

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012921.D
 Acq On : 09 Oct 2019 04:42
 Operator : JC/SP
 Sample : K5154-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Quant Time: Oct 09 07:52:38 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

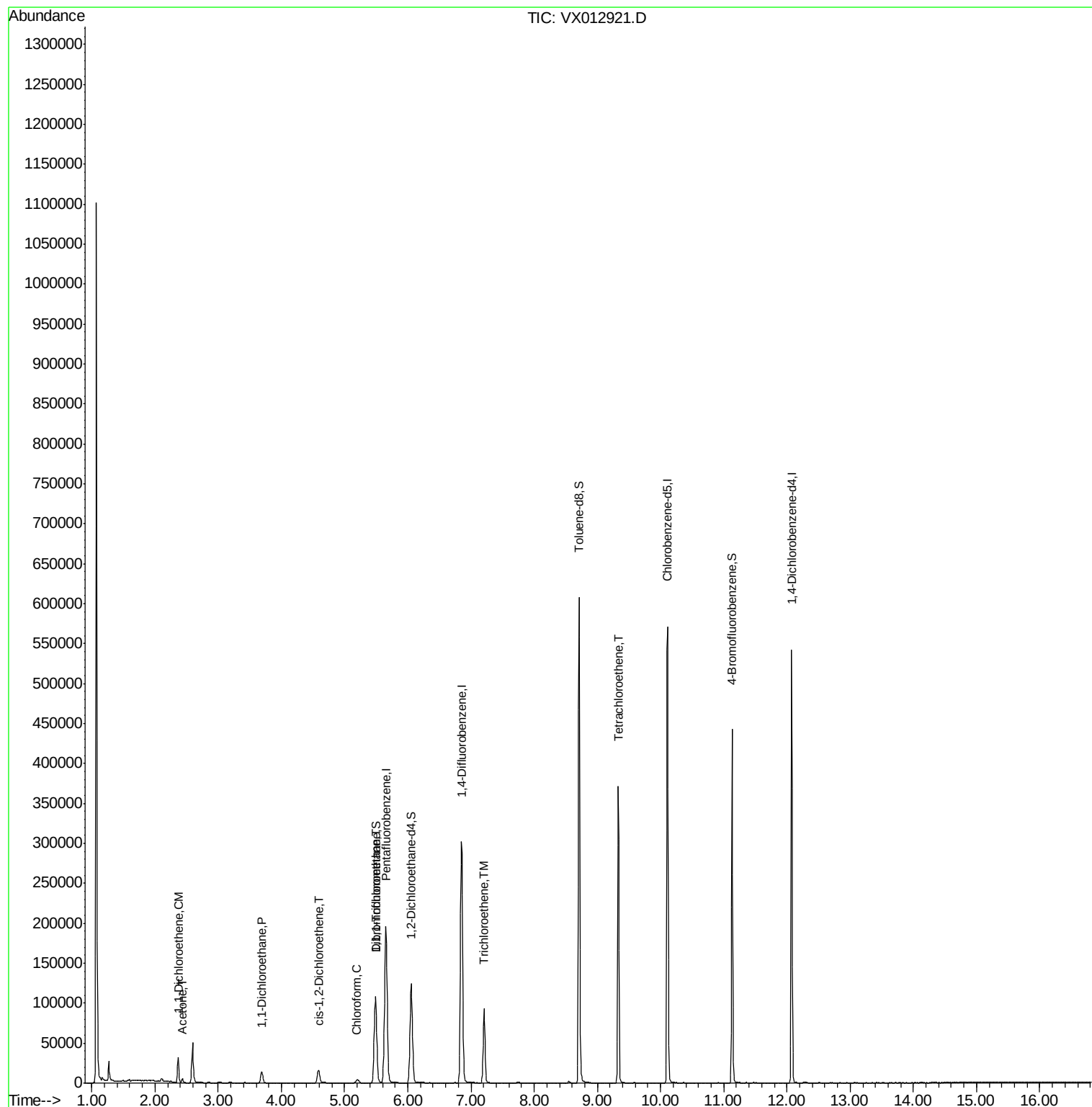
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119027	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	5.49	113	91762	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	8.71	98	361621	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	123499	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	10725	5.850	ug/l	95
16) Acetone	2.44	43	5116	4.280	ug/l	90
24) 1,1-Dichloroethane	3.69	63	15878	4.511	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	10287	4.541	ug/l	91
30) Chloroform	5.20	83	5059	1.401	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	2973	0.972	ug/l #	49
44) Trichloroethene	7.21	130	35294	15.837	ug/l	98
64) Tetrachloroethene	9.33	164	67555	37.335	ug/l	95

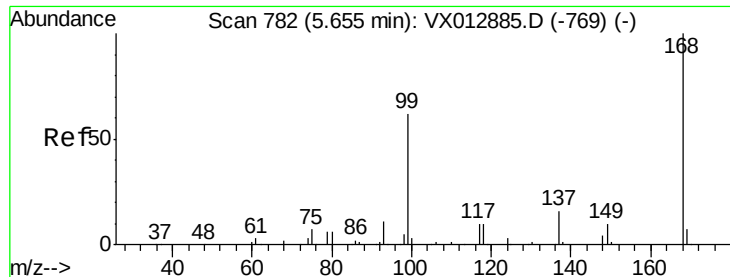
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. -0.00 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

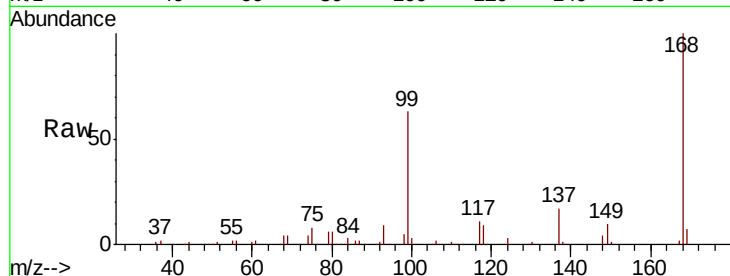
MW-101I

Tot Ion:168 Resp: 181435

Ion Ratio Lower Upper

168 100

99 62.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

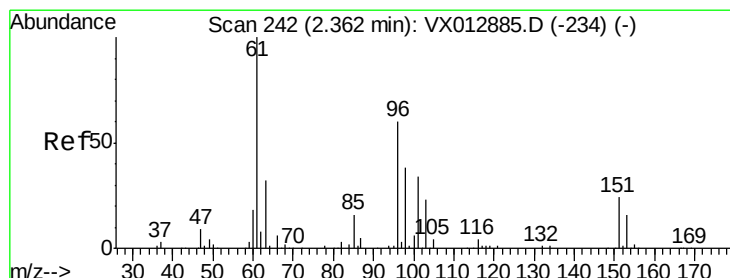
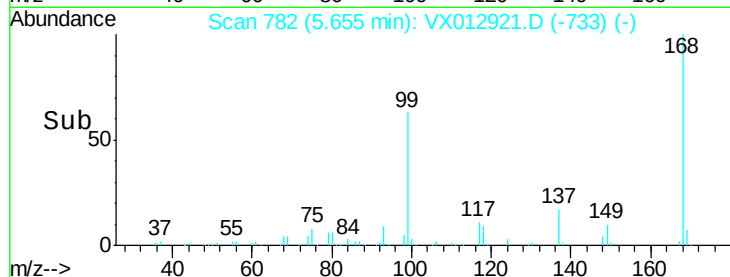
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 5.850 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

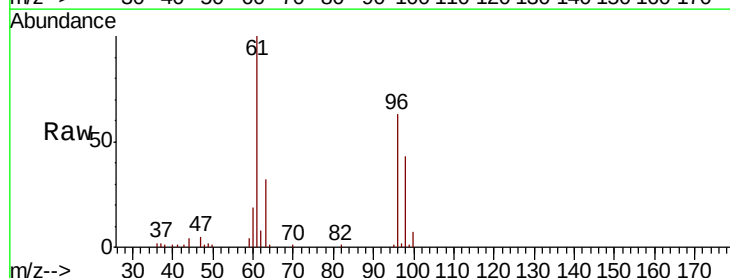
Tgt Ion: 96 Resp: 10725

Ion Ratio Lower Upper

96 100

61 157.9 132.2 198.4

98 67.2 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

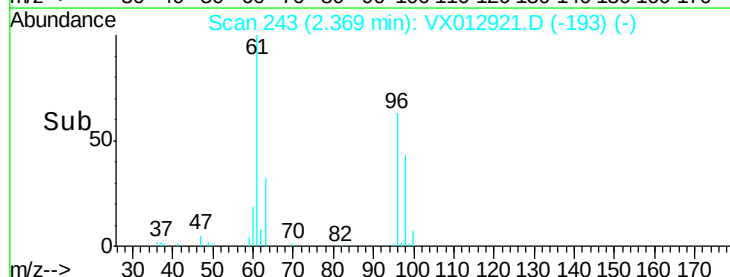
2.37

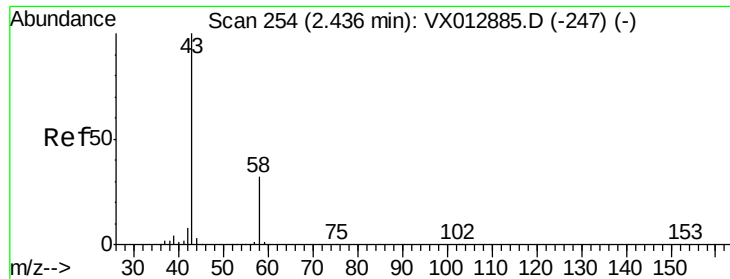
10000

5000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 4.280 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

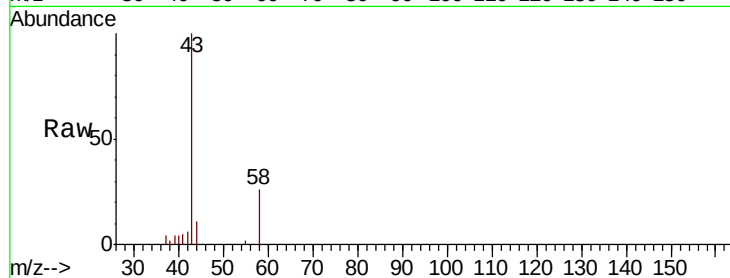
MW-101I

Tot Ion: 43 Resp: 5116

Ion Ratio Lower Upper

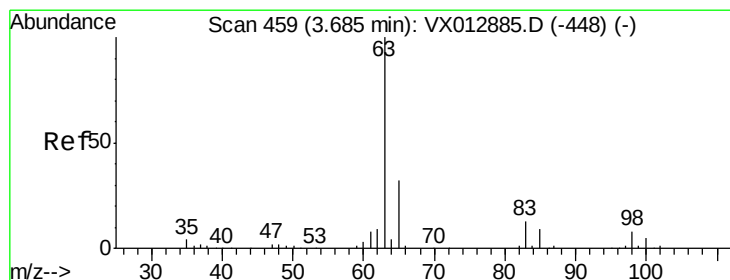
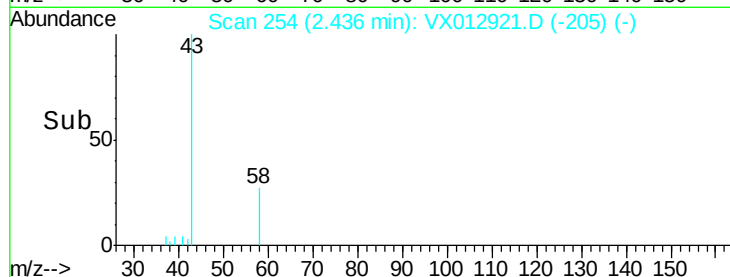
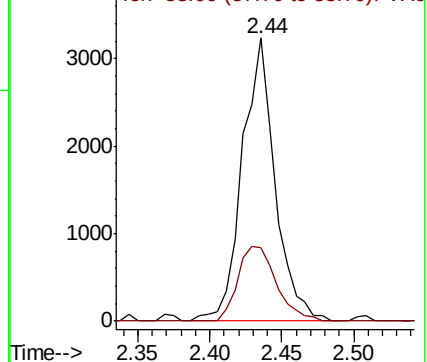
43 100

58 26.0 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 4.511 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

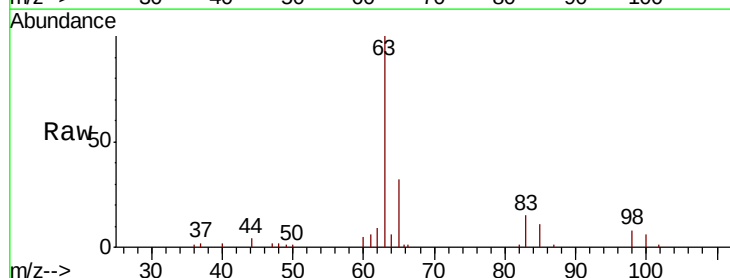
Tgt Ion: 63 Resp: 15878

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

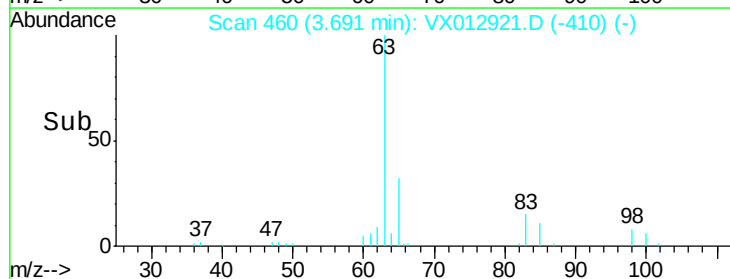
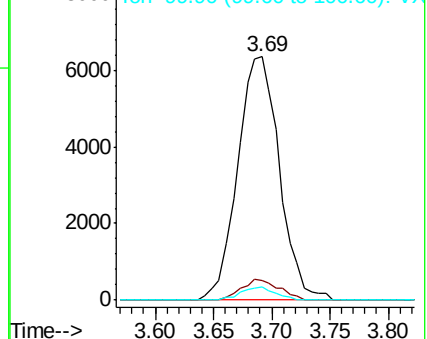
100 5.7 2.3 6.9

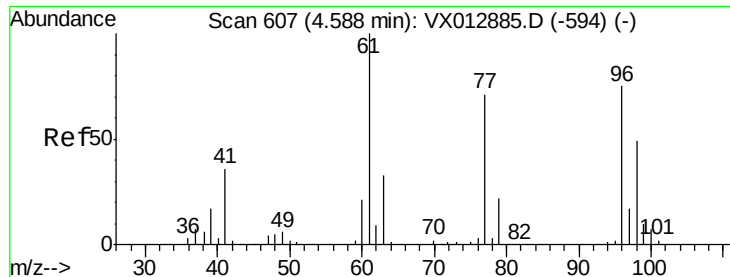


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



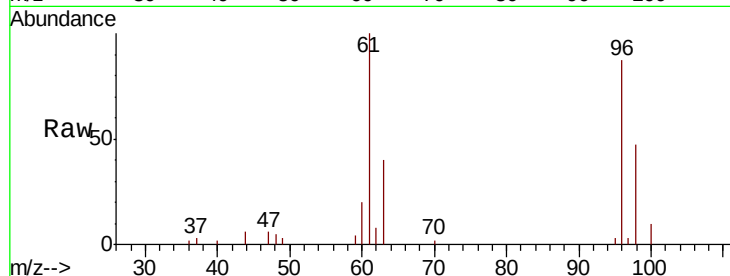


#27

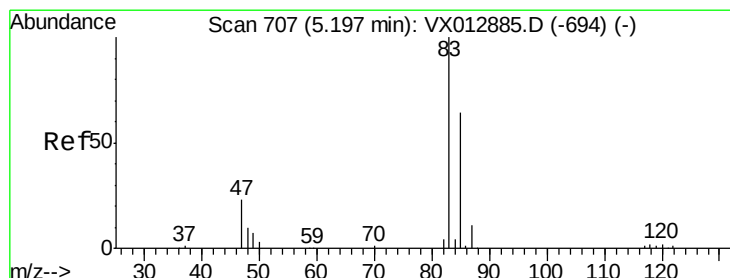
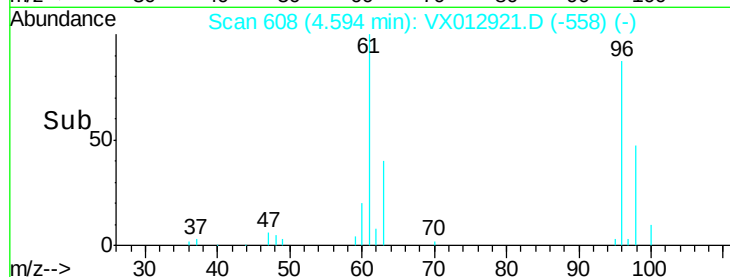
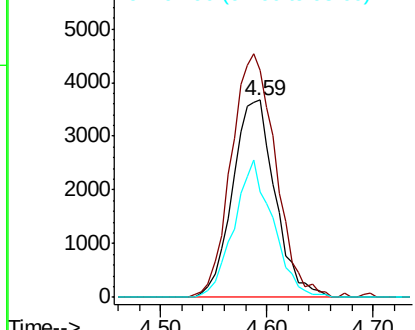
cis-1,2-Dichloroethene
Concen: 4.541 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX012921.D
Acq: 09 Oct 2019 04:42

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

Tot Ion: 96 Resp: 10287
Ion Ratio Lower Upper
96 100
61 128.8 0.0 290.6
98 63.7 0.0 128.8



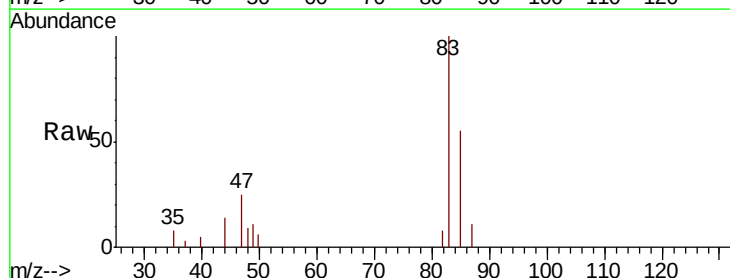
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



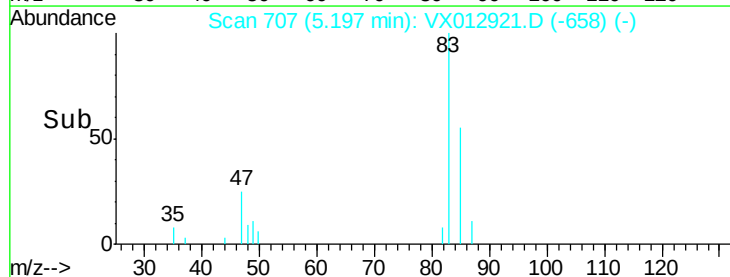
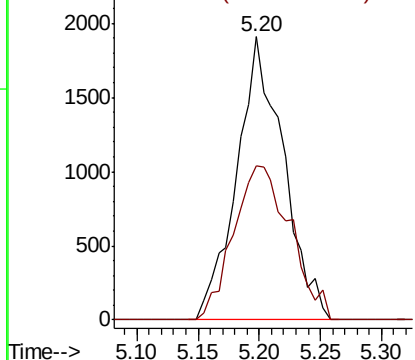
#30

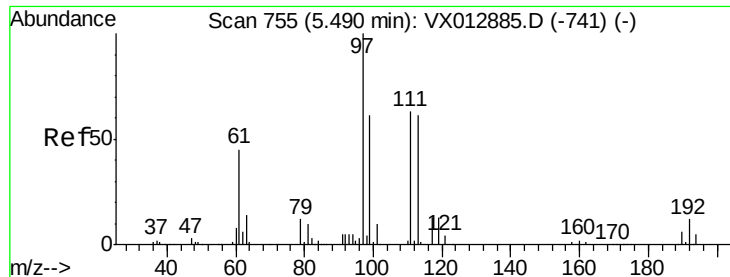
Chloroform
Concen: 1.401 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012921.D
Acq: 09 Oct 2019 04:42

Tgt Ion: 83 Resp: 5059
Ion Ratio Lower Upper
83 100
85 54.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 0.972 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

Instrument :

MSVOA_X

ClientSampled :

MW-101I

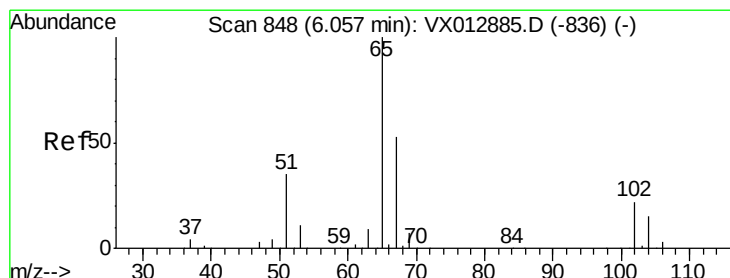
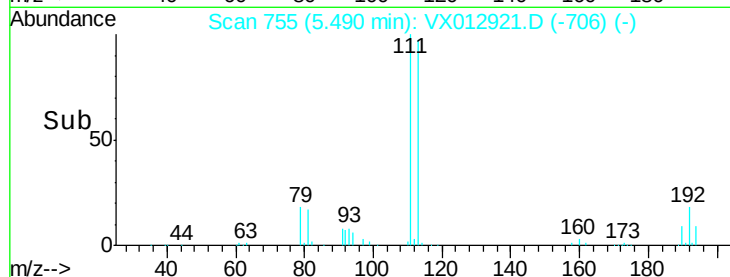
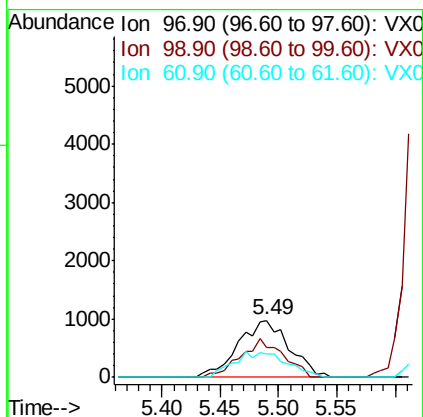
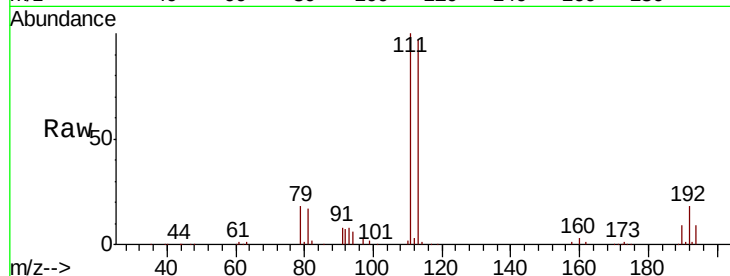
Tot Ion: 97 Resp: 2973

Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

61 46.8 35.0 52.4



#33

1,2-Dichloroethane-d4

Concen: 52.488 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012921.D

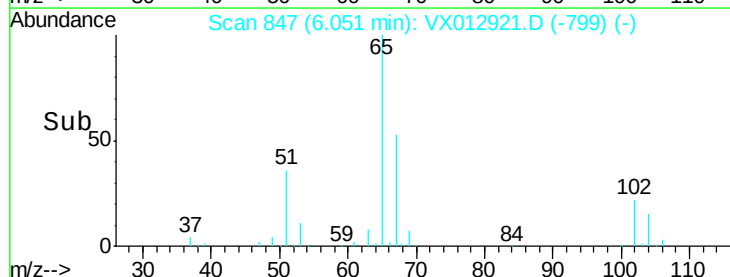
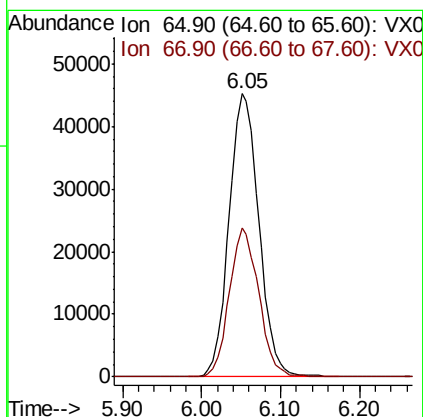
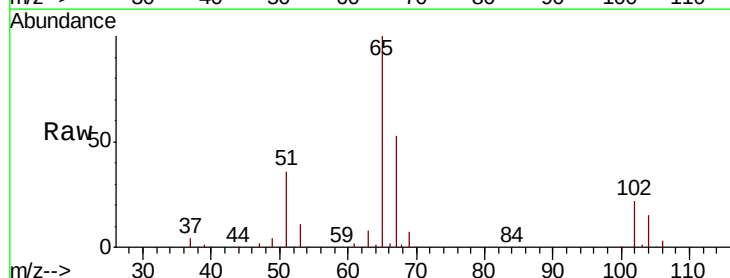
Acq: 09 Oct 2019 04:42

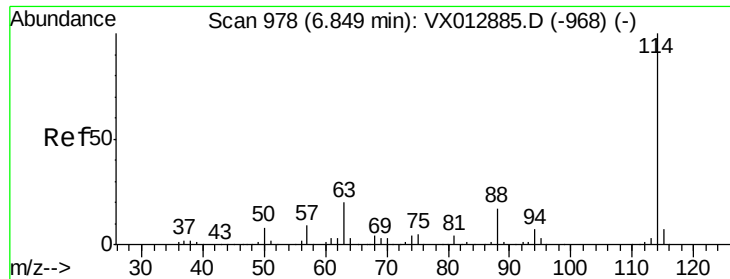
Tgt Ion: 65 Resp: 119027

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4

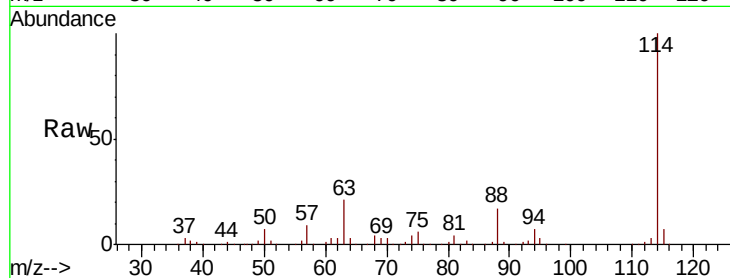




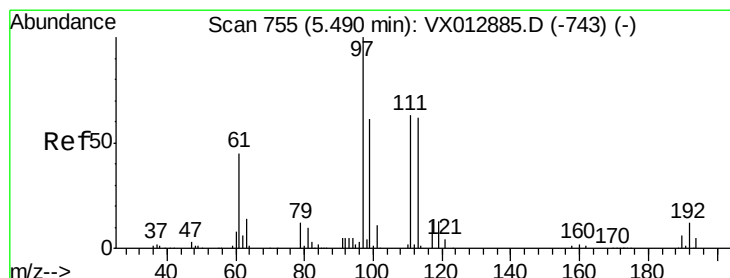
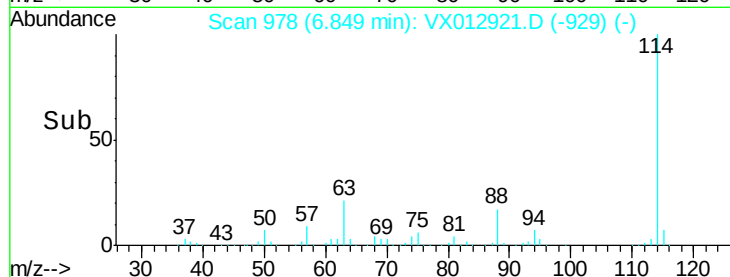
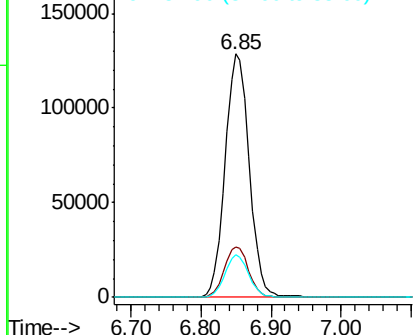
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012921.D
Acq: 09 Oct 2019 04:42

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

Tot Ion:114 Resp: 309487
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 17.5 0.0 33.8

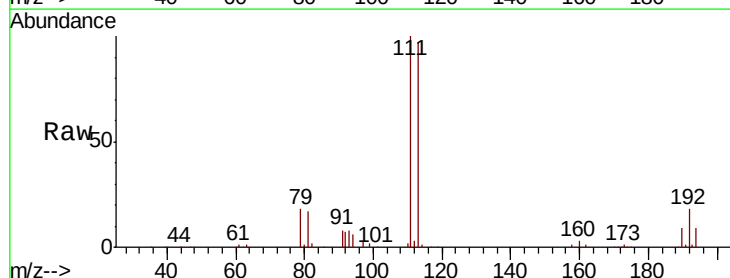


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

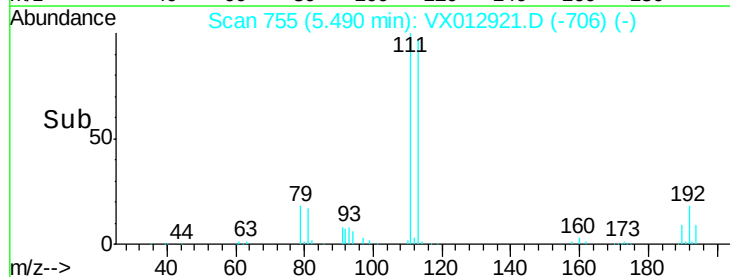
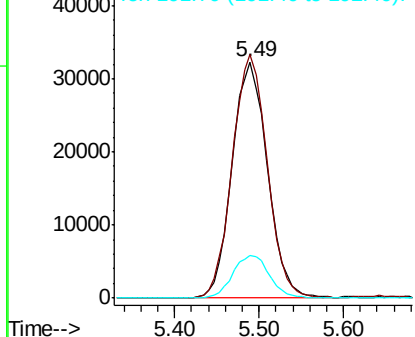


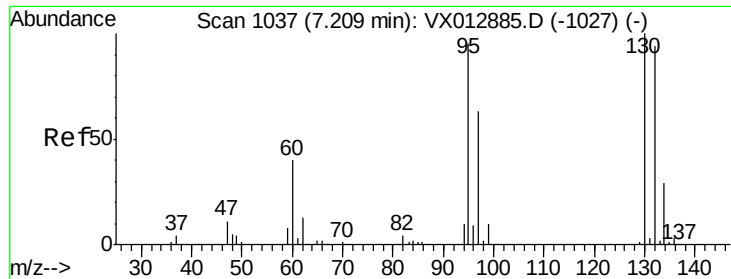
#35
Dibromofluoromethane
Concen: 51.659 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012921.D
Acq: 09 Oct 2019 04:42

Tgt Ion:113 Resp: 91762
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 18.7 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

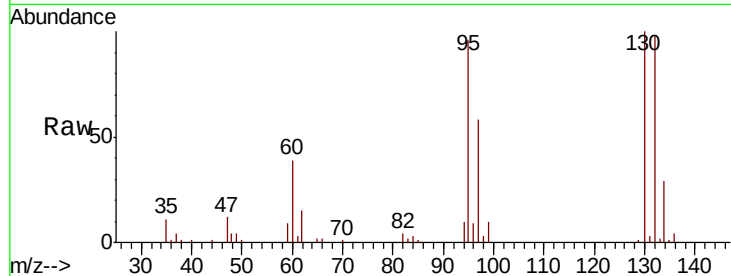




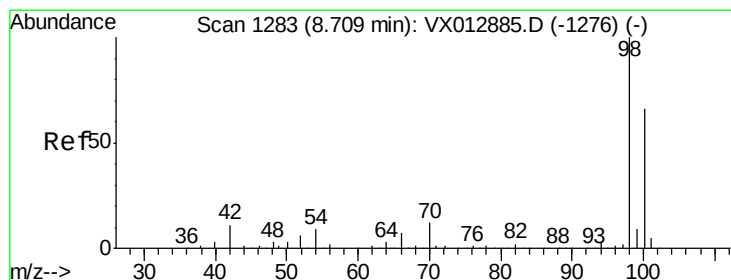
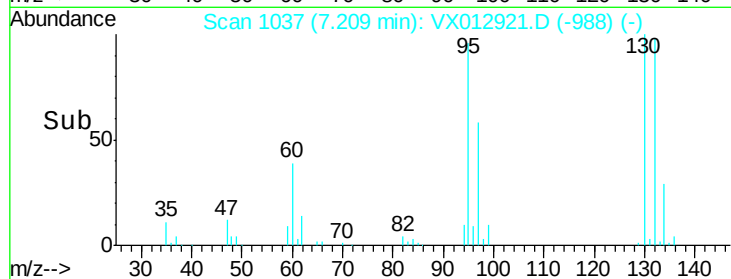
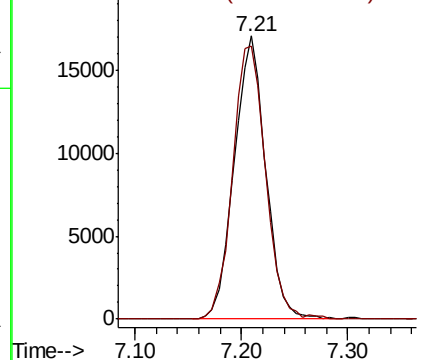
#44
 Trichloroethene
 Concen: 15.837 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX012921.D
 Acq: 09 Oct 2019 04:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Tot Ion:130 Resp: 35294
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 189.2

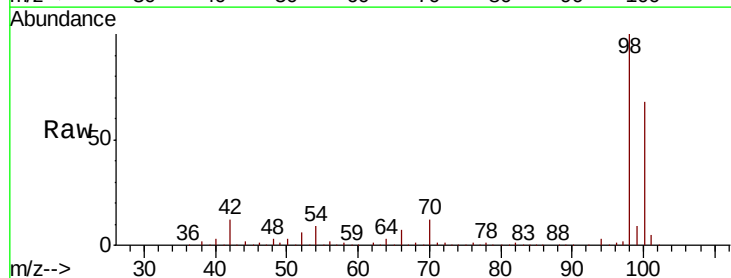


Abundance Ion 129.80 (129.50 to 130.50): V

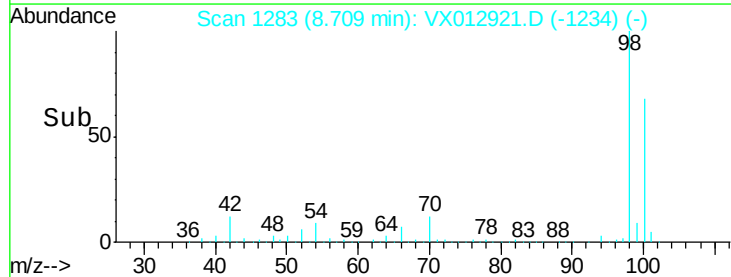
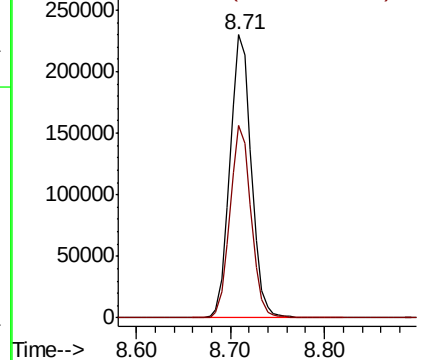


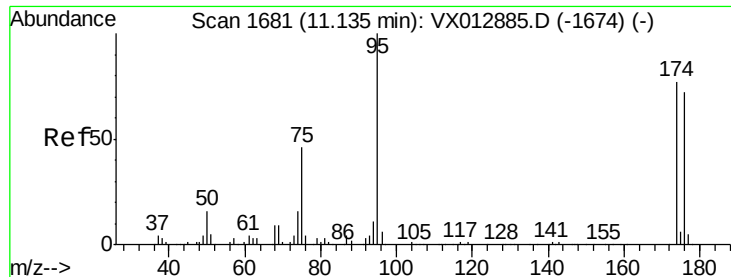
#50
 Toluene-d8
 Concen: 52.197 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012921.D
 Acq: 09 Oct 2019 04:42

Tgt Ion: 98 Resp: 361621
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.878 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

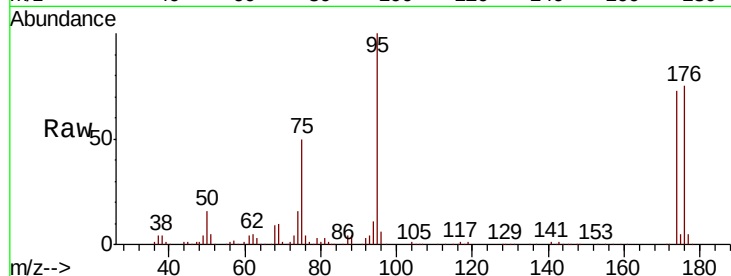
Tot Ion: 95 Resp: 123499

Ion Ratio Lower Upper

95 100

174 70.6 0.0 143.4

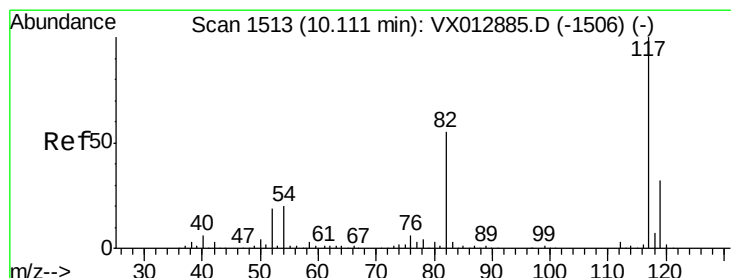
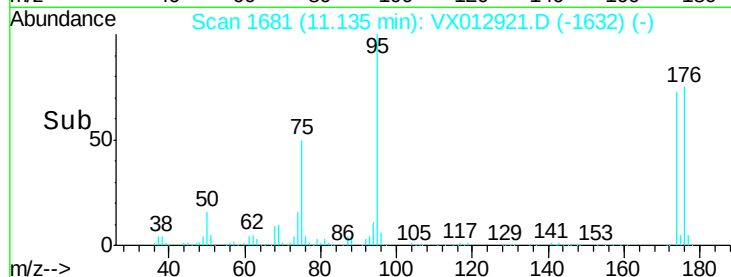
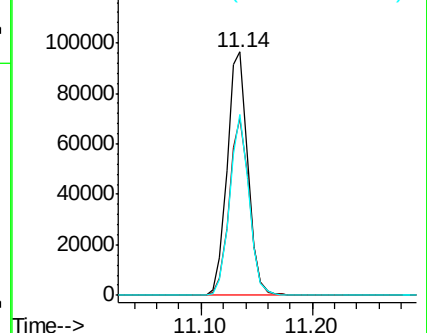
176 69.4 0.0 136.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012921.D

Acq: 09 Oct 2019 04:42

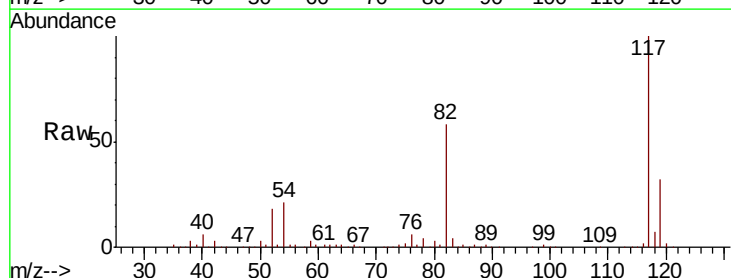
Tgt Ion: 117 Resp: 260876

Ion Ratio Lower Upper

117 100

82 57.8 44.1 66.1

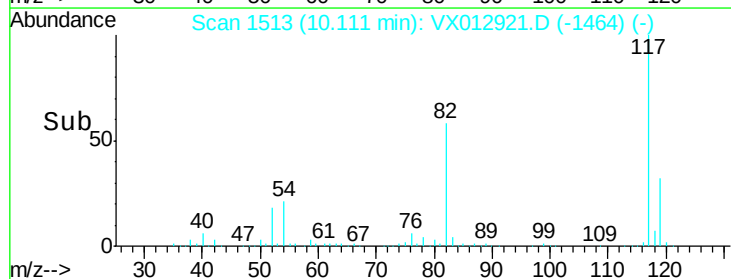
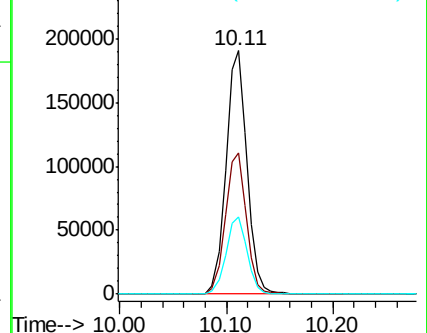
119 31.9 25.8 38.8

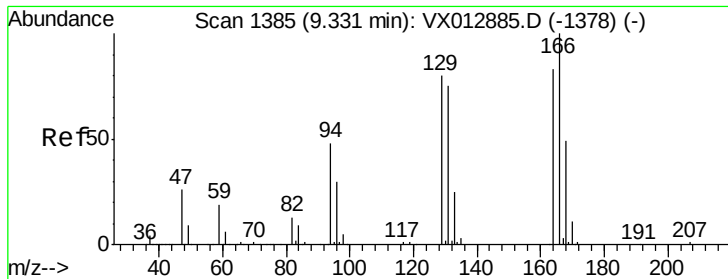


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

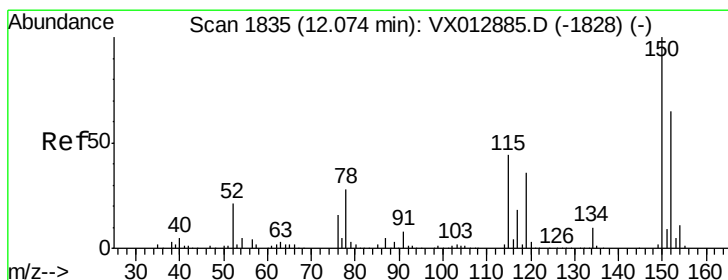
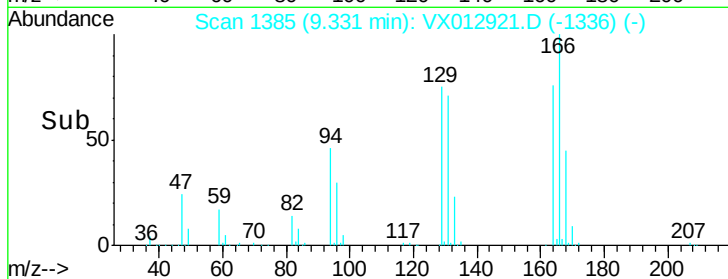
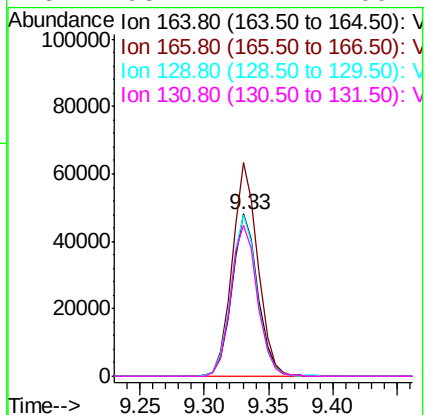
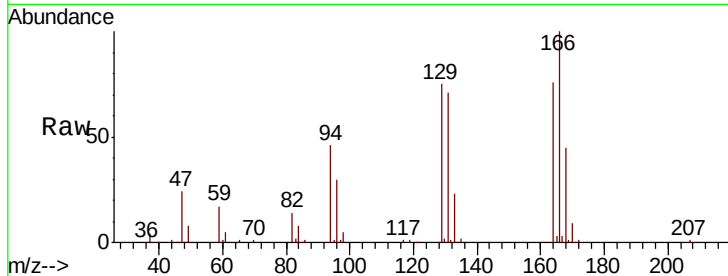




#64
Tetrachloroethene
Concen: 37.335 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012921.D
Acq: 09 Oct 2019 04:42

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.9	96.9	145.3
129	99.3	77.9	116.9
131	93.7	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: VX012921.D
Acq: 09 Oct 2019 04:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.5	133.5
150	154.4	0.0	353.4

