

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002705.D
 Acq On : 19 Jun 2018 03:40
 Operator : JC/MD
 Sample : J3536-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW639-180612

Quant Time: Jun 19 07:06:12 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

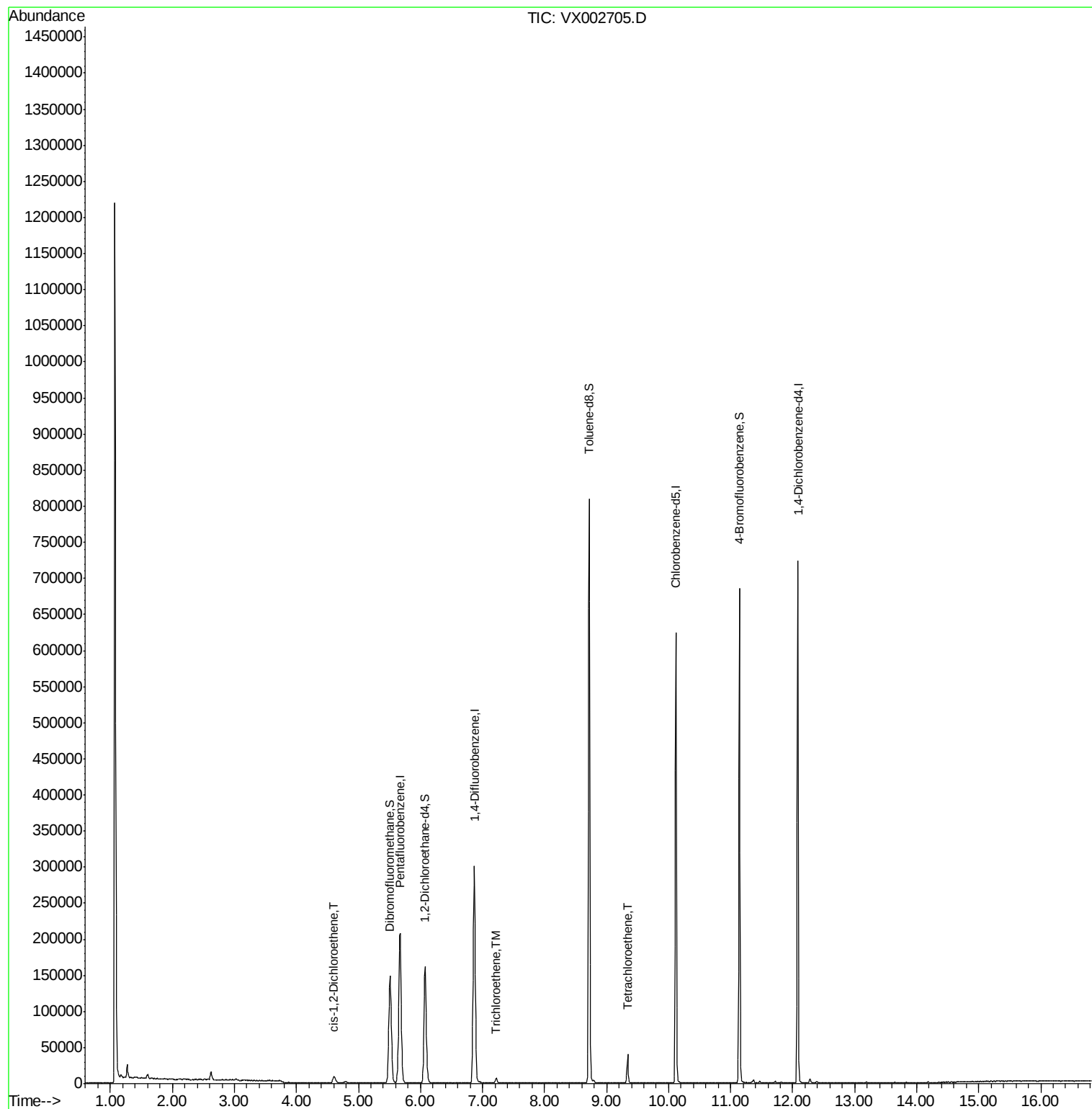
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293599	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153422	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.51	113	120933	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	8.72	98	457266	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	156986	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	4165	1.636	ug/l	48
44) Trichloroethene	7.23	130	2241	0.830	ug/l	93
64) Tetrachloroethene	9.34	164	7144	2.357	ug/l	96

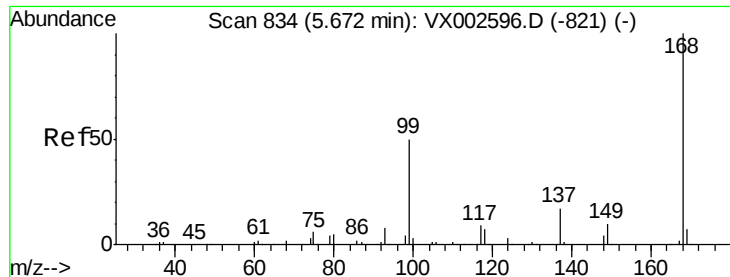
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

Instrument :

MSVOA_X

ClientSampleId :

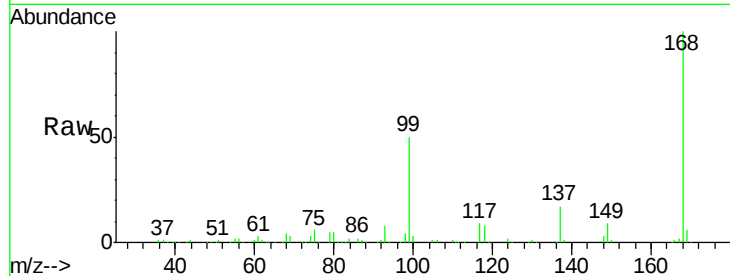
SS050MW639-180612

Tot Ion:168 Resp: 206392

Ion Ratio Lower Upper

168 100

99 49.8 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

80000

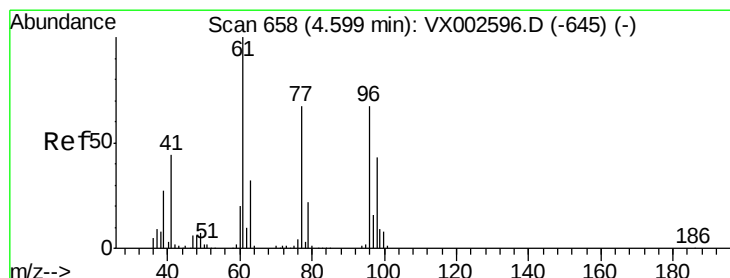
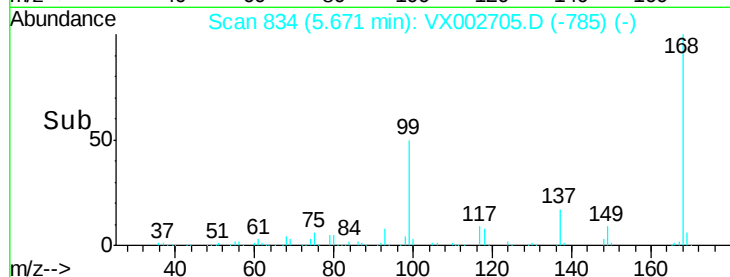
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.636 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

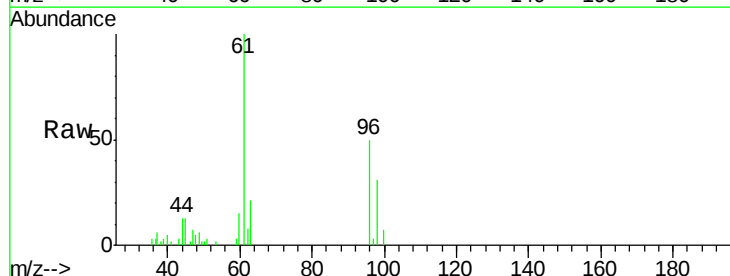
Tgt Ion: 96 Resp: 4165

Ion Ratio Lower Upper

96 100

61 258.0 0.0 330.2

98 71.0 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

4000

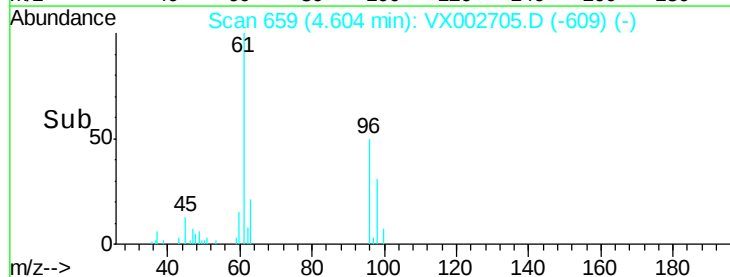
3000

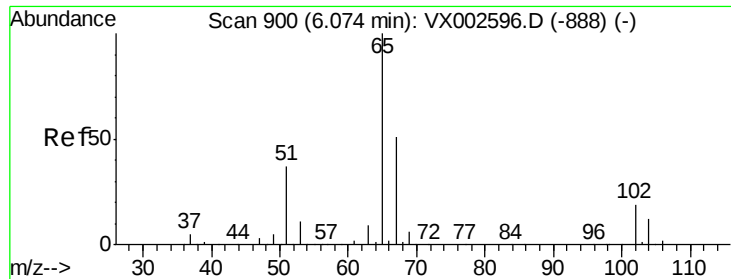
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.917 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

Instrument :

MSVOA_X

ClientSampleId :

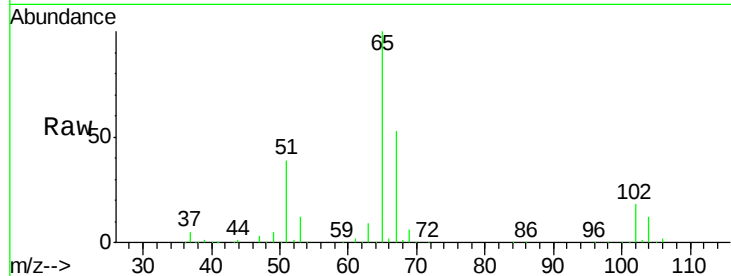
SS050MW639-180612

Tot Ion: 65 Resp: 153422

Ion Ratio Lower Upper

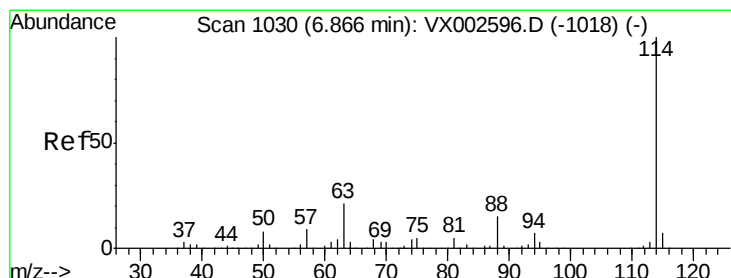
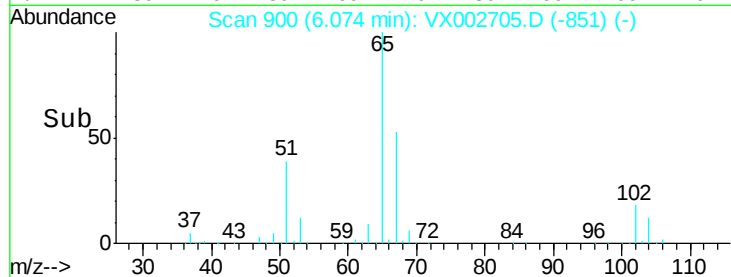
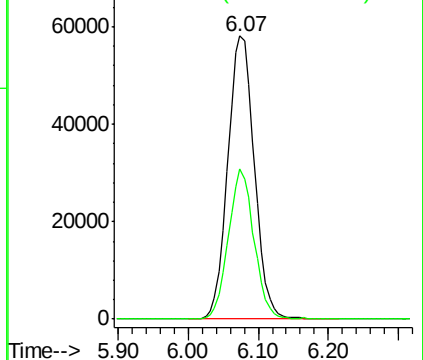
65 100

67 50.9 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

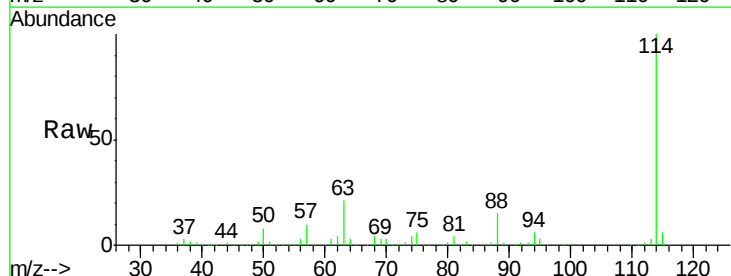
Tgt Ion: 114 Resp: 293599

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

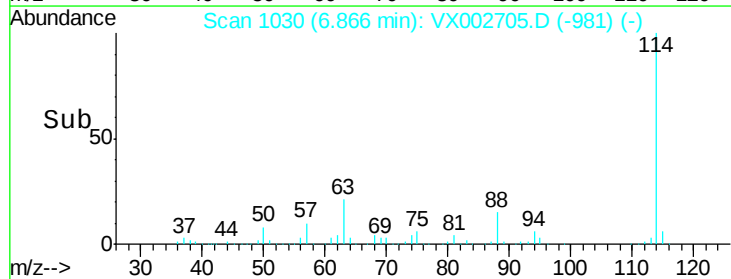
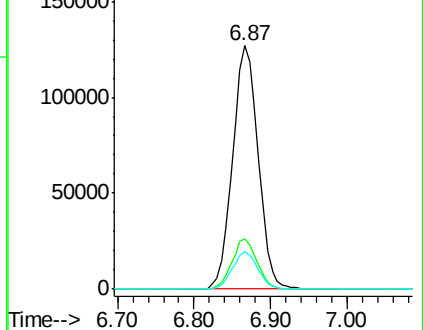
88 15.2 0.0 30.0

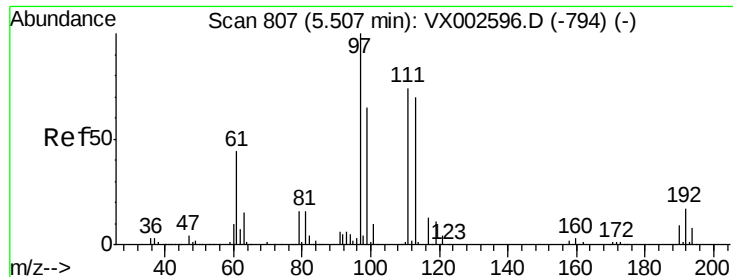


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.610 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW639-180612

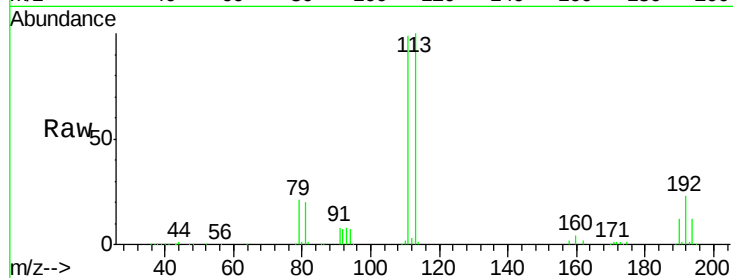
Tot Ion:113 Resp: 120933

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

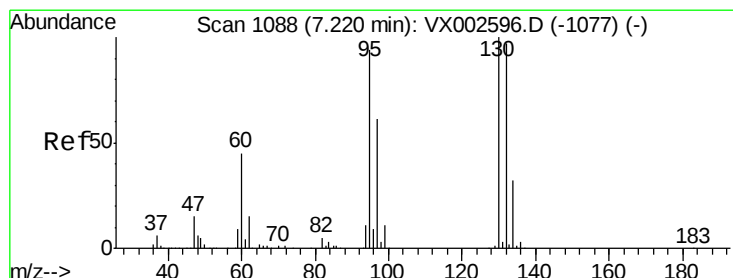
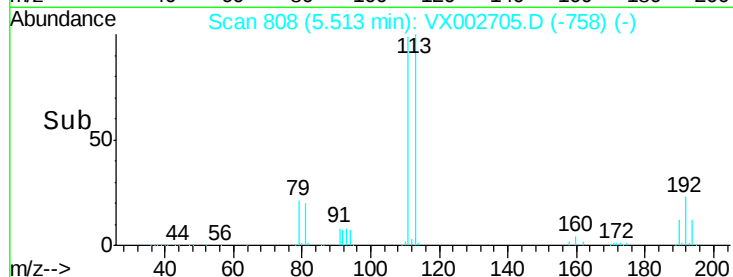
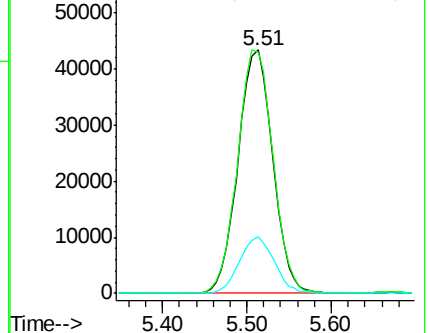
192 23.3 19.1 28.7



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



#44

Trichloroethene

Concen: 0.830 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX002705.D

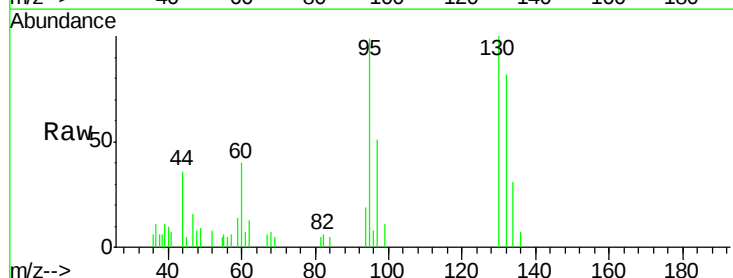
Acq: 19 Jun 2018 03:40

Tgt Ion:130 Resp: 2241

Ion Ratio Lower Upper

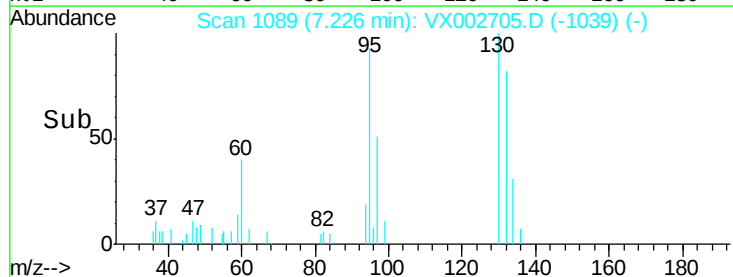
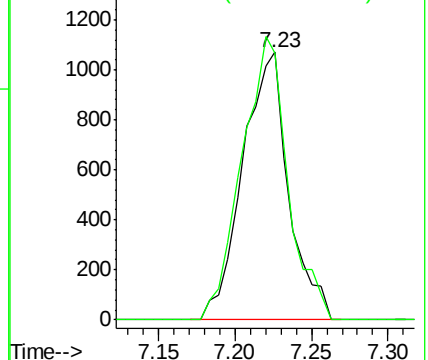
130 100

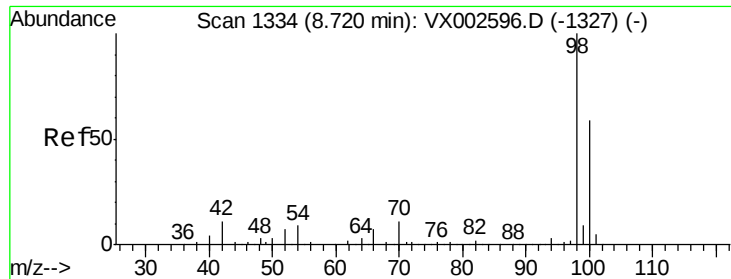
95 99.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

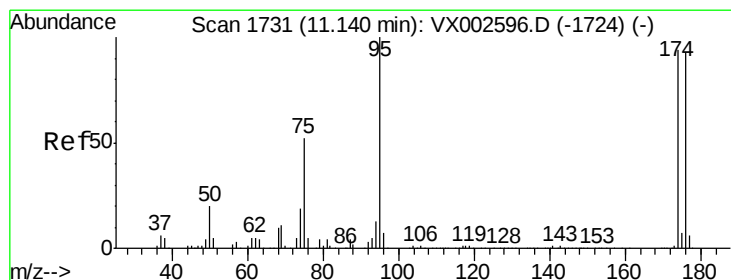
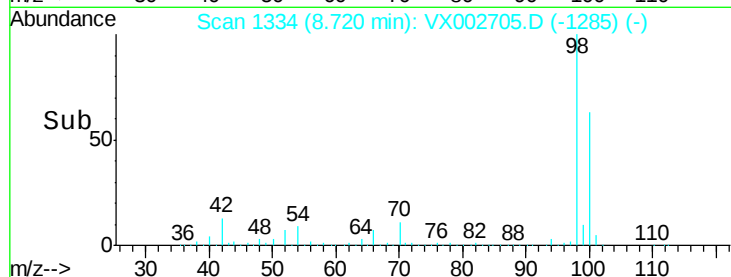
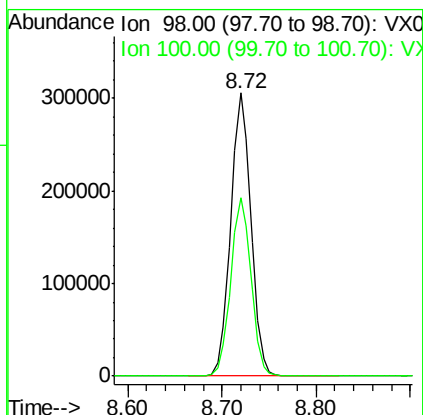
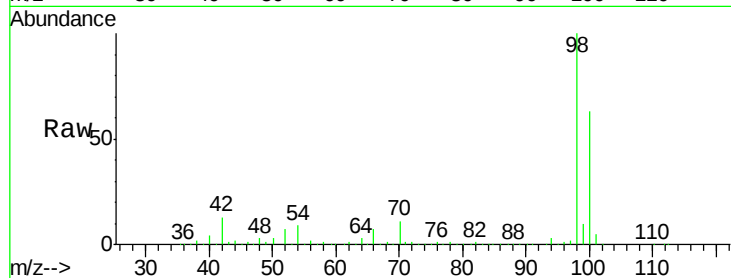




#50
Toluene-d8
Concen: 51.395 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002705.D
Acq: 19 Jun 2018 03:40

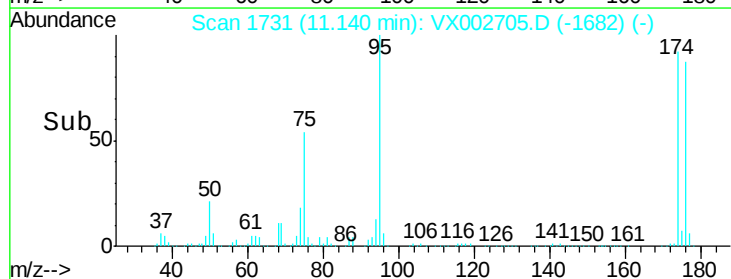
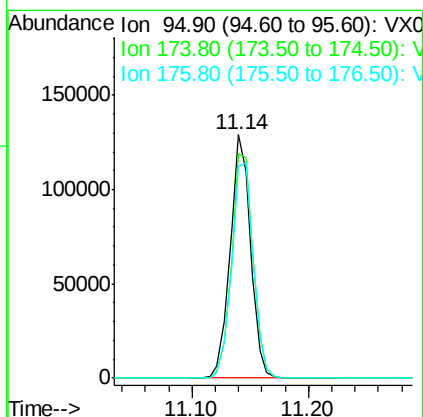
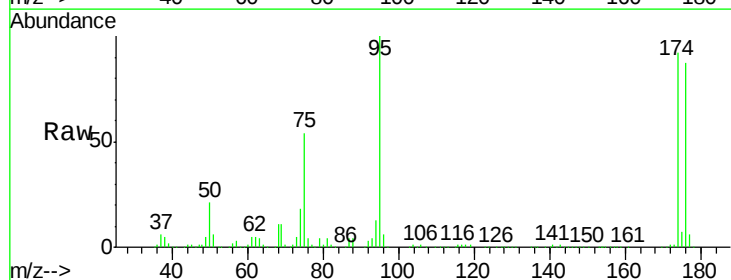
Instrument :
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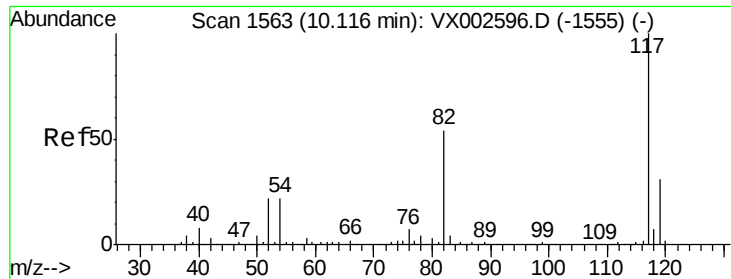
Tot Ion: 98 Resp: 457266
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002705.D
Acq: 19 Jun 2018 03:40

Tgt Ion: 95 Resp: 156986
Ion Ratio Lower Upper
95 100
174 97.4 0.0 187.4
176 94.7 0.0 181.0

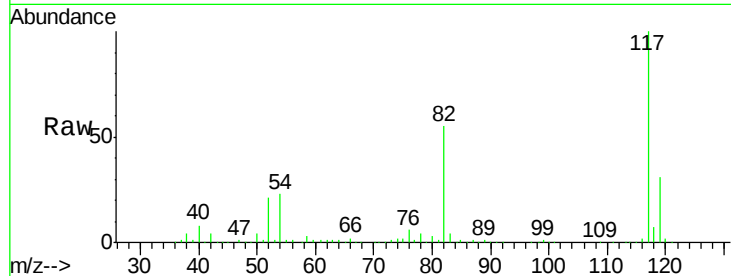




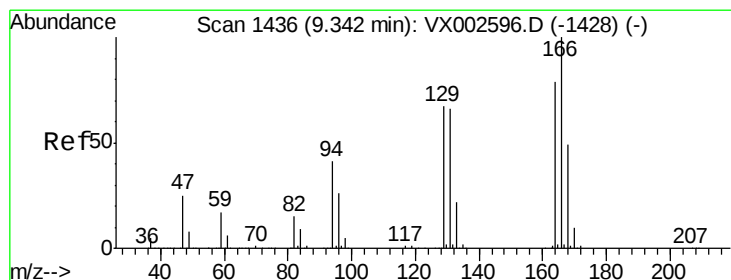
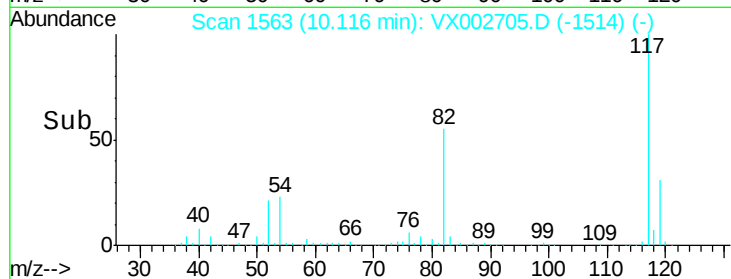
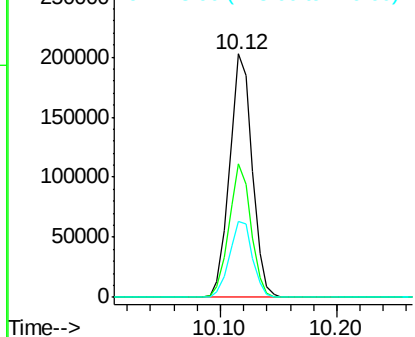
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002705.D
Acq: 19 Jun 2018 03:40

Instrument :
MSVOA_X
ClientSampleId :
SS050MW639-180612

Tot Ion:117 Resp: 273057
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.3 25.8 38.6

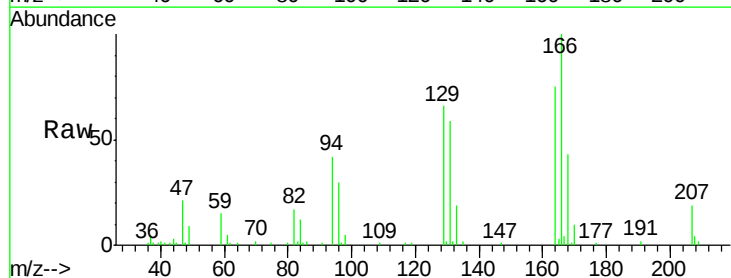


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

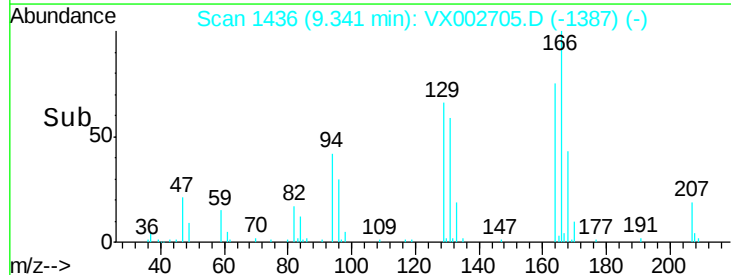
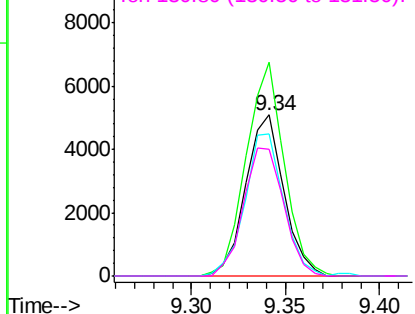


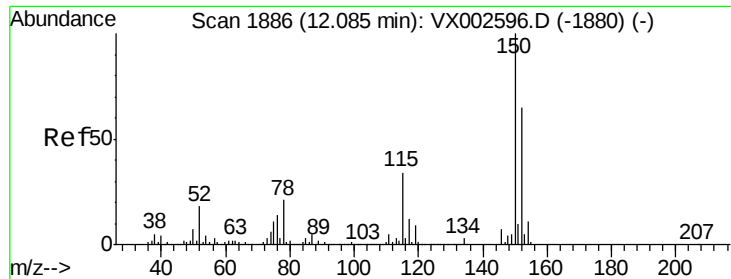
#64
Tetrachloroethene
Concen: 2.357 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002705.D
Acq: 19 Jun 2018 03:40

Tgt Ion:164 Resp: 7144
Ion Ratio Lower Upper
164 100
166 132.8 102.9 154.3
129 88.2 68.6 102.8
131 78.5 66.8 100.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002705.D

Acq: 19 Jun 2018 03:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW639-180612

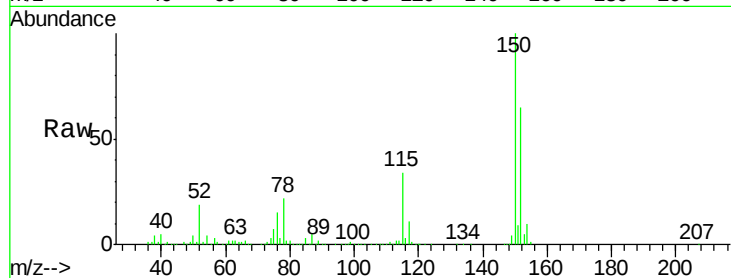
Tot Ion:152 Resp: 152271

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

150 156.0 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

