

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005265.D
 Acq On : 11 Oct 2018 20:27
 Operator : JC/MD
 Sample : J5393-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP05-20181008

Quant Time: Oct 12 07:50:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130951	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	120936	55.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	8.72	98	385207	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	136746	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	

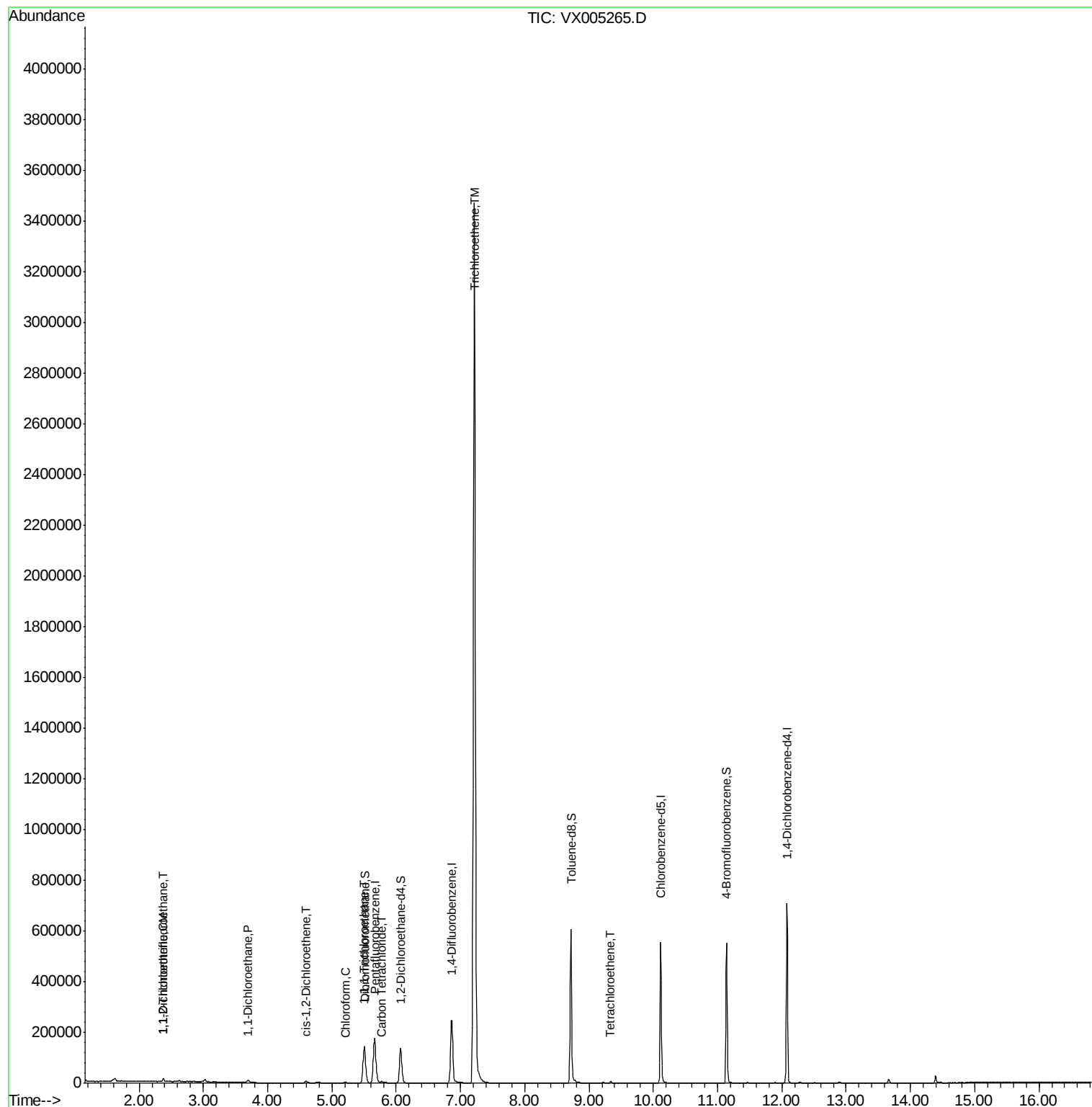
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1577	0.79	ug/l	95
12) 1,1-Dichloroethene	2.37	96	3455	1.75	ug/l	93
24) 1,1-Dichloroethane	3.70	63	7126	1.65	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	4095	1.70	ug/l	58
30) Chloroform	5.21	83	2181	0.53	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	1774	0.53	ug/l #	50
38) Carbon Tetrachloride	5.77	117	2632	0.84	ug/l #	87
44) Trichloroethene	7.21	130	1388690	604.52	ug/l	96
64) Tetrachloroethene	9.33	164	1244	0.48	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

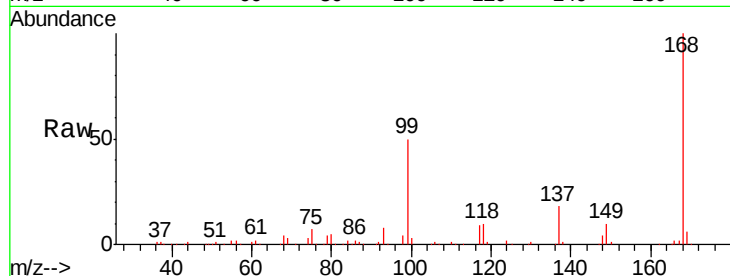
TT-DUP05-20181008

Tgt Ion:168 Resp: 181708

Ion Ratio Lower Upper

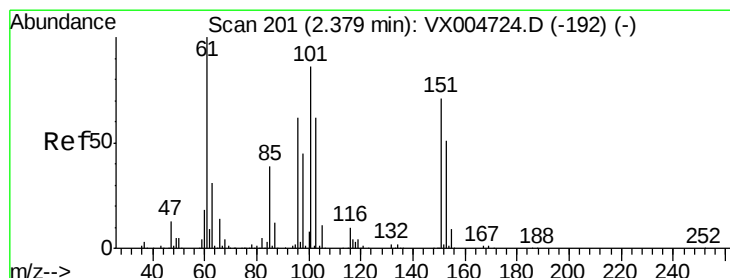
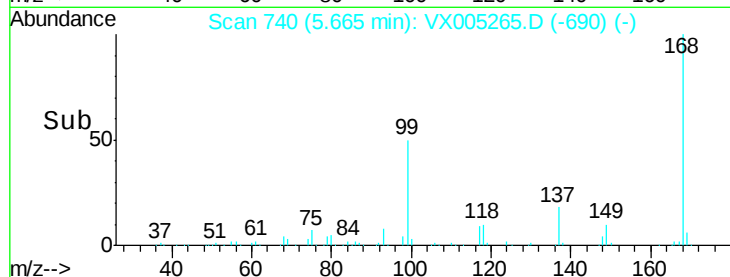
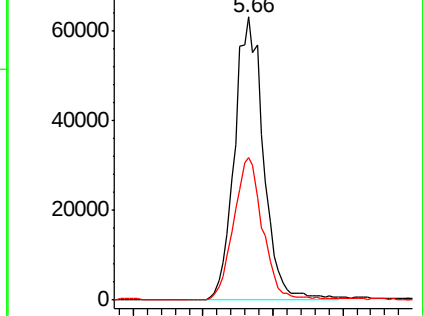
168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.79 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

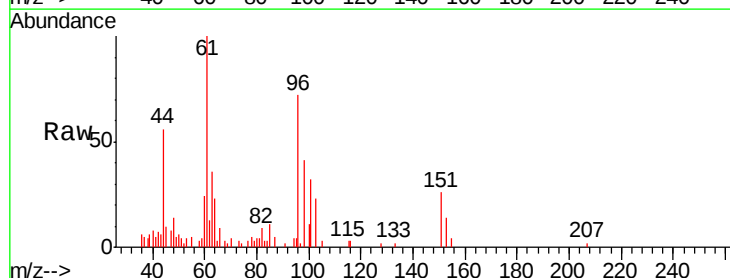
Tgt Ion:101 Resp: 1577

Ion Ratio Lower Upper

101 100

85 47.4 35.9 53.9

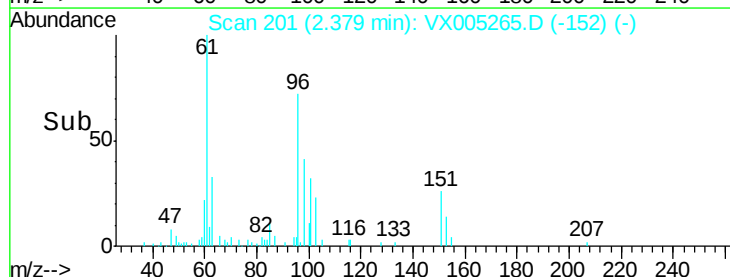
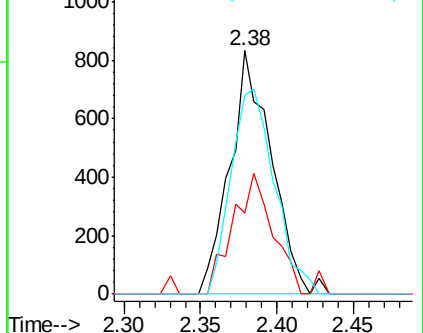
151 88.0 66.6 100.0

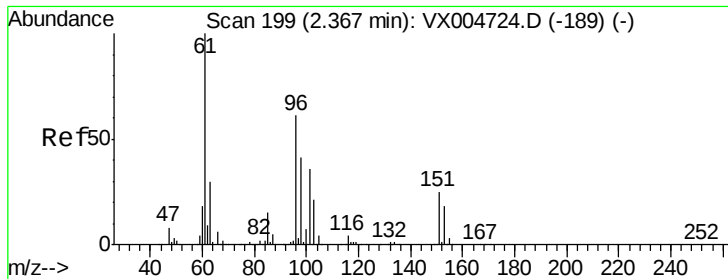


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.75 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP05-20181008

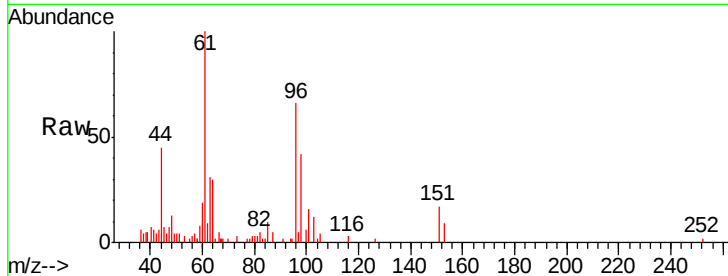
Tgt Ion: 96 Resp: 3455

Ion Ratio Lower Upper

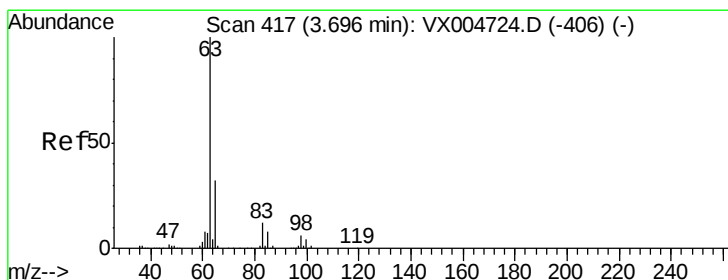
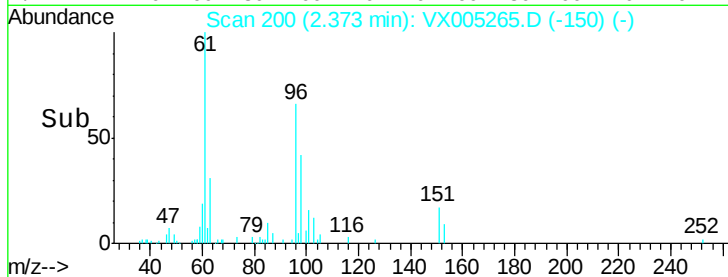
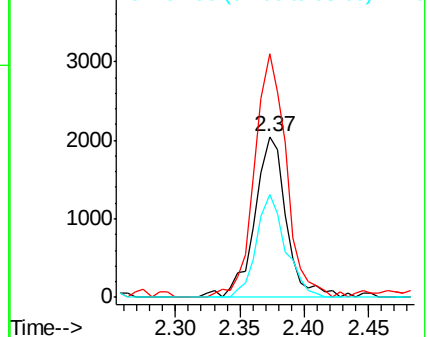
96 100

61 151.6 130.2 195.4

98 64.0 53.4 80.0



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: 1.65 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

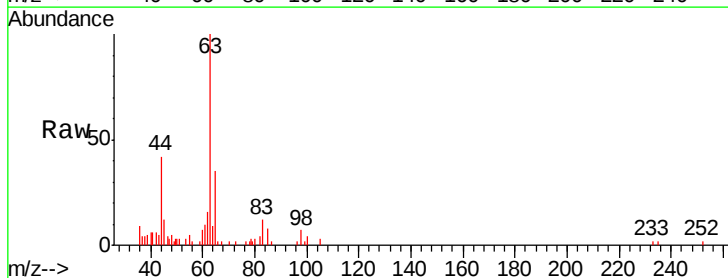
Tgt Ion: 63 Resp: 7126

Ion Ratio Lower Upper

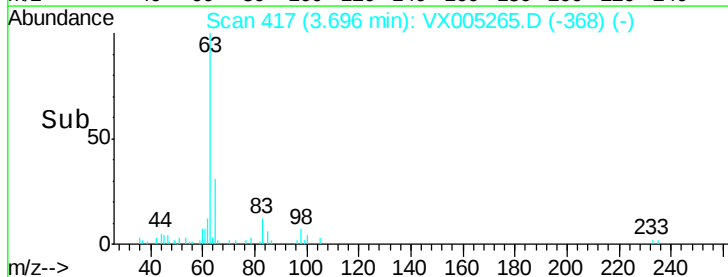
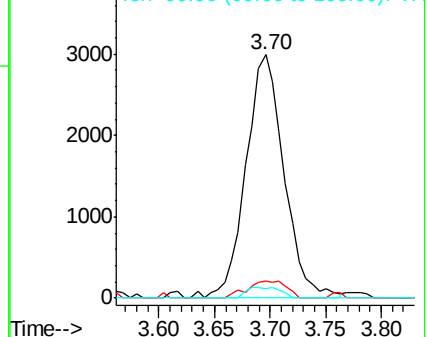
63 100

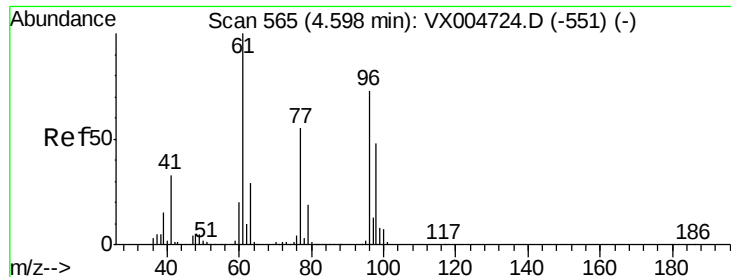
98 7.1 3.0 9.2

100 3.9 2.0 5.8



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: 1.70 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP05-20181008

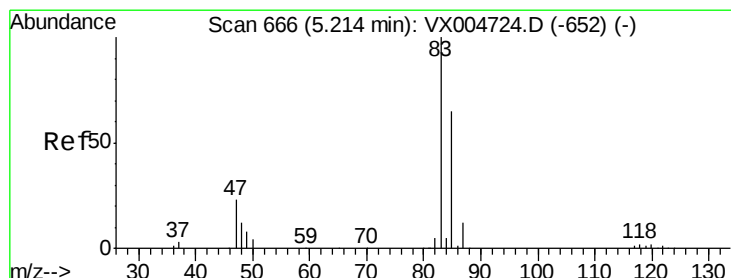
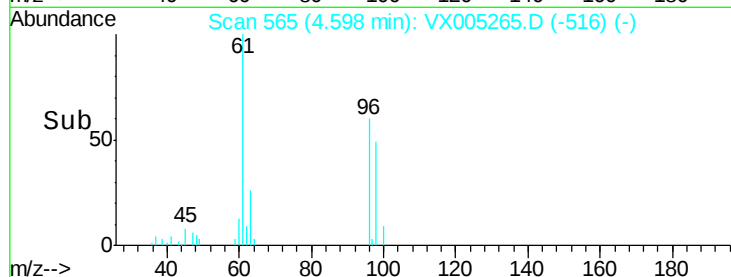
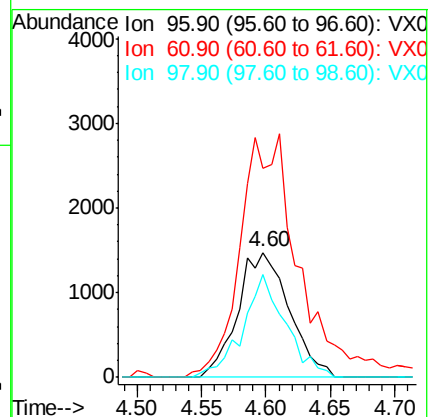
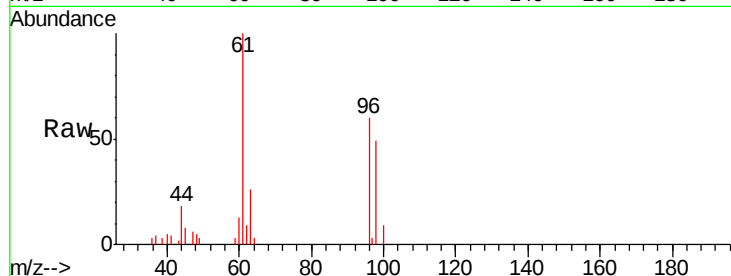
Tgt Ion: 96 Resp: 4095

Ion Ratio Lower Upper

96 100

61 219.3 0.0 285.8

98 68.0 0.0 136.2



#30

Chloroform

Concen: 0.53 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005265.D

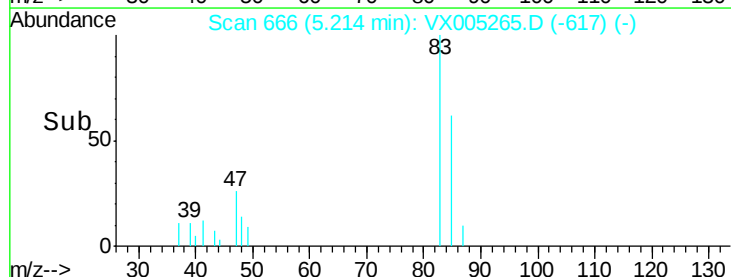
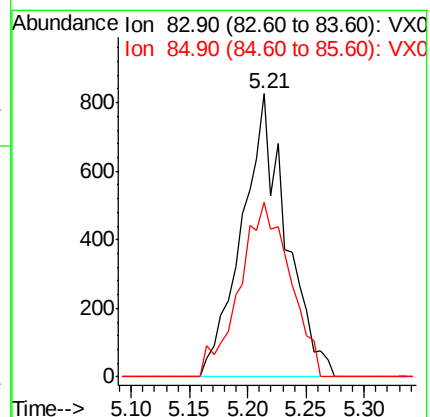
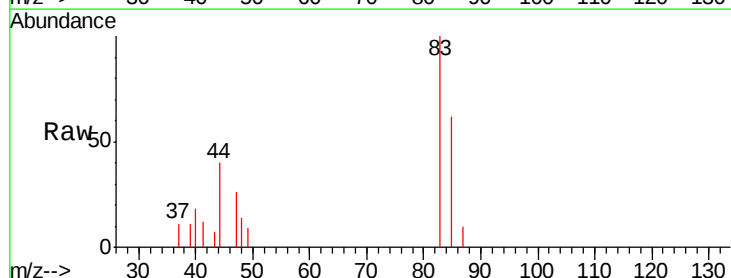
Acq: 11 Oct 2018 20:27

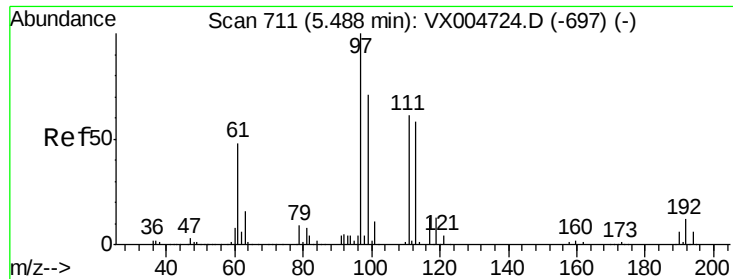
Tgt Ion: 83 Resp: 2181

Ion Ratio Lower Upper

83 100

85 61.6 52.4 78.6





#32

1,1,1-Trichloroethane

Concen: 0.53 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP05-20181008

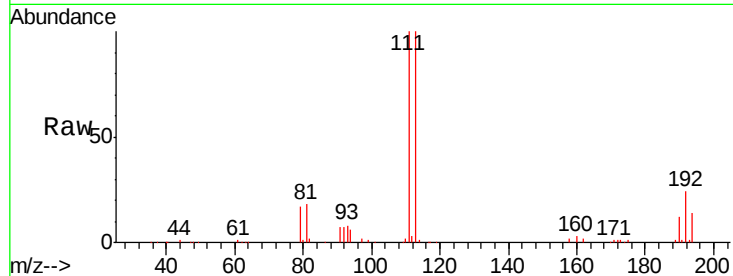
Tgt Ion: 97 Resp: 1774

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

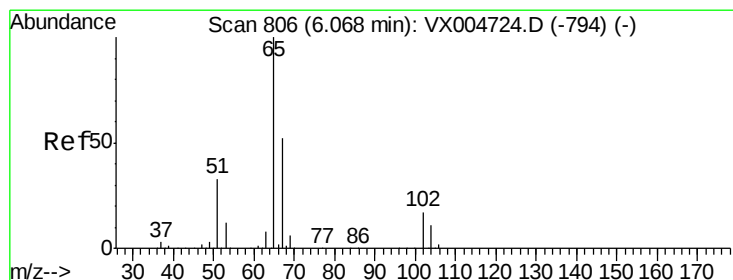
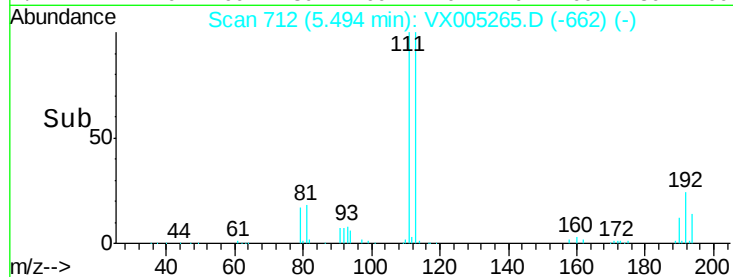
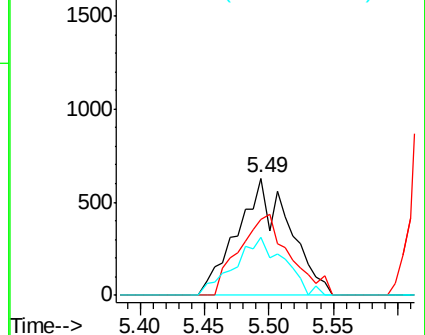
61 46.9 37.5 56.3



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: 50.45 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005265.D

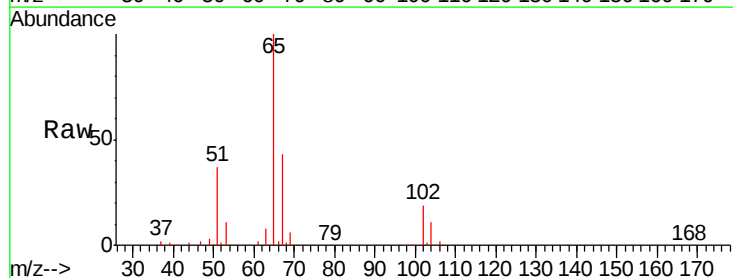
Acq: 11 Oct 2018 20:27

Tgt Ion: 65 Resp: 130951

Ion Ratio Lower Upper

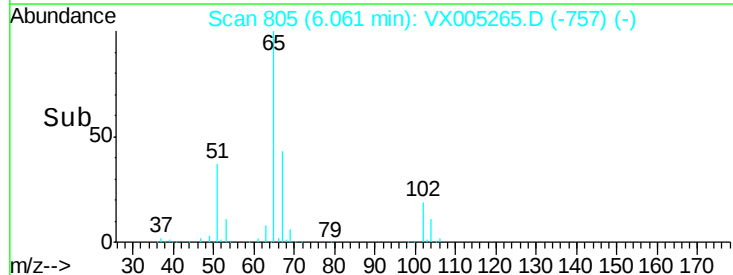
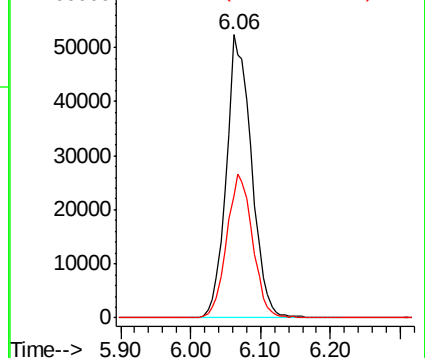
65 100

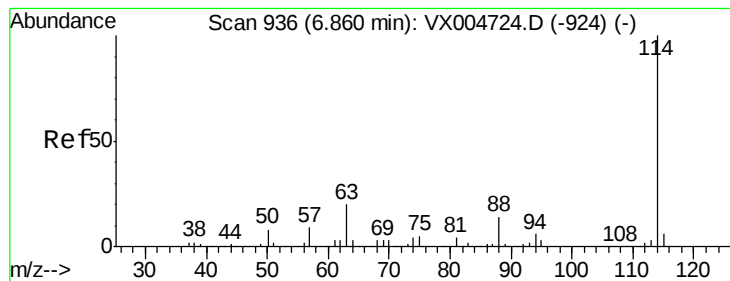
67 52.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP05-20181008

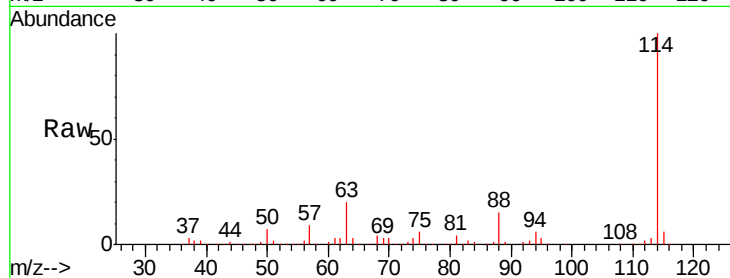
Tgt Ion:114 Resp: 258129

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

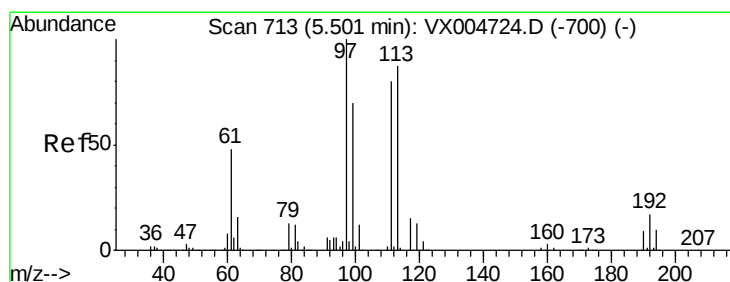
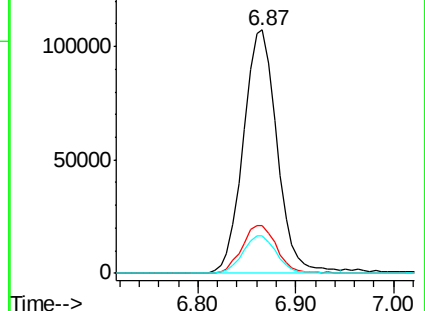
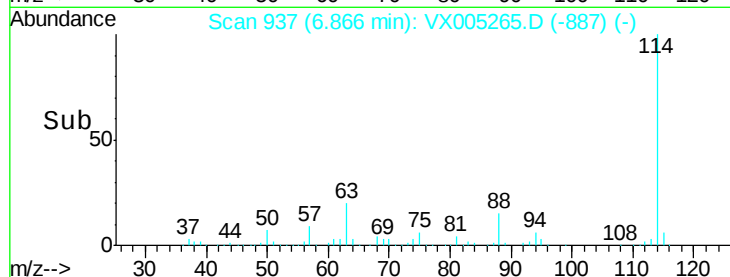
88 15.2 0.0 27.0



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: 55.28 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

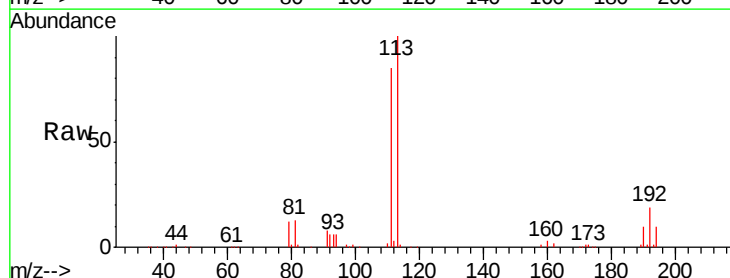
Tgt Ion:113 Resp: 120936

Ion Ratio Lower Upper

113 100

111 98.7 77.0 115.4

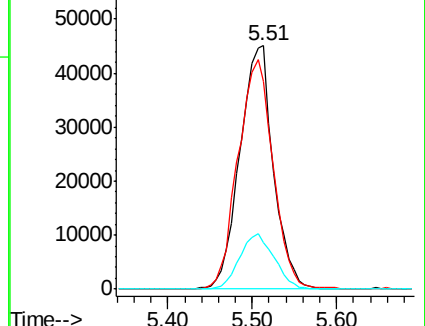
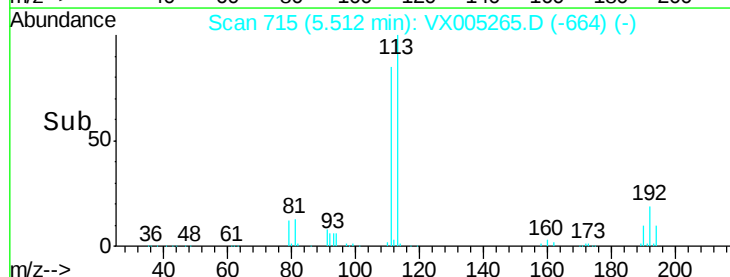
192 23.6 17.0 25.6

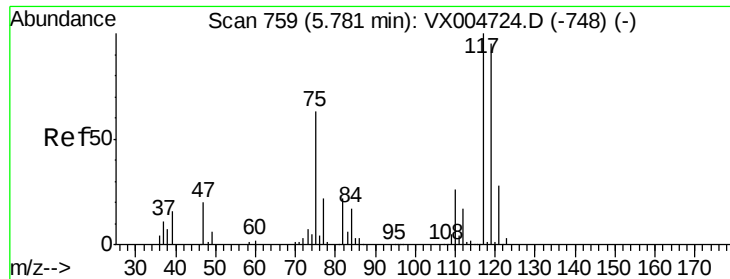


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

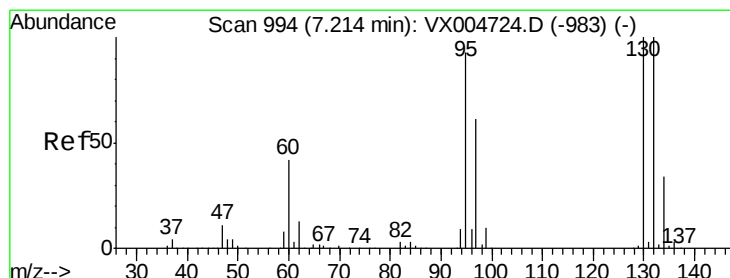
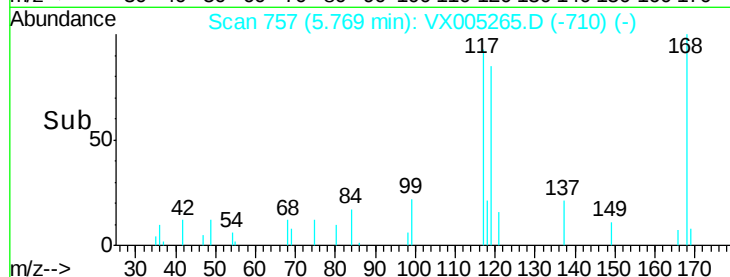
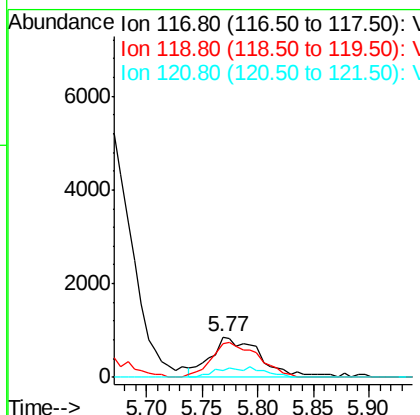
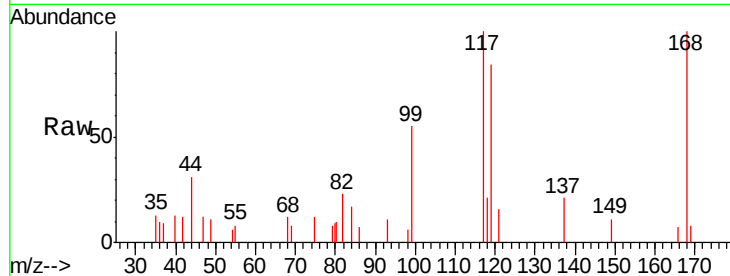




#38
Carbon Tetrachloride
Concen: 0.84 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

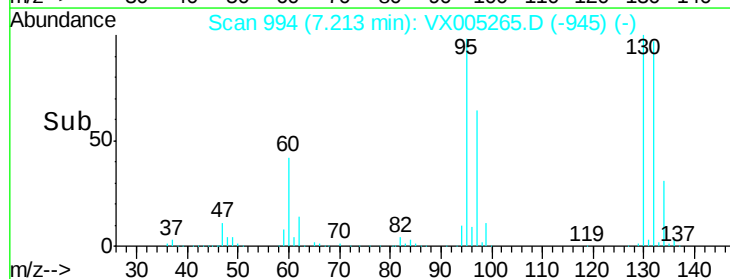
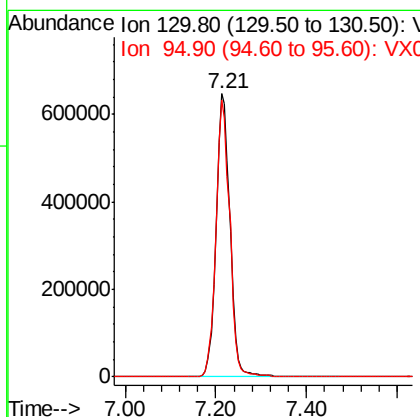
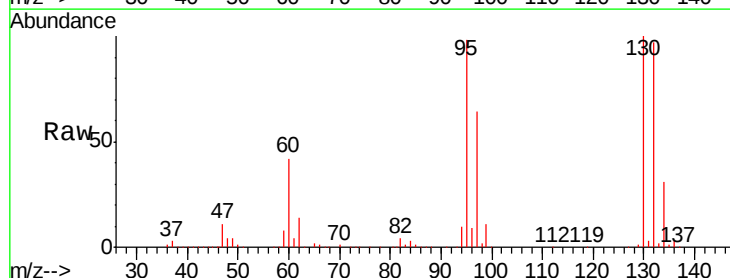
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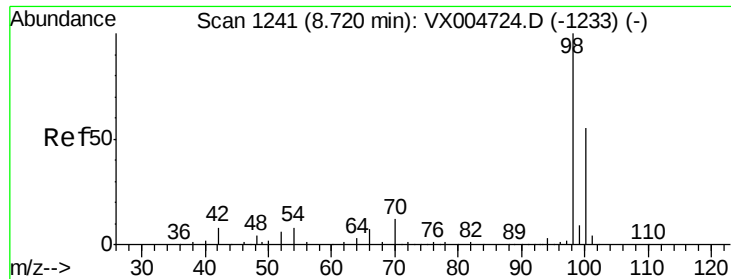
Tgt Ion:117 Resp: 2632
Ion Ratio Lower Upper
117 100
119 84.1 75.2 112.8
121 16.3 22.5 33.7#



#44
Trichloroethene
Concen: 604.52 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion:130 Resp: 1388690
Ion Ratio Lower Upper
130 100
95 97.7 0.0 186.8

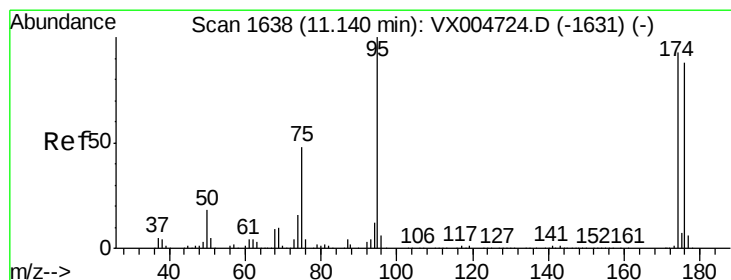
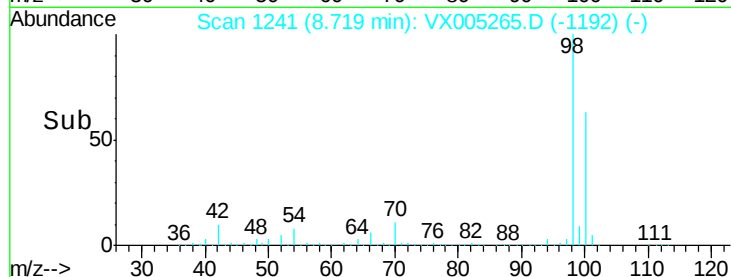
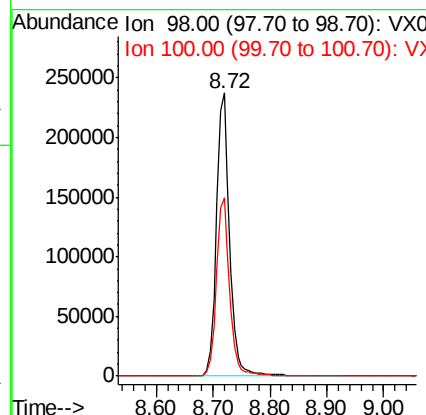
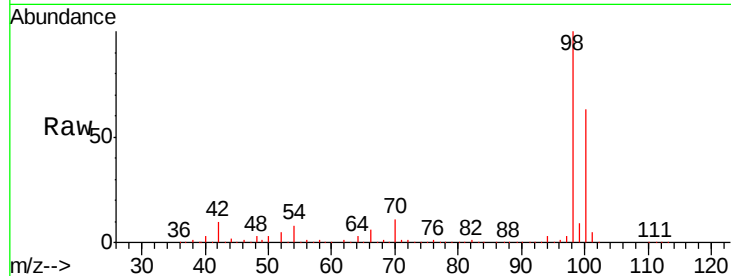




#50
Toluene-d8
Concen: 52.96 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

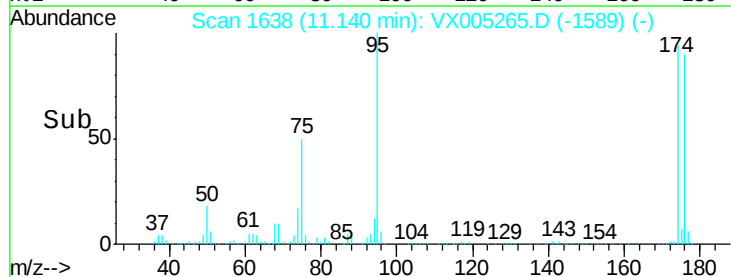
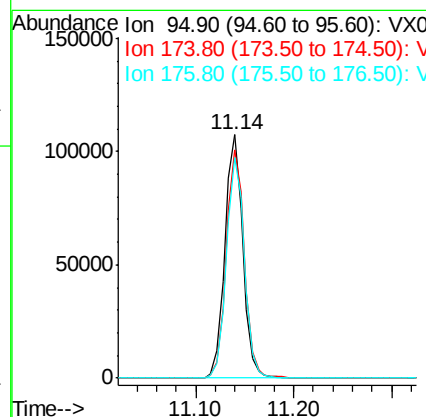
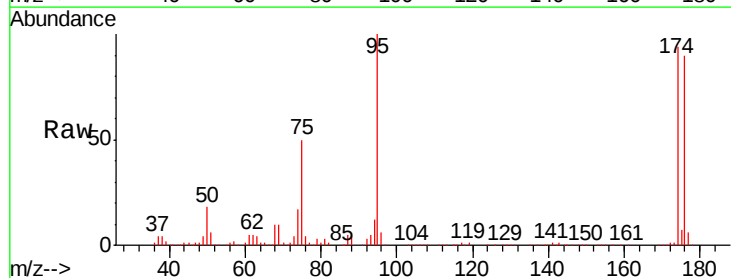
Instrument :
MSVOA_X
ClientSampleId :
TT-DUP05-20181008

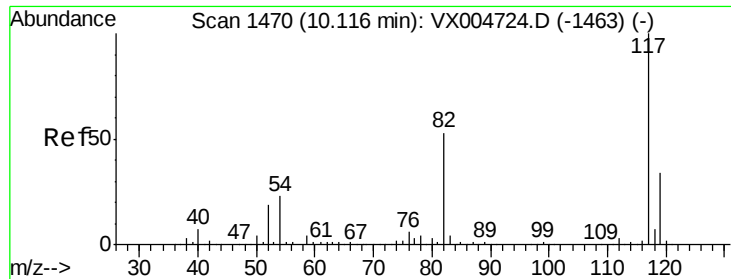
Tgt Ion: 98 Resp: 385207
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.19 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion: 95 Resp: 136746
Ion Ratio Lower Upper
95 100
174 95.1 0.0 185.0
176 91.0 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

TT-DUP05-20181008

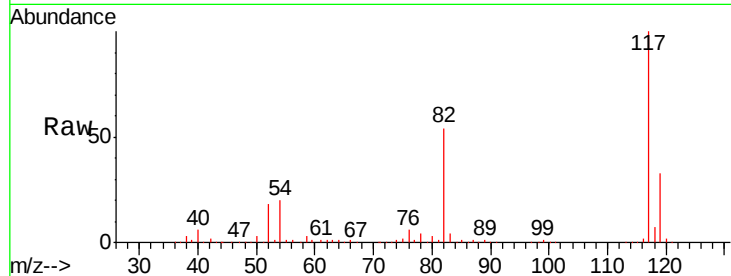
Tgt Ion:117 Resp: 263286

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

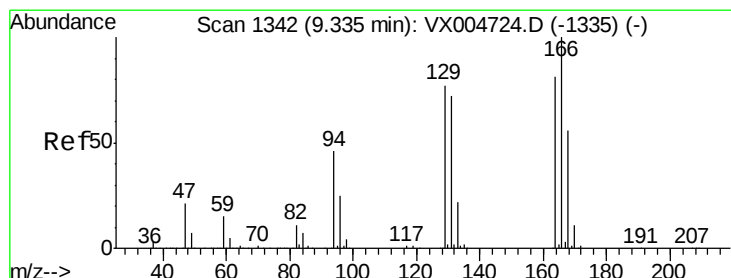
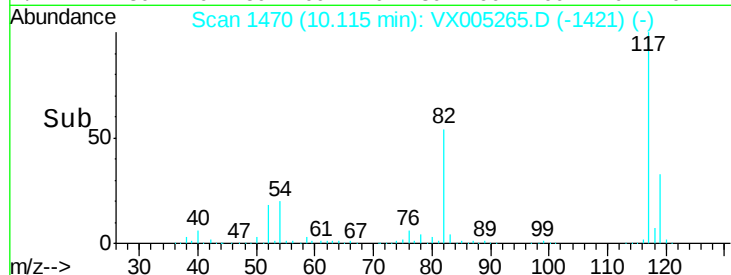
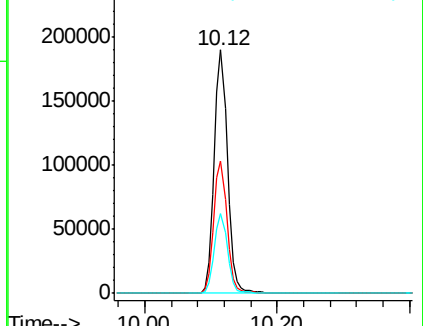
119 32.6 27.4 41.0



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



#64

Tetrachloroethene

Concen: 0.48 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Tgt Ion:164 Resp: 1244

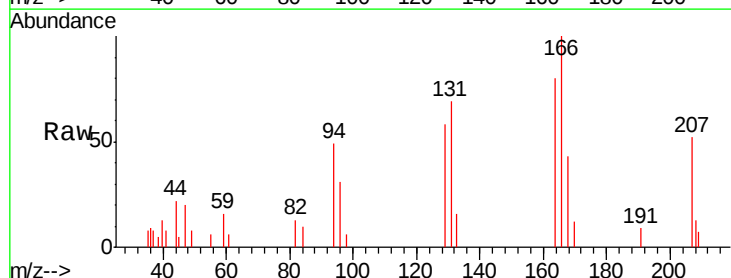
Ion Ratio Lower Upper

164 100

166 124.4 98.4 147.6

129 71.7 76.1 114.1#

131 85.5 71.0 106.4

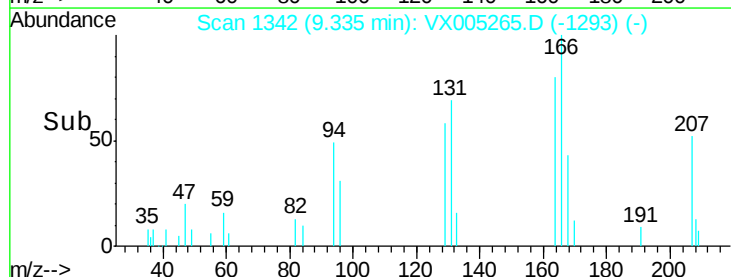
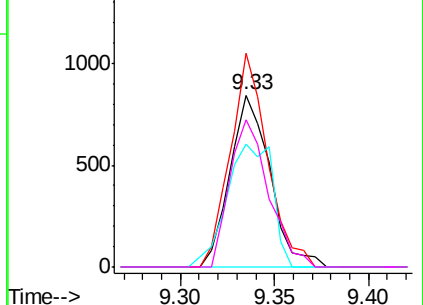


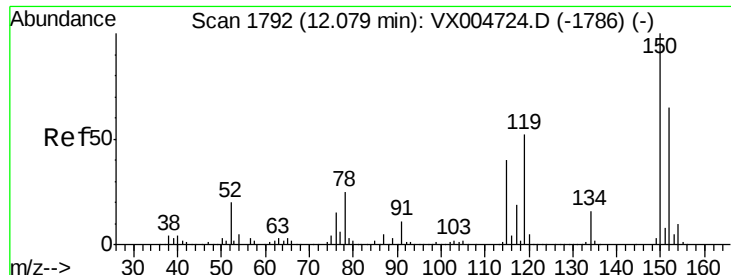
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005265.D
 Acq: 11 Oct 2018 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-DUP05-20181008

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.2	120.6
150	157.0	0.0	351.0

