

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003657.D
 Acq On : 25 Jul 2018 14:32
 Operator : JC/SP
 Sample : J4073-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW04-071718DL

Quant Time: Jul 26 01:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	134653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77033	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	69291	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.51	113	56327	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	8.72	98	204393	43.53	ug/l	0.00
Spiked Amount			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	11.14	95	88218	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

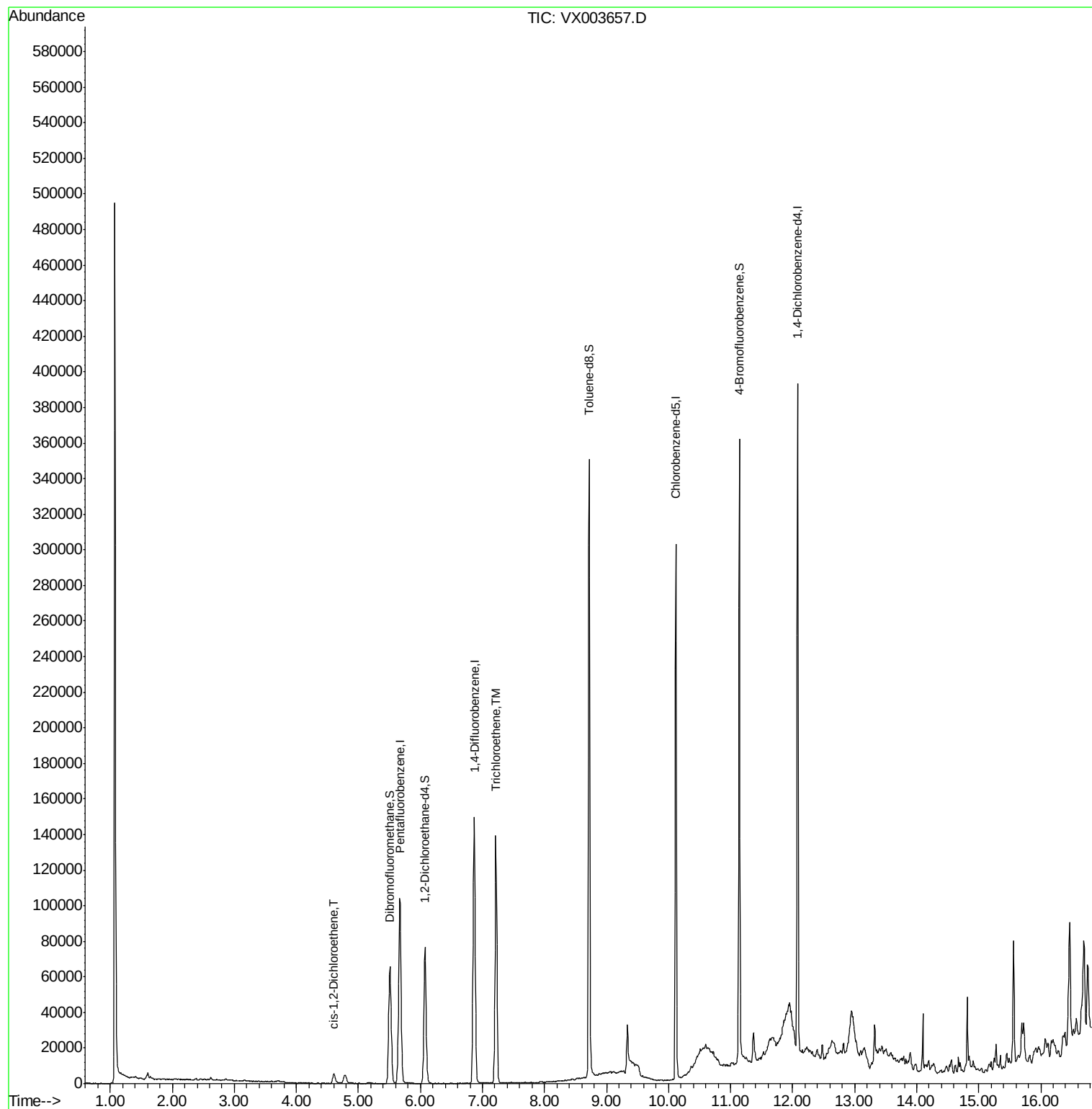
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.61	96	3240	2.33	ug/l	61
44) Trichloroethene	7.22	130	54665	39.17	ug/l	100

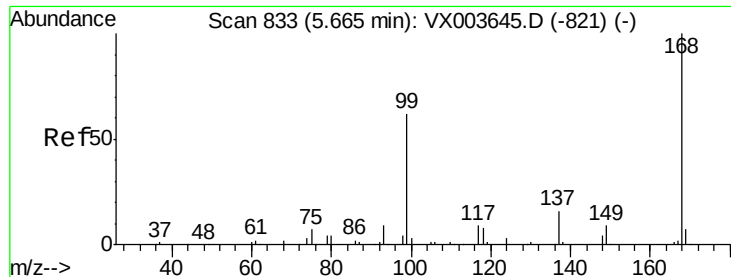
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

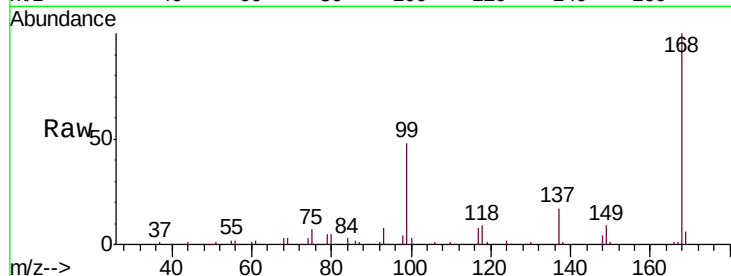
GW04-071718DL

Tot Ion:168 Resp: 103004

Ion Ratio Lower Upper

168 100

99 48.3 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

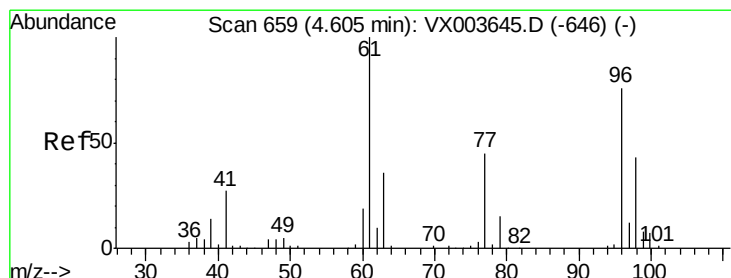
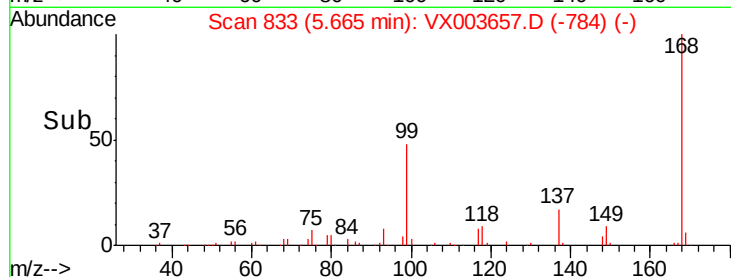
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.33 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

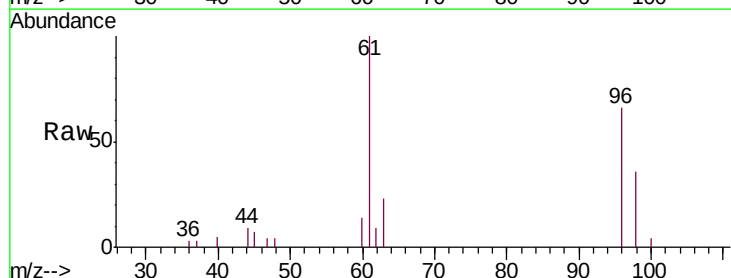
Tgt Ion: 96 Resp: 3240

Ion Ratio Lower Upper

96 100

61 226.7 0.0 313.6

98 64.7 0.0 125.6



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

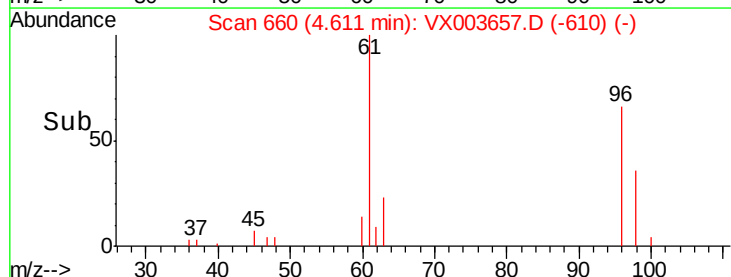
1500

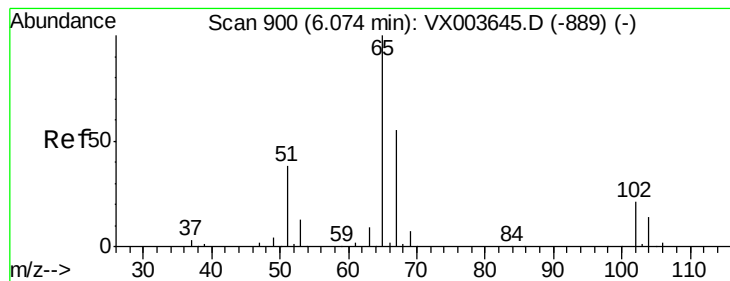
1000

500

0

Time--> 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 45.41 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

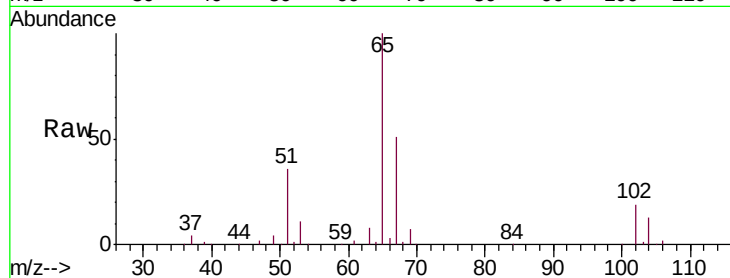
GW04-071718DL

Tot Ion: 65 Resp: 69291

Ion Ratio Lower Upper

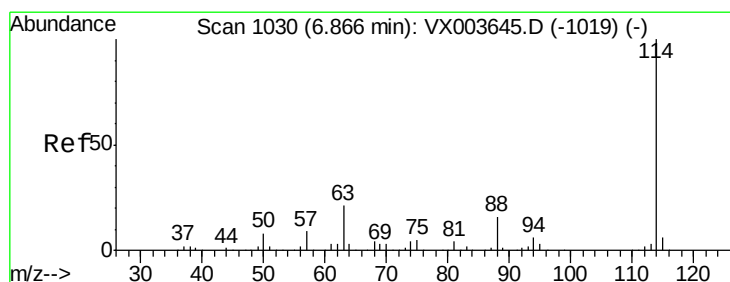
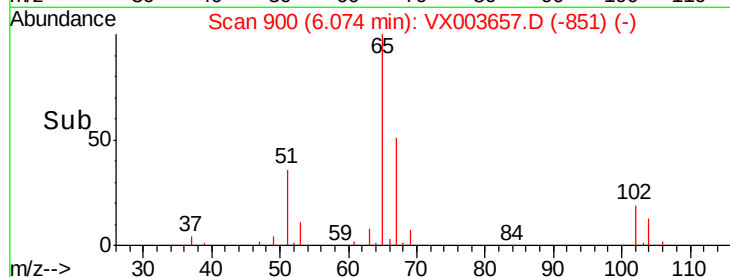
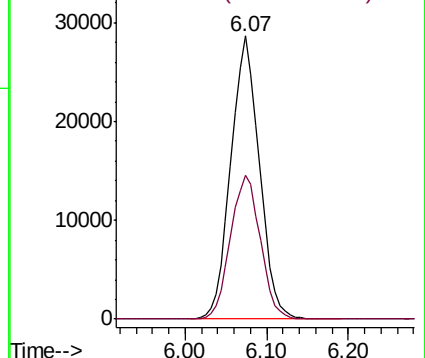
65 100

67 53.1 0.0 107.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

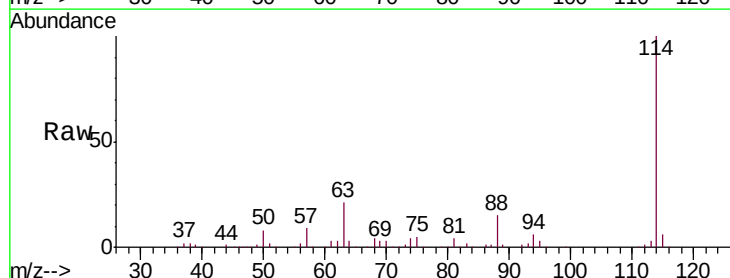
Tgt Ion:114 Resp: 150494

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

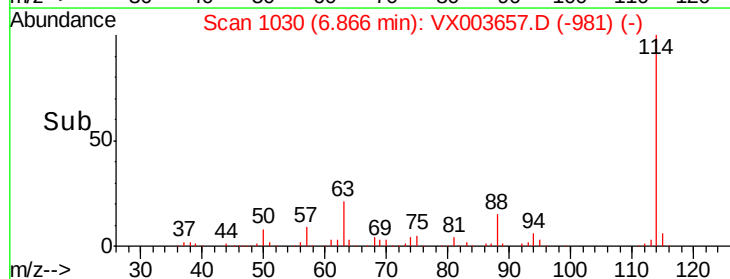
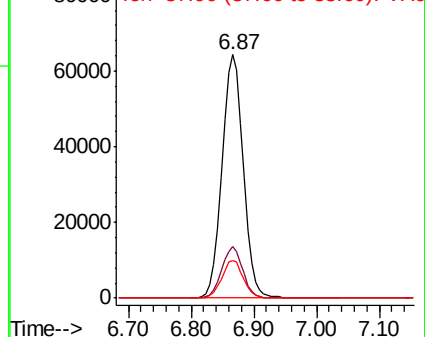
88 15.3 0.0 31.8

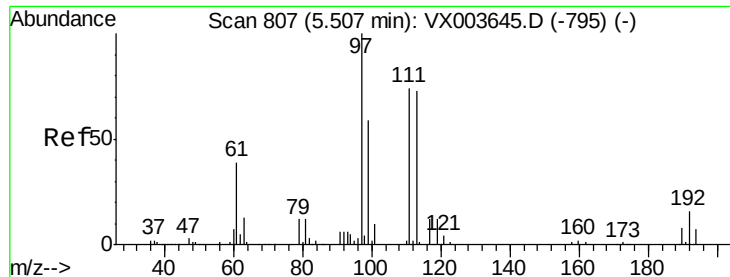


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

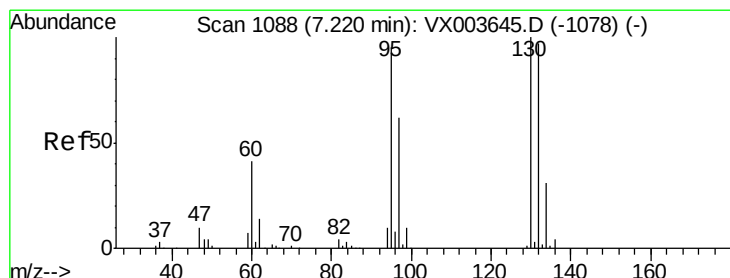
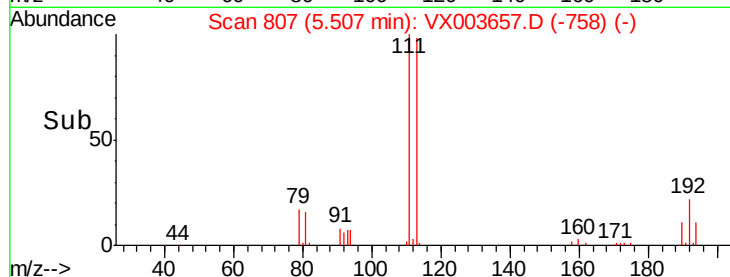
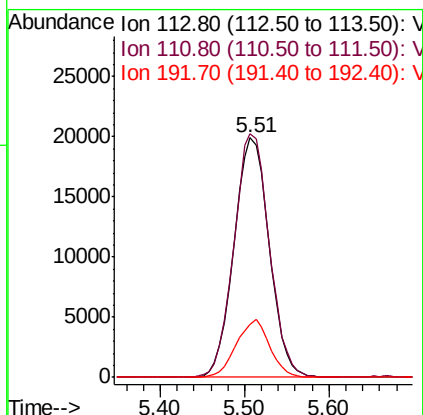
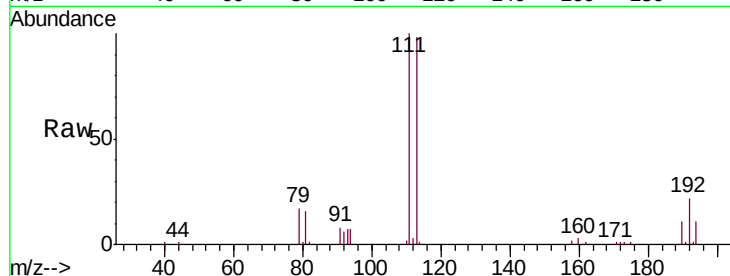




#35
 Dibromofluoromethane
 Concen: 45.78 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003657.D
 Acq: 25 Jul 2018 14:32

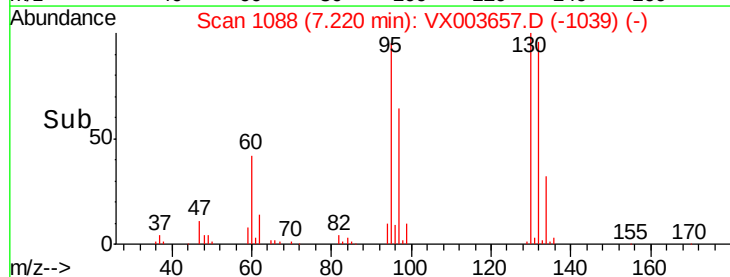
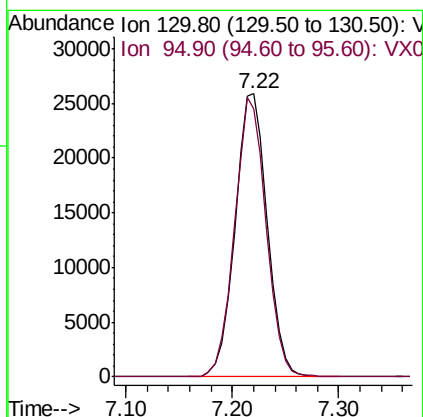
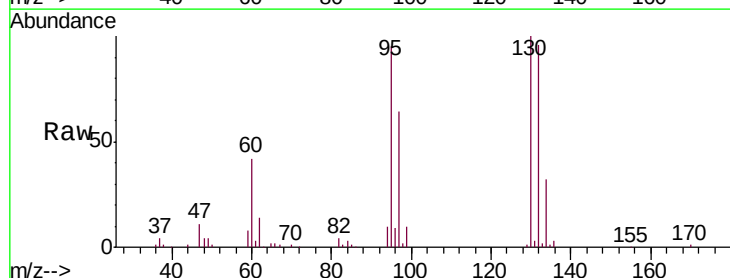
Instrument :
 MSVOA_X
 ClientSampleId :
 GW04-071718DL

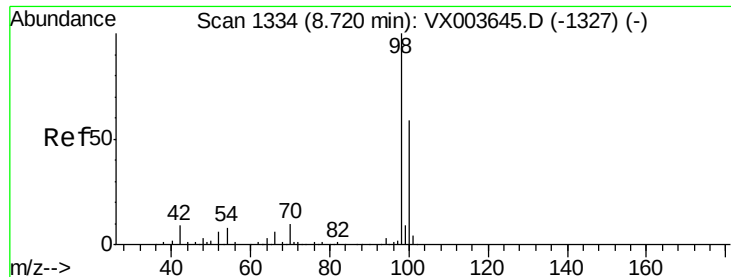
Tot Ion:113 Resp: 56327
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.9 18.2 27.4



#44
 Trichloroethene
 Concen: 39.17 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003657.D
 Acq: 25 Jul 2018 14:32

Tgt Ion:130 Resp: 54665
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 190.0

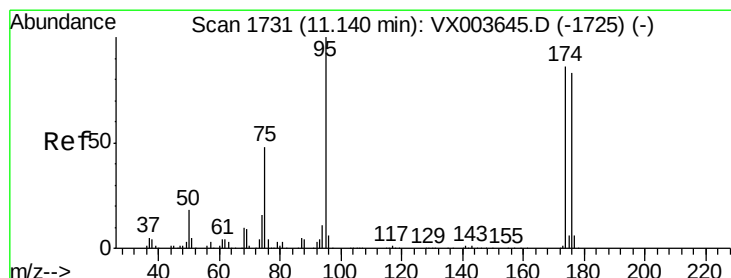
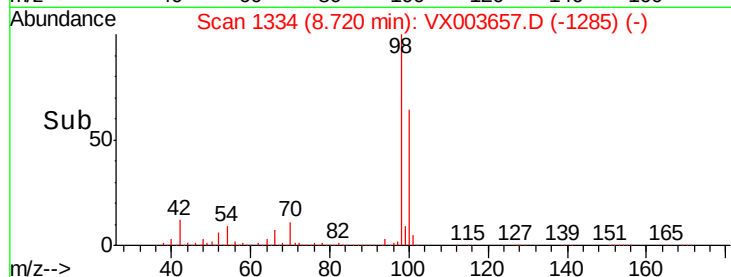
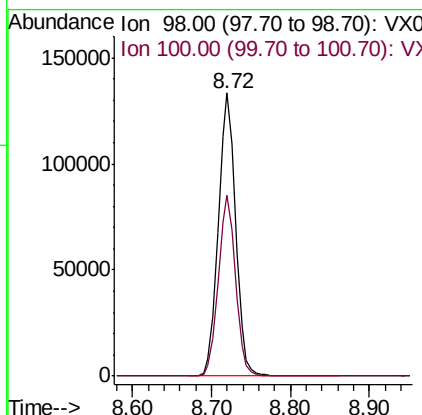
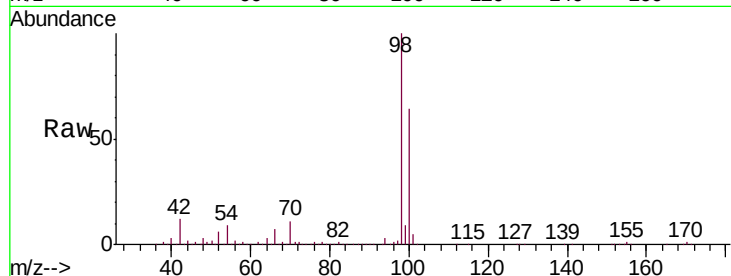




#50
Toluene-d8
Concen: 43.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003657.D
Acq: 25 Jul 2018 14:32

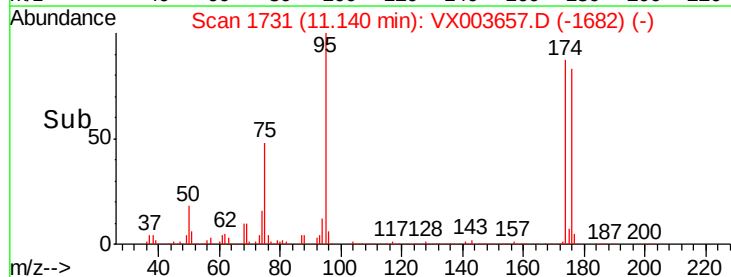
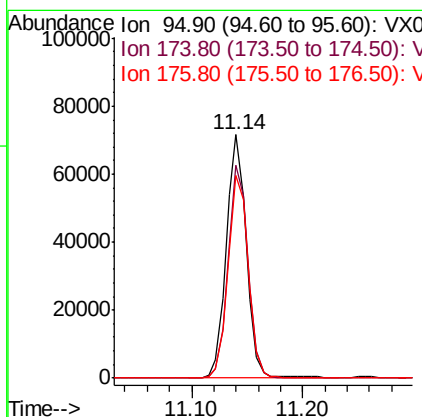
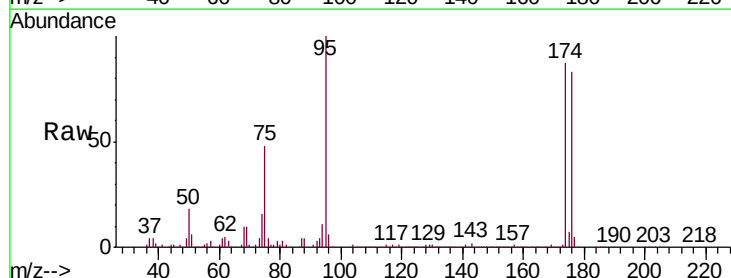
Instrument :
MSVOA_X
ClientSampleId :
GW04-071718DL

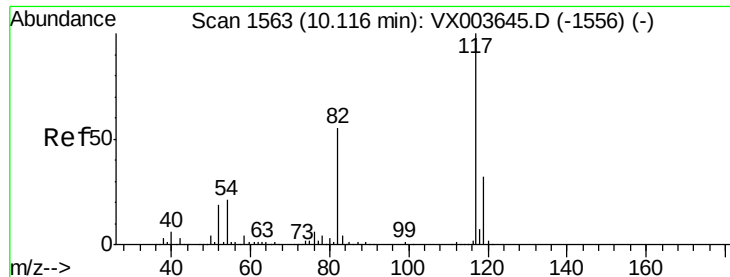
Tot Ion: 98 Resp: 204393
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.51 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003657.D
Acq: 25 Jul 2018 14:32

Tgt Ion: 95 Resp: 88218
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.0
176 84.4 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

Instrument :

MSVOA_X

ClientSampled :

GW04-071718DL

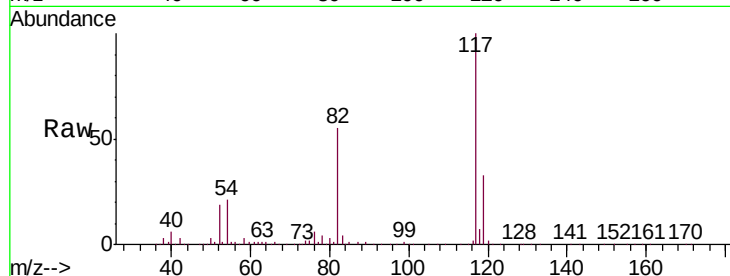
Tot Ion:117 Resp: 134653

Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

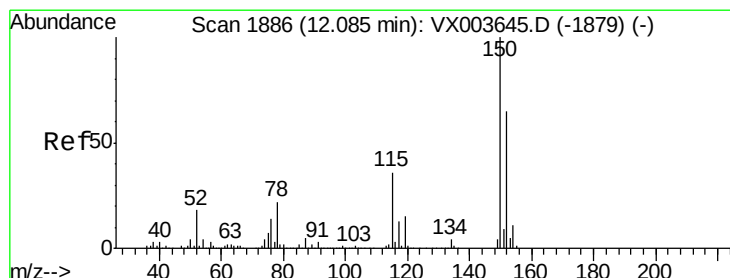
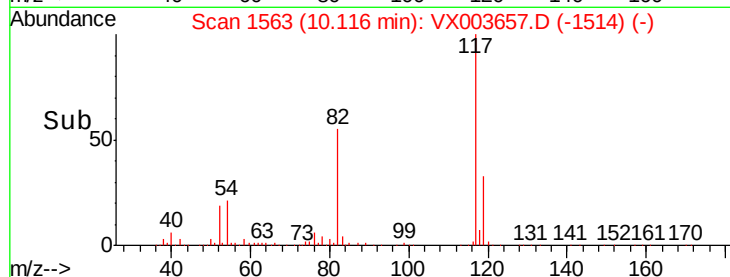
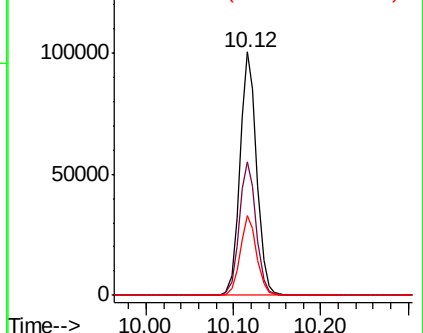
119 32.8 25.6 38.4



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. -0.01 min

Lab File: VX003657.D

Acq: 25 Jul 2018 14:32

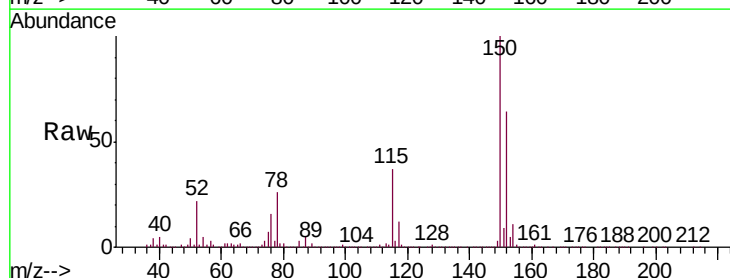
Tgt Ion:152 Resp: 77033

Ion Ratio Lower Upper

152 100

115 55.8 40.0 119.9

150 156.2 0.0 348.4



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

