

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002519.D
 Acq On : 13 Jun 2018 20:02
 Operator : JC/MD
 Sample : J3404-05 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Quant Time: Jun 14 03:20:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

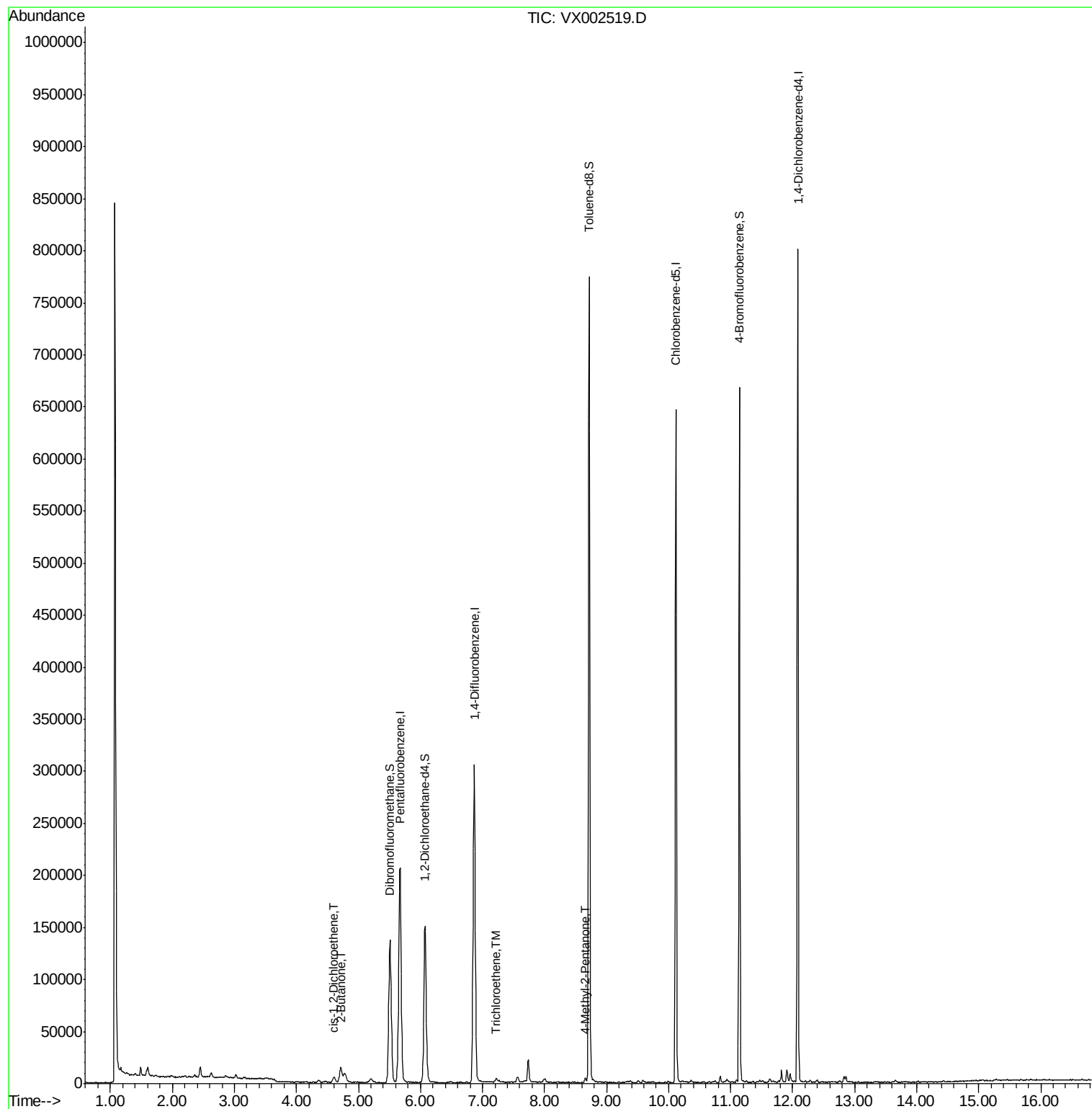
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145295	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	5.51	113	109465	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.72	98	430979	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.14	95	152546	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
25) 2-Butanone	4.71	43	25471	12.907	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2224	0.866	ug/l	48
44) Trichloroethene	7.22	130	1173	0.442	ug/l	92
51) 4-Methyl-2-Pentanone	8.66	43	2691	0.679	ug/l	97

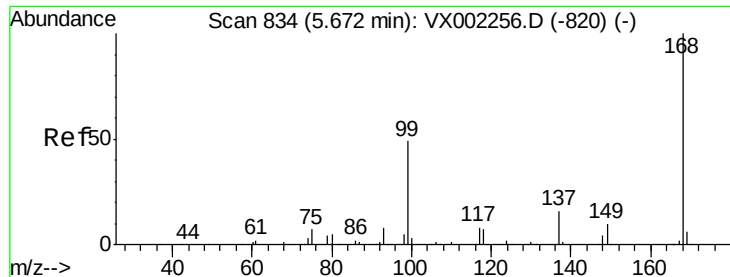
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002519.D

Acq: 13 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

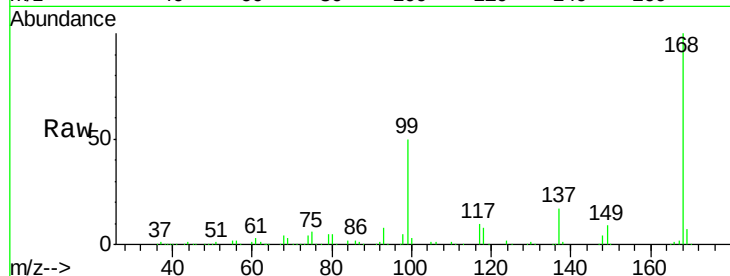
SS050MW513-180607MS

Tot Ion:168 Resp: 201262

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

5.67

80000

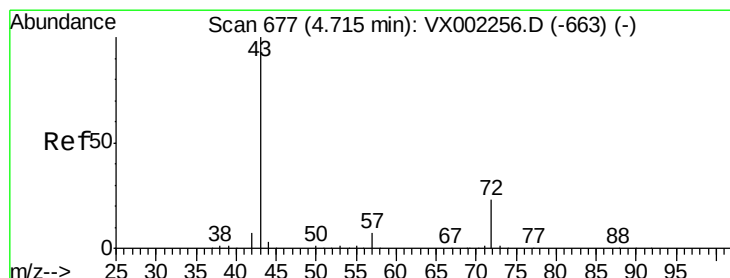
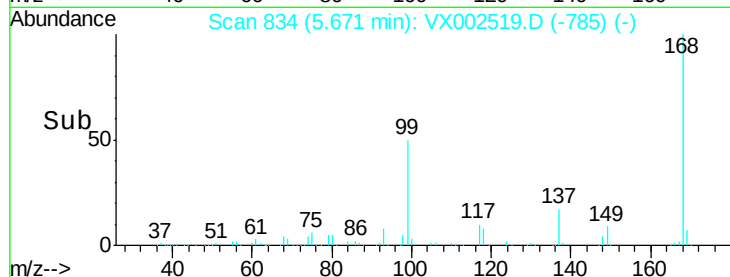
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#25

2-Butanone

Concen: 12.907 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002519.D

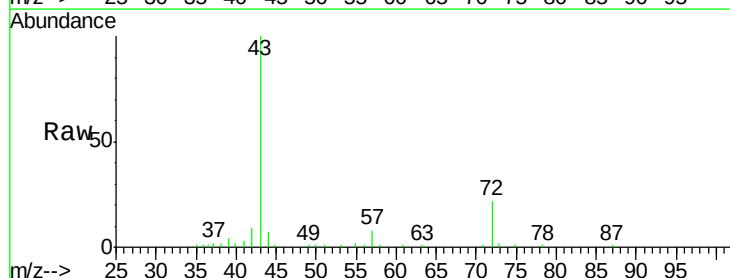
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 25471

Ion Ratio Lower Upper

43 100

72 21.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

10000

8000

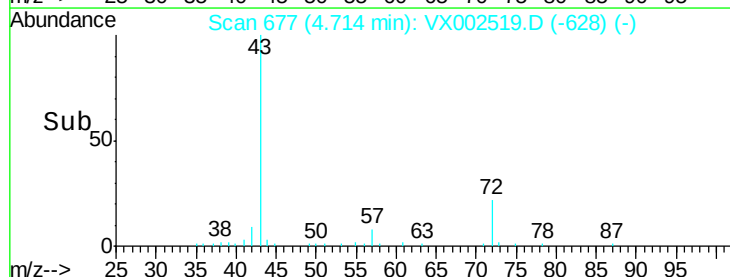
6000

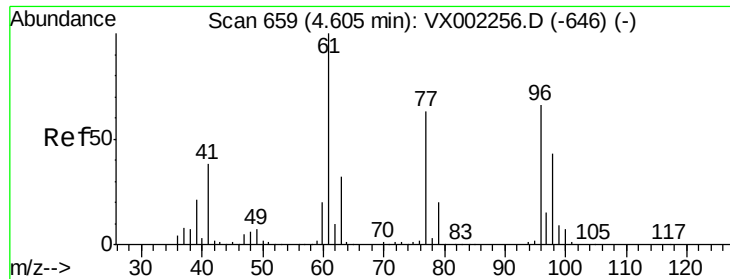
4000

2000

0

Time--> 4.60 4.70 4.80





#27

cis-1,2-Dichloroethene

Concen: 0.866 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002519.D

Acq: 13 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

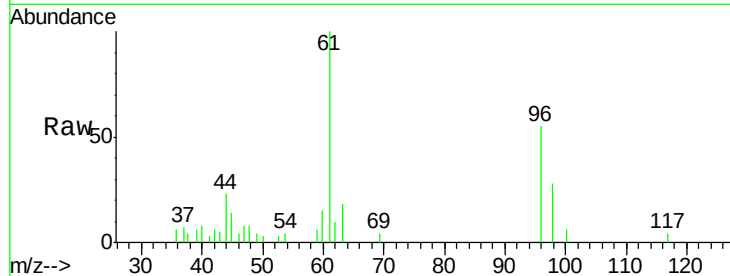
Tot Ion: 96 Resp: 2224

Ion Ratio Lower Upper

96 100

61 258.4 0.0 330.2

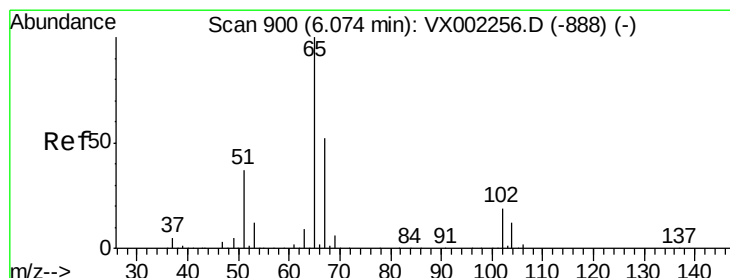
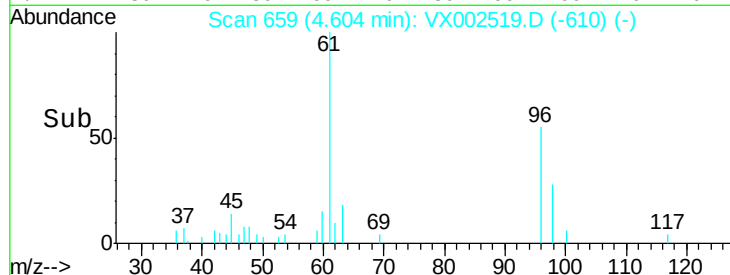
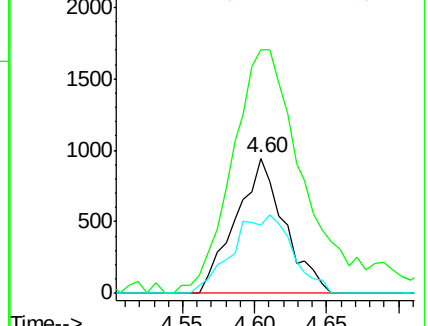
98 71.5 0.0 130.2



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



#33

1,2-Dichloroethane-d4

Concen: 50.520 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002519.D

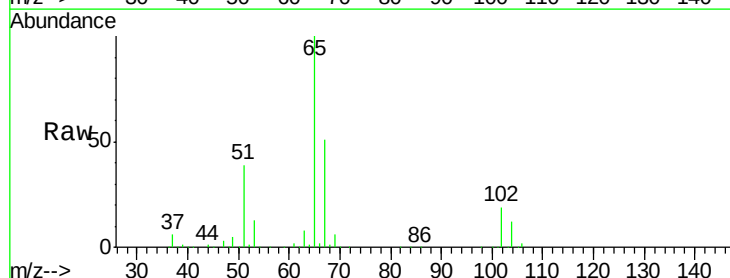
Acq: 13 Jun 2018 20:02

Tgt Ion: 65 Resp: 145295

Ion Ratio Lower Upper

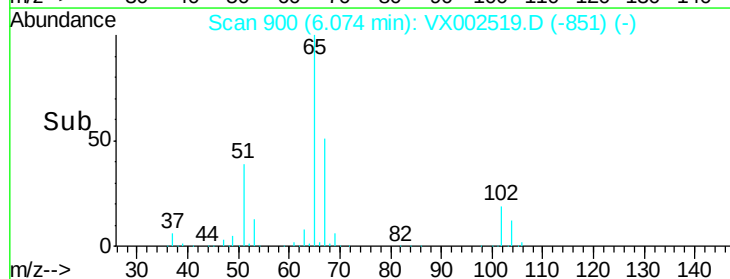
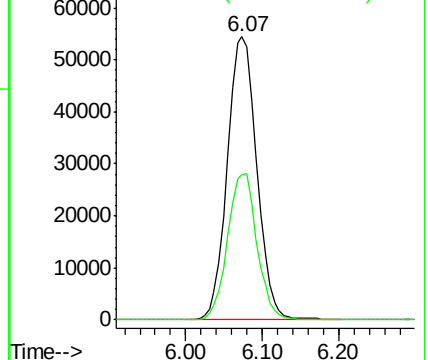
65 100

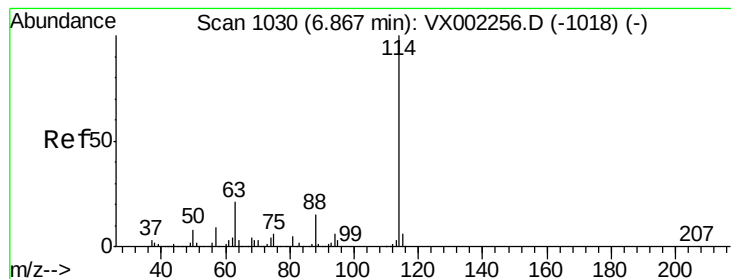
67 51.5 0.0 102.6



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: VX002519.D

Acq: 13 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

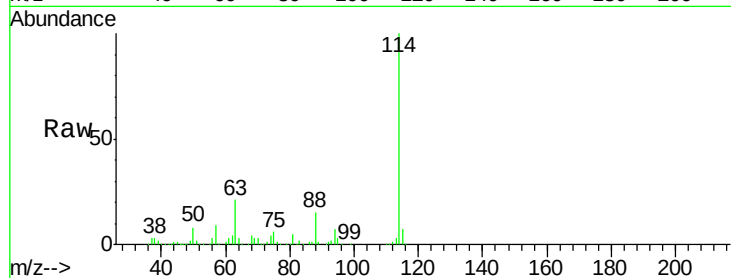
Tot Ion:114 Resp: 296511

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.1 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

150000

100000

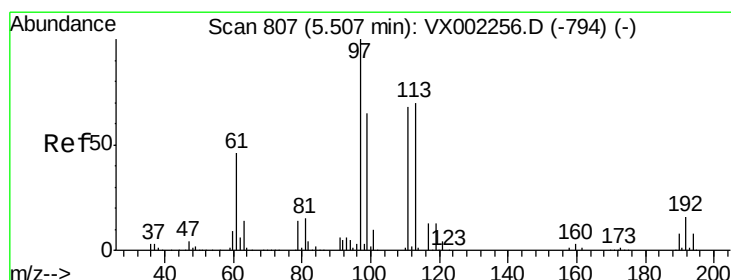
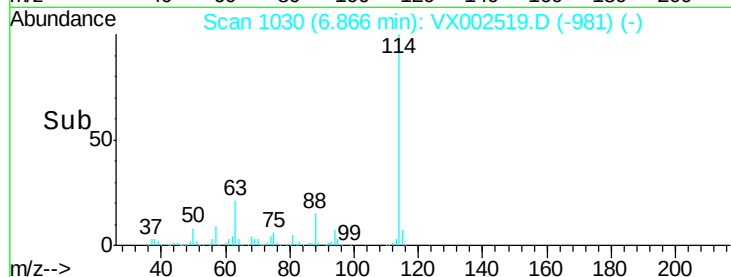
50000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.945 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002519.D

Acq: 13 Jun 2018 20:02

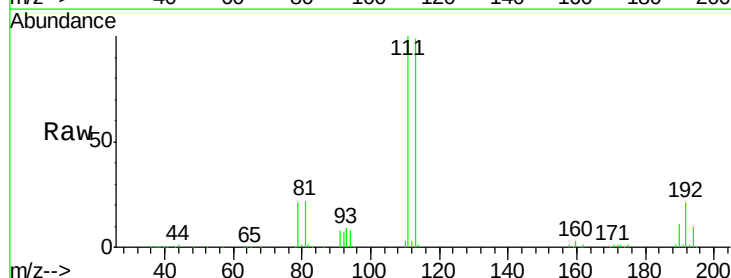
Tgt Ion:113 Resp: 109465

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 22.7 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

50000

40000

30000

20000

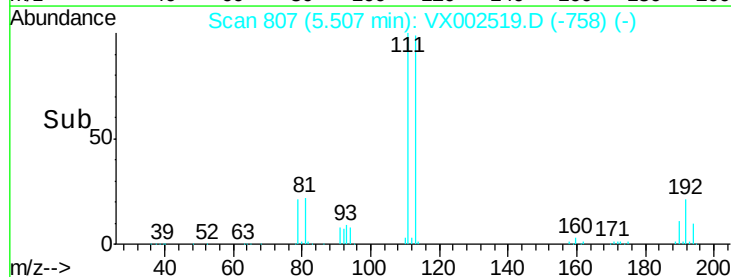
10000

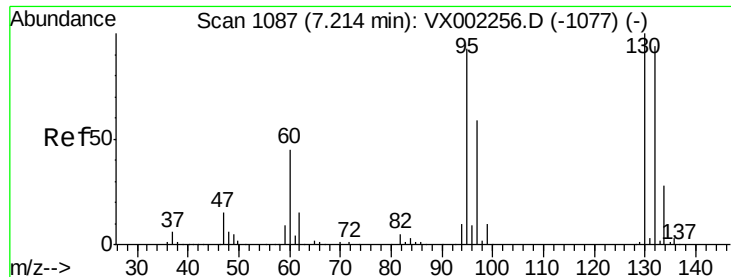
0

5.51

5.40 5.50 5.60 5.70

Time-->

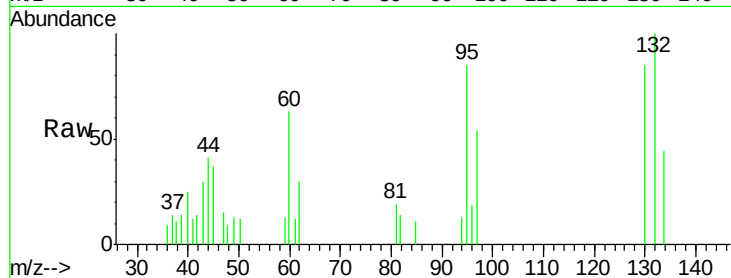




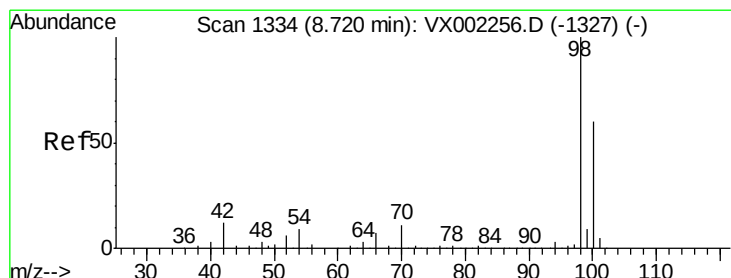
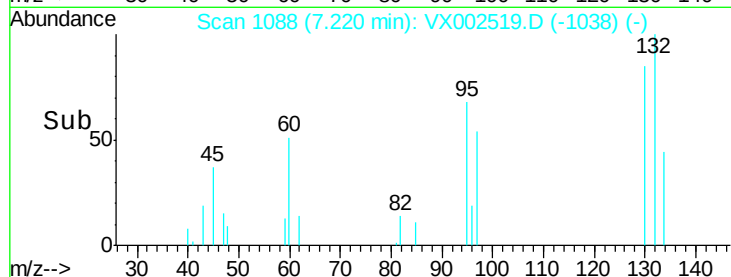
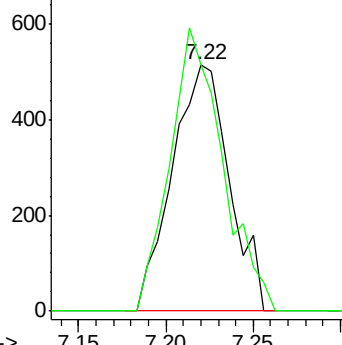
#44
 Trichloroethene
 Concen: 0.442 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002519.D
 Acq: 13 Jun 2018 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion:130 Resp: 1173
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 185.4

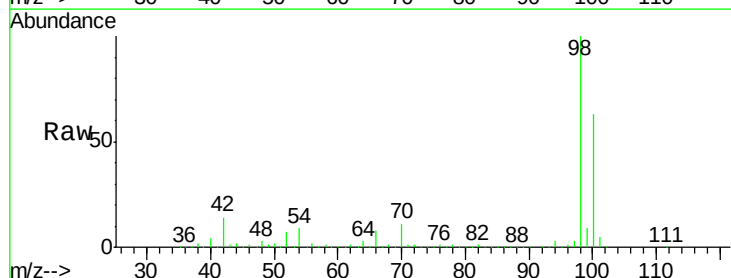


Abundance Ion 129.80 (129.50 to 130.50): V

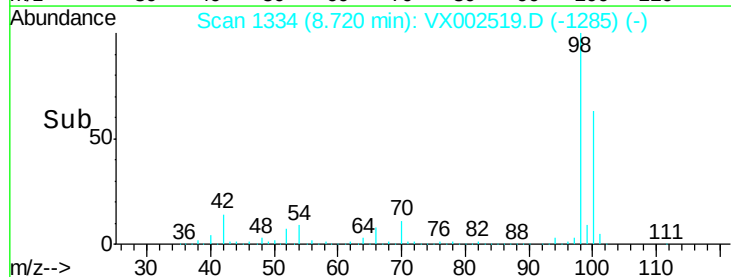
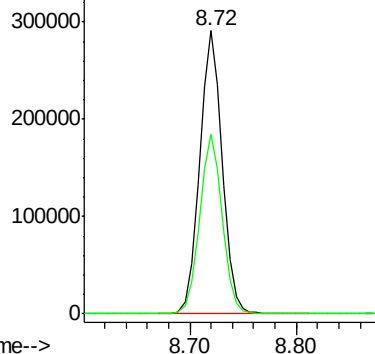


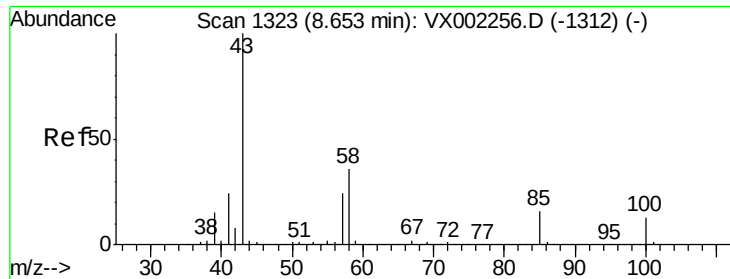
#50
 Toluene-d8
 Concen: 48.221 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002519.D
 Acq: 13 Jun 2018 20:02

Tgt Ion: 98 Resp: 430979
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.679 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002519.D

Acq: 13 Jun 2018 20:02

Instrument :

MSVOA_X

ClientSampleId :

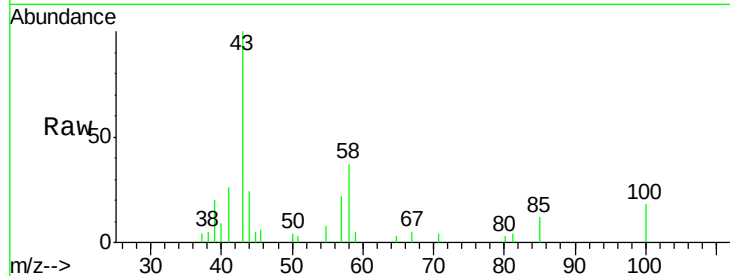
SS050MW513-180607MS

Tot Ion: 43 Resp: 2691

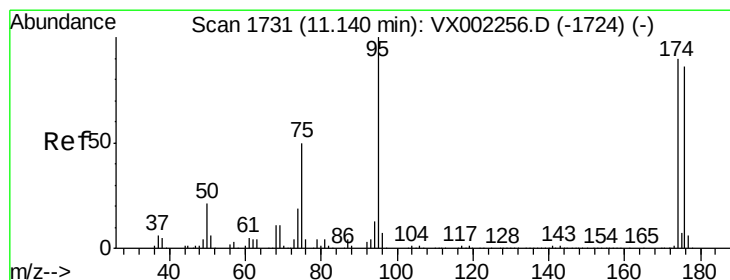
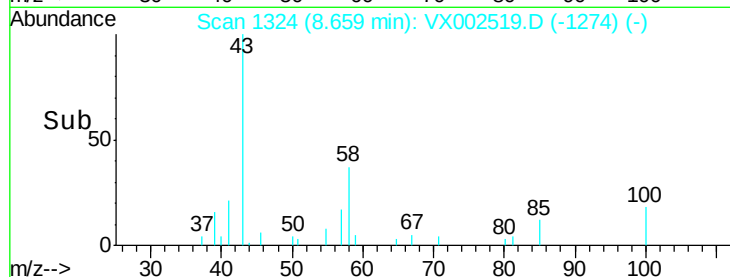
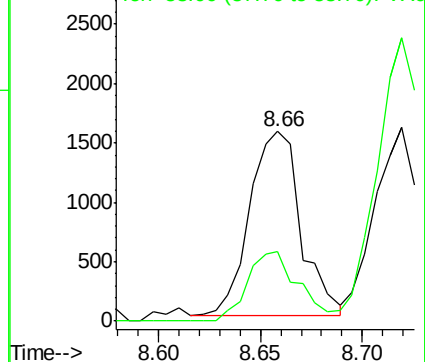
Ion Ratio Lower Upper

43 100

58 37.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.262 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002519.D

Acq: 13 Jun 2018 20:02

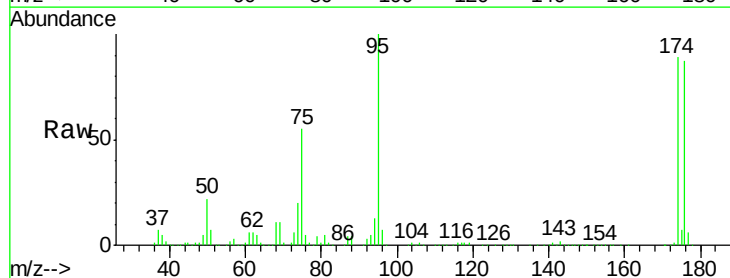
Tgt Ion: 95 Resp: 152546

Ion Ratio Lower Upper

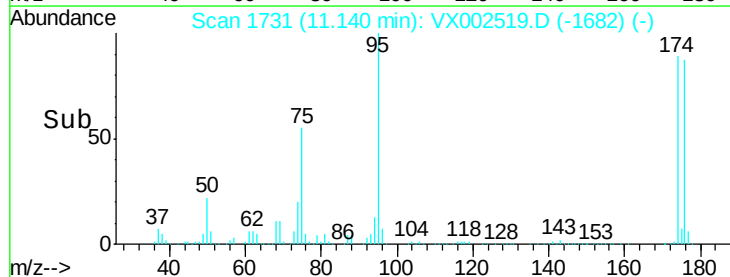
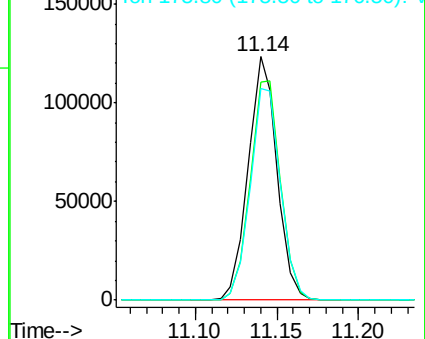
95 100

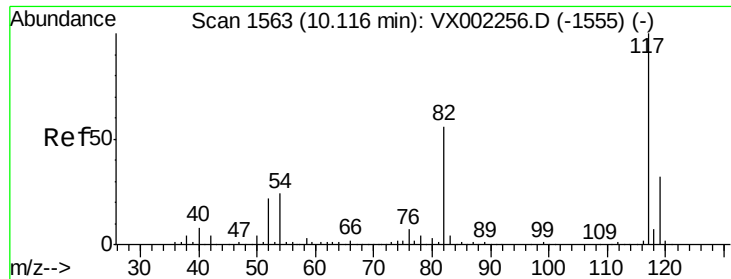
174 94.6 0.0 187.4

176 91.6 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

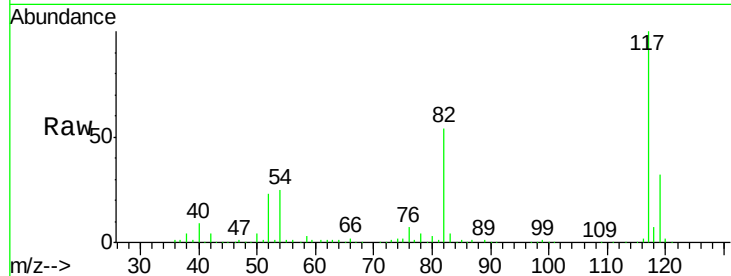




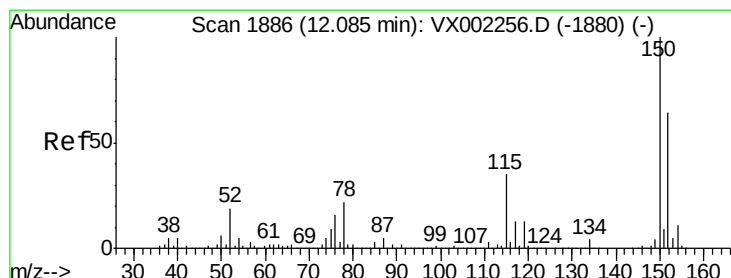
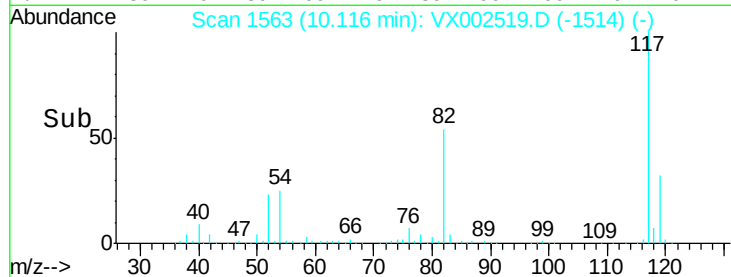
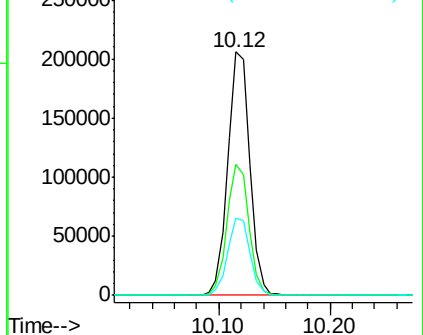
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion:117 Resp: 281808
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.7 25.8 38.6

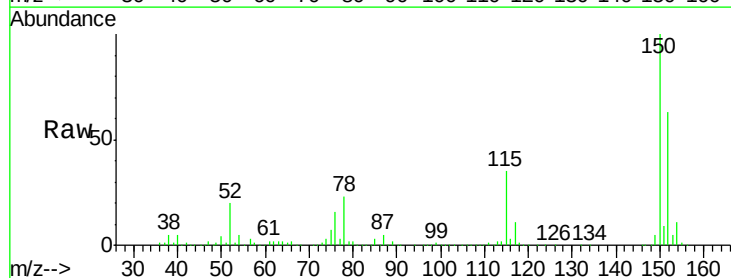


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion:152 Resp: 161697
Ion Ratio Lower Upper
152 100
115 55.4 40.1 120.2
150 156.4 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

