

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002717.D
 Acq On : 19 Jun 2018 17:11
 Operator : JC/MD
 Sample : J3479-04DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611DL

Quant Time: Jun 20 17:00:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

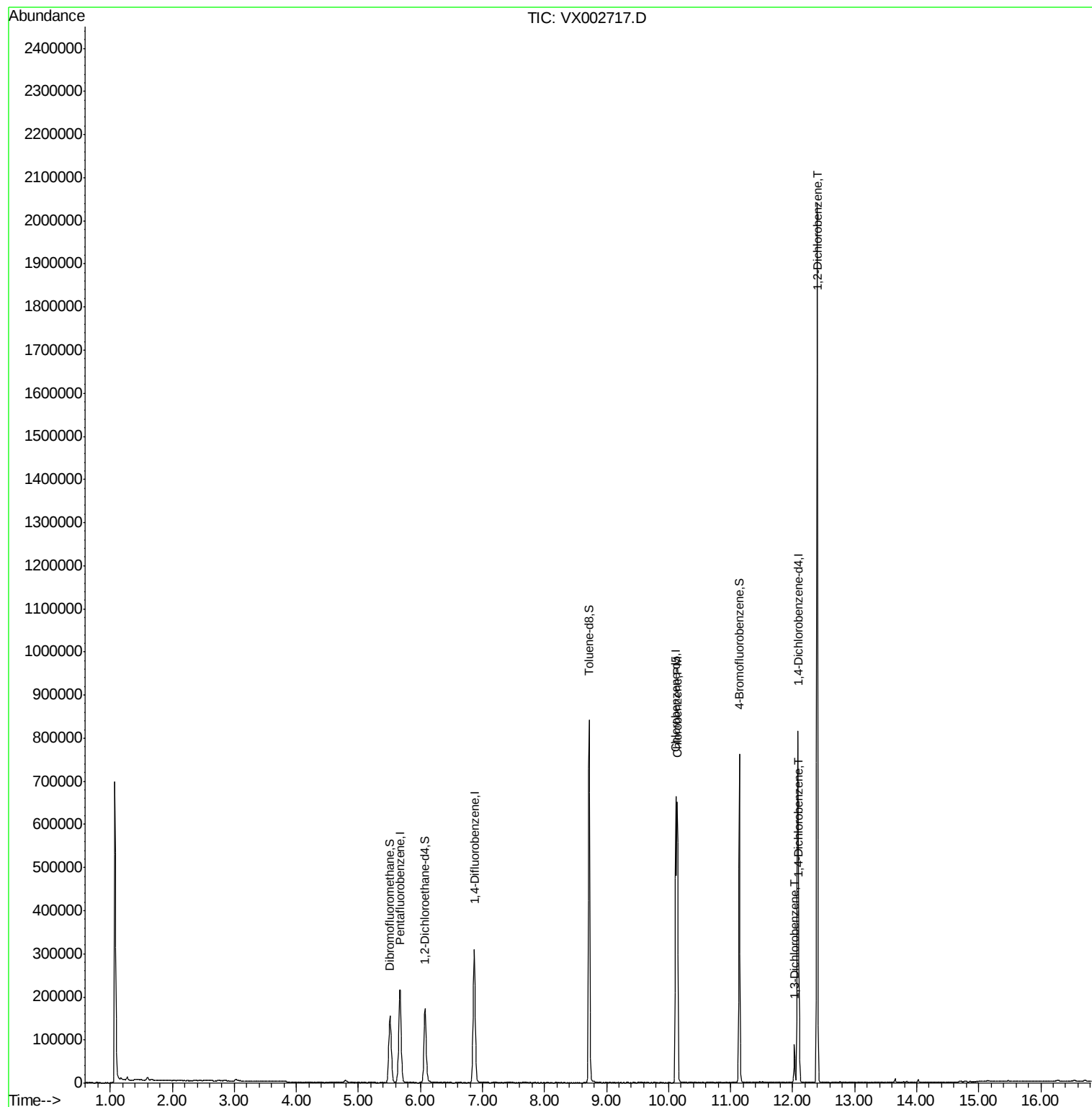
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162468	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	127416	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	8.72	98	482265	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	171277	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
Target Compounds						
65) Chlorobenzene	10.14	112	262791	37.37	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	27292	4.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	82602	14.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	635137	111.09	ug/l	99

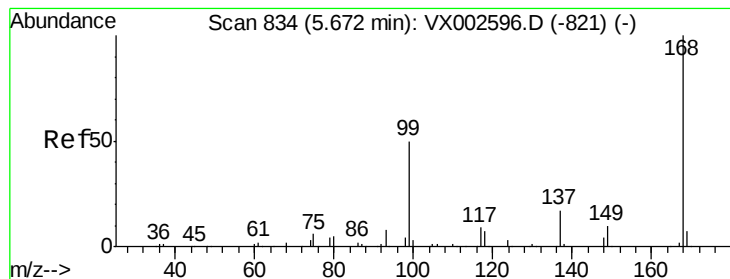
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

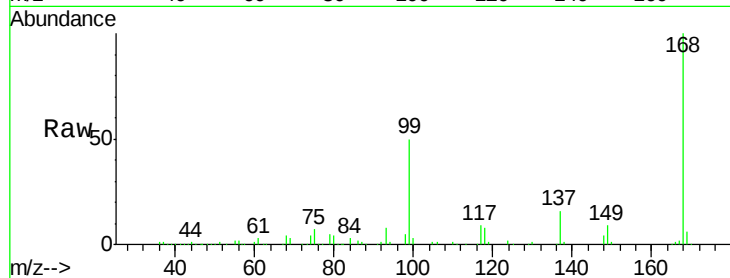
DUP-0466-180611DL

Tot Ion:168 Resp: 214327

Ion Ratio Lower Upper

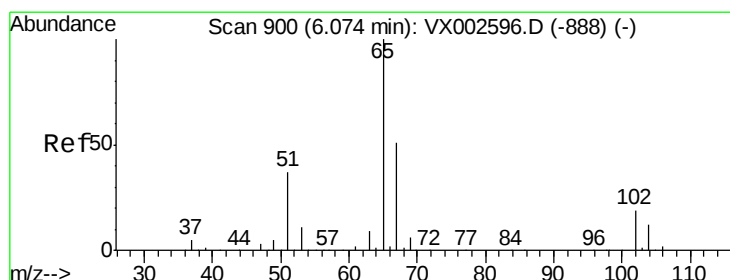
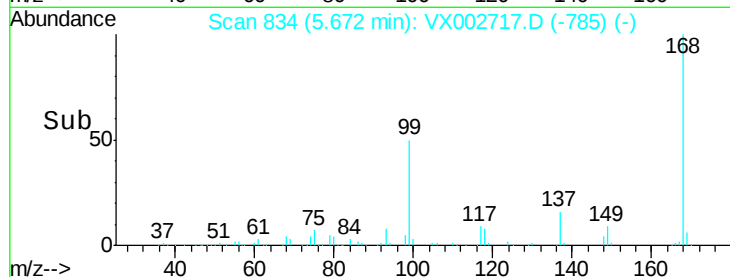
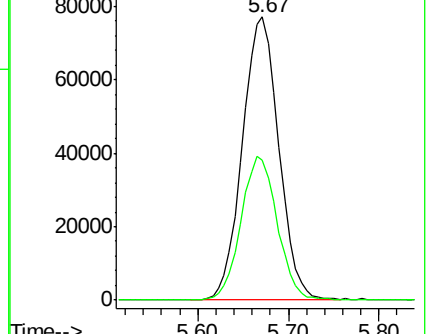
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002717.D

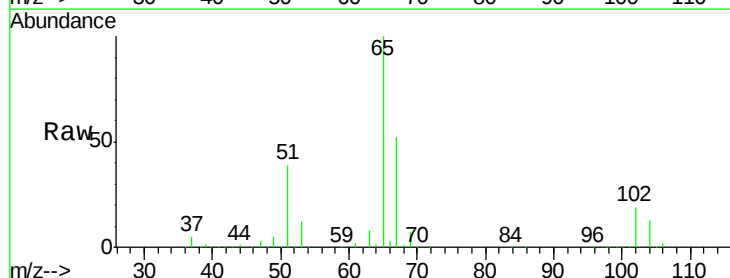
Acq: 19 Jun 2018 17:11

Tgt Ion: 65 Resp: 162468

Ion Ratio Lower Upper

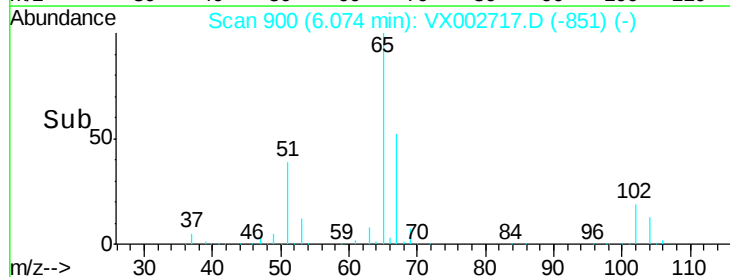
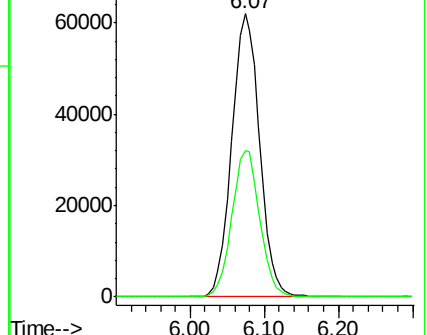
65 100

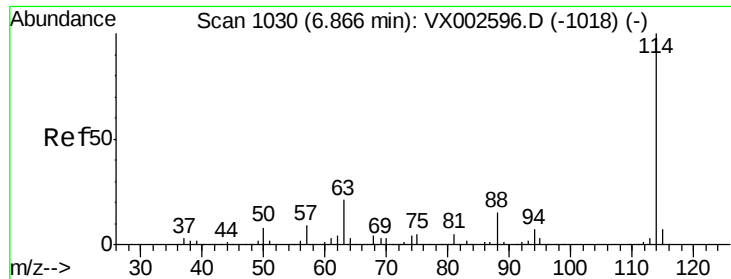
67 51.6 0.0 102.6



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: VX002717.D

Acq: 19 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611DL

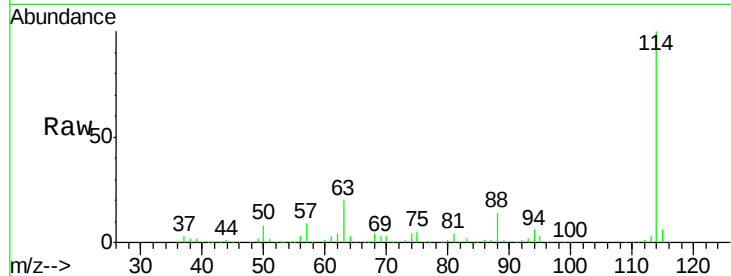
Tot Ion:114 Resp: 307545

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

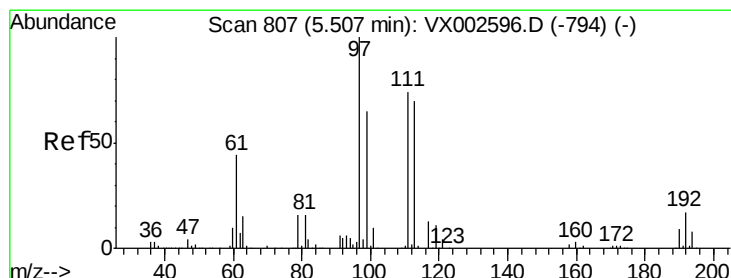
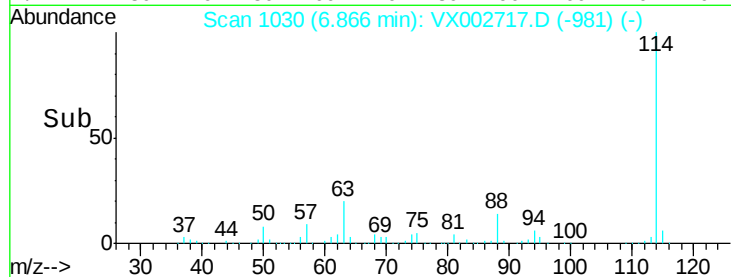
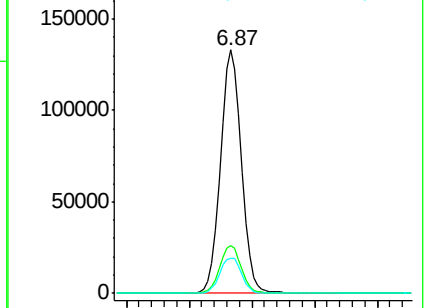
88 14.1 0.0 30.0



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: 51.91 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

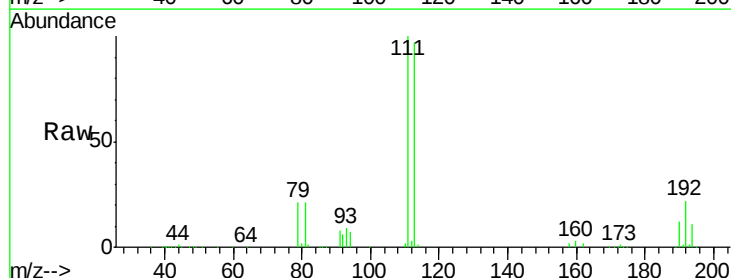
Tgt Ion:113 Resp: 127416

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

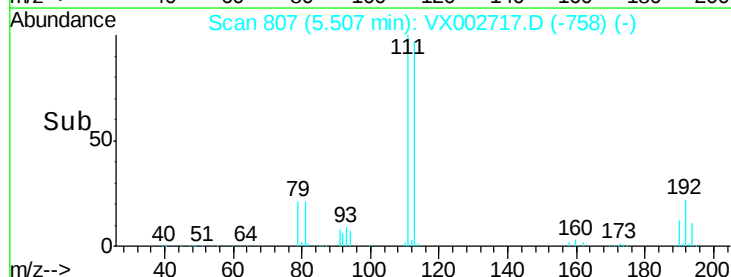
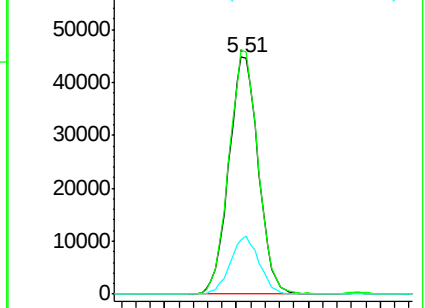
192 23.7 19.1 28.7

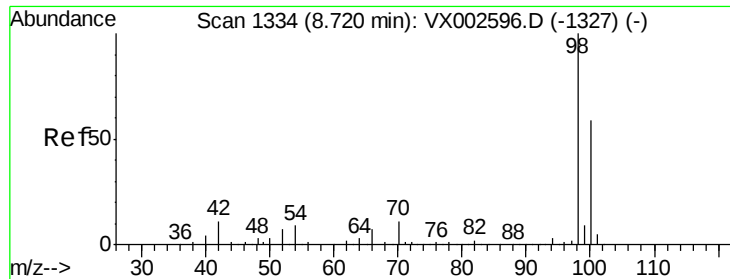


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

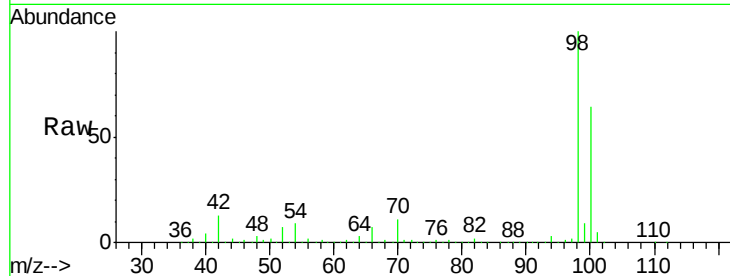
DUP-0466-180611DL

Tot Ion: 98 Resp: 482265

Ion Ratio Lower Upper

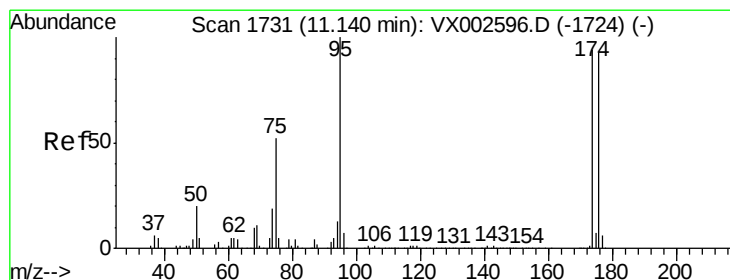
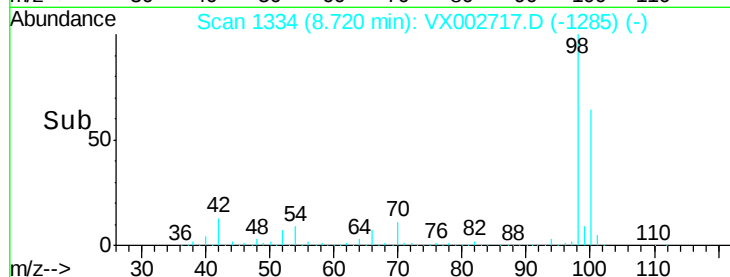
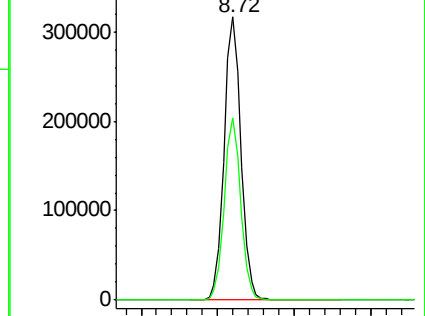
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

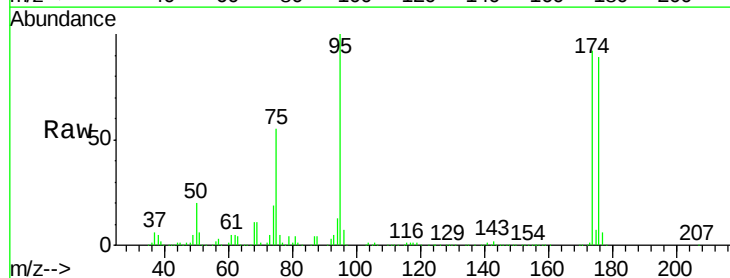
Tgt Ion: 95 Resp: 171277

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

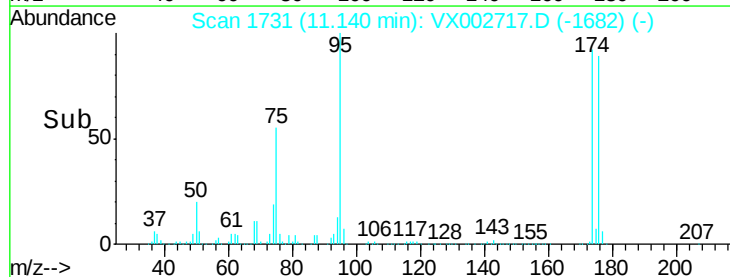
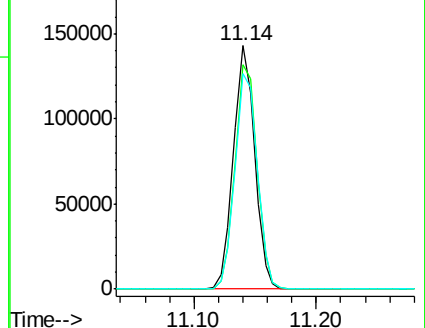
176 93.3 0.0 181.0

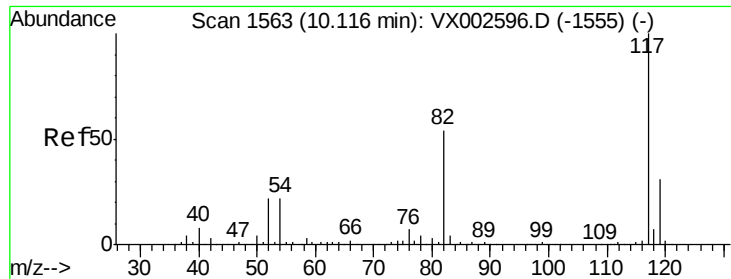


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

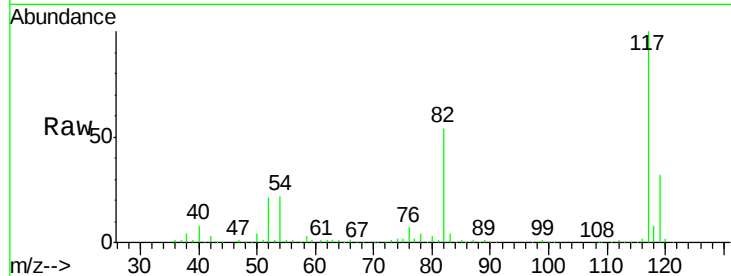




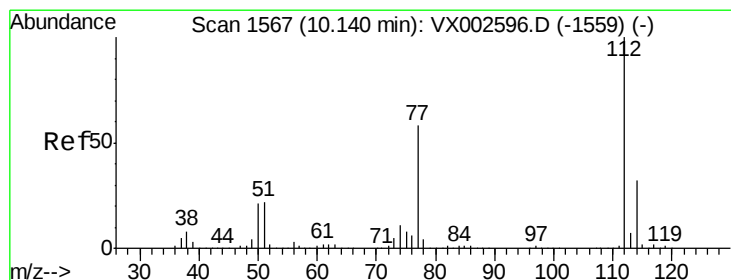
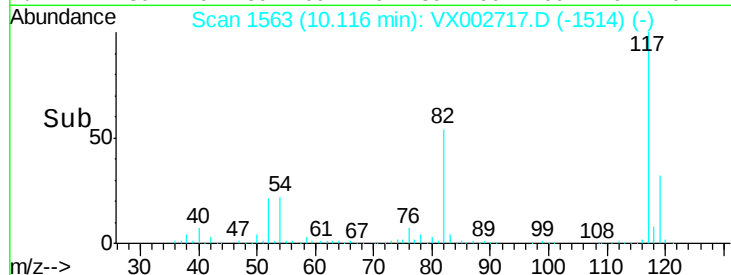
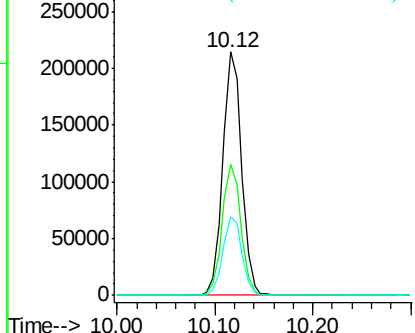
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002717.D
Acq: 19 Jun 2018 17:11

Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611DL

Tot Ion:117 Resp: 286374
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.4 25.8 38.6

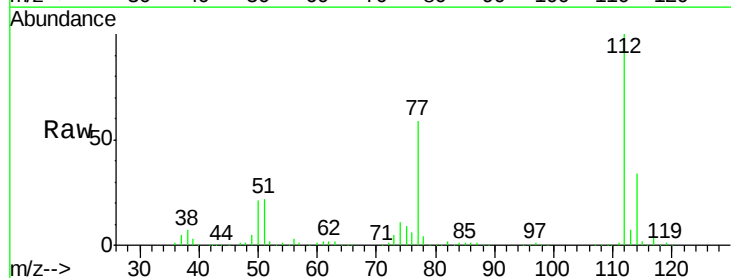


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

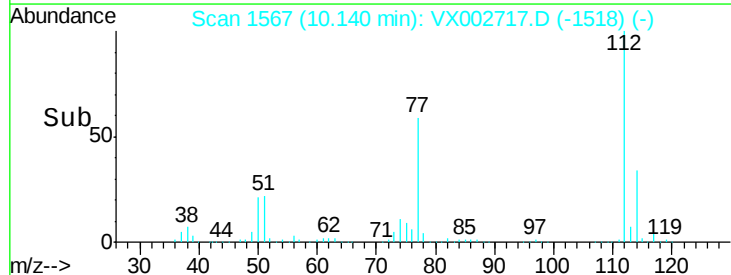
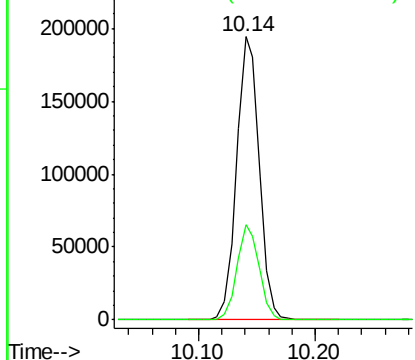


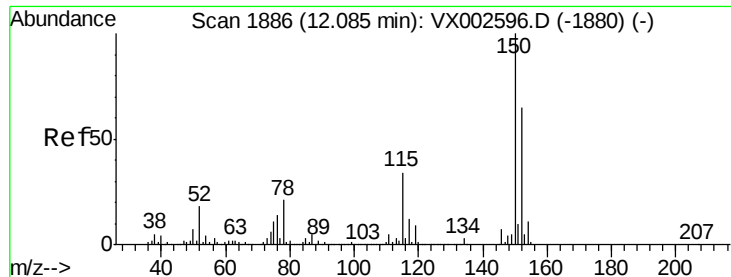
#65
Chlorobenzene
Concen: 37.37 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002717.D
Acq: 19 Jun 2018 17:11

Tgt Ion:112 Resp: 262791
Ion Ratio Lower Upper
112 100
114 33.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611DL

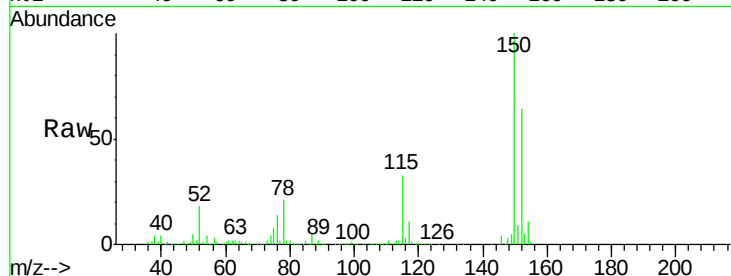
Tot Ion:152 Resp: 166248

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

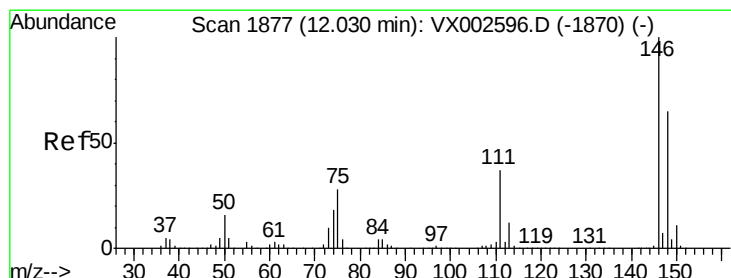
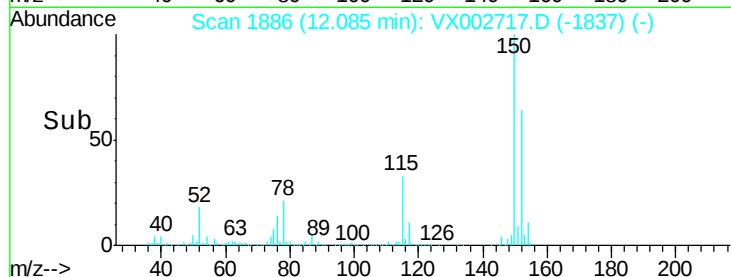
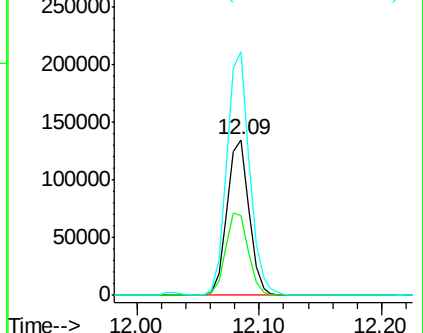
150 162.2 0.0 347.2



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



#87

1,3-Dichlorobenzene

Concen: 4.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002717.D

Acq: 19 Jun 2018 17:11

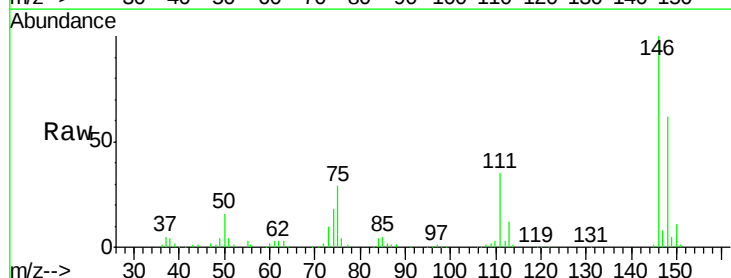
Tgt Ion:146 Resp: 27292

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

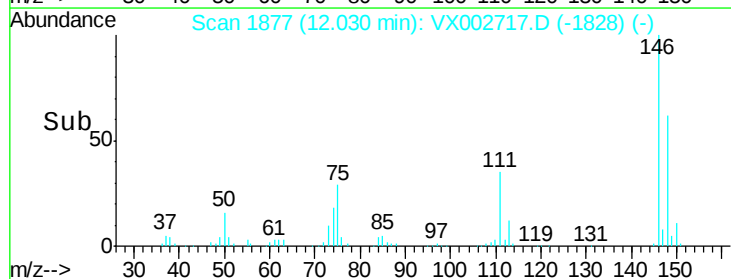
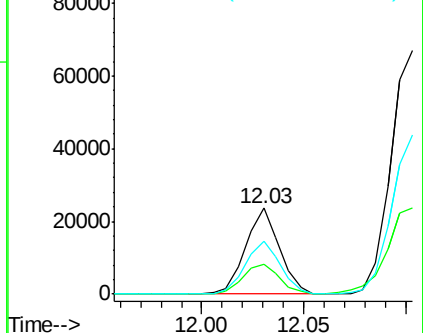
148 64.5 32.1 96.3

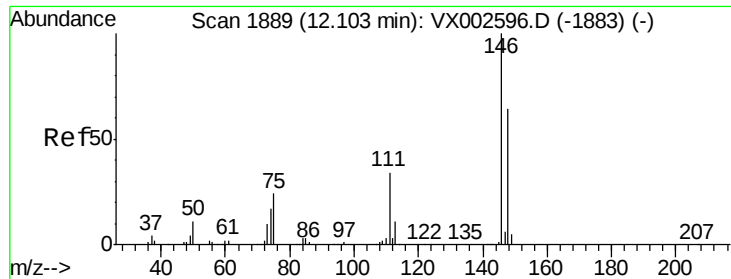


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

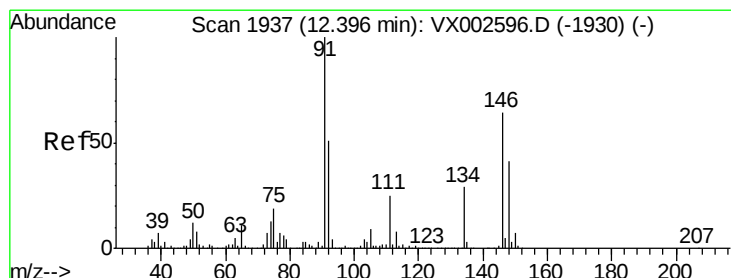
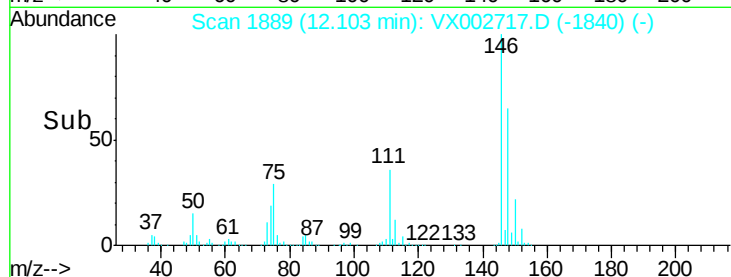
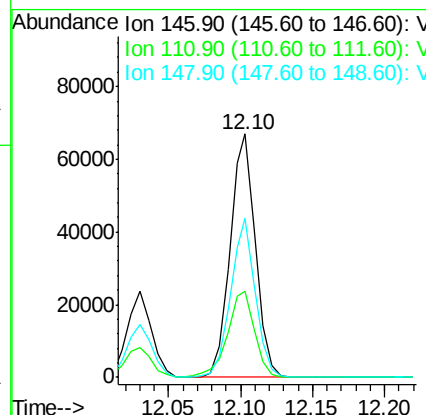
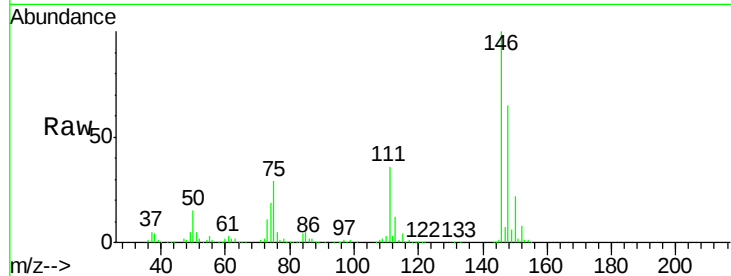




#88
 1,4-Dichlorobenzene
 Concen: 14.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002717.D
 Acq: 19 Jun 2018 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.9	32.4	97.0



#91
 1,2-Dichlorobenzene
 Concen: 111.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002717.D
 Acq: 19 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.1
148	64.1	31.7	95.1

