

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012920.D
 Acq On : 09 Oct 2019 04:18
 Operator : JC/SP
 Sample : K5154-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Quant Time: Oct 09 07:49:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

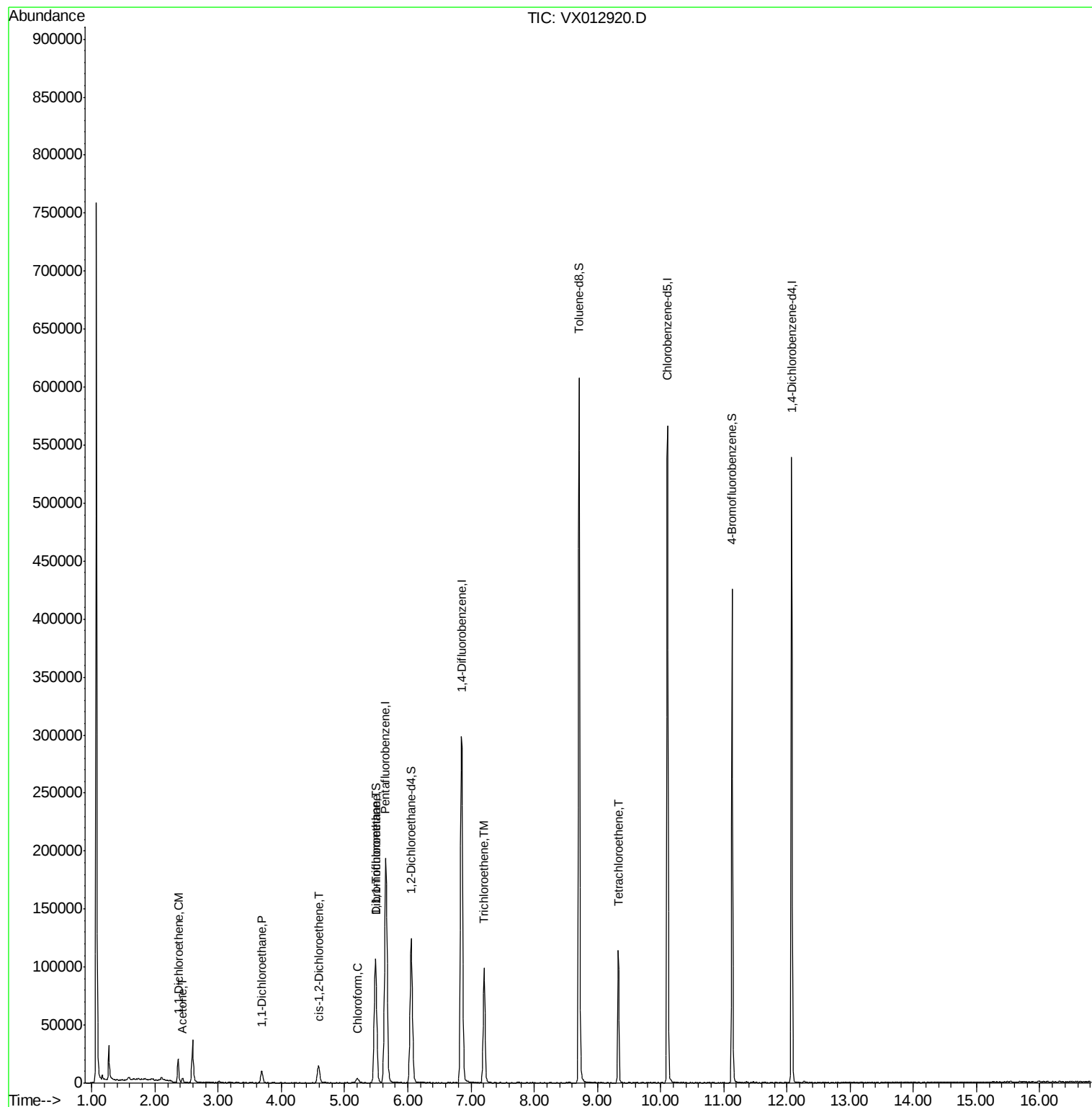
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118744	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	5.49	113	90217	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.71	98	356399	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.14	95	122185	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	6861	3.792	ug/l	84
16) Acetone	2.44	43	4322	3.664	ug/l	89
24) 1,1-Dichloroethane	3.69	63	11346	3.267	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	9356	4.186	ug/l	89
30) Chloroform	5.21	83	4923	1.381	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	2638	0.874	ug/l #	46
44) Trichloroethene	7.21	130	38022	17.333	ug/l	88
64) Tetrachloroethene	9.33	164	21345	11.805	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

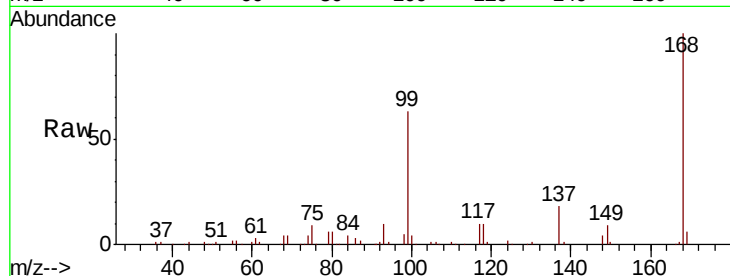
MW-101S

Tot Ion:168 Resp: 179034

Ion Ratio Lower Upper

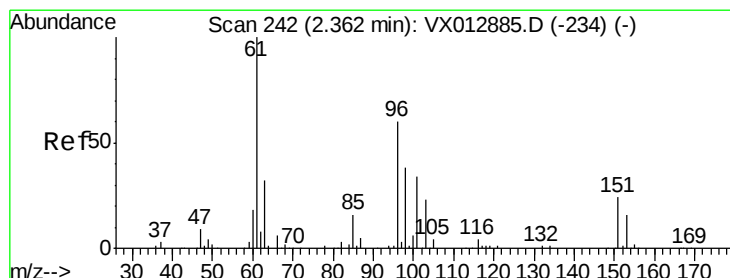
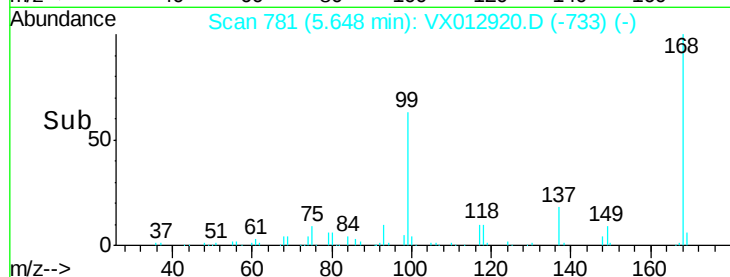
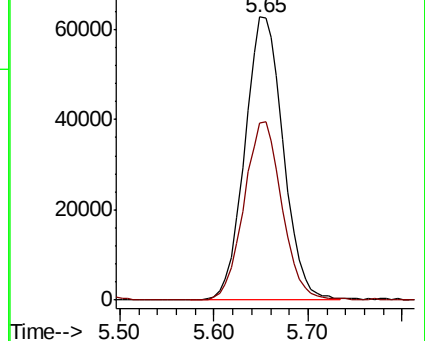
168 100

99 62.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 3.792 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

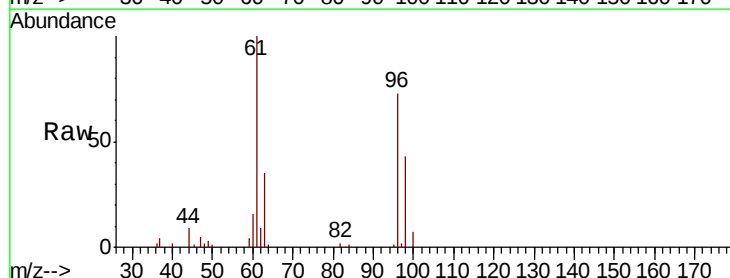
Tgt Ion: 96 Resp: 6861

Ion Ratio Lower Upper

96 100

61 137.8 132.2 198.4

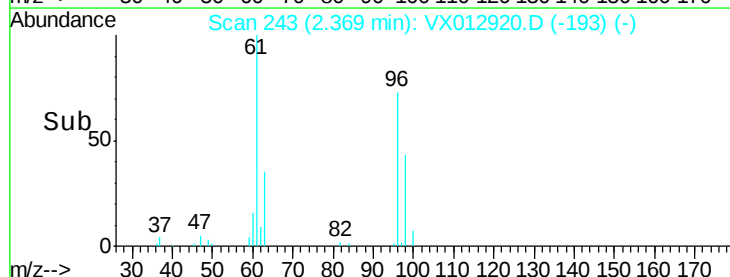
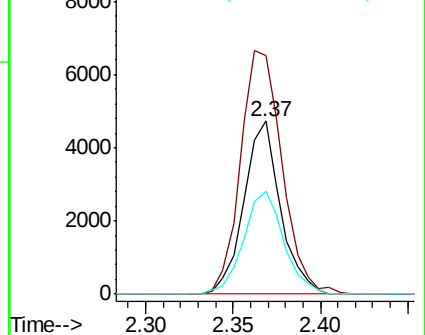
98 59.1 50.5 75.7

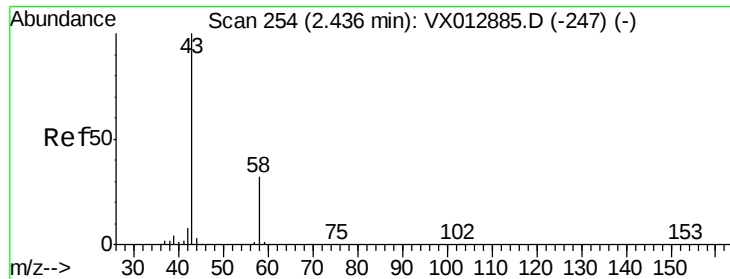


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 3.664 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

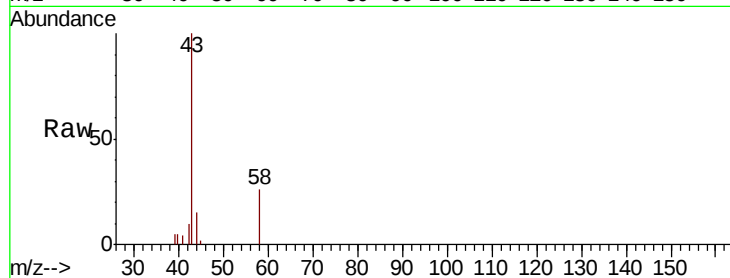
MW-101S

Tot Ion: 43 Resp: 4322

Ion Ratio Lower Upper

43 100

58 25.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

1500

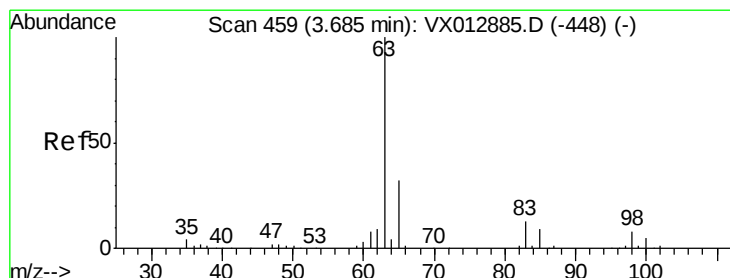
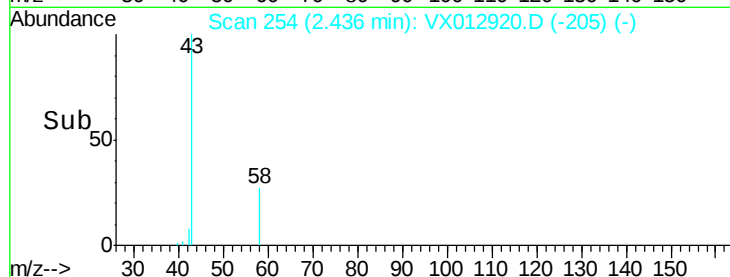
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#24

1,1-Dichloroethane

Concen: 3.267 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

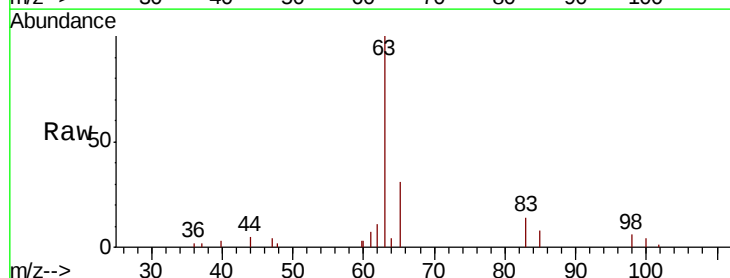
Tgt Ion: 63 Resp: 11346

Ion Ratio Lower Upper

63 100

98 5.6 3.9 11.5

100 3.8 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

6000

5000

4000

3000

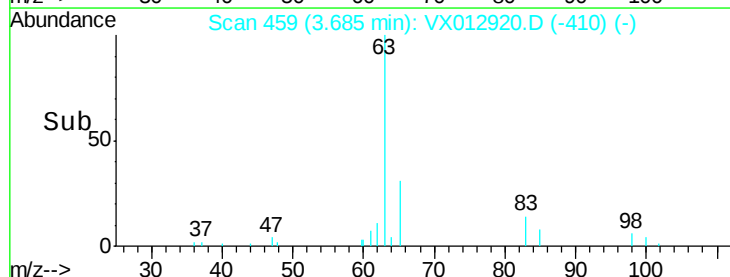
2000

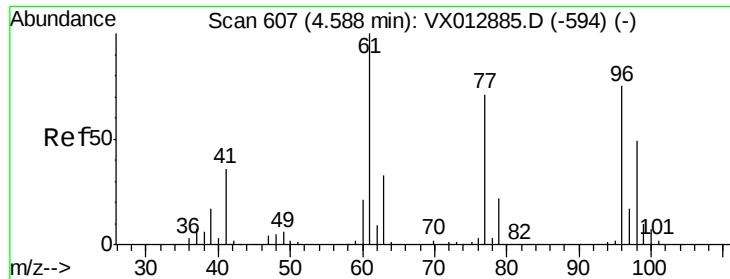
1000

0

Time-->

3.60 3.65 3.70 3.75 3.80



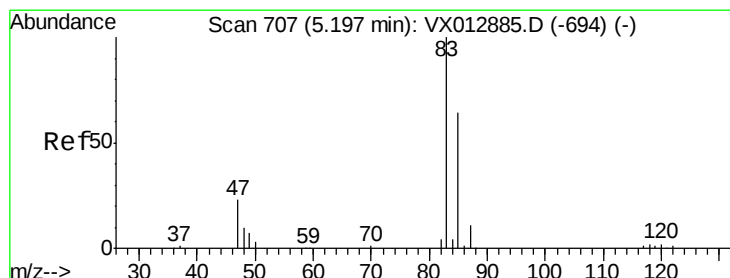
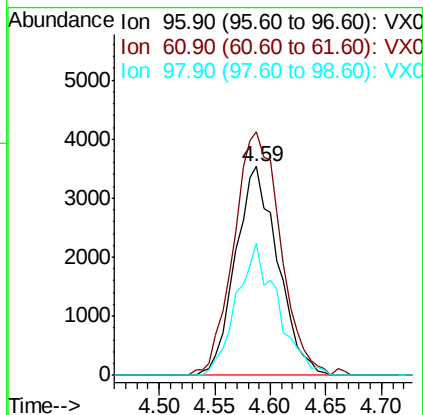
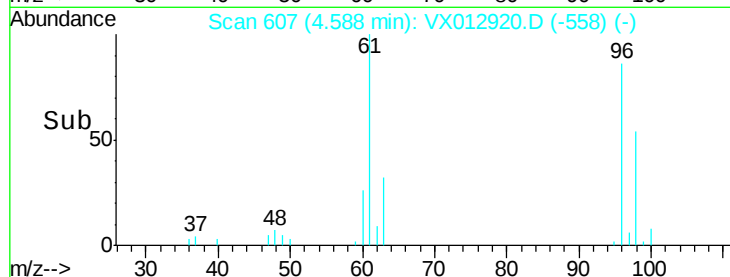
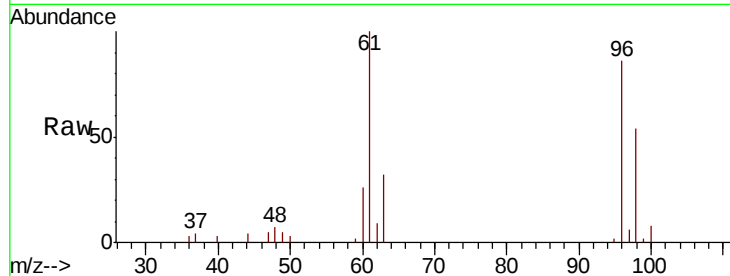


#27

cis-1,2-Dichloroethene
Concen: 4.186 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Instrument :
MSVOA_X
ClientSampled :
MW-101S

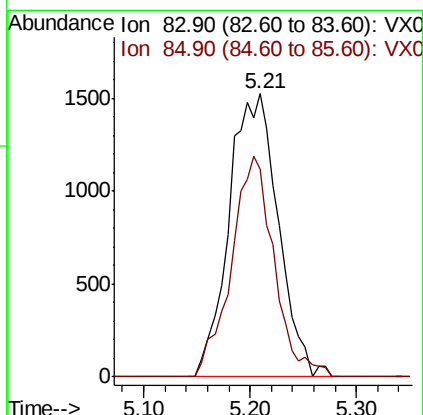
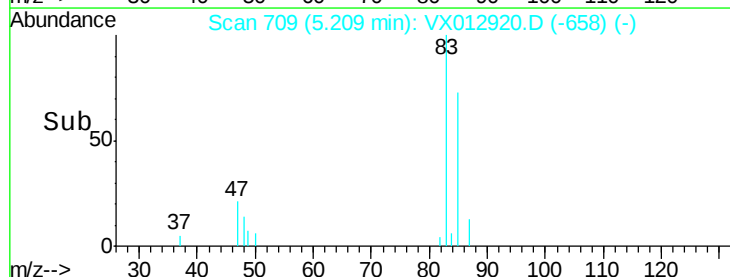
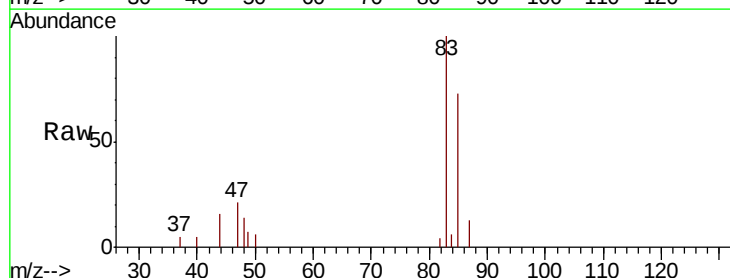
Tot Ion: 96 Resp: 9356
Ion Ratio Lower Upper
96 100
61 128.1 0.0 290.6
98 61.6 0.0 128.8

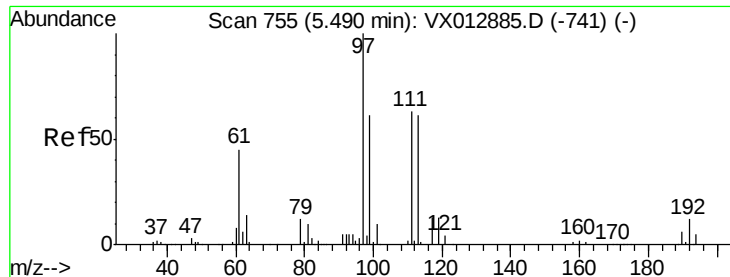


#30

Chloroform
Concen: 1.381 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012920.D
Acq: 09 Oct 2019 04:18

Tgt Ion: 83 Resp: 4923
Ion Ratio Lower Upper
83 100
85 73.3 51.5 77.3





#32

1,1,1-Trichloroethane

Concen: 0.874 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Instrument :

MSVOA_X

ClientSampled :

MW-101S

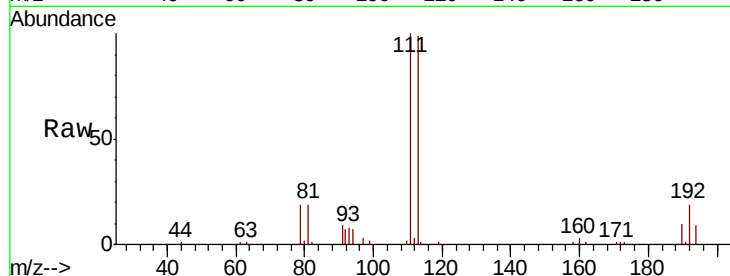
Tot Ion: 97 Resp: 2638

Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

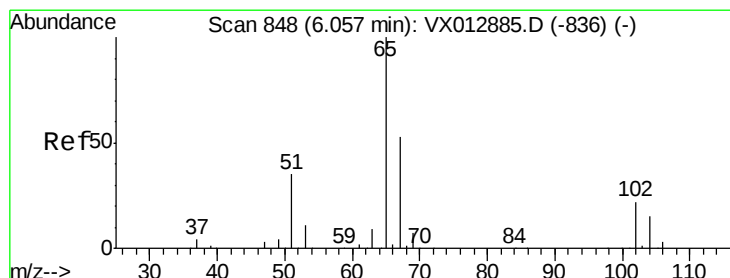
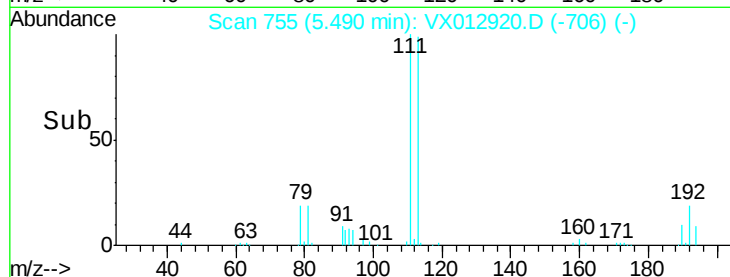
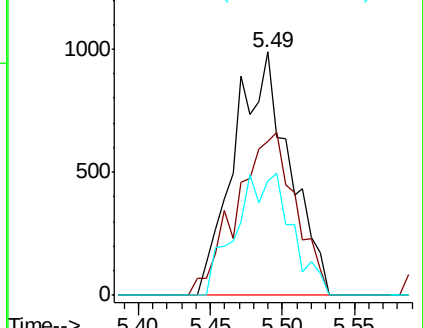
61 50.4 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.065 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX012920.D

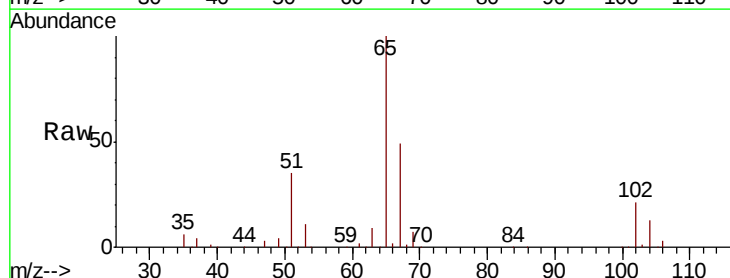
Acq: 09 Oct 2019 04:18

Tgt Ion: 65 Resp: 118744

Ion Ratio Lower Upper

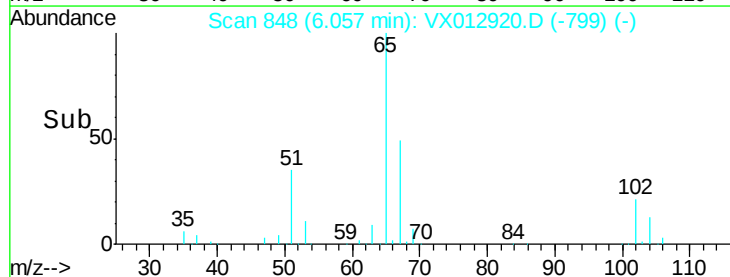
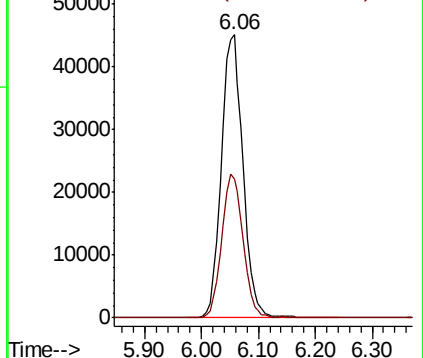
65 100

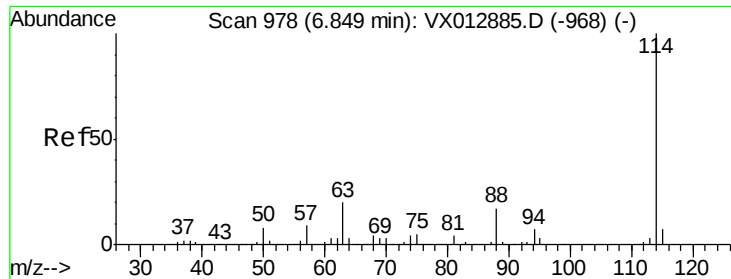
67 50.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

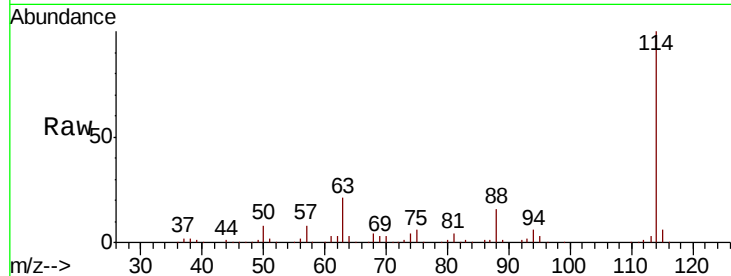




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012920.D
 Acq: 09 Oct 2019 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

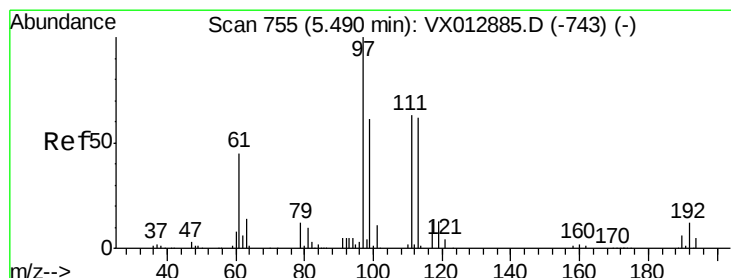
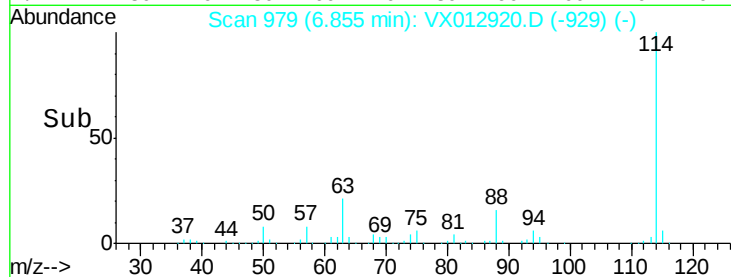
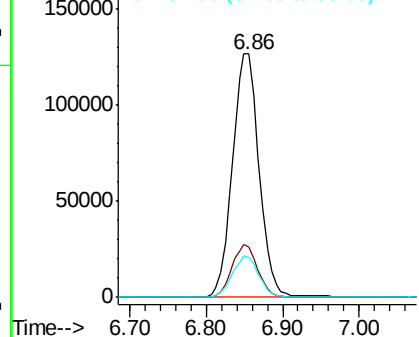
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.4	0.0	33.8



Abundance Ion 113.90 (113.60 to 114.60): V

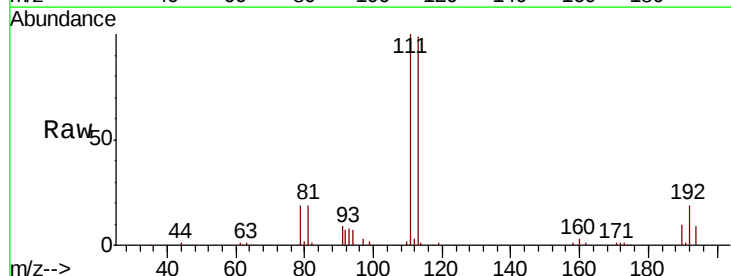
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 51.600 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012920.D
 Acq: 09 Oct 2019 04:18

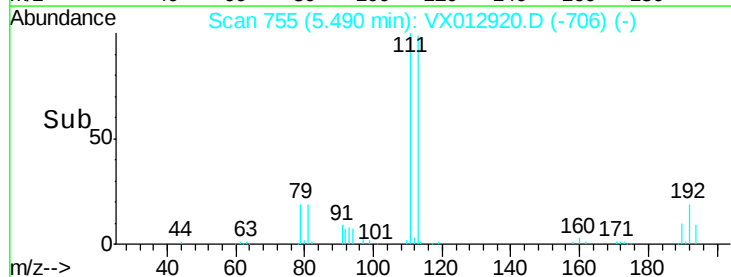
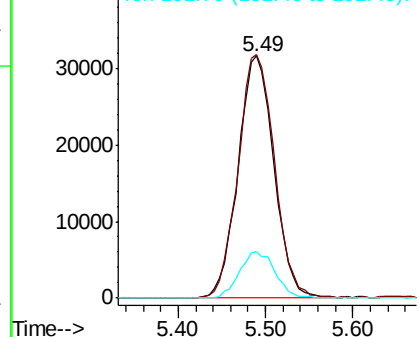
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	19.2	15.4	23.2

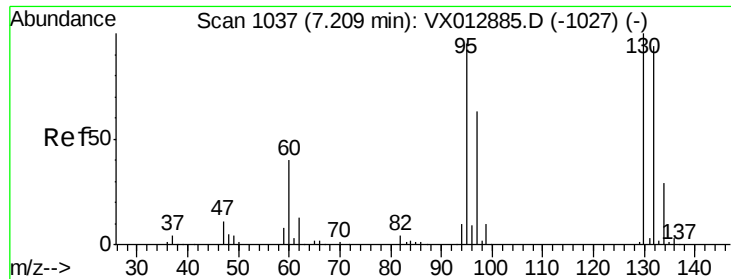


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

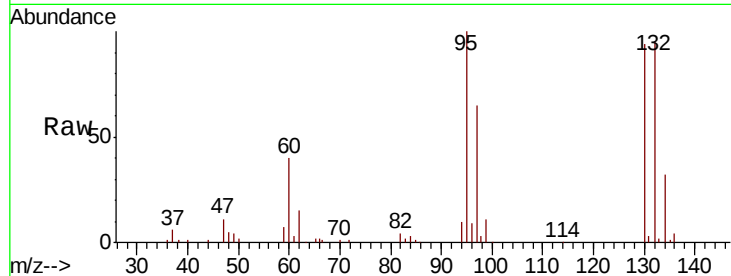




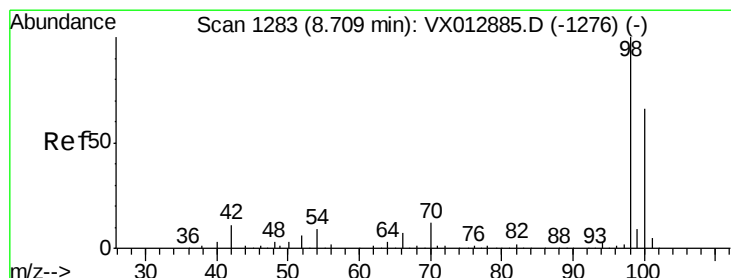
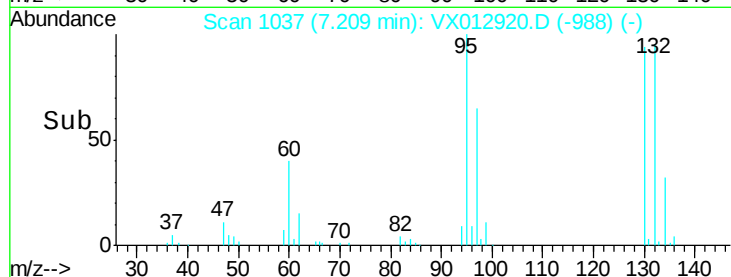
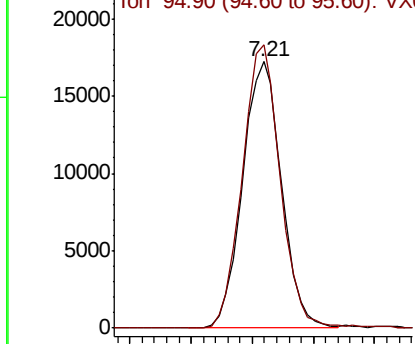
#44
 Trichloroethene
 Concen: 17.333 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX012920.D
 Acq: 09 Oct 2019 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Tot Ion:130 Resp: 38022
 Ion Ratio Lower Upper
 130 100
 95 106.2 0.0 189.2

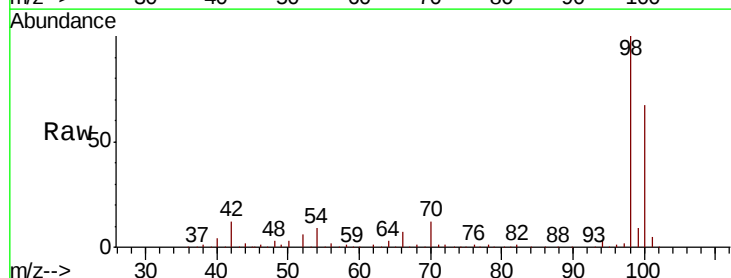


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

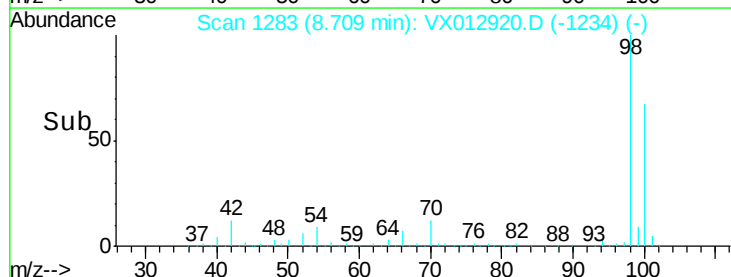
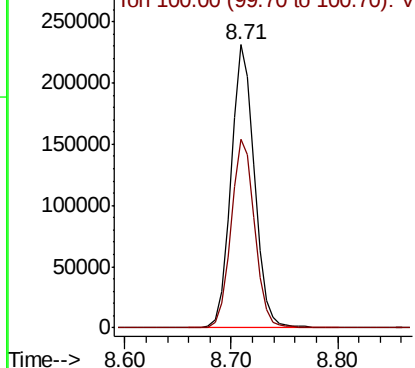


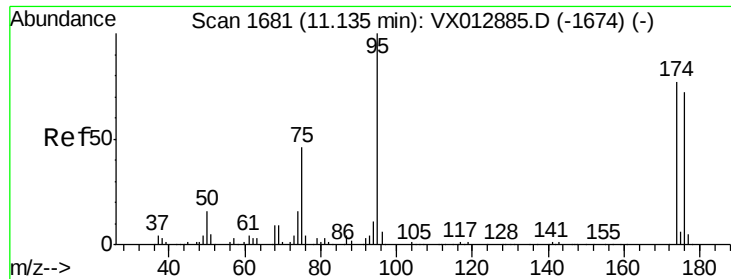
#50
 Toluene-d8
 Concen: 52.264 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012920.D
 Acq: 09 Oct 2019 04:18

Tgt Ion: 98 Resp: 356399
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.114 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

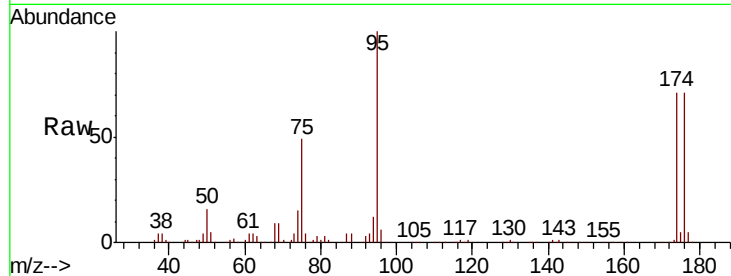
Tot Ion: 95 Resp: 122185

Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 69.7 0.0 136.0



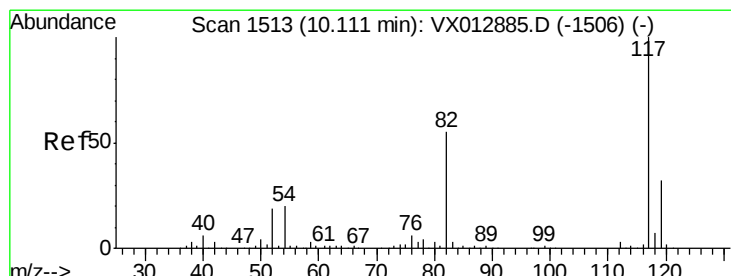
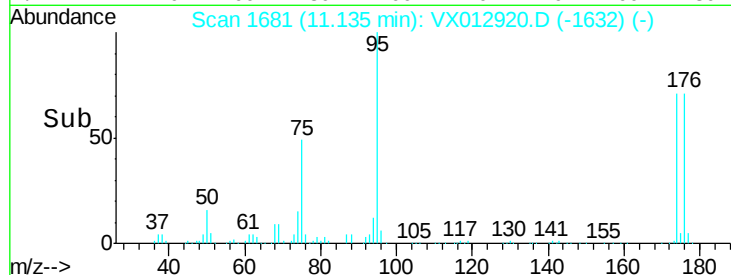
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

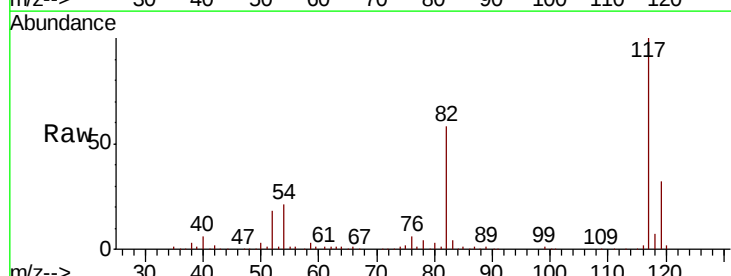
Tgt Ion: 117 Resp: 260699

Ion Ratio Lower Upper

117 100

82 57.5 44.1 66.1

119 32.5 25.8 38.8



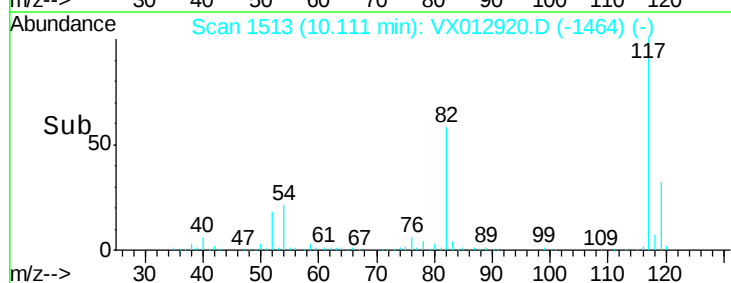
Abundance Ion 116.90 (116.60 to 117.60): V

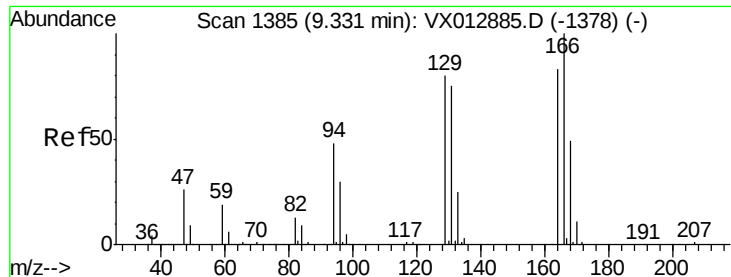
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time--> 10.00 10.10 10.20





#64

Tetrachloroethene

Concen: 11.805 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Instrument :

MSVOA_X

ClientSampled :

MW-101S

Tot Ion:164 Resp: 21345

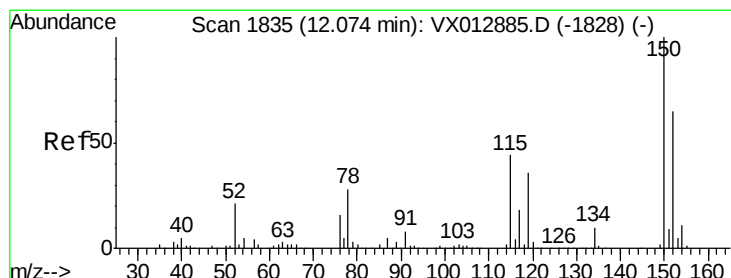
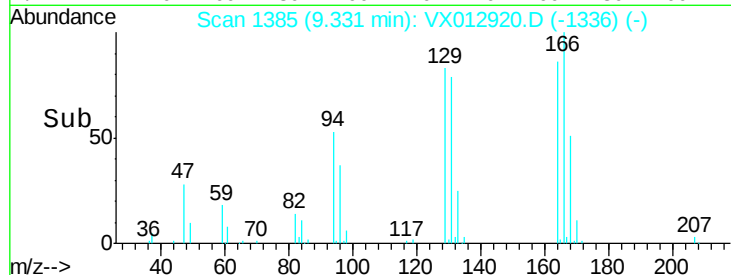
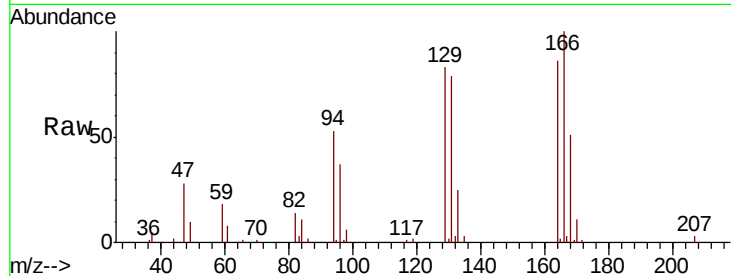
Ion Ratio Lower Upper

164 100

166 116.1 96.9 145.3

129 96.2 77.9 116.9

131 91.8 72.7 109.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012920.D

Acq: 09 Oct 2019 04:18

Tgt Ion:152 Resp: 103779

Ion Ratio Lower Upper

152 100

115 63.8 44.5 133.5

150 157.6 0.0 353.4

