

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003533.D
 Acq On : 21 Jul 2018 02:42
 Operator : JC/SP
 Sample : J4014-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-071218

Quant Time: Jul 23 12:03:09 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

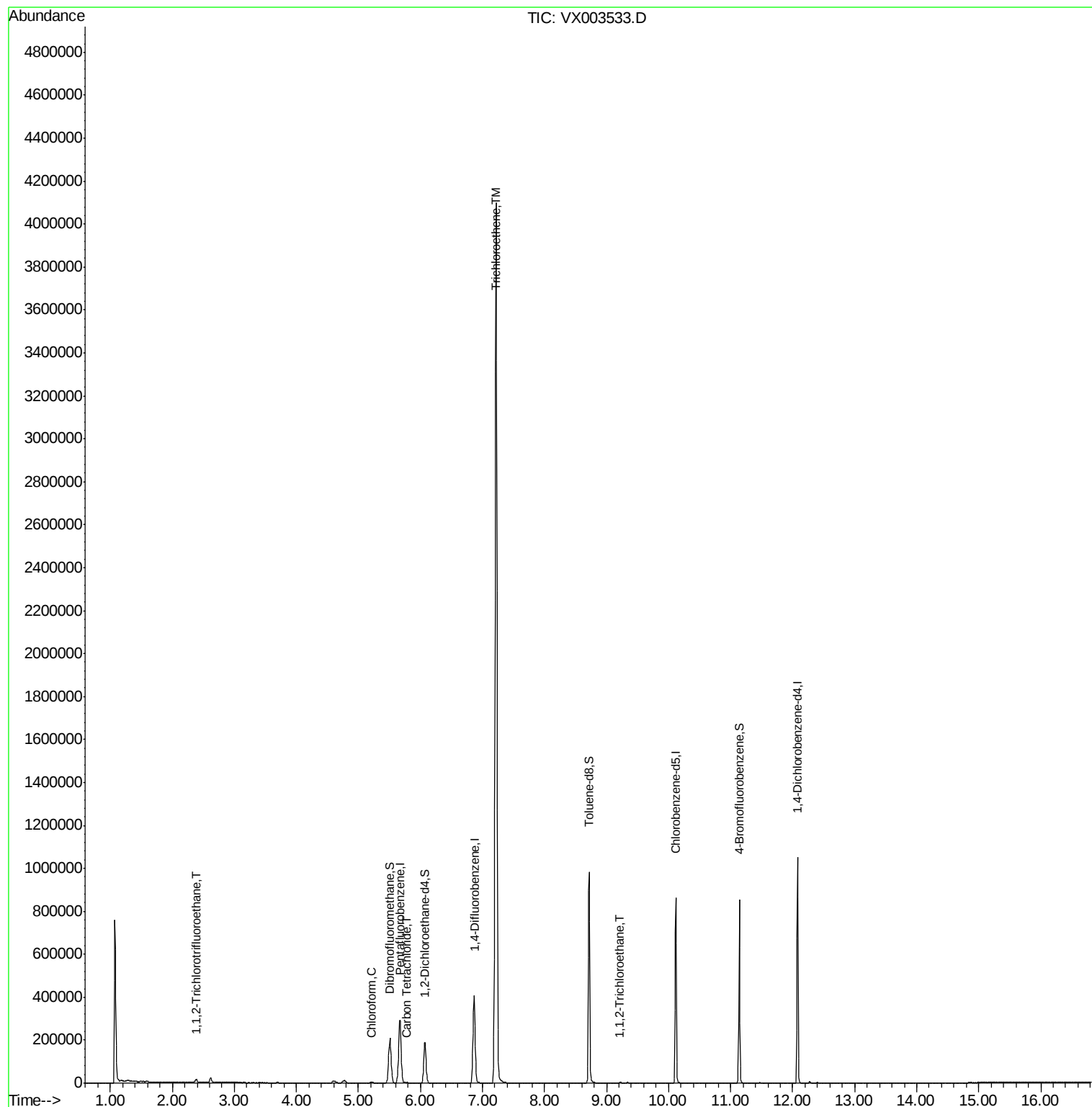
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180766	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.50	113	180658	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
50) Toluene-d8	8.72	98	617620	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	212104	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	5108	1.405	ug/l	95
30) Chloroform	5.21	83	4505	0.705	ug/l	94
38) Carbon Tetrachloride	5.78	117	1416	0.304	ug/l	91
44) Trichloroethene	7.22	130	1733178	404.904	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1379	0.384	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003533.D

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MSVOA_X

ClientSampleId :

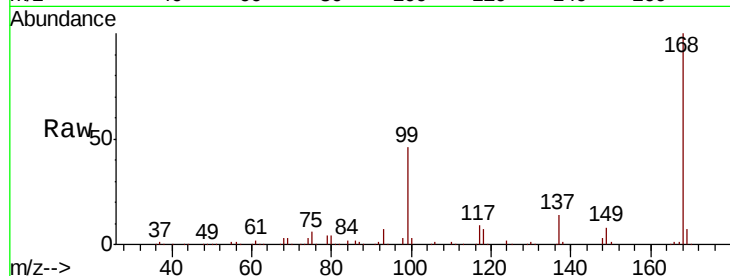
RE103D2-071218

Tgt Ion:168 Resp: 327792

Ion Ratio Lower Upper

168 100

99 46.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

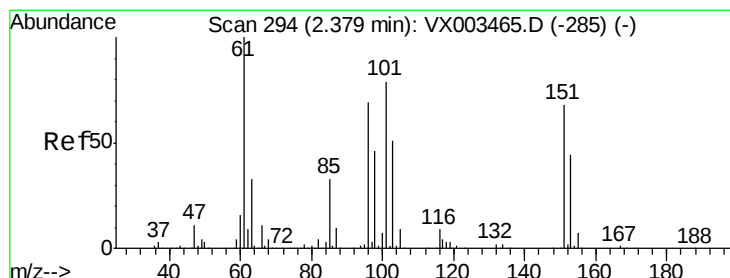
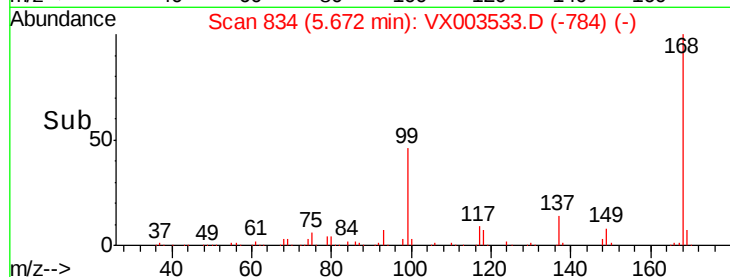
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.405 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003533.D

Acq: 21 Jul 2018 02:42

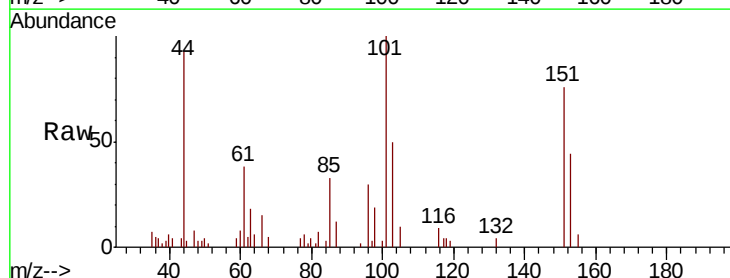
Tgt Ion:101 Resp: 5108

Ion Ratio Lower Upper

101 100

85 37.5 36.0 54.0

151 87.0 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

2.38

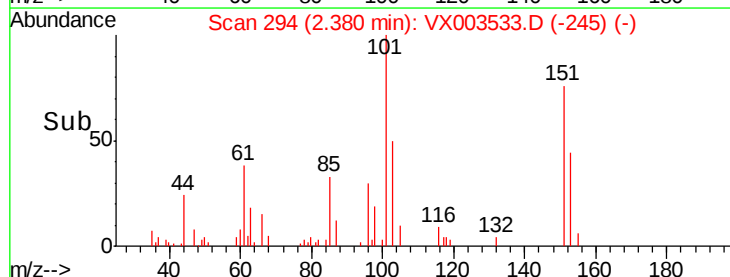
3000

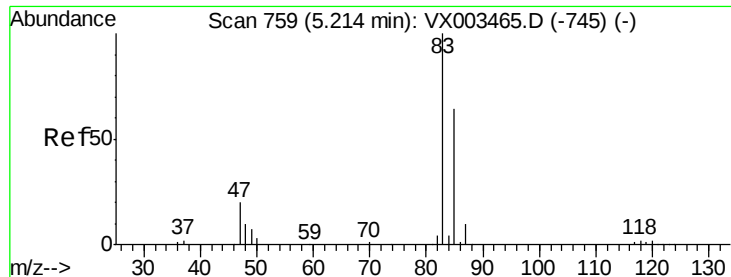
2000

1000

0

Time--> 2.30 2.35 2.40 2.45

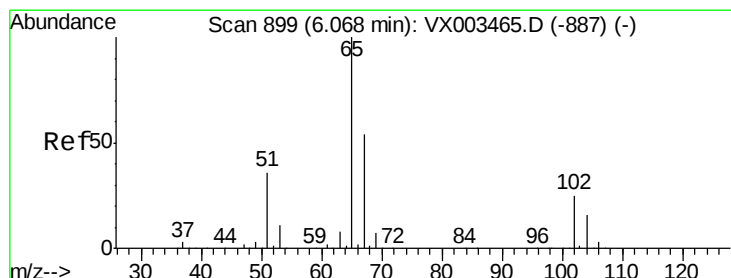
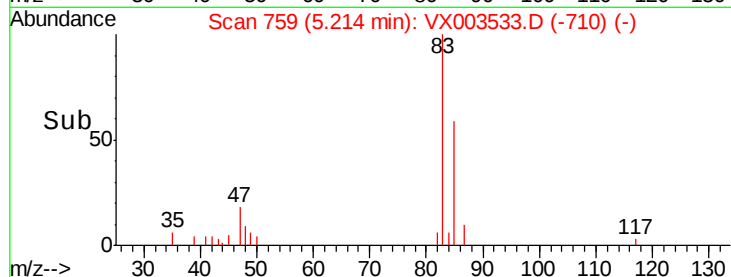
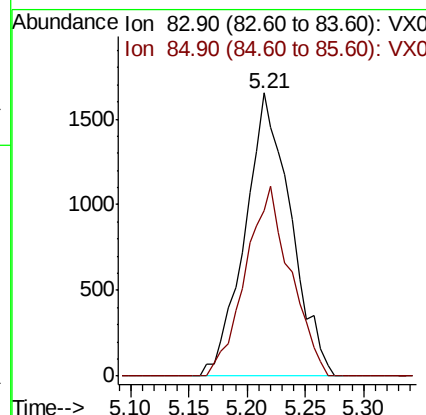
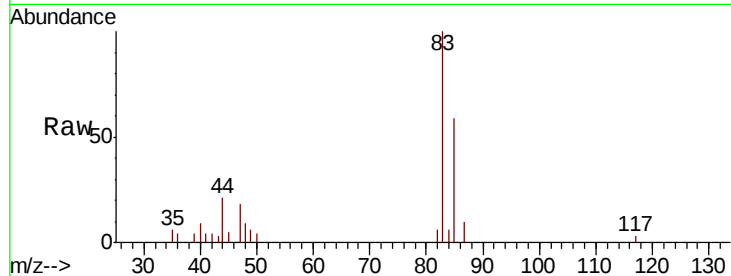




#30
Chloroform
Concen: 0.705 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

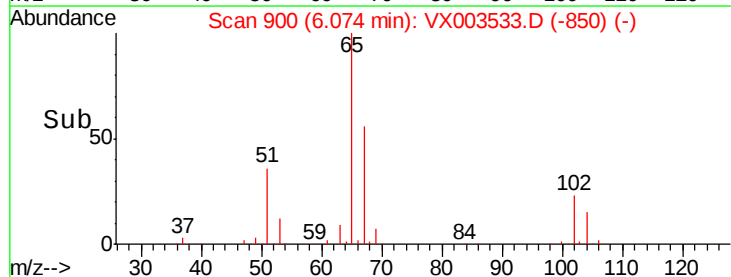
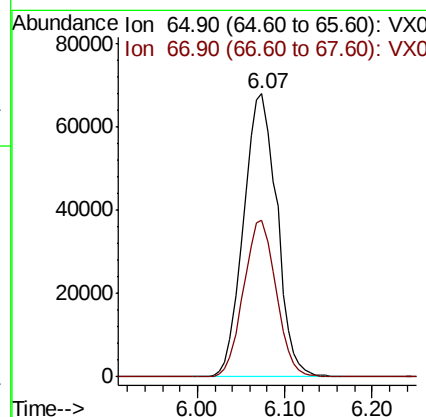
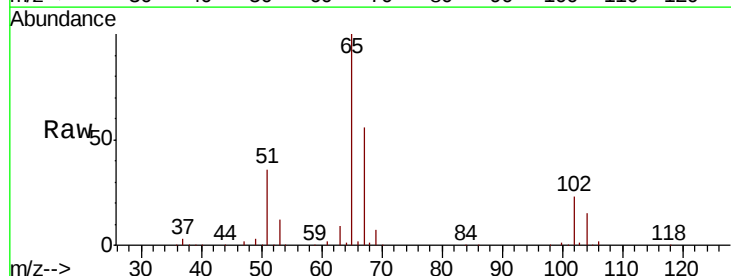
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ClientSampleId :
RE103D2-071218

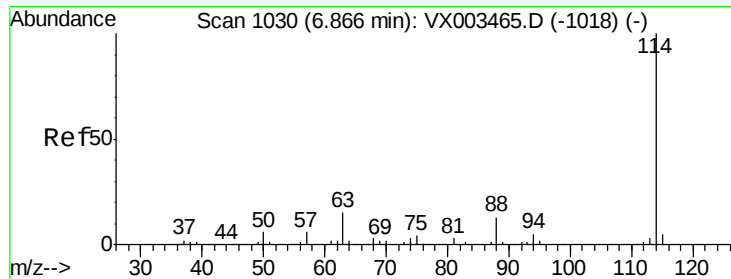
Tgt Ion: 83 Resp: 4505
Ion Ratio Lower Upper
83 100
85 58.5 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 46.587 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

Tgt Ion: 65 Resp: 180766
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.6

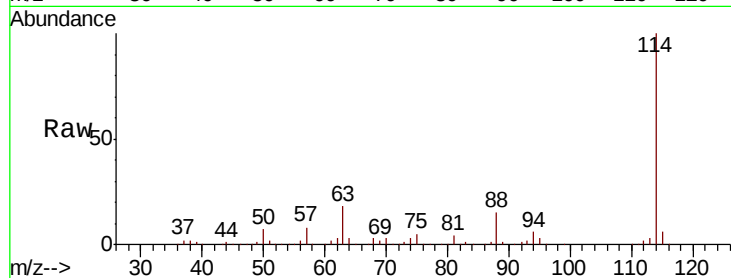




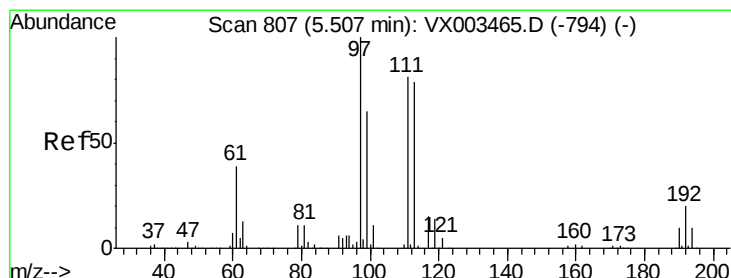
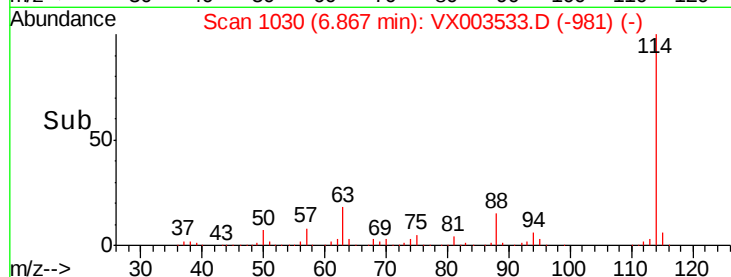
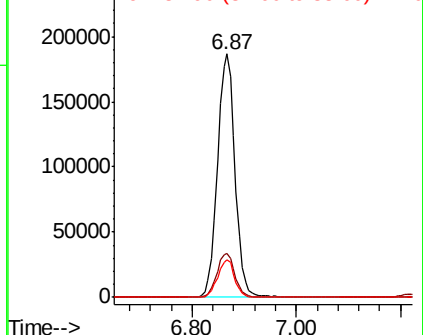
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003533.D
 Acq: 21 Jul 2018 02:42

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-071218

Tgt Ion:114 Resp: 440311
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 41.4
 88 15.2 0.0 30.0

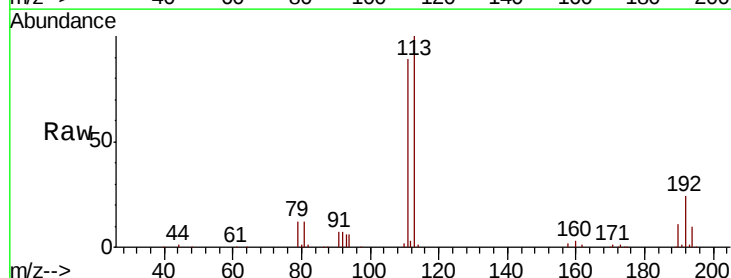


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

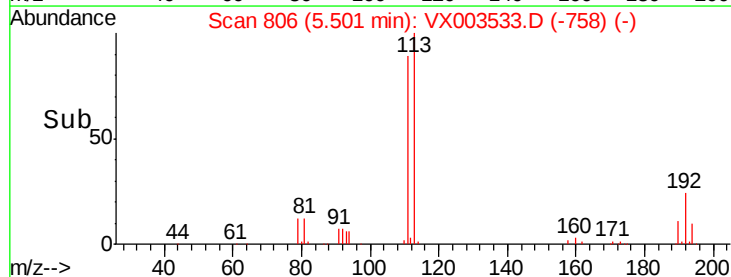
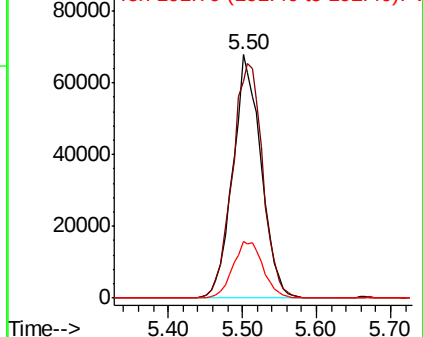


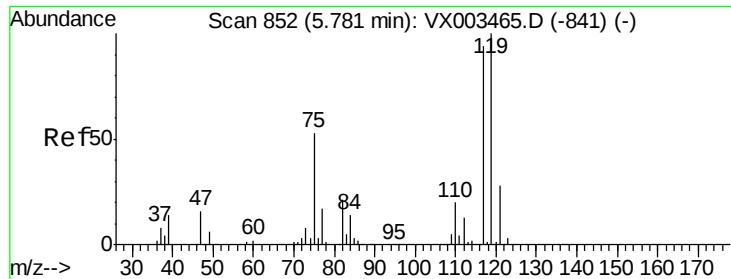
#35
 Dibromofluoromethane
 Concen: 53.868 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003533.D
 Acq: 21 Jul 2018 02:42

Tgt Ion:113 Resp: 180658
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.0
 192 24.9 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

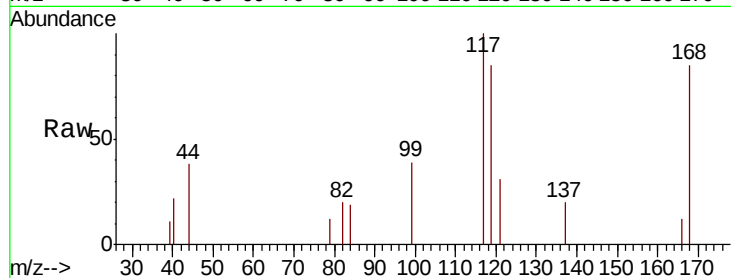




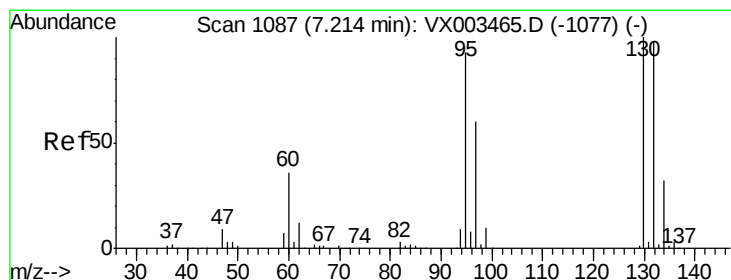
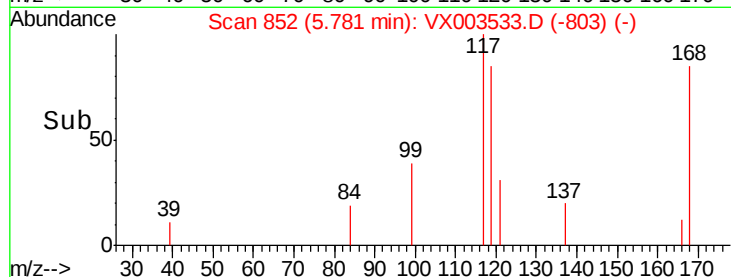
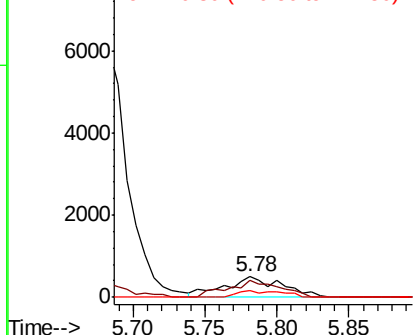
#38
Carbon Tetrachloride
Concen: 0.304 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-071218

Tgt Ion:117 Resp: 1416
Ion Ratio Lower Upper
117 100
119 85.0 77.4 116.0
121 31.3 24.4 36.6

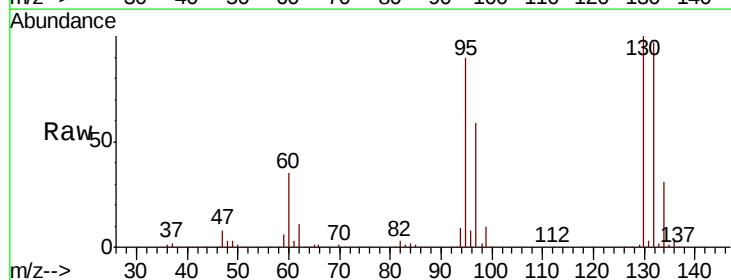


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

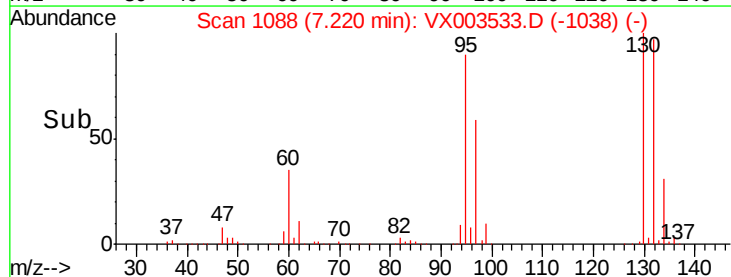
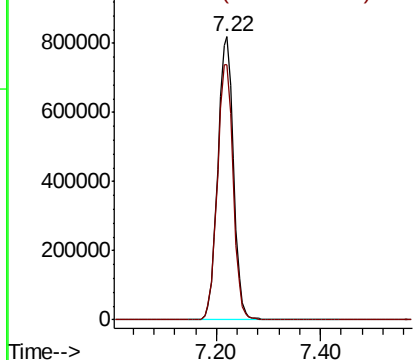


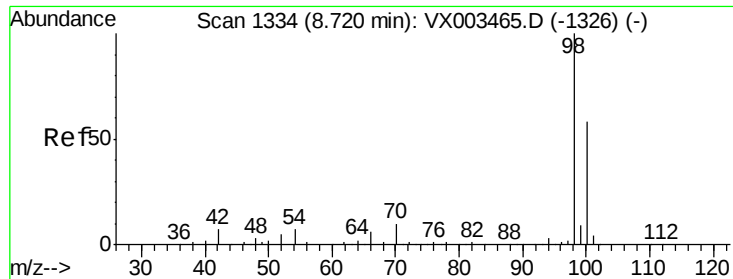
#44
Trichloroethene
Concen: 404.904 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

Tgt Ion:130 Resp: 1733178
Ion Ratio Lower Upper
130 100
95 90.2 0.0 185.4



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

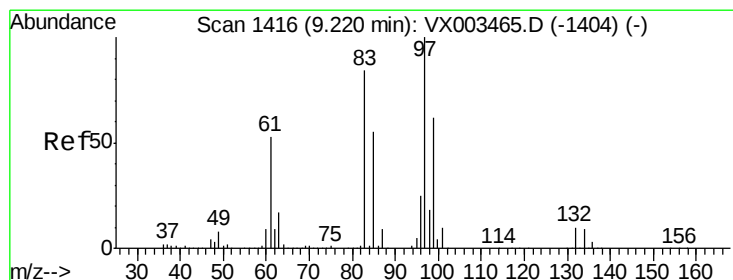
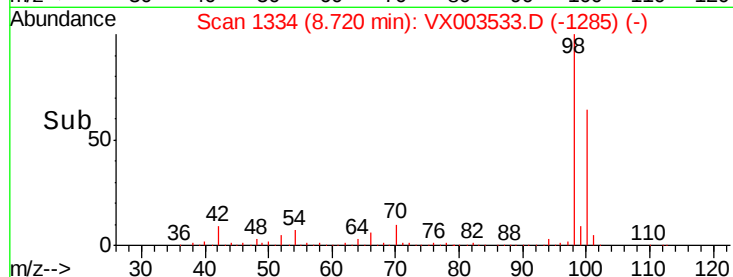
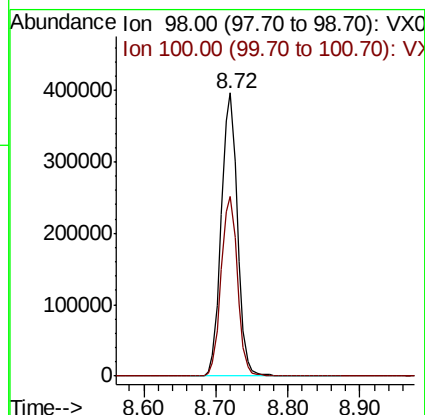
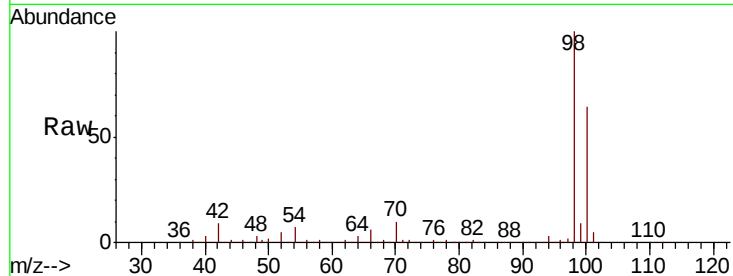




#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

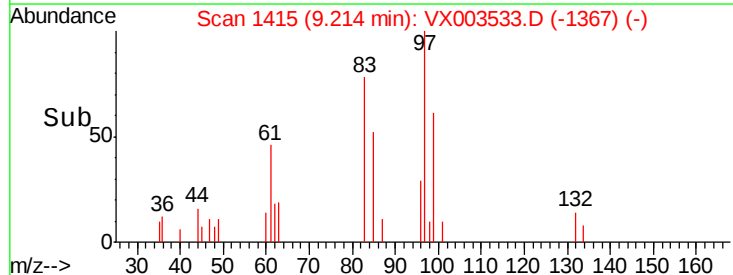
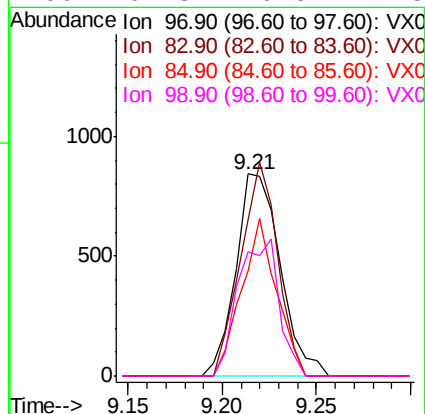
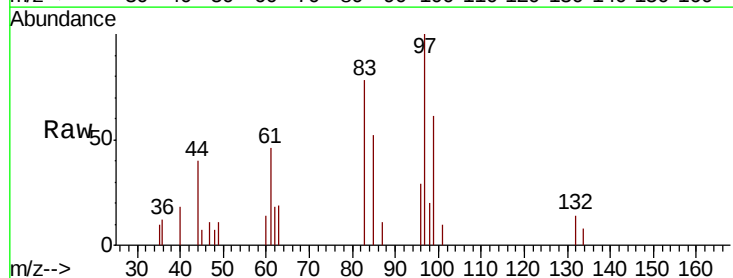
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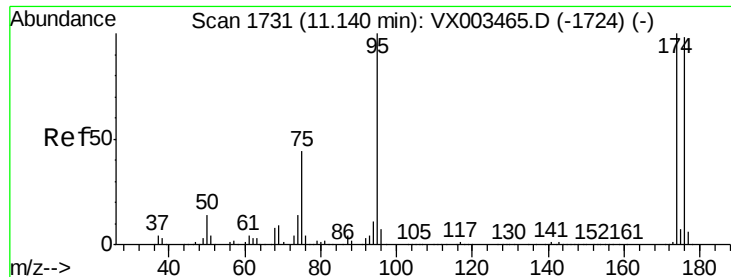
Tgt Ion: 98 Resp: 617620
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 0.384 ug/l
RT: 9.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VX003533.D
Acq: 21 Jul 2018 02:42

Tgt Ion: 97 Resp: 1379
Ion Ratio Lower Upper
97 100
83 77.7 70.2 105.2
85 52.0 44.9 67.3
99 61.3 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 46.108 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003533.D

Acq: 21 Jul 2018 02:42

Instrument :

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ClientSampleId :

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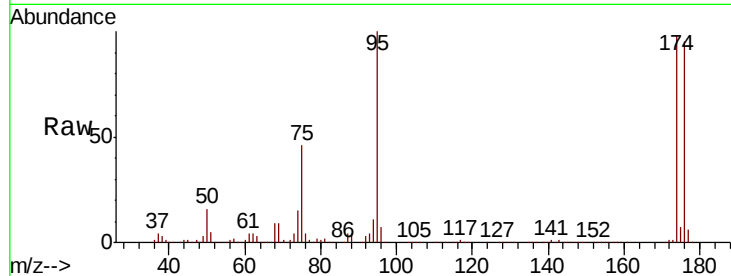
Tgt Ion: 95 Resp: 212104

Ion Ratio Lower Upper

95 100

174 98.2 0.0 187.4

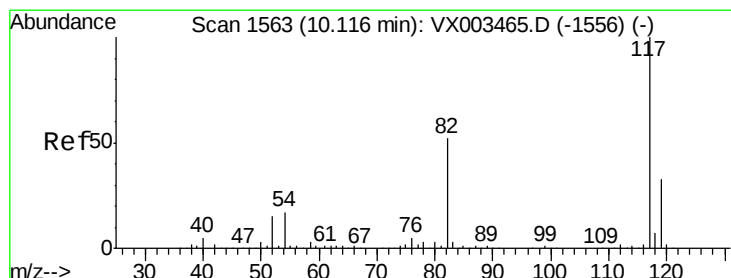
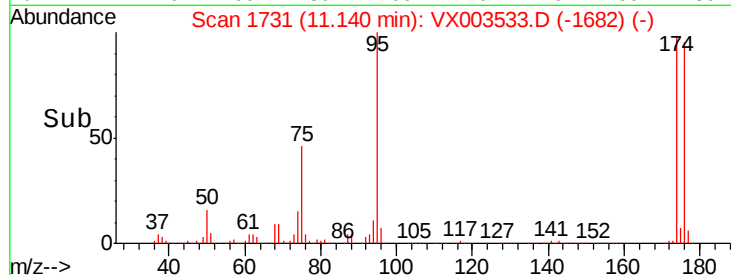
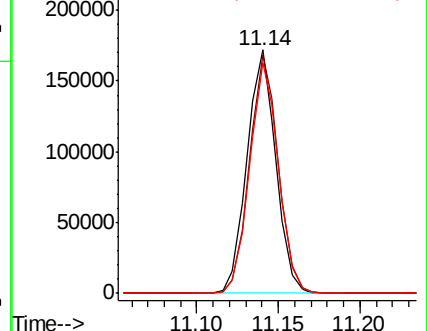
176 95.0 0.0 181.0



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: VX003533.D

Acq: 21 Jul 2018 02:42

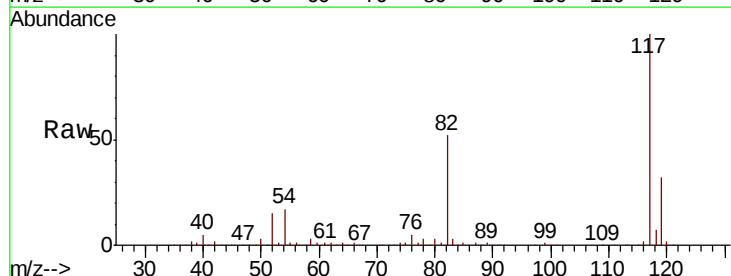
Tgt Ion: 117 Resp: 412929

Ion Ratio Lower Upper

117 100

82 51.5 45.0 67.4

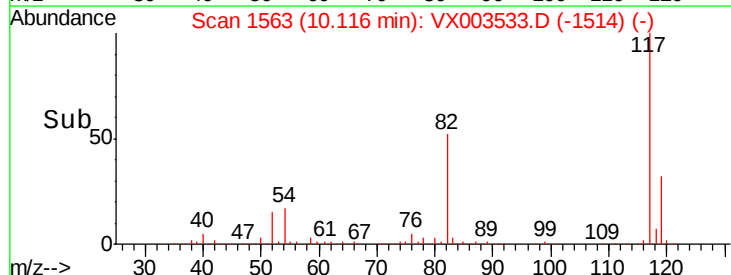
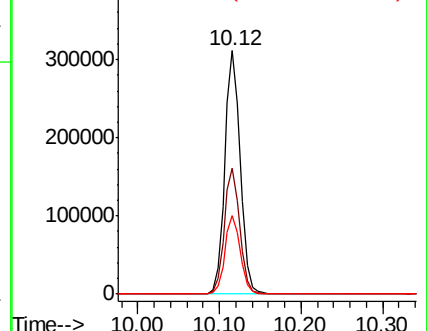
119 32.2 25.8 38.6

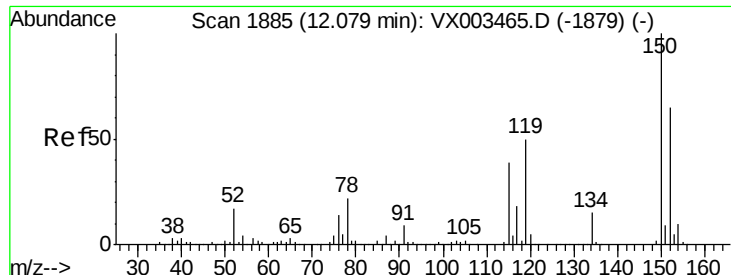


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003533.D

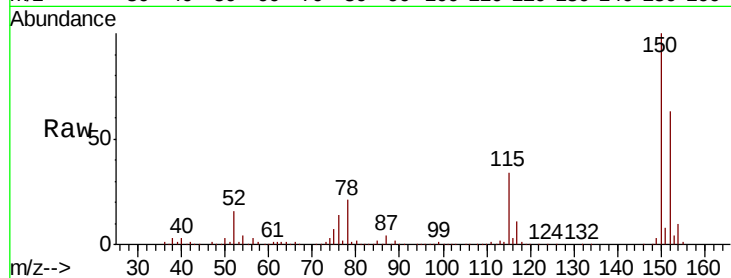
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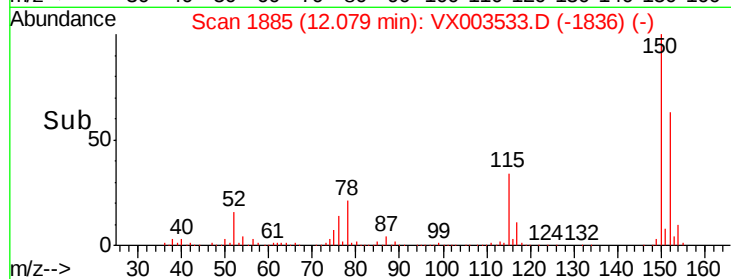
Tgt Ion:152 Resp: 229563

Ion Ratio Lower Upper

152 100

115 53.2 40.1 120.2

150 155.8 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

