

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003627.D
 Acq On : 24 Jul 2018 02:43
 Operator : JC/SP
 Sample : J4073-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW04-071718

Quant Time: Aug 02 11:44:20 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	260306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199800	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	150196	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.51	113	140773	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	8.72	98	527101	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	179972	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	

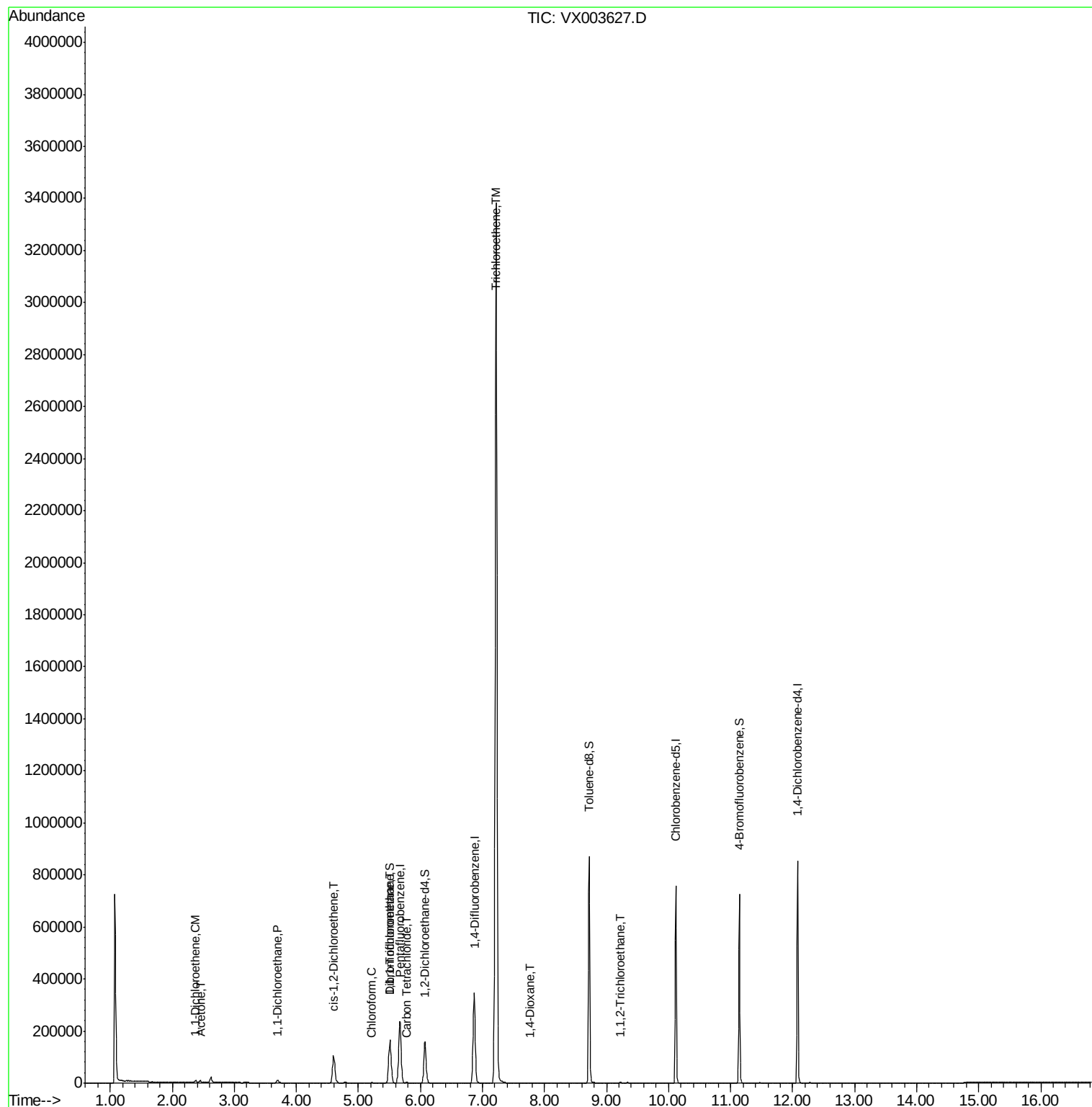
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	2315	0.87	ug/l	87
16) Acetone	2.45	43	6297	5.41	ug/l	91
24) 1,1-Dichloroethane	3.70	63	10951	2.11	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	70024	21.26	ug/l	88
30) Chloroform	5.22	83	2255	0.44	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	1882	0.43	ug/l #	47
38) Carbon Tetrachloride	5.78	117	1626	0.41	ug/l #	83
44) Trichloroethene	7.22	130	1408635	388.78	ug/l	96
49) 1,4-Dioxane	7.76	88	801	11.57	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	1216	0.40	ug/l #	93

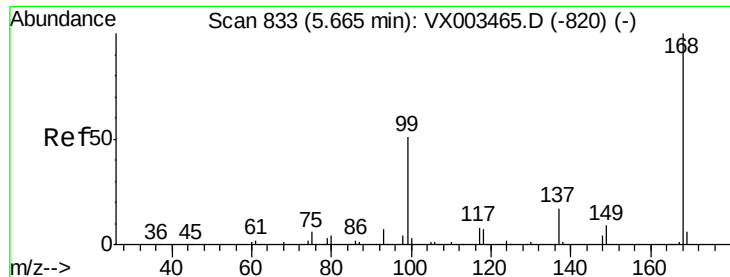
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

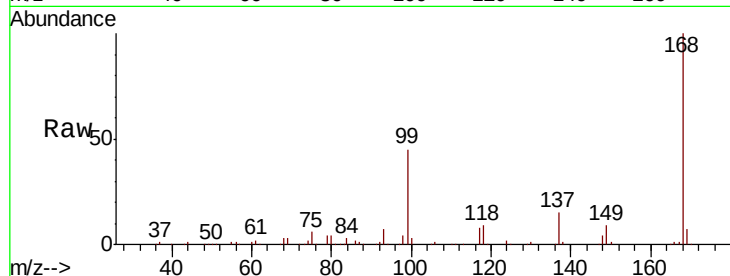
GW04-071718

Tot Ion:168 Resp: 260306

Ion Ratio Lower Upper

168 100

99 45.1 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

80000

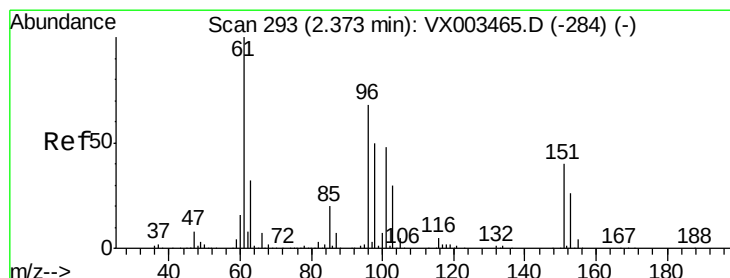
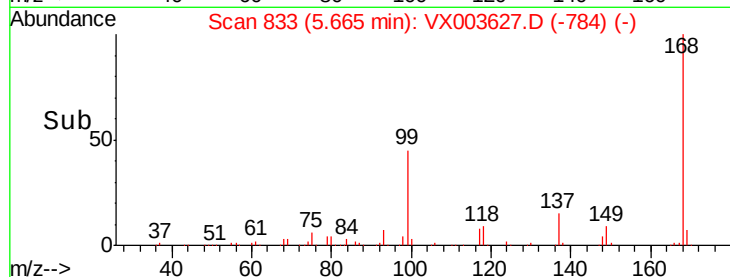
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.87 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

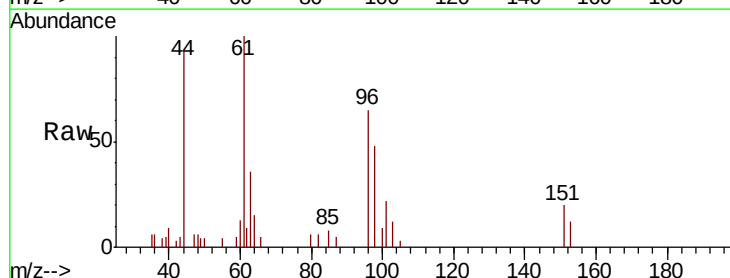
Tgt Ion: 96 Resp: 2315

Ion Ratio Lower Upper

96 100

61 153.4 137.9 206.9

98 74.2 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

2500

2000

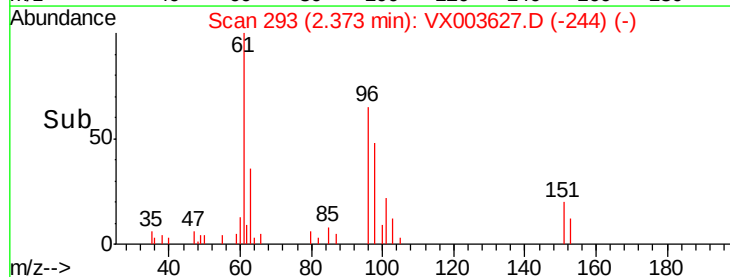
1500

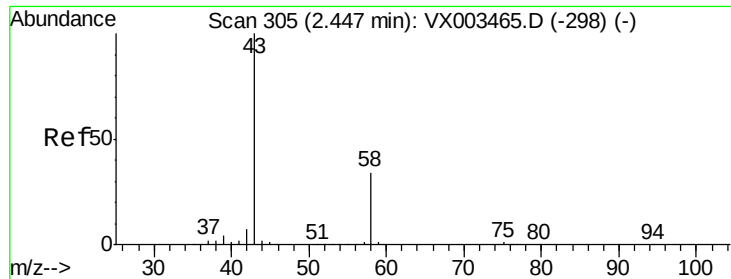
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 5.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

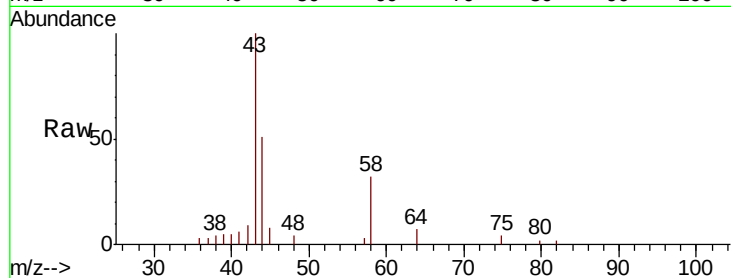
GW04-071718

Tot Ion: 43 Resp: 6297

Ion Ratio Lower Upper

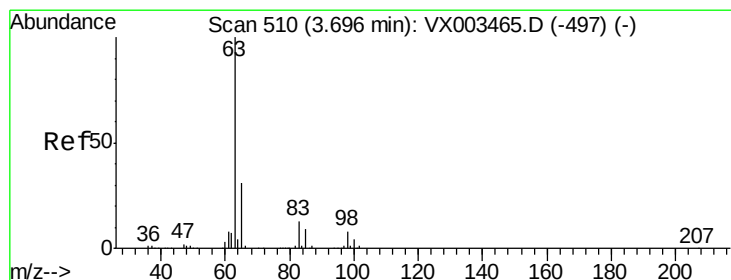
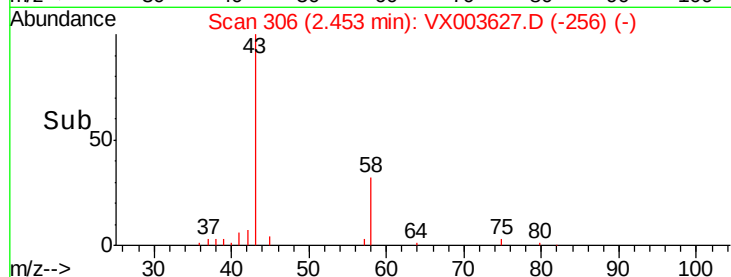
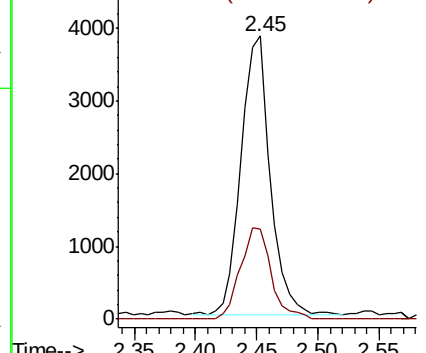
43 100

58 32.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 2.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

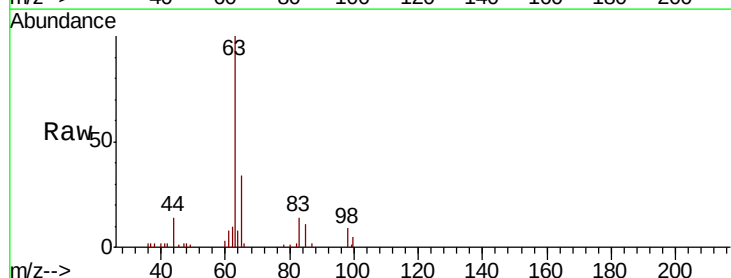
Tgt Ion: 63 Resp: 10951

Ion Ratio Lower Upper

63 100

98 8.5 3.4 10.2

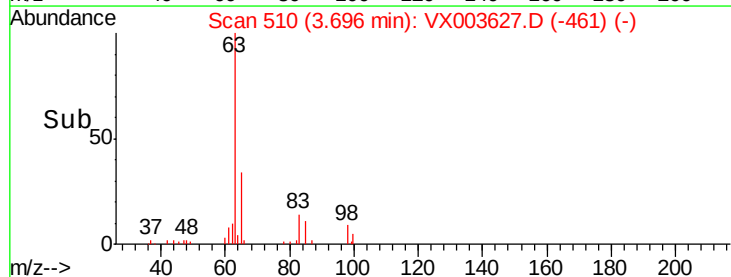
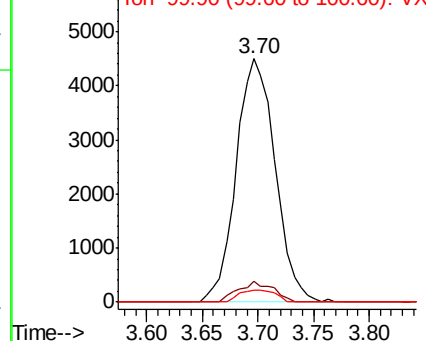
100 4.9 2.0 6.0

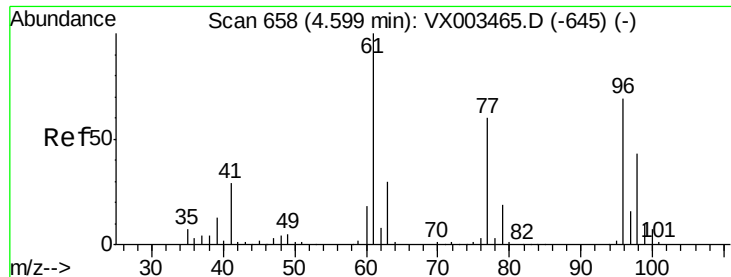


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 21.26 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

GW04-071718

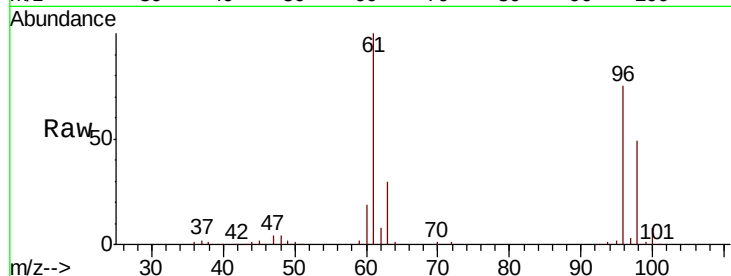
Tot Ion: 96 Resp: 70024

Ion Ratio Lower Upper

96 100

61 142.4 0.0 330.2

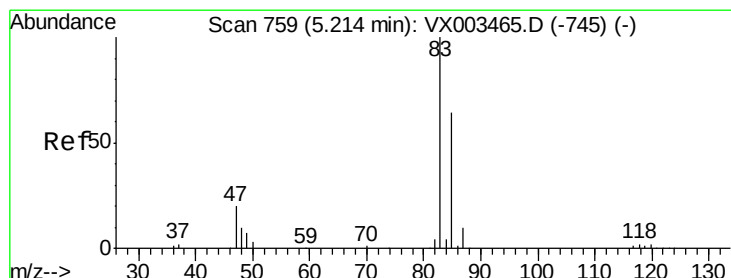
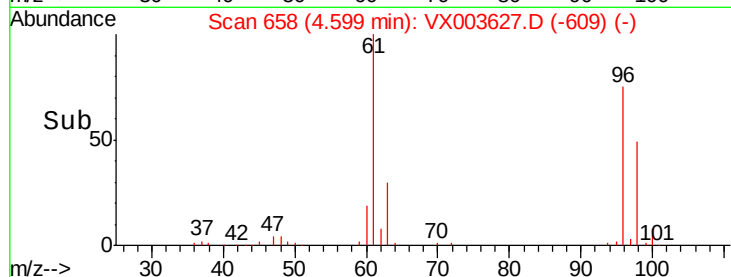
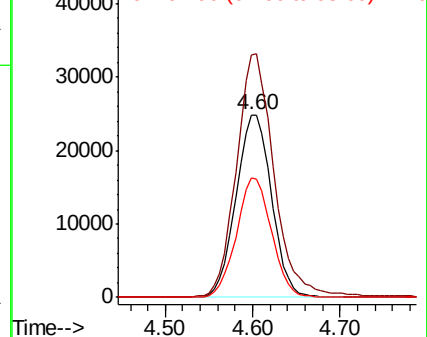
98 64.7 0.0 130.2



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: 0.44 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003627.D

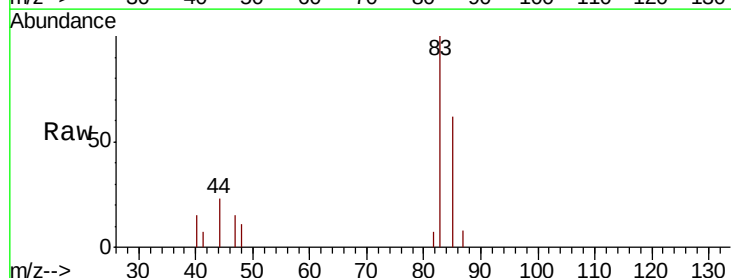
Acq: 24 Jul 2018 02:43

Tgt Ion: 83 Resp: 2255

Ion Ratio Lower Upper

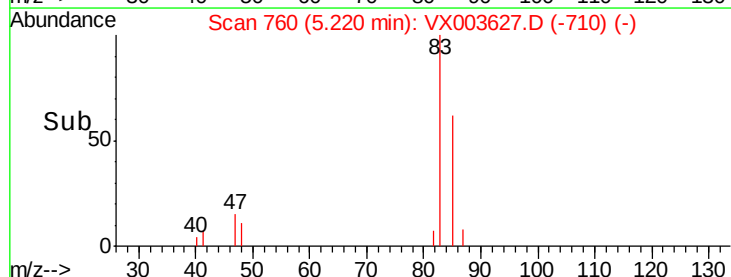
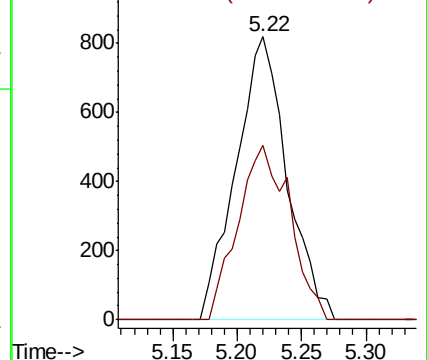
83 100

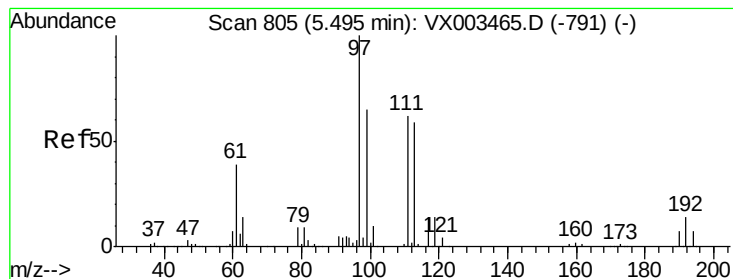
85 61.5 50.4 75.6



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: 0.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003627.D

Acq: 24 Jul 2018 02:43

Instrument :

MSVOA_X

ClientSampleId :

GW04-071718

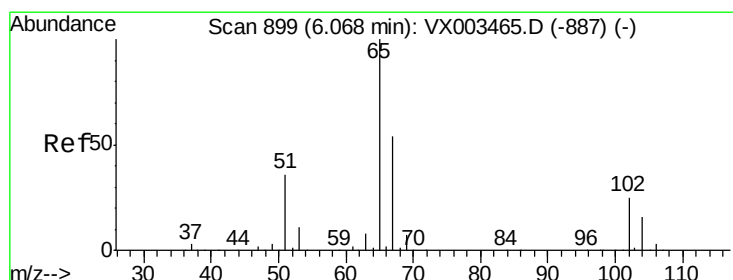
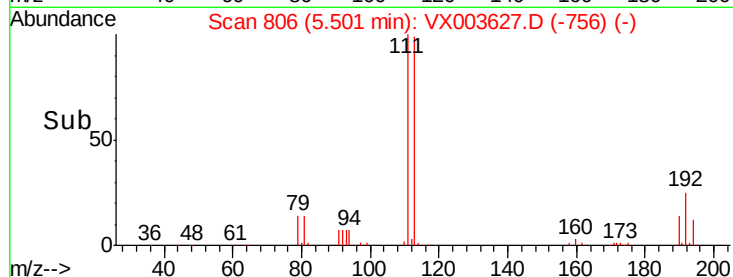
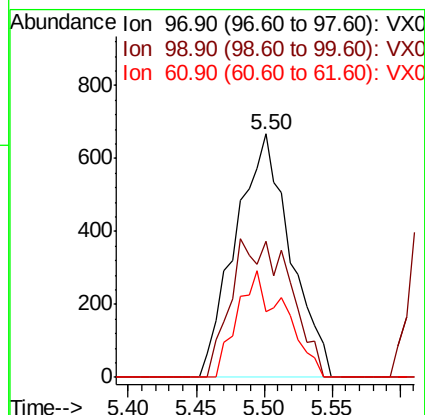
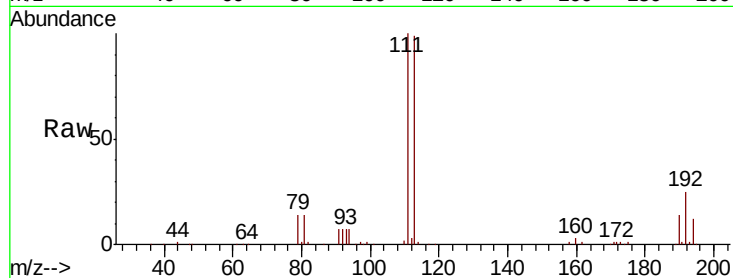
Tot Ion: 97 Resp: 1882

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

61 37.6 36.4 54.6



#33

1,2-Dichloroethane-d4

Concen: 48.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003627.D

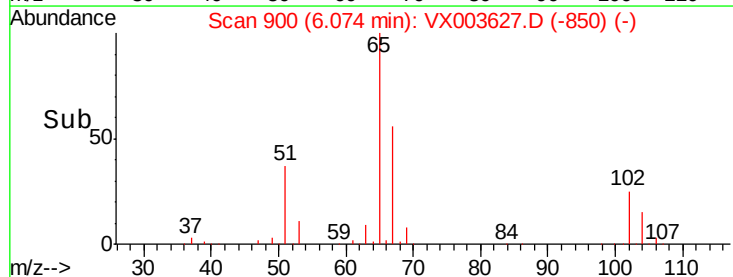
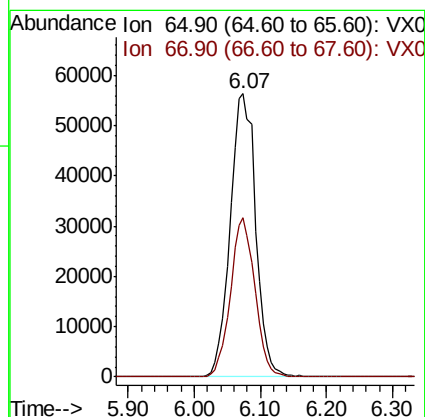
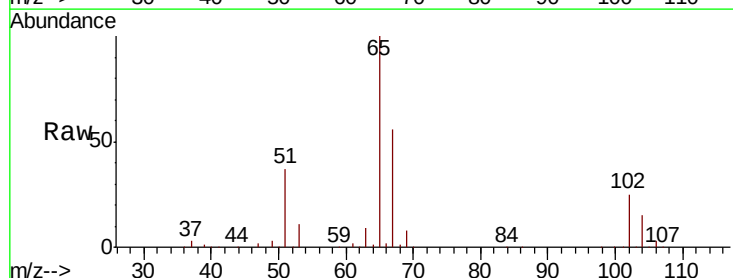
Acq: 24 Jul 2018 02:43

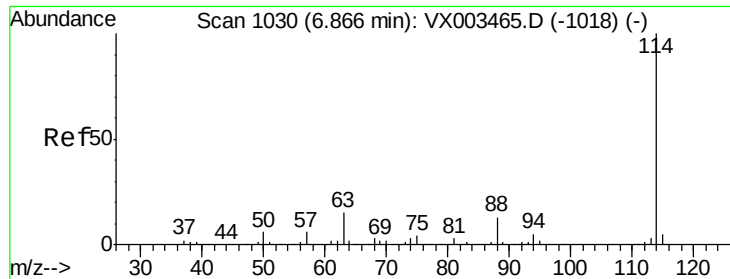
Tgt Ion: 65 Resp: 150196

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.6

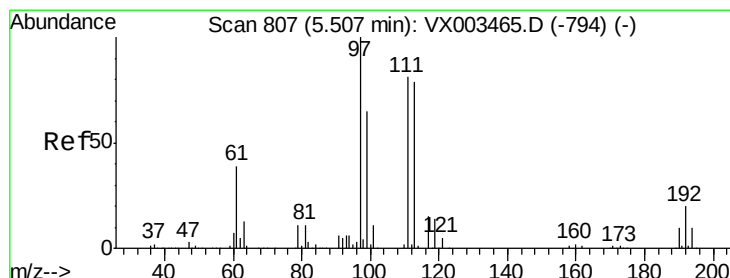
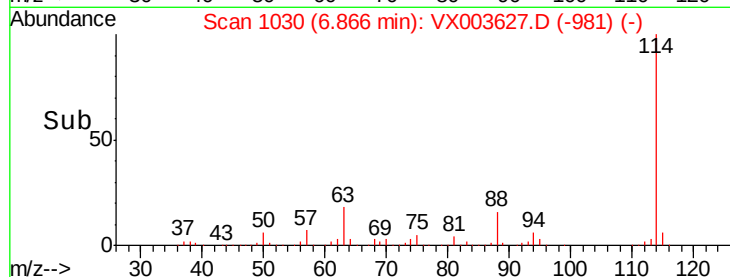
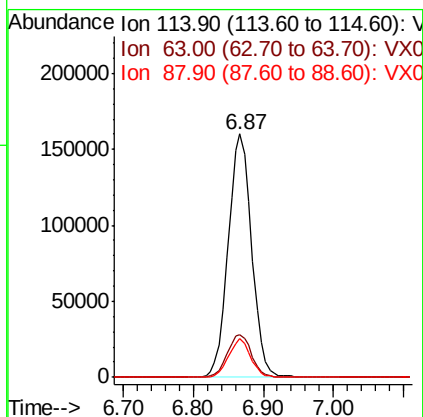
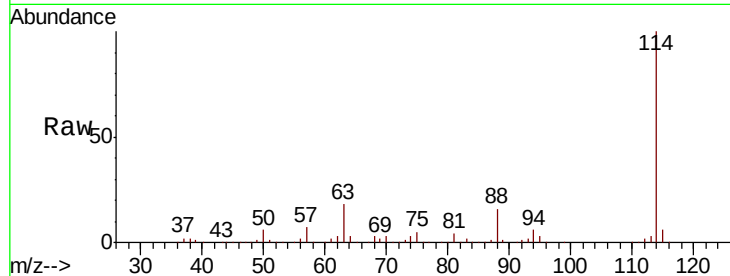




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003627.D
 Acq: 24 Jul 2018 02:43

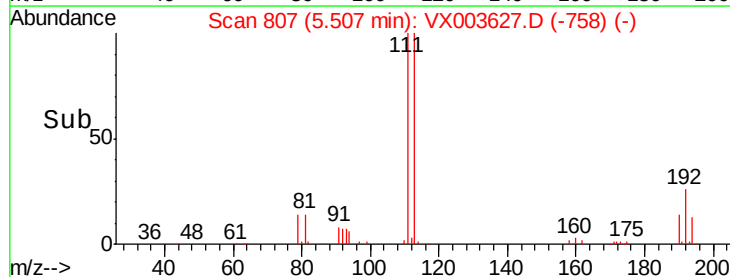
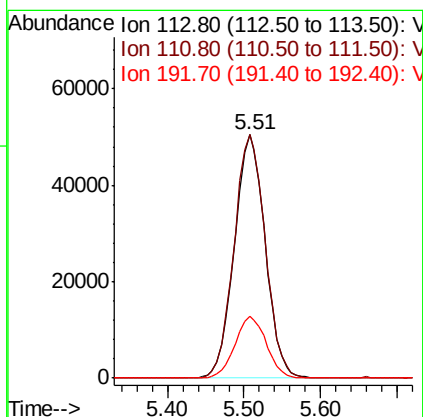
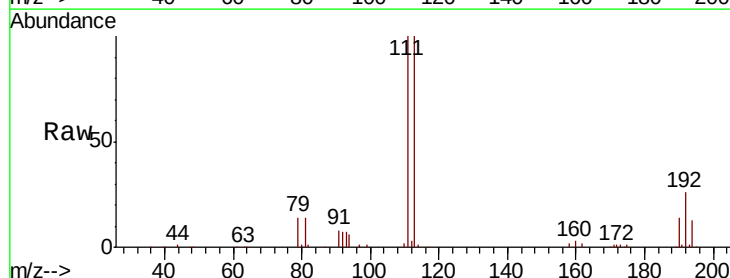
Instrument :
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 GW04-071718

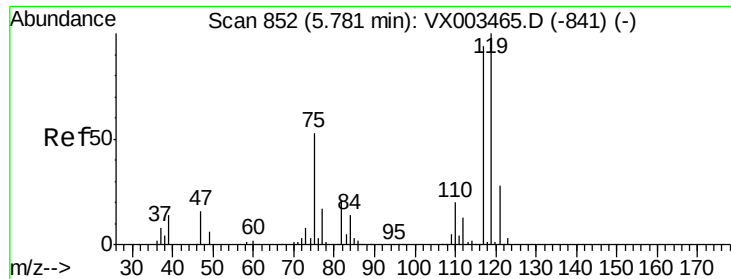
Tot Ion:114 Resp: 372702
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 41.4
 88 15.9 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 49.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003627.D
 Acq: 24 Jul 2018 02:43

Tgt Ion:113 Resp: 140773
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.0
 192 25.8 19.1 28.7

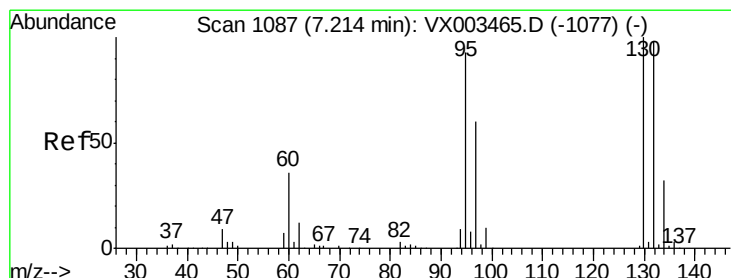
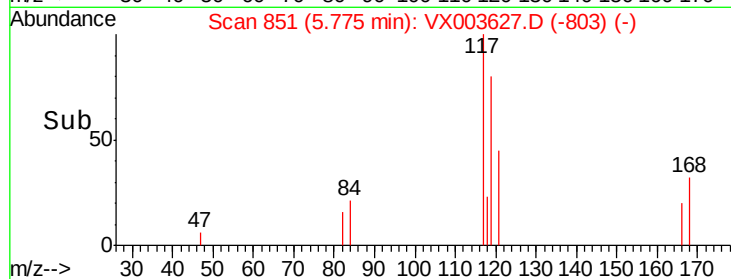
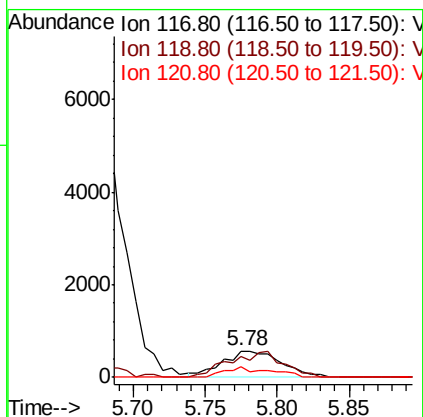
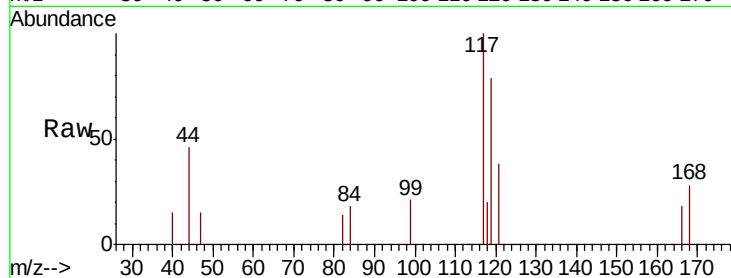




#38
Carbon Tetrachloride
Concen: 0.41 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

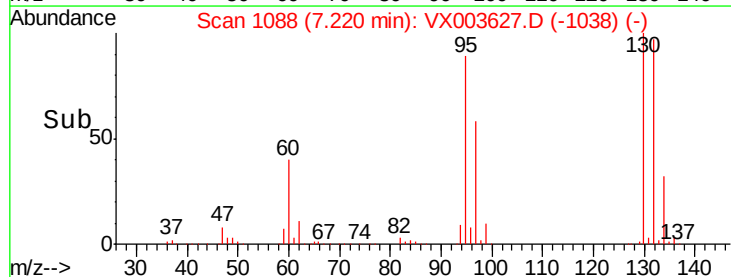
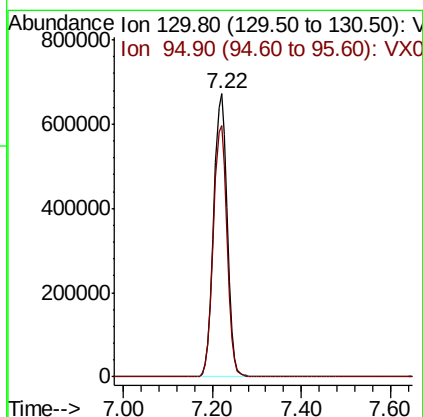
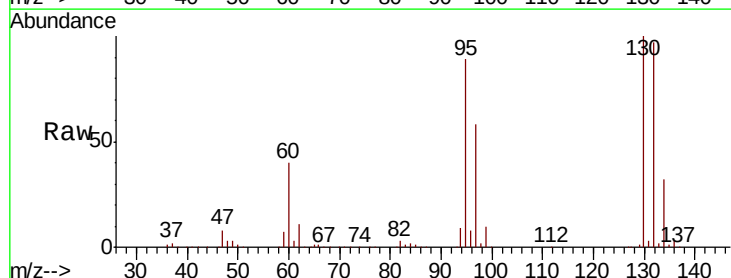
Instrument :
MSVOA_X
ClientSampleId :
GW04-071718

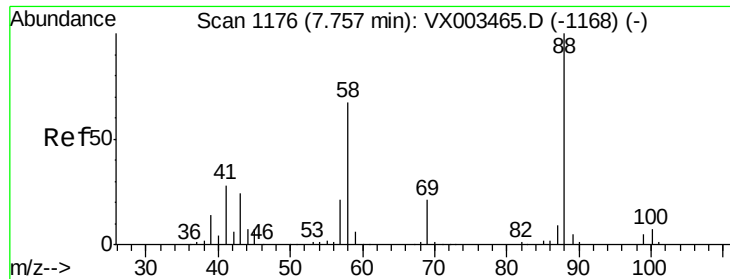
Tot Ion:117 Resp: 1626
Ion Ratio Lower Upper
117 100
119 79.1 77.4 116.0
121 38.4 24.4 36.6#



#44
Trichloroethene
Concen: 388.78 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

Tgt Ion:130 Resp: 1408635
Ion Ratio Lower Upper
130 100
95 88.9 0.0 185.4

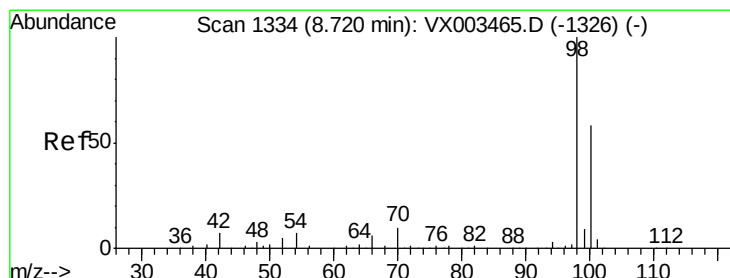
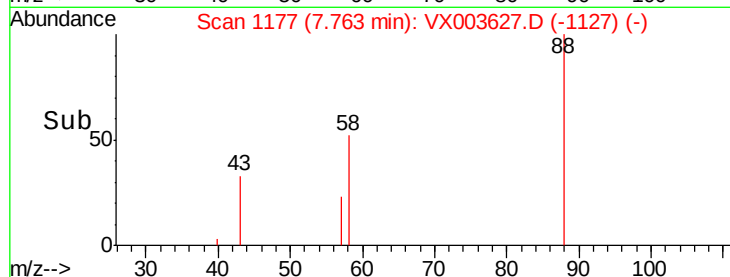
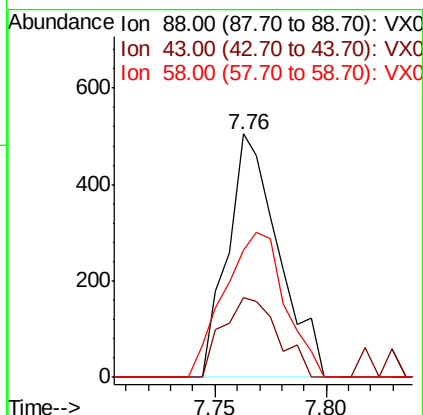
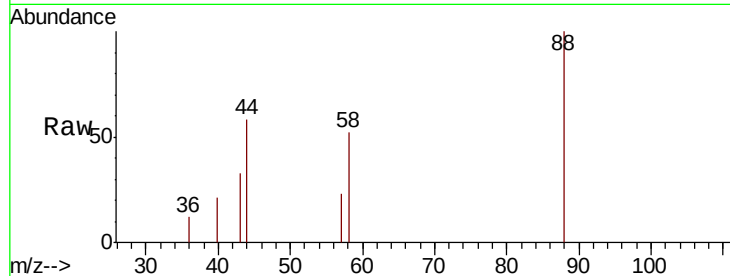




#49
1,4-Dioxane
Concen: 11.57 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

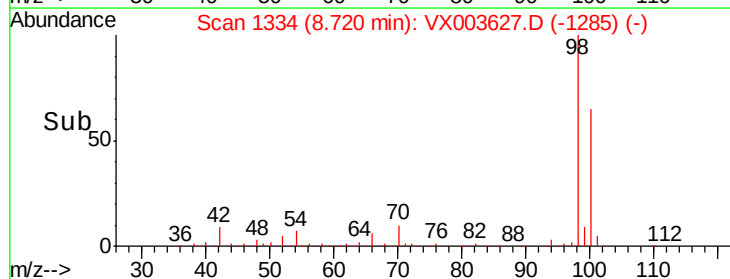
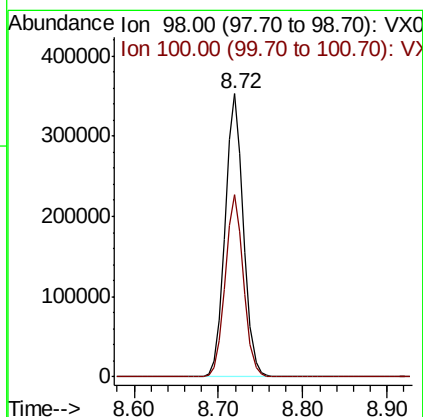
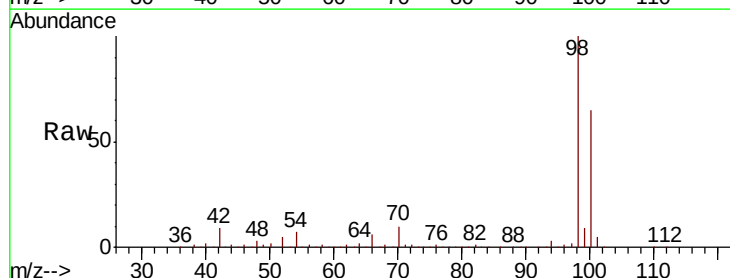
Instrument :
MSVOA_X
ClientSampleId :
GW04-071718

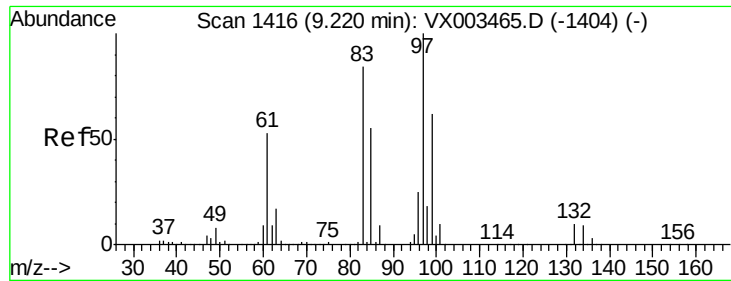
Tot Ion: 88 Resp: 801
Ion Ratio Lower Upper
88 100
43 35.7 29.8 44.6
58 71.5 57.1 85.7



#50
Toluene-d8
Concen: 49.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

Tgt Ion: 98 Resp: 527101
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

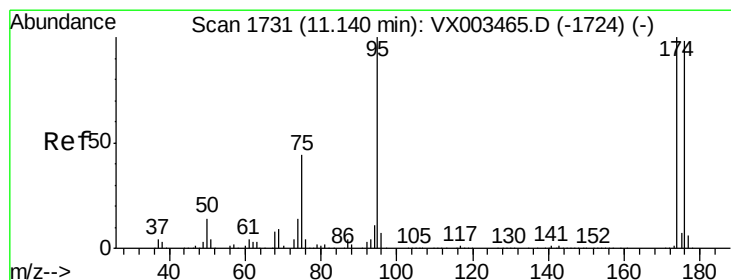
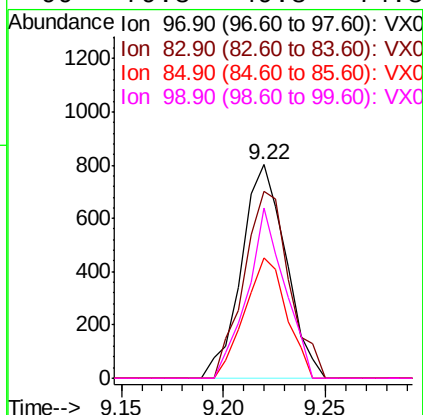
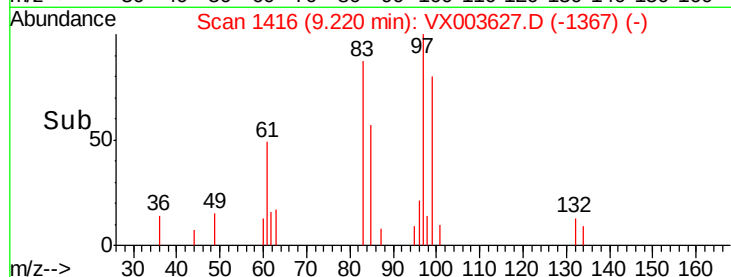
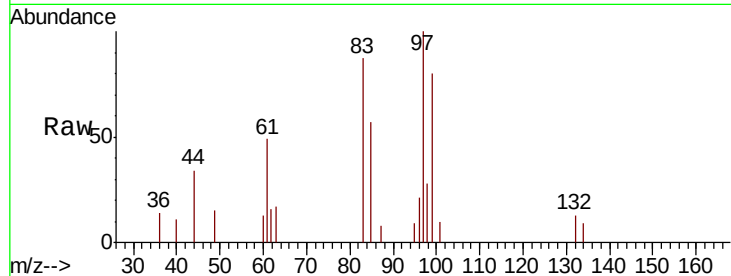




#55
 1,1,2-Trichloroethane
 Concen: 0.40 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003627.D
 Acq: 24 Jul 2018 02:43

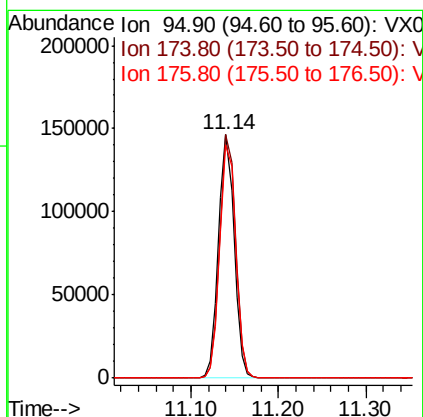
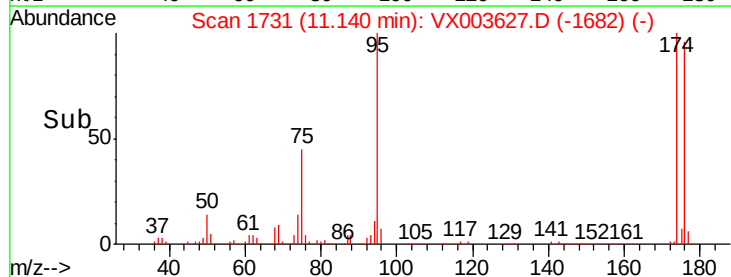
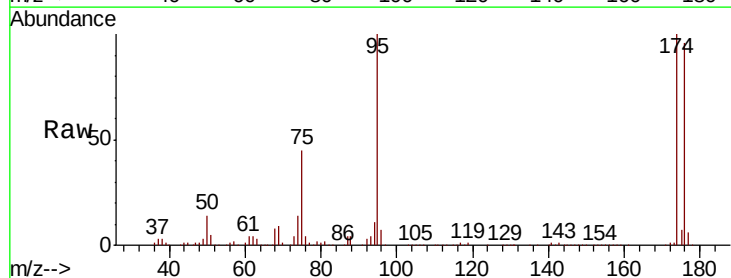
Instrument :
 MSVOA_X
 ClientSampleId :
 GW04-071718

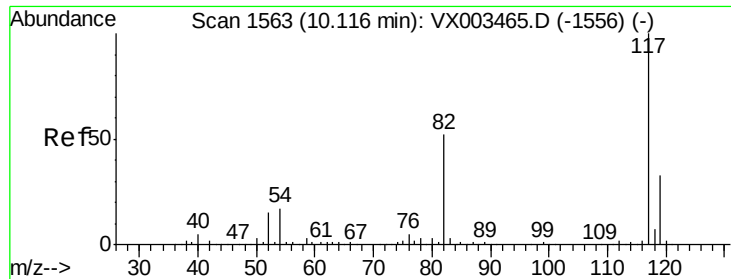
Tot Ion: 97 Resp: 1216
 Ion Ratio Lower Upper
 97 100
 83 87.4 70.2 105.2
 85 56.6 44.9 67.3
 99 79.8 49.8 74.8#



#62
 4-Bromofluorobenzene
 Concen: 46.22 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003627.D
 Acq: 24 Jul 2018 02:43

Tgt Ion: 95 Resp: 179972
 Ion Ratio Lower Upper
 95 100
 174 102.1 0.0 187.4
 176 98.6 0.0 181.0

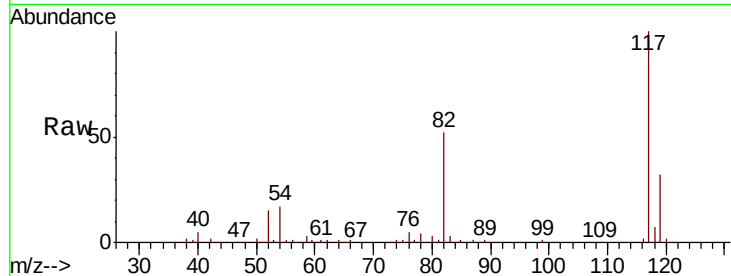




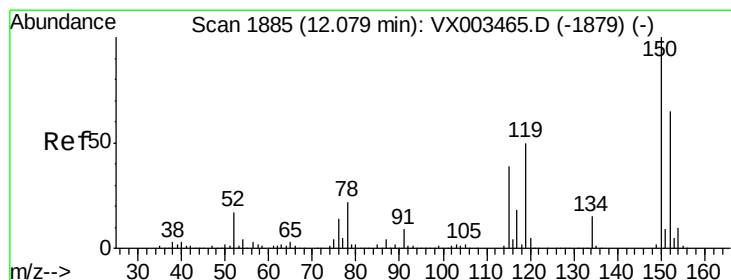
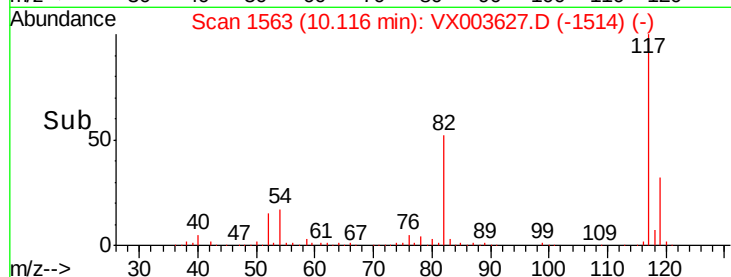
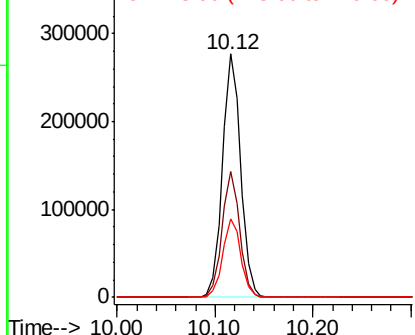
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

Instrument :
MSVOA_X
ClientSampleId :
GW04-071718

Tot Ion:117 Resp: 356415
Ion Ratio Lower Upper
117 100
82 51.7 45.0 67.4
119 32.2 25.8 38.6

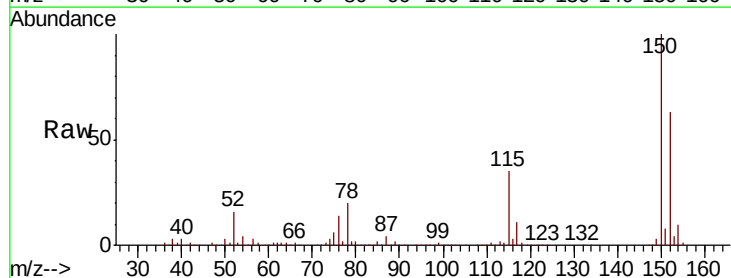


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003627.D
Acq: 24 Jul 2018 02:43

Tgt Ion:152 Resp: 199800
Ion Ratio Lower Upper
152 100
115 52.5 40.1 120.2
150 155.7 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

