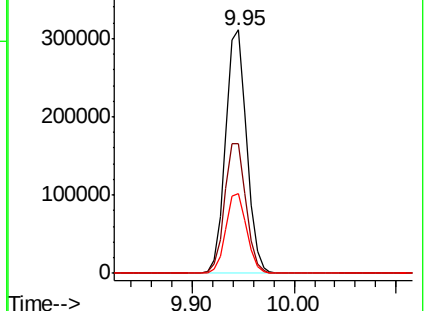
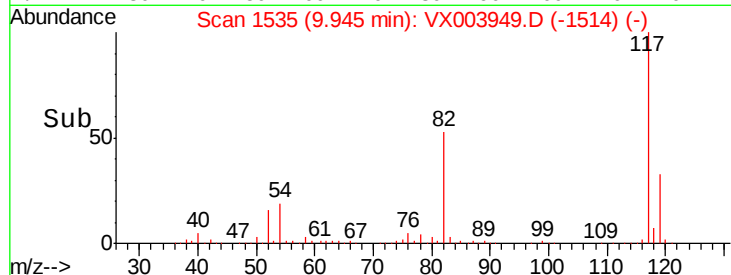
119 32.5 26.6 40.0



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



#67

Ethyl Benzene

Concen: 0.34 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.04 min

Lab File: VX003949.D

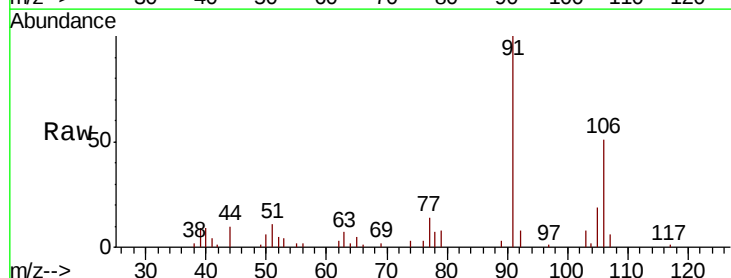
Acq: 09 Aug 2018 14:39

Tgt Ion: 91 Resp: 6399

Ion Ratio Lower Upper

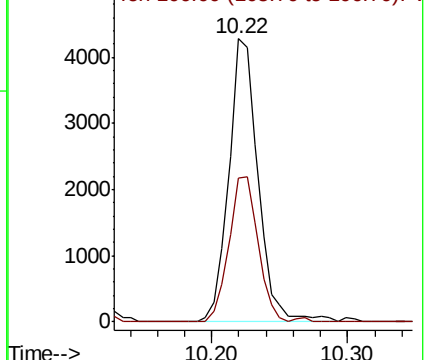
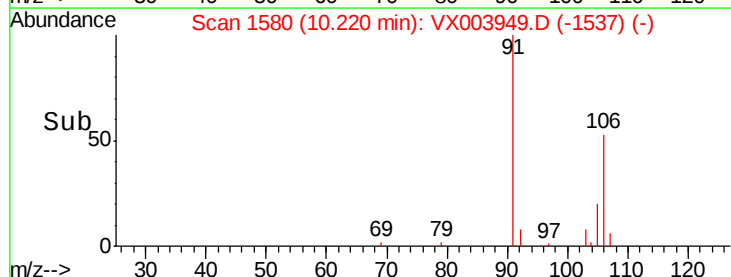
91 100

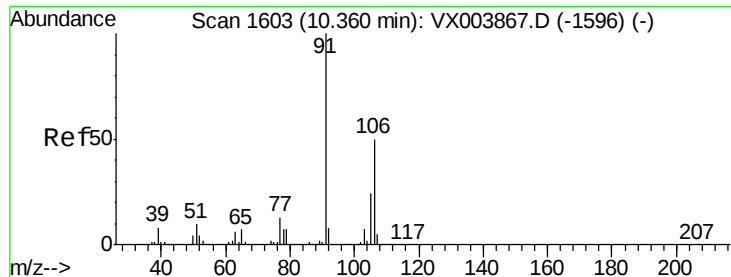
106 50.9 25.9 38.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 0.44 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.13 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

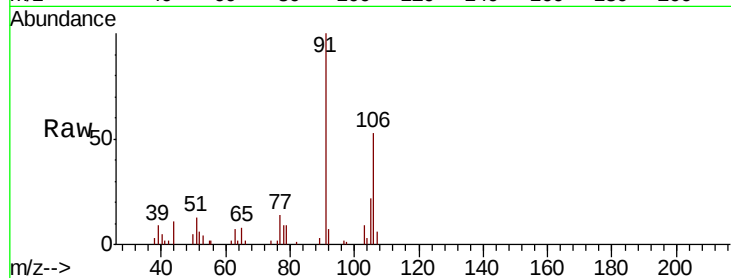
FL-0557

Tot Ion:106 Resp: 3250

Ion Ratio Lower Upper

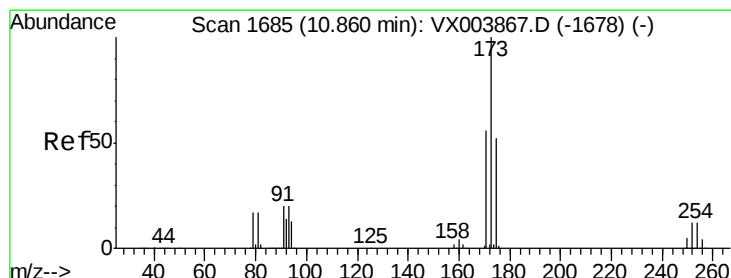
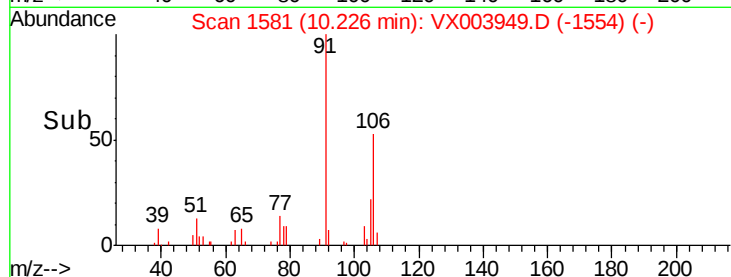
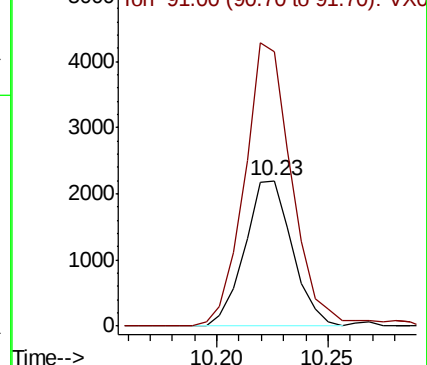
106 100

91 196.9 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#71

Bromoform

Concen: 3.44 ug/l

RT: 11.06 min Scan# 1718

Delta R.T. 0.20 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

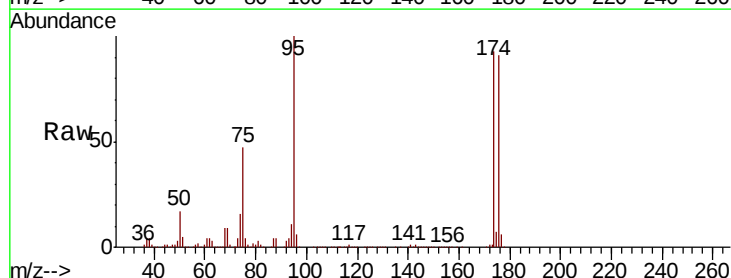
Tgt Ion:173 Resp: 1869

Ion Ratio Lower Upper

173 100

175 828.9 24.9 74.7#

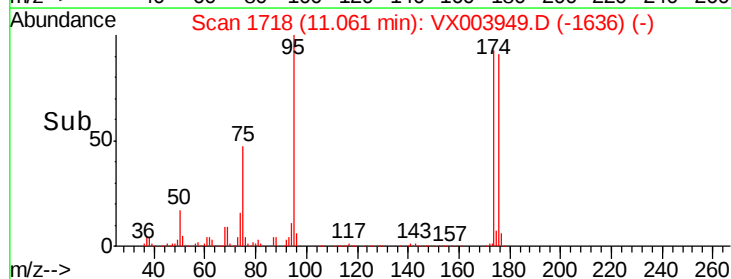
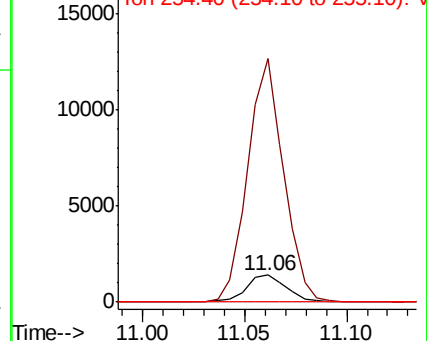
254 0.0 0.2 0.2#

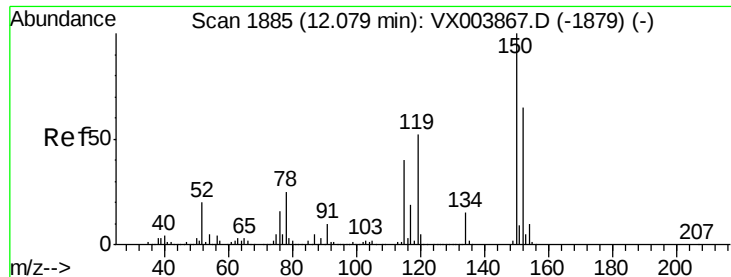


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



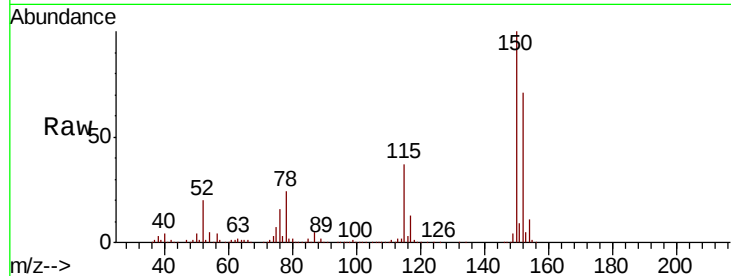


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.04 min Scan# 1879
Delta R.T. -0.04 min
Lab File: VX003949.D
Acq: 09 Aug 2018 14:39

Instrument :
MSVOA_X
ClientSampleId :
FL-0557

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	39.1	117.3
150	148.4	0.0	349.2

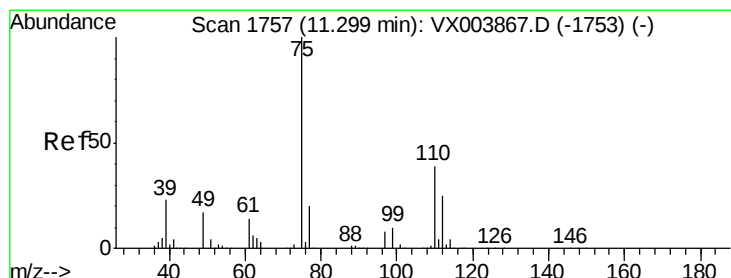
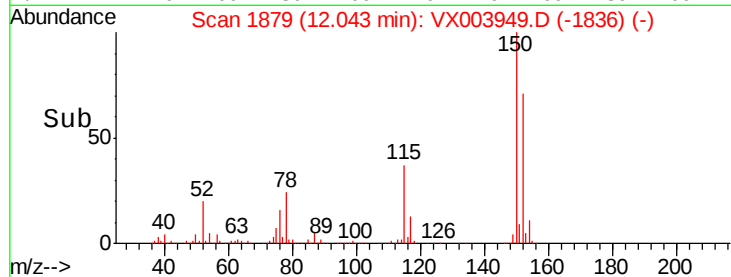
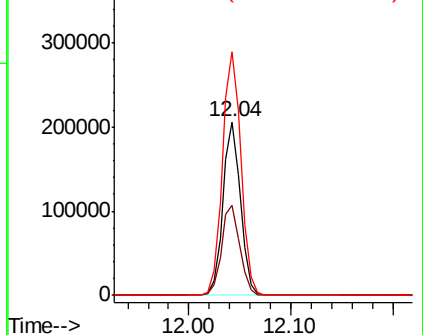


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

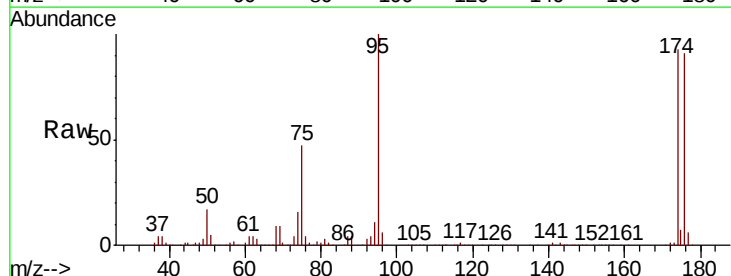
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 20.57 ug/l
RT: 11.06 min Scan# 1718
Delta R.T. -0.24 min
Lab File: VX003949.D
Acq: 09 Aug 2018 14:39

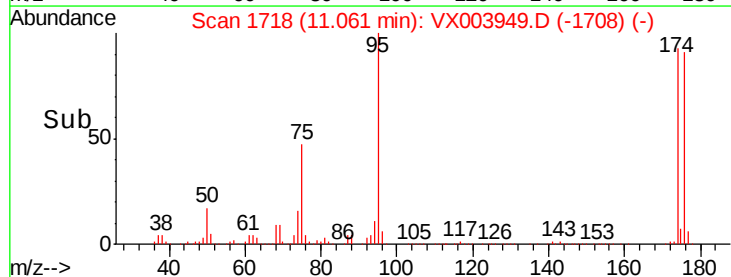
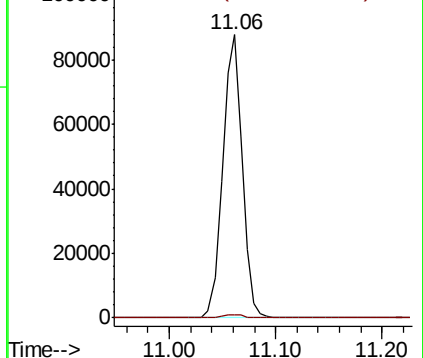
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.5#

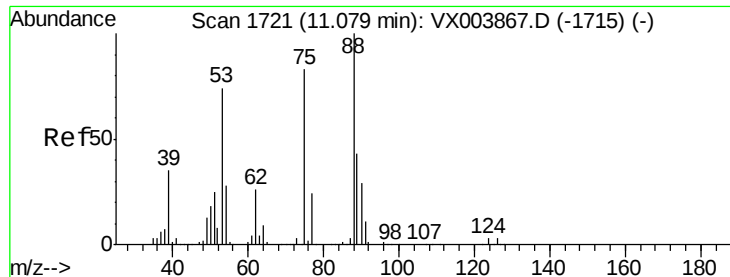


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.69 ug/l

RT: 11.06 min Scan# 1718

Delta R.T. -0.02 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

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ClientSampleId :

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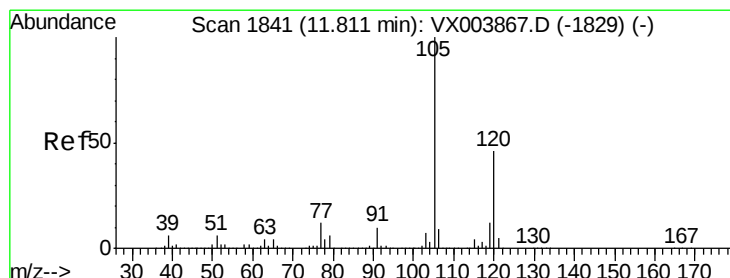
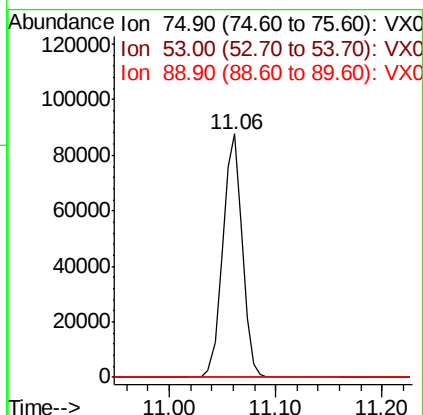
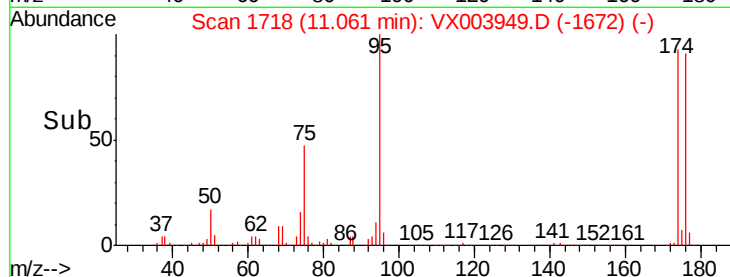
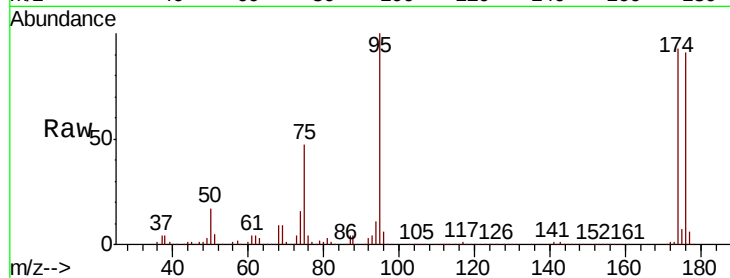
Tot Ion: 75 Resp: 111864

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

89 0.0 37.8 56.8#



#84

1,2,4-Trimethylbenzene

Concen: 1.03 ug/l

RT: 11.76 min Scan# 1833

Delta R.T. -0.05 min

Lab File: VX003949.D

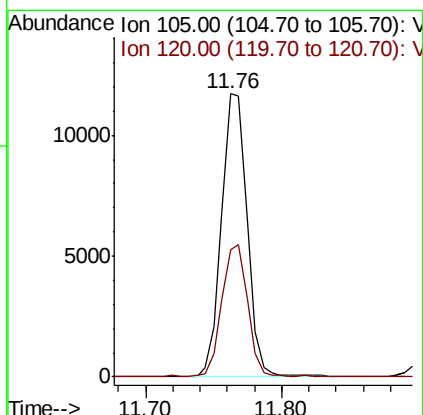
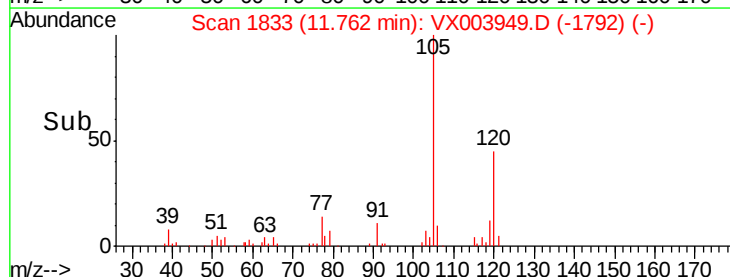
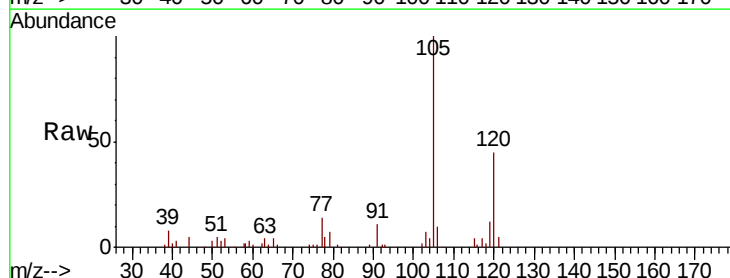
Acq: 09 Aug 2018 14:39

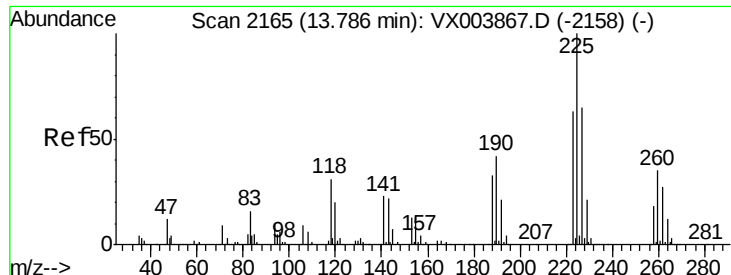
Tgt Ion:105 Resp: 15390

Ion Ratio Lower Upper

105 100

120 46.7 23.1 69.2





#94

Hexachlorobutadiene

Concen: 0.53 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VX003949.D

Acq: 09 Aug 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

FL-0557

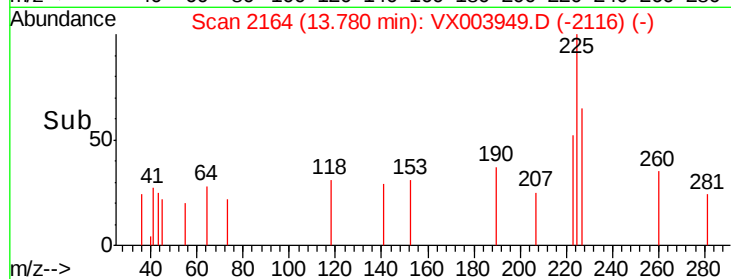
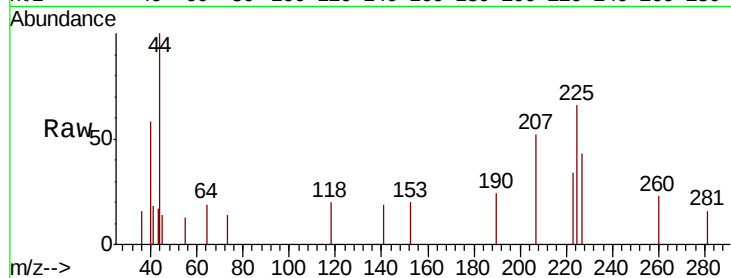
Tot Ion: 225 Resp: 288

Ion Ratio Lower Upper

225 100

223 66.3 31.4 94.0

227 48.3 32.1 96.5



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

