

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003534.D
 Acq On : 21 Jul 2018 03:09
 Operator : JC/SP
 Sample : J4014-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-071318

Quant Time: Jul 23 12:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

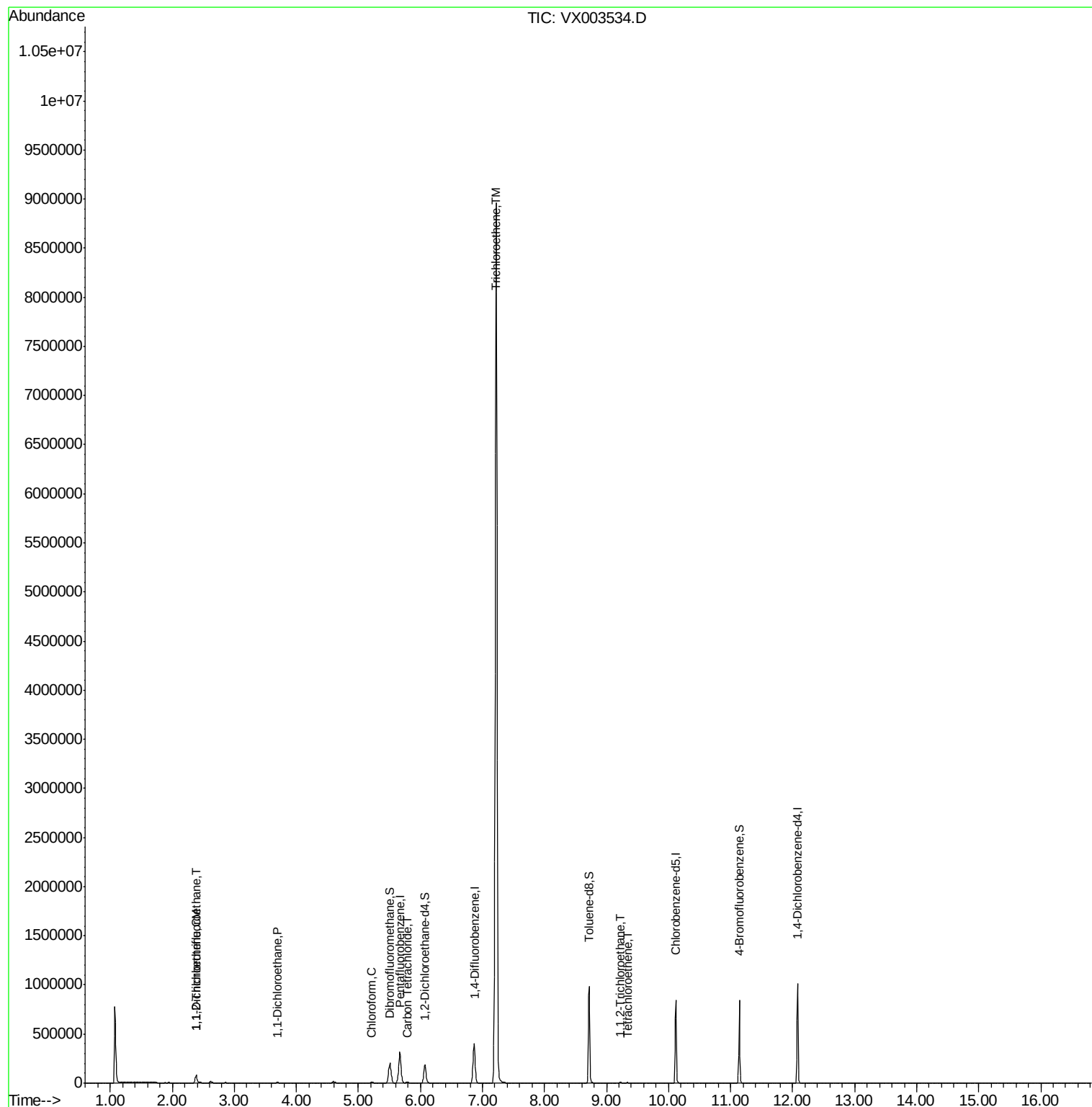
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173757	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
35) Dibromofluoromethane	5.51	113	175647	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	8.72	98	608629	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.14	95	209375	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26373	7.361	ug/l	96
12) 1,1-Dichloroethene	2.38	96	10044	3.044	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	7655	1.187	ug/l	95
30) Chloroform	5.21	83	11079	1.760	ug/l	91
38) Carbon Tetrachloride	5.78	117	8535	1.887	ug/l	94
44) Trichloroethene	7.22	130	3727046	897.791	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	3697	1.060	ug/l	94
64) Tetrachloroethene	9.34	164	1689	0.343	ug/l #	82

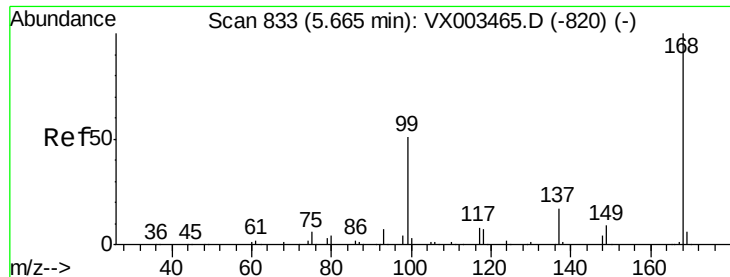
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
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QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003534.D

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Instrument :

MSVOA_X

ClientSampleId :

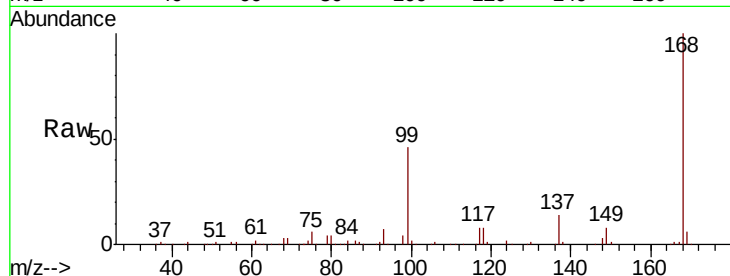
RE105D2-071318

Tgt Ion:168 Resp: 323010

Ion Ratio Lower Upper

168 100

99 46.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

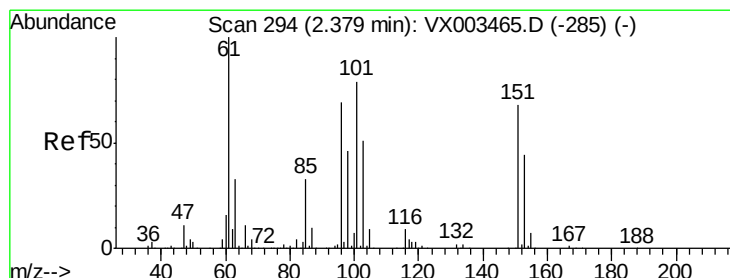
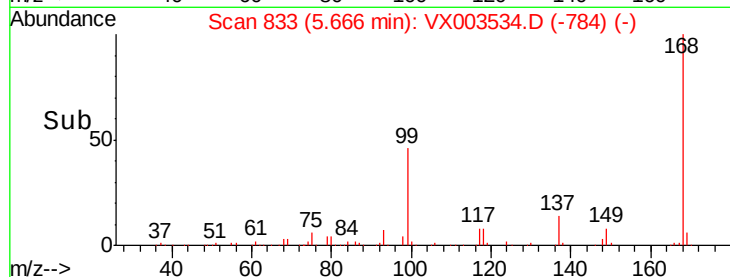
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.361 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

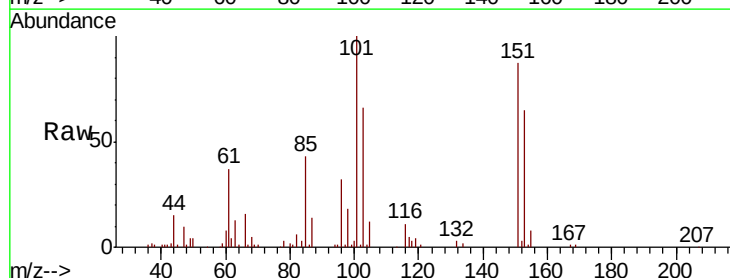
Tgt Ion:101 Resp: 26373

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

151 92.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

15000

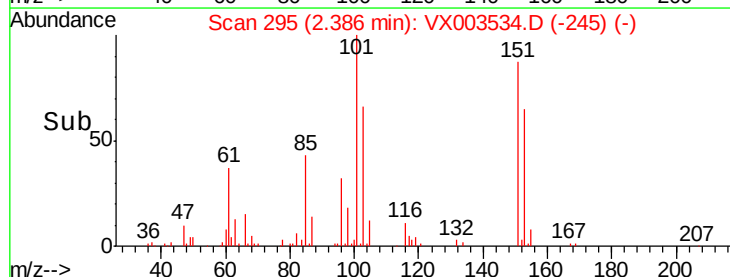
10000

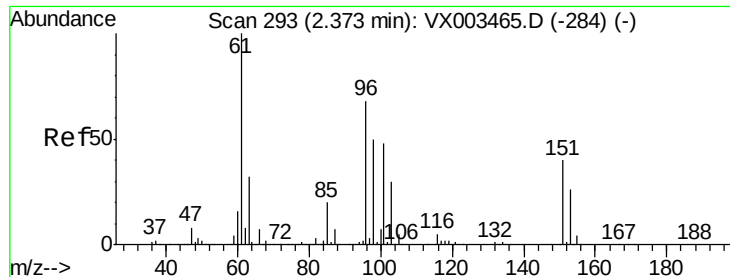
5000

0

Time-->

2.30 2.35 2.40 2.45 2.50





#12

1,1-Dichloroethene

Concen: 3.044 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-071318

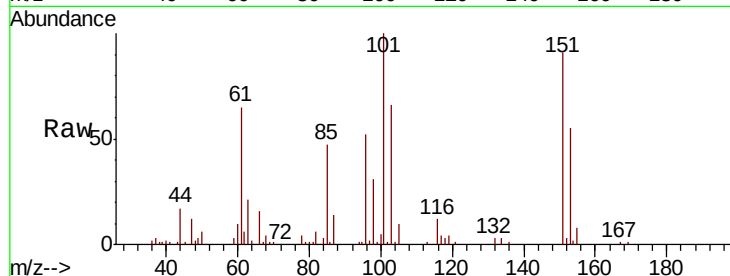
Tgt Ion: 96 Resp: 10044

Ion Ratio Lower Upper

96 100

61 125.4 137.9 206.9#

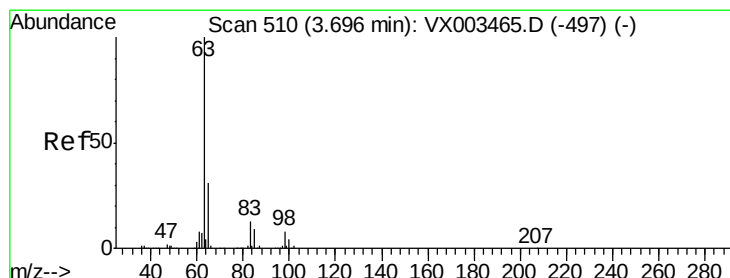
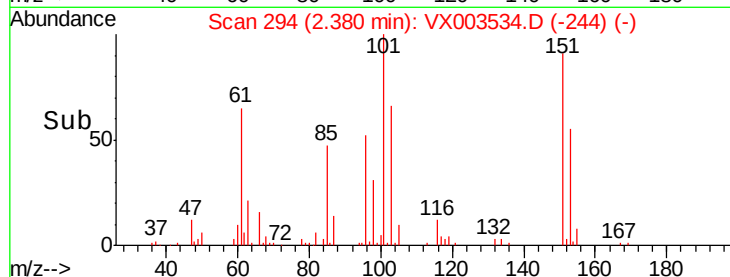
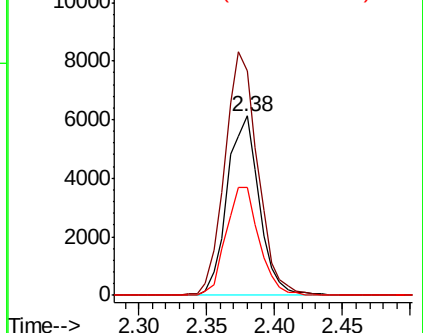
98 60.2 51.6 77.4



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



#24

1,1-Dichloroethane

Concen: 1.187 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

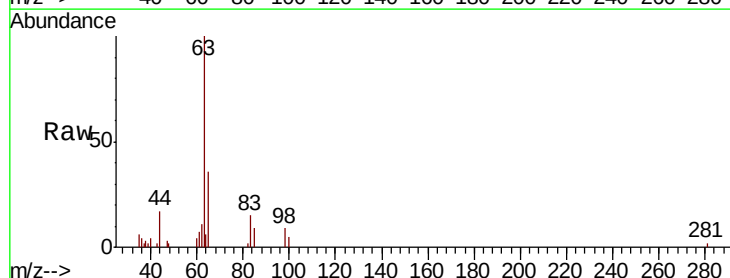
Tgt Ion: 63 Resp: 7655

Ion Ratio Lower Upper

63 100

98 9.1 3.4 10.2

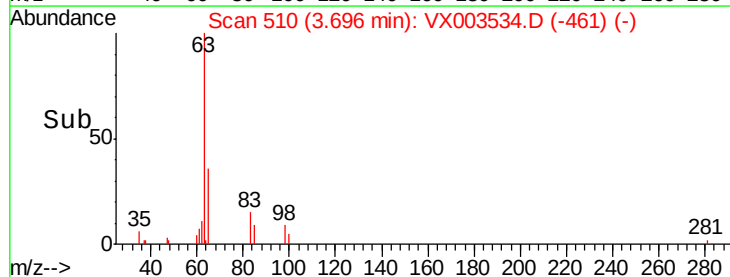
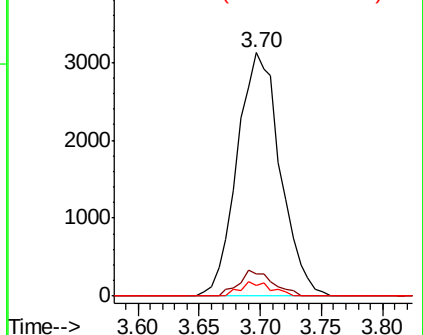
100 4.5 2.0 6.0

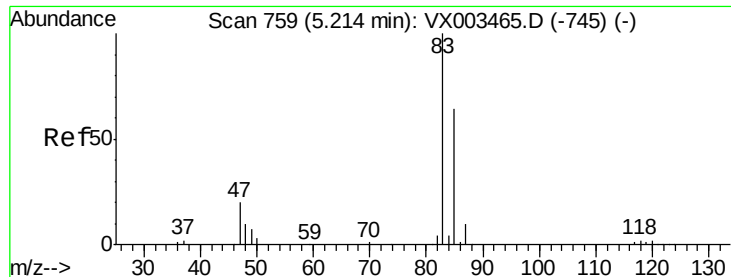


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

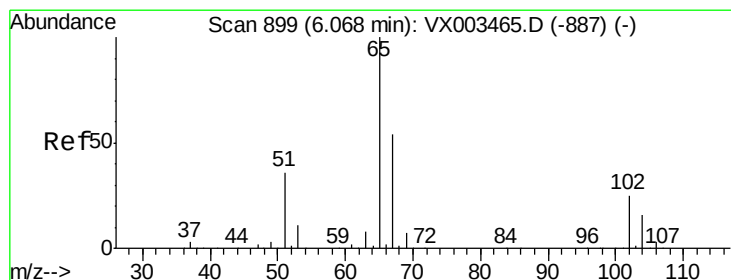
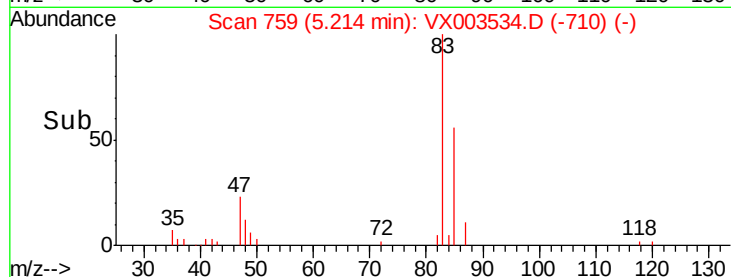
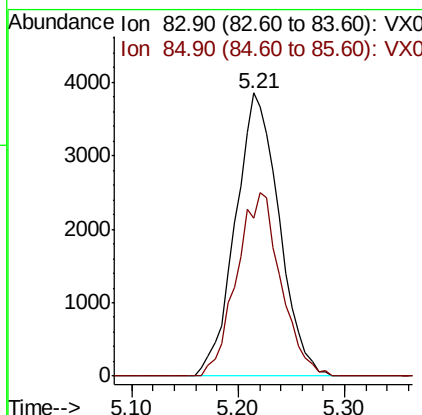
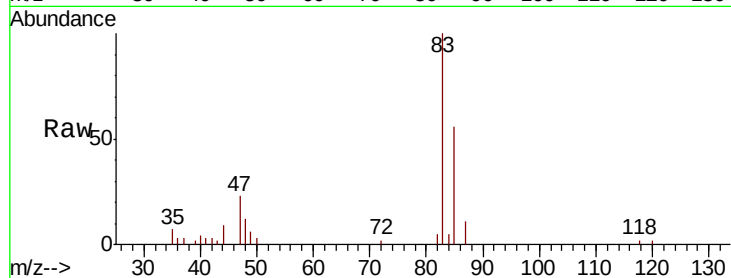




#30
Chloroform
Concen: 1.760 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

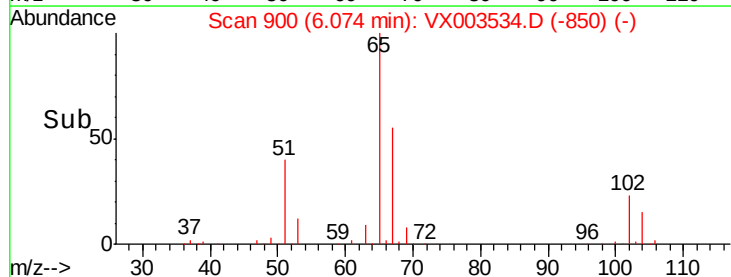
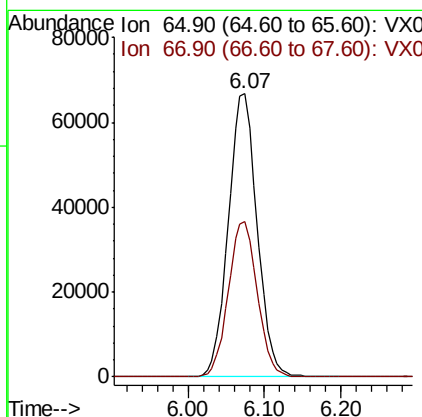
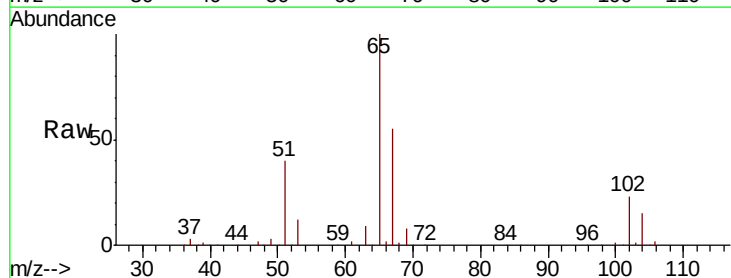
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-071318

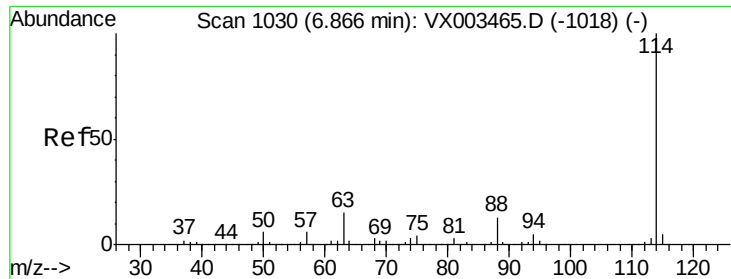
Tgt Ion: 83 Resp: 11079
Ion Ratio Lower Upper
83 100
85 55.8 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 45.444 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

Tgt Ion: 65 Resp: 173757
Ion Ratio Lower Upper
65 100
67 55.2 0.0 102.6

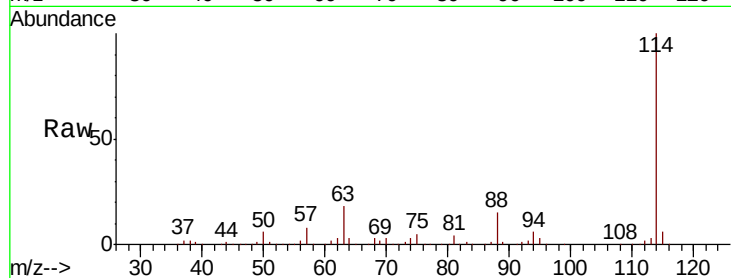




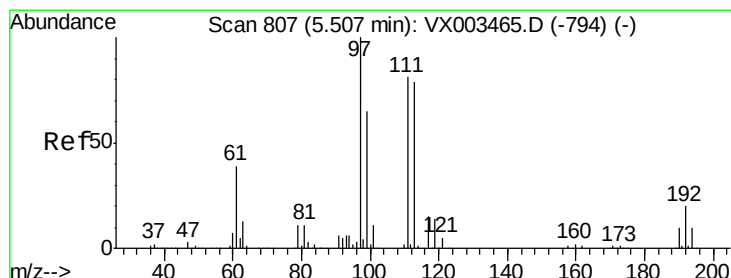
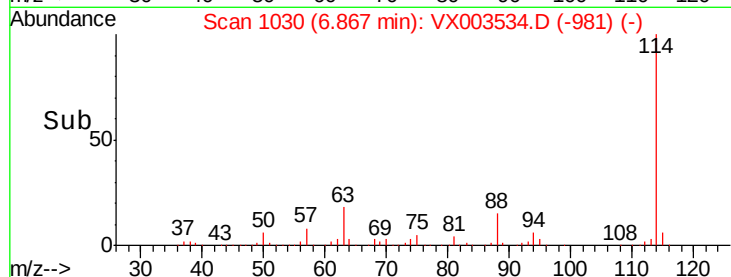
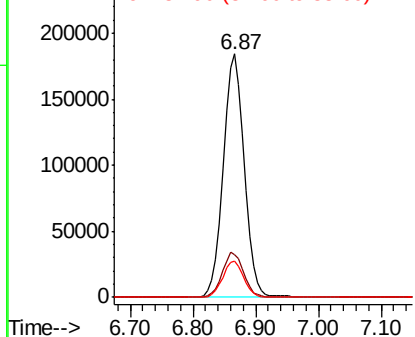
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003534.D
 Acq: 21 Jul 2018 03:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-071318

Tgt Ion:114 Resp: 427030
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 41.4
 88 14.8 0.0 30.0

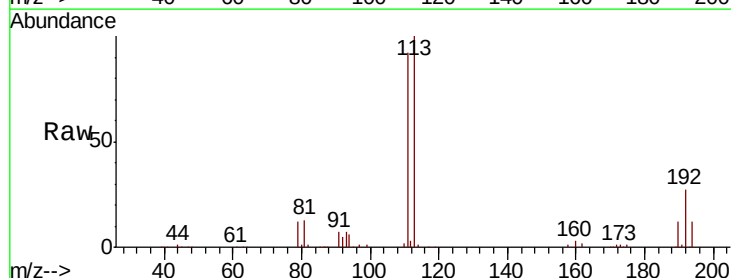


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

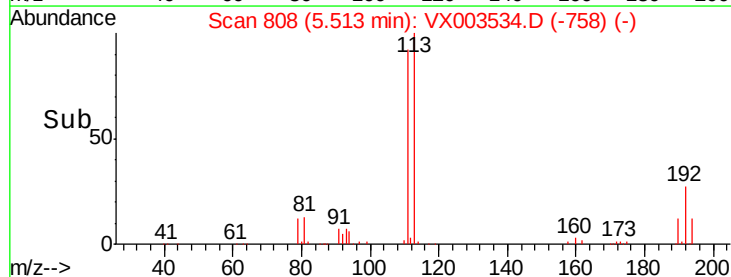
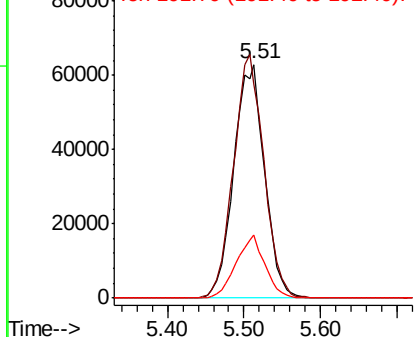


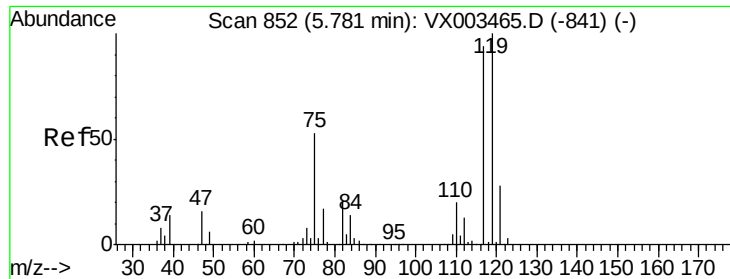
#35
 Dibromofluoromethane
 Concen: 54.003 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003534.D
 Acq: 21 Jul 2018 03:09

Tgt Ion:113 Resp: 175647
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 25.1 19.1 28.7



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

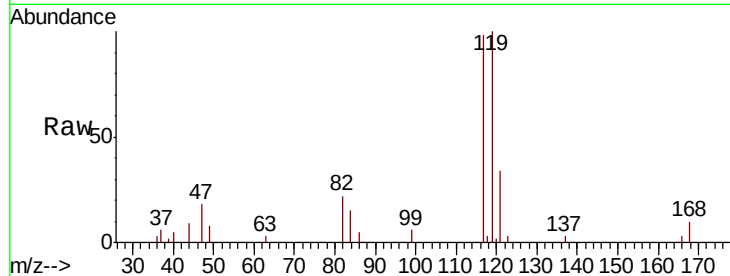




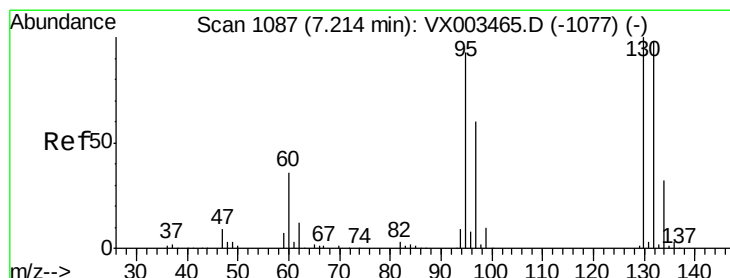
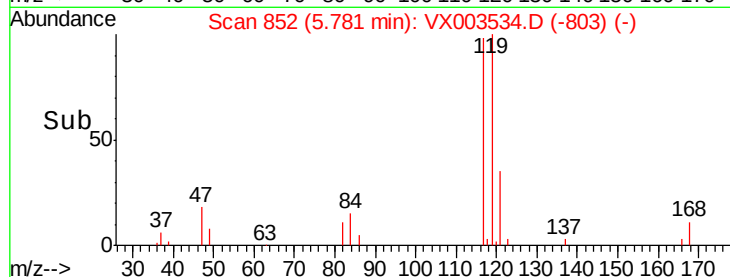
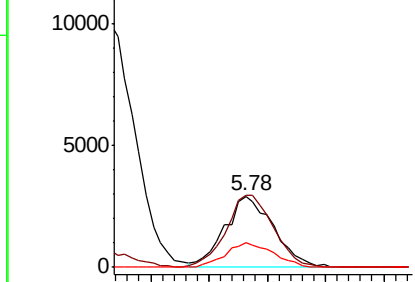
#38
Carbon Tetrachloride
Concen: 1.887 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-071318

Tgt Ion:117 Resp: 8535
Ion Ratio Lower Upper
117 100
119 101.9 77.4 116.0
121 34.7 24.4 36.6

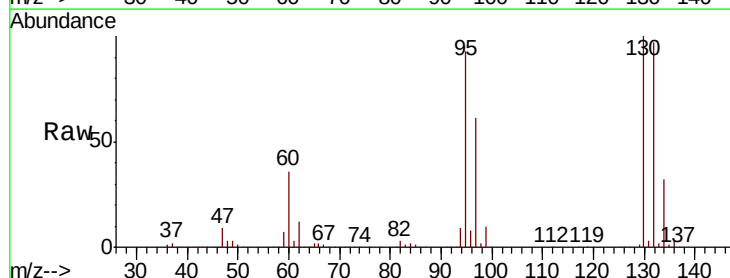


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

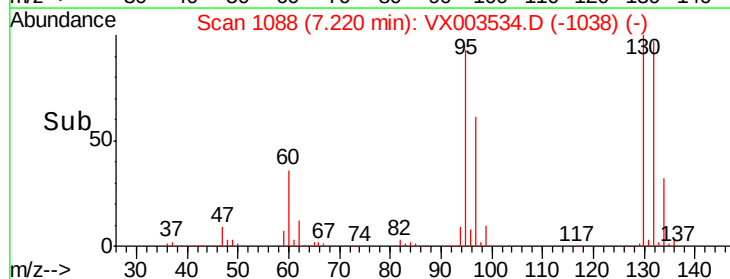
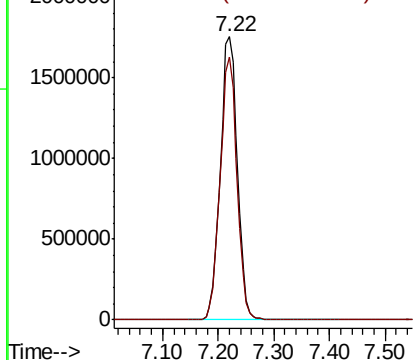


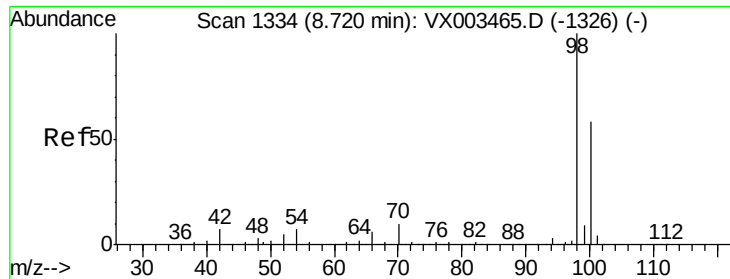
#44
Trichloroethene
Concen: 897.791 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

Tgt Ion:130 Resp: 3727046
Ion Ratio Lower Upper
130 100
95 92.8 0.0 185.4



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

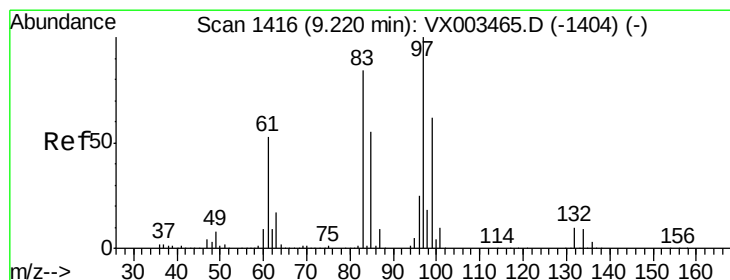
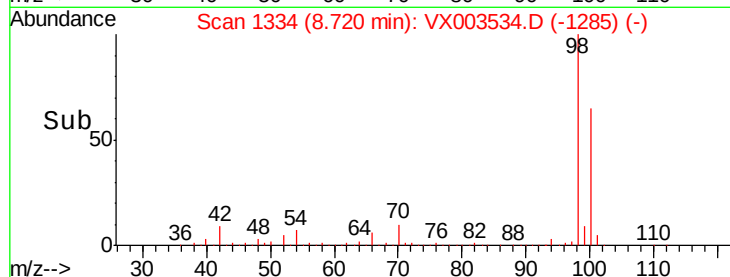
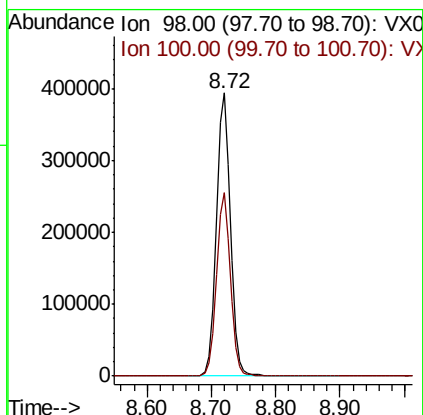
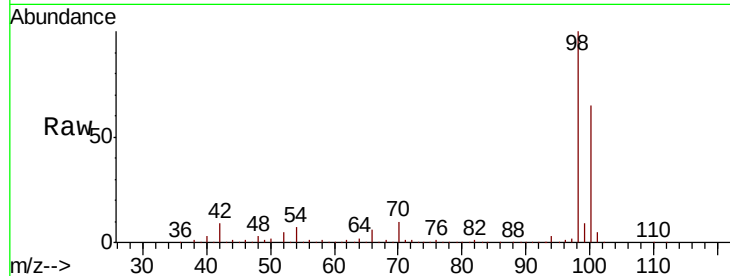




#50
Toluene-d8
Concen: 49.785 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

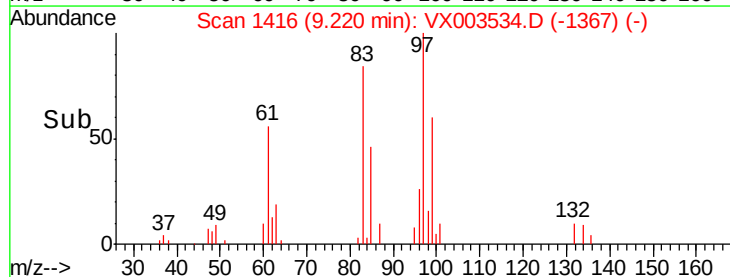
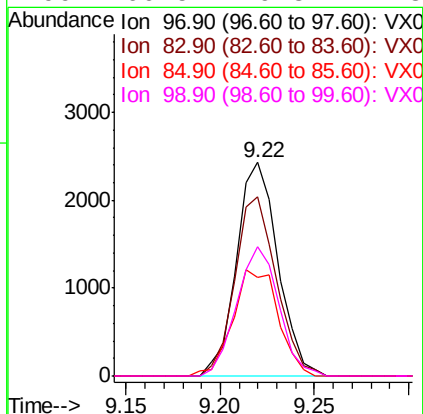
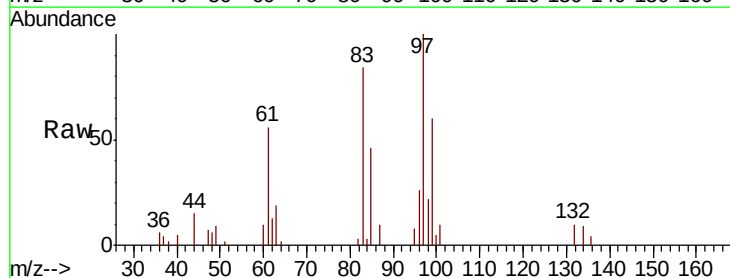
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MSVOA_X
ClientSampleId :
RE105D2-071318

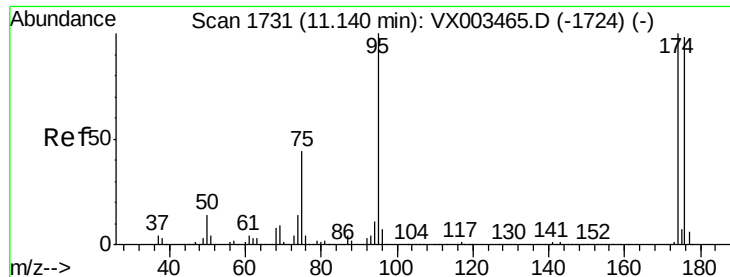
Tgt Ion: 98 Resp: 608629
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 1.060 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003534.D
Acq: 21 Jul 2018 03:09

Tgt Ion: 97 Resp: 3697
Ion Ratio Lower Upper
97 100
83 84.1 70.2 105.2
85 46.1 44.9 67.3
99 60.5 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 46.930 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-071318

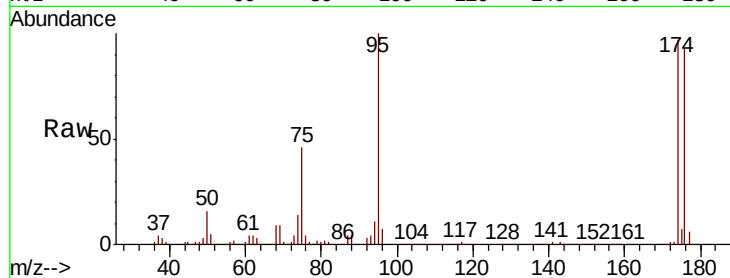
Tgt Ion: 95 Resp: 209375

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

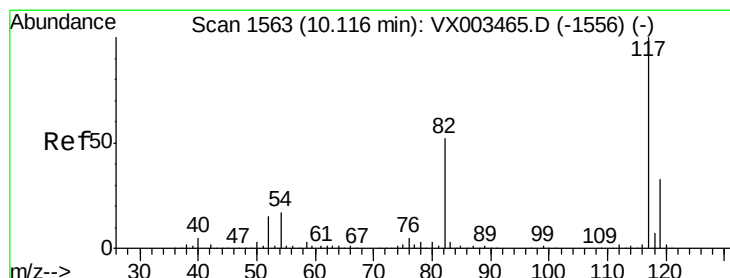
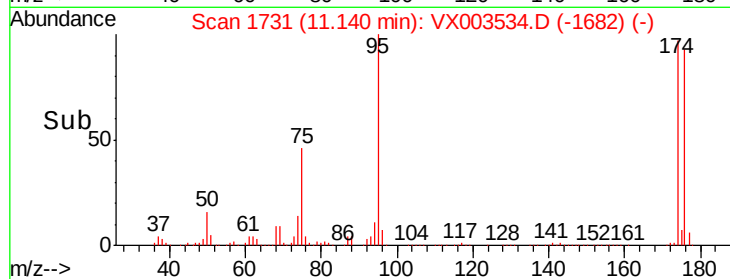
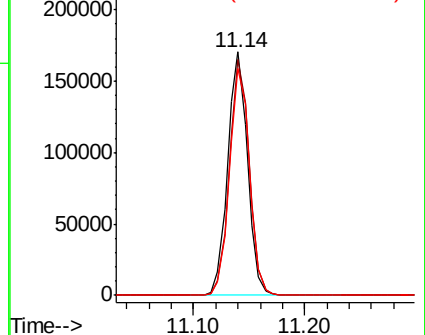
176 94.2 0.0 181.0



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: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

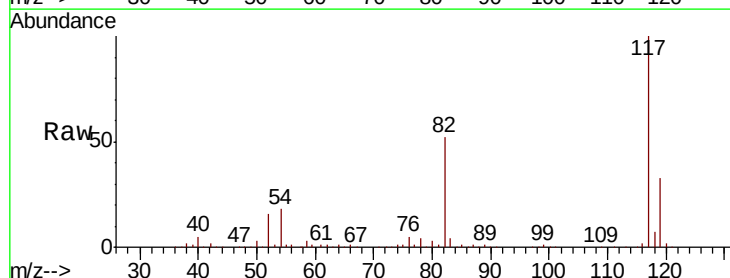
Tgt Ion: 117 Resp: 404580

Ion Ratio Lower Upper

117 100

82 52.4 45.0 67.4

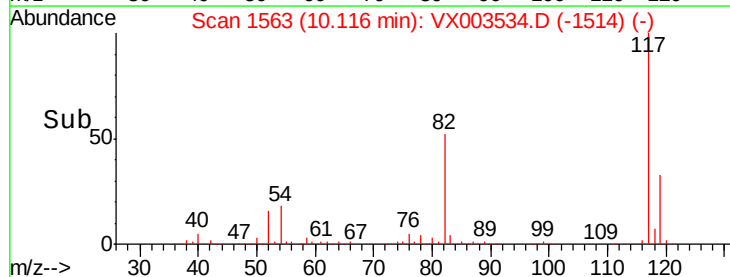
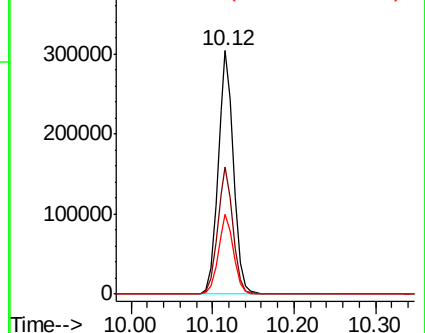
119 32.6 25.8 38.6

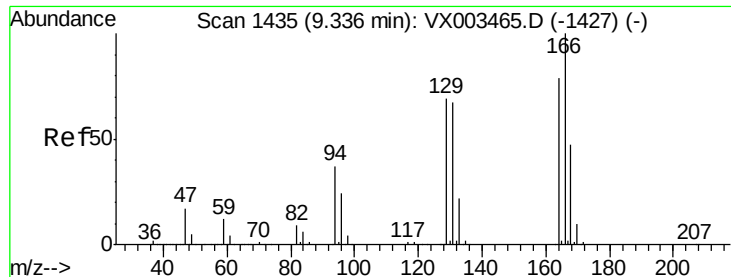


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.343 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-071318

Tgt Ion:164 Resp: 1689

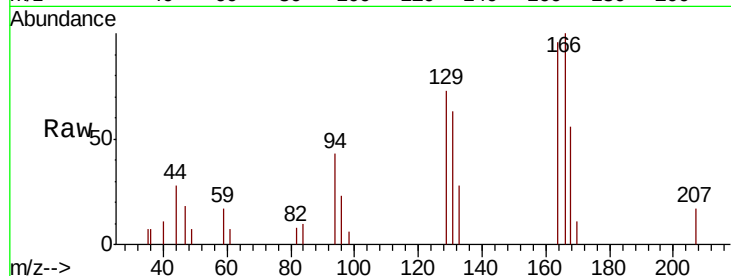
Ion Ratio Lower Upper

164 100

166 103.8 102.9 154.3

129 75.5 68.6 102.8

131 65.5 66.8 100.2#



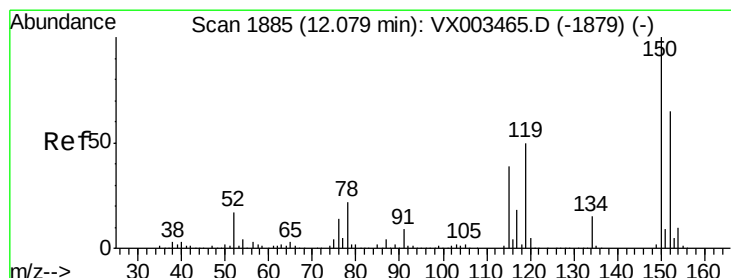
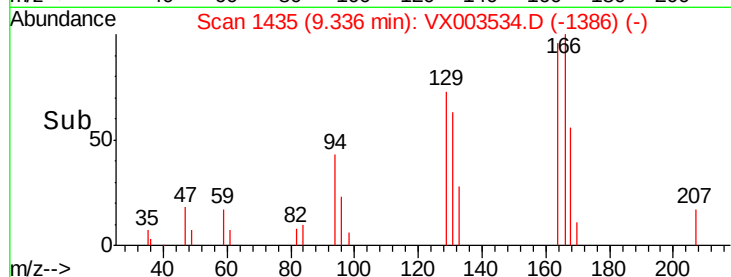
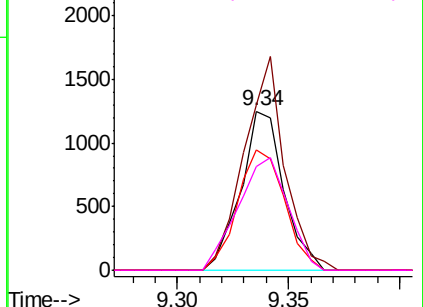
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003534.D

Acq: 21 Jul 2018 03:09

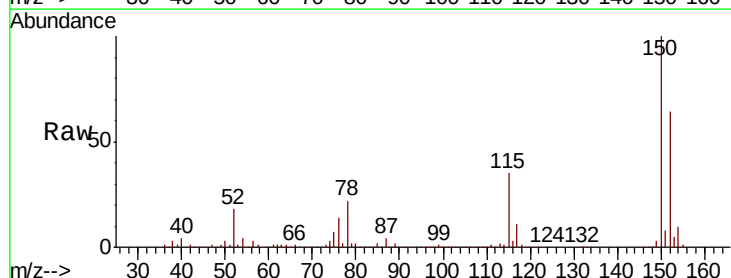
Tgt Ion:152 Resp: 224862

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 156.2 0.0 347.2



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

