

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002475.D
 Acq On : 12 Jun 2018 19:04
 Operator : JC/MD
 Sample : J3404-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-180607

Quant Time: Jun 13 02:23:01 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	207078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159735	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	160291	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	120715	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	8.72	98	468847	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.14	95	164306	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

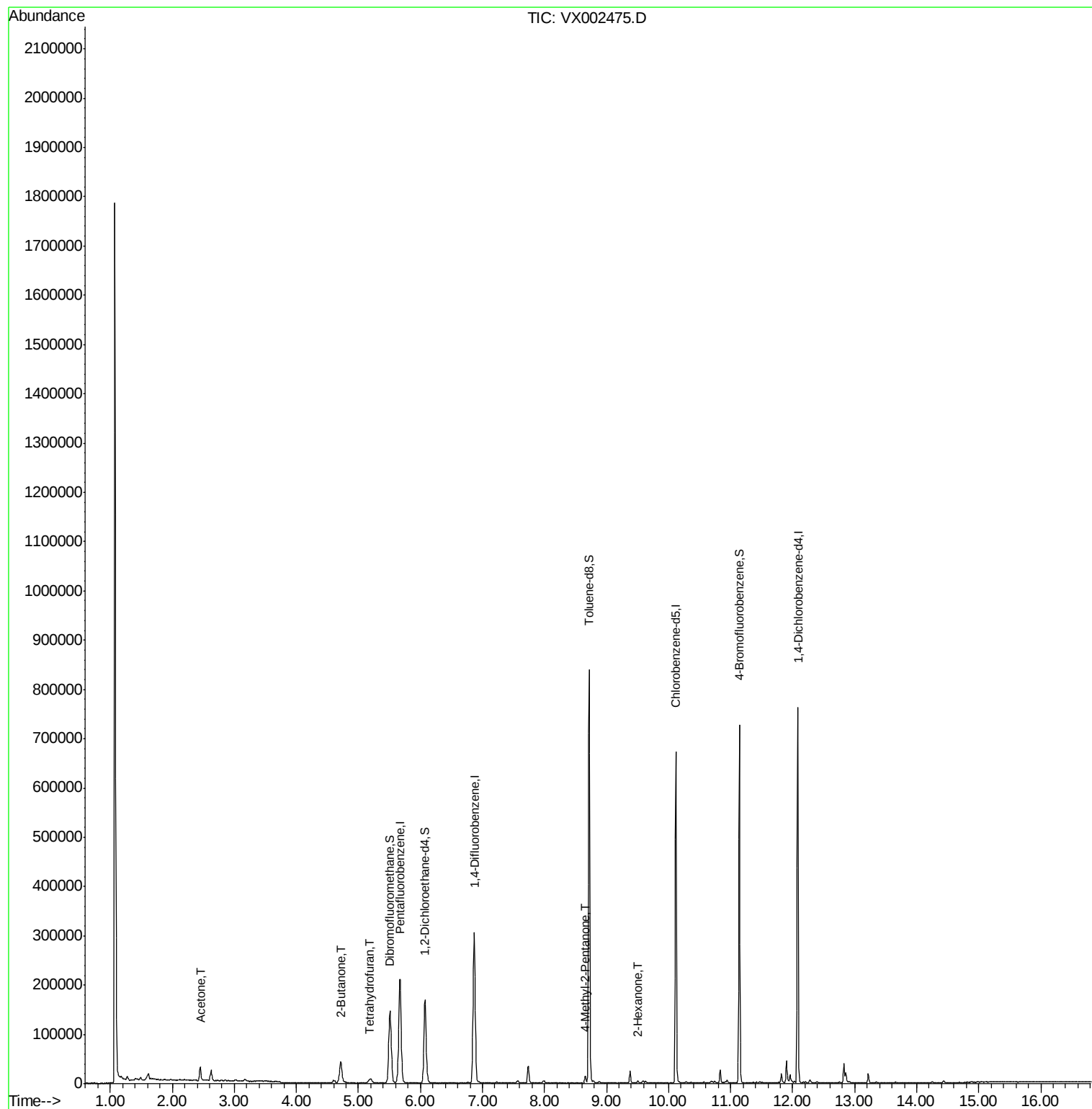
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	30440	5.125	ug/l	99
25) 2-Butanone	4.71	43	77223	38.034	ug/l	98
29) Tetrahydrofuran	5.18	42	5889	4.499	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	6271	1.562	ug/l	98
59) 2-Hexanone	9.51	43	2546	0.821	ug/l	96

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

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Quant Time: Jun 13 02:23:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
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# 833

Delta R.T. -0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

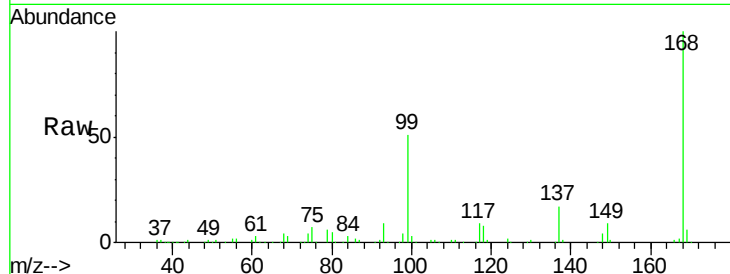
SS050MW113-180607

Tot Ion:168 Resp: 207078

Ion Ratio Lower Upper

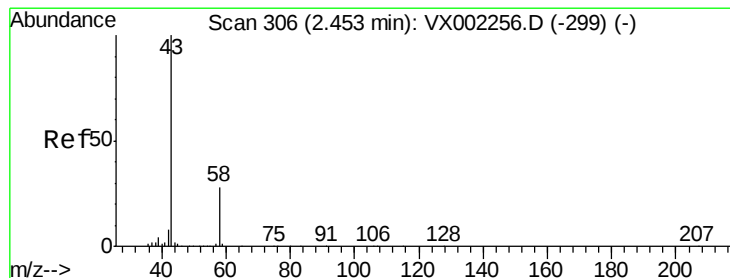
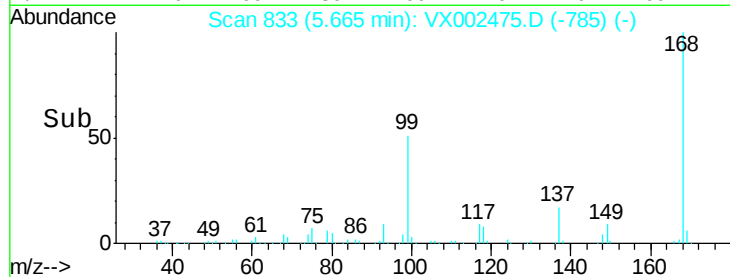
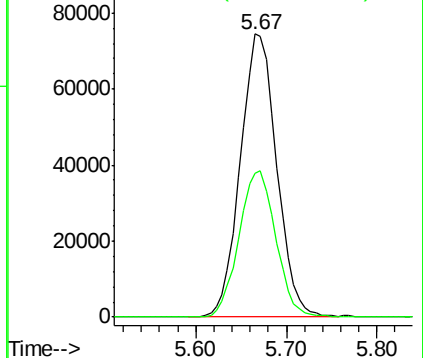
168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.125 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002475.D

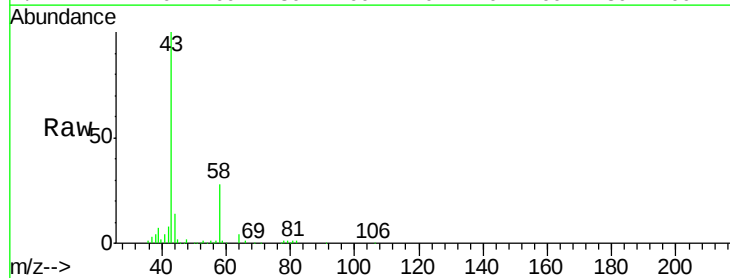
Acq: 12 Jun 2018 19:04

Tgt Ion: 43 Resp: 30440

Ion Ratio Lower Upper

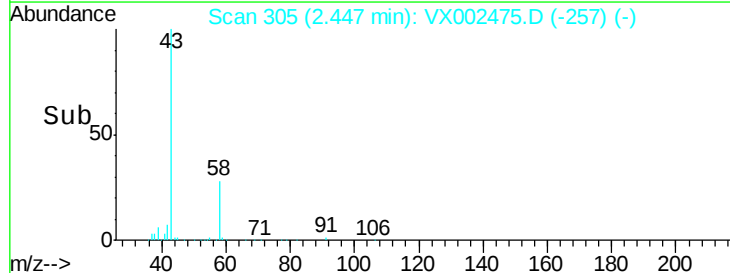
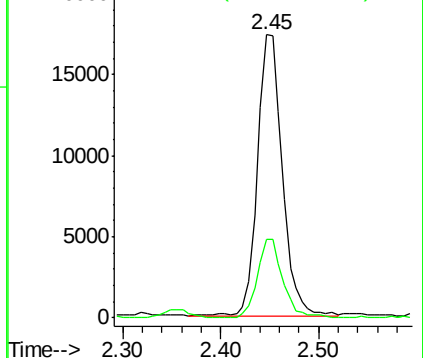
43 100

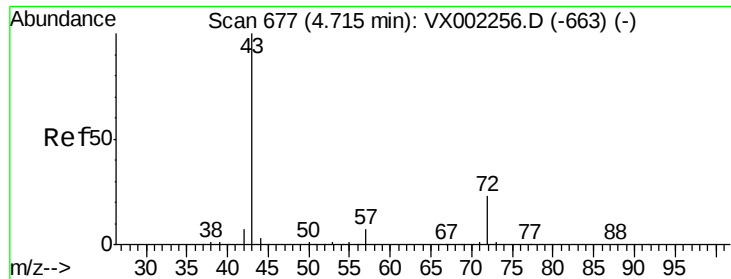
58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 38.034 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

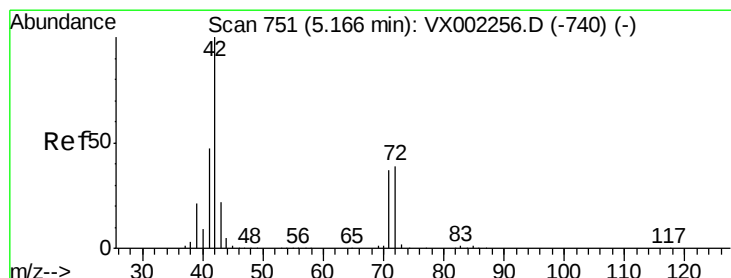
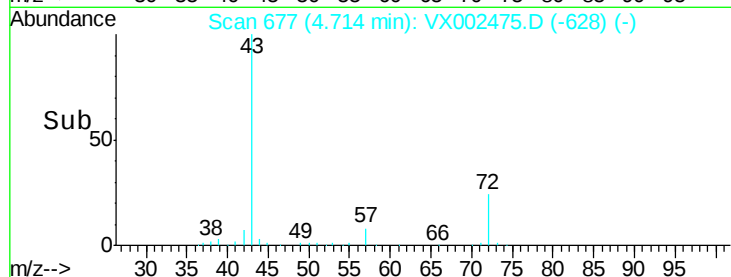
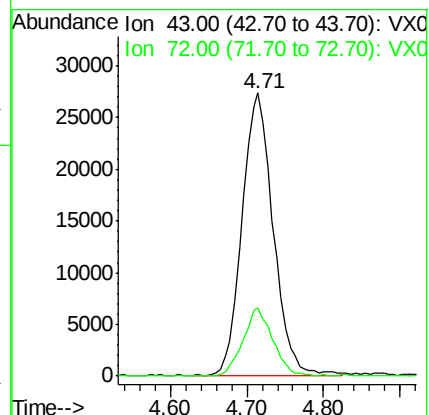
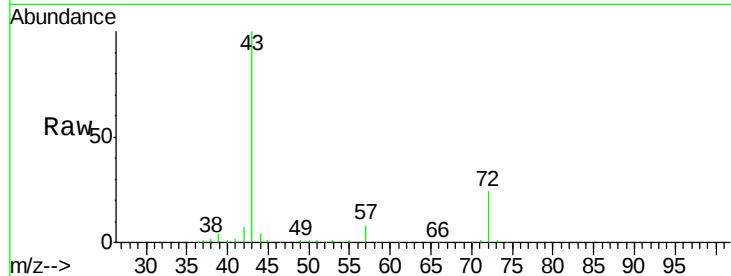
SS050MW113-180607

Tot Ion: 43 Resp: 77223

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



#29

Tetrahydrofuran

Concen: 4.499 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

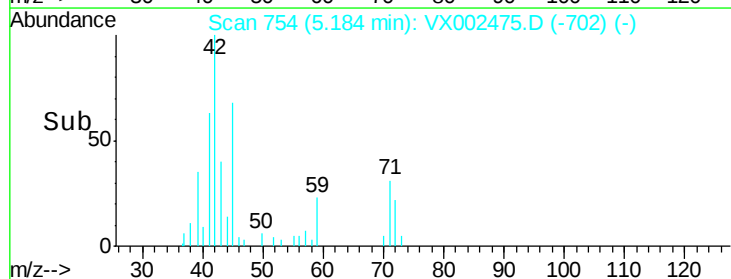
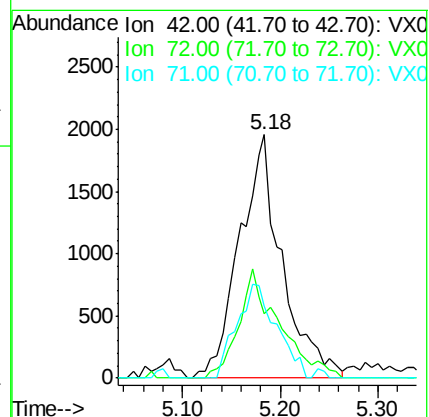
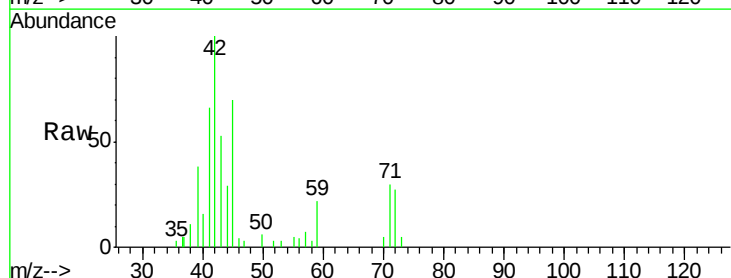
Tgt Ion: 42 Resp: 5889

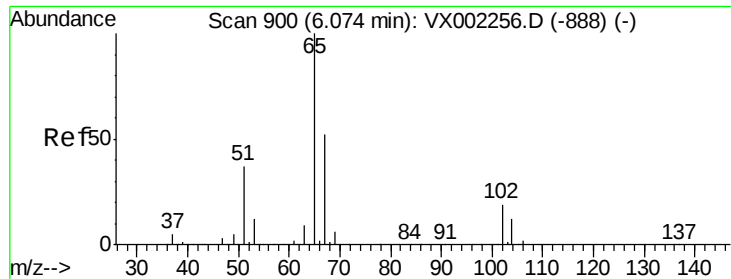
Ion Ratio Lower Upper

42 100

72 42.5 32.0 48.0

71 36.3 30.1 45.1

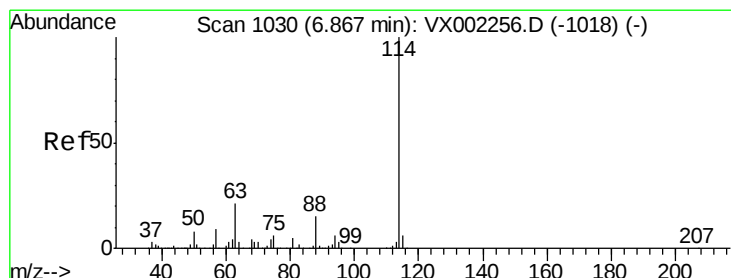
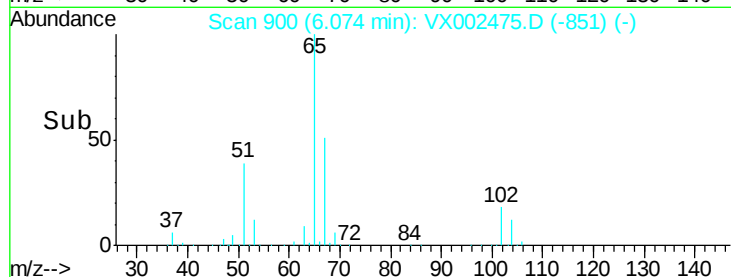
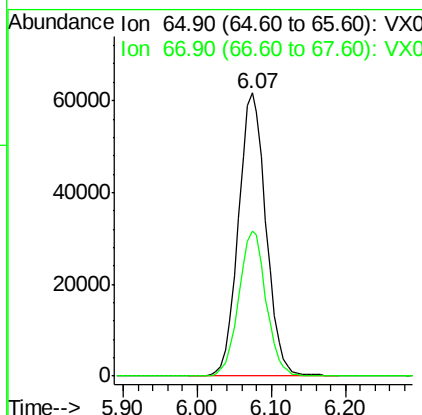
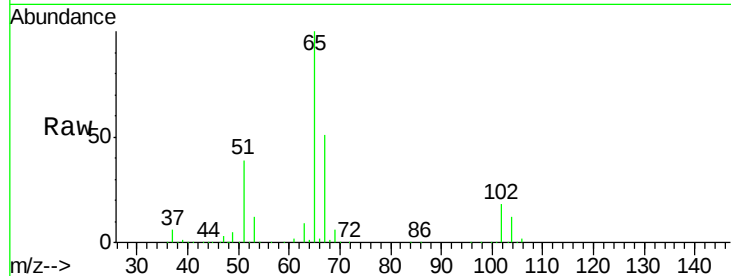




#33
 1,2-Dichloroethane-d4
 Concen: 54.437 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

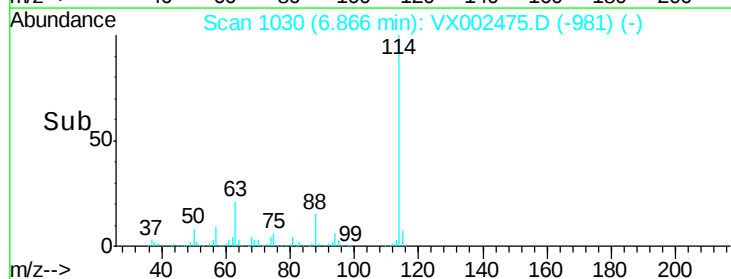
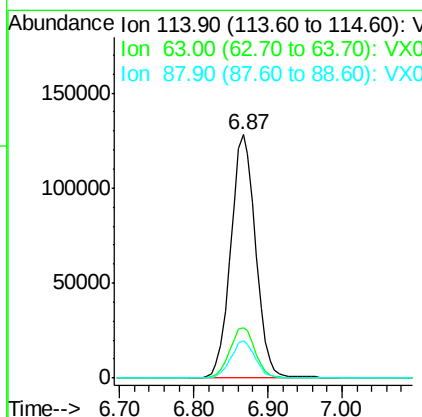
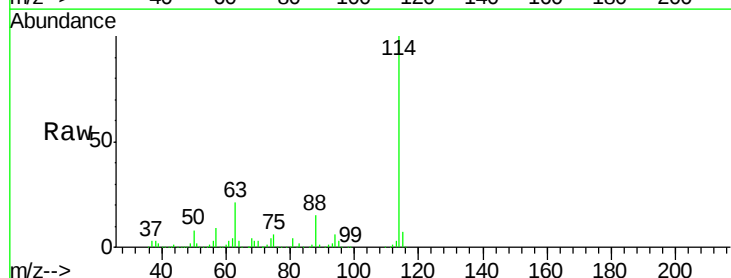
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-180607

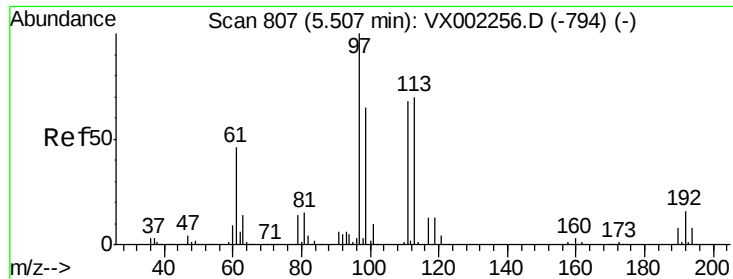
Tot Ion: 65 Resp: 160291
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

Tgt Ion: 114 Resp: 300161
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.4 0.0 30.0

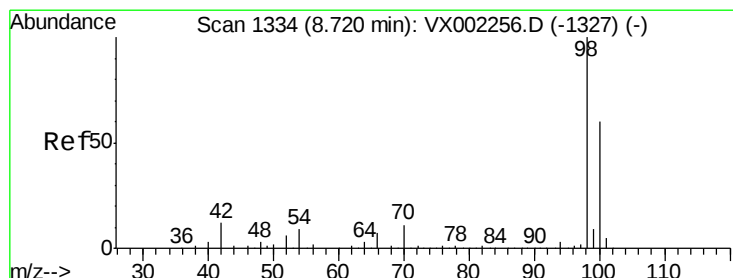
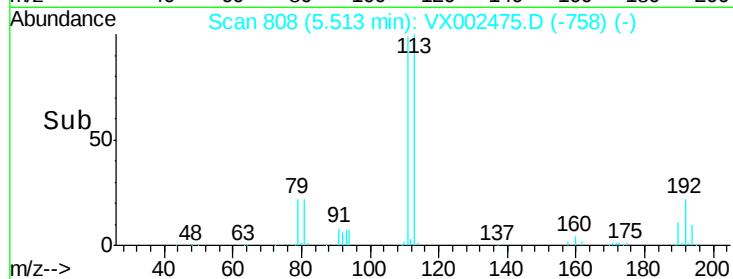
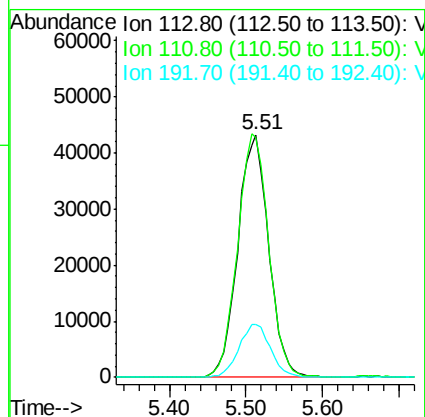
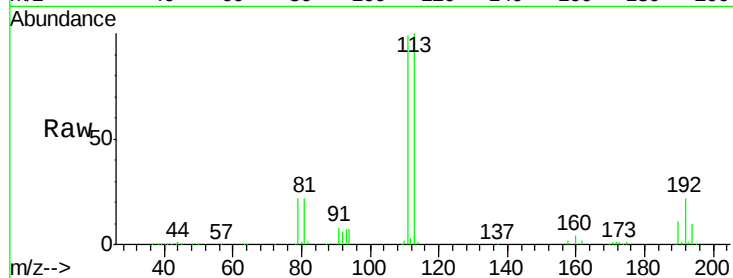




#35
 Dibromofluoromethane
 Concen: 51.140 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

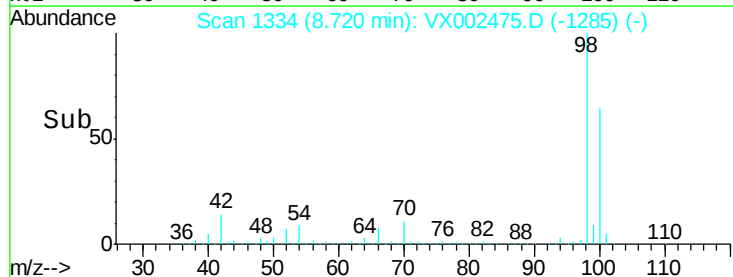
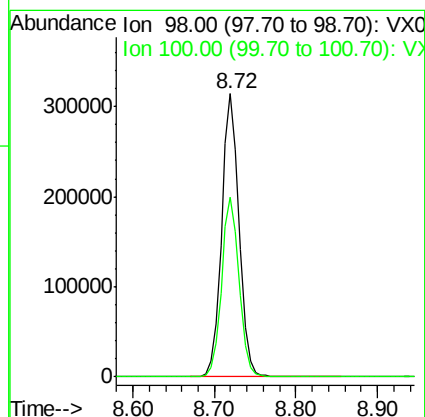
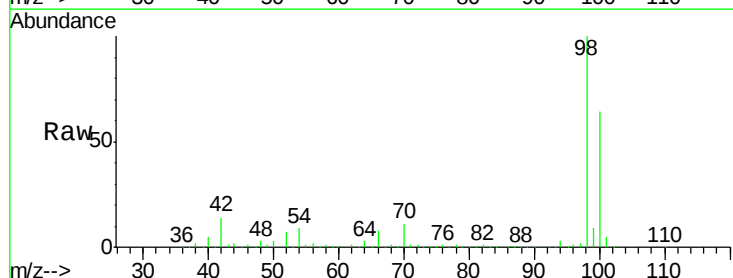
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-180607

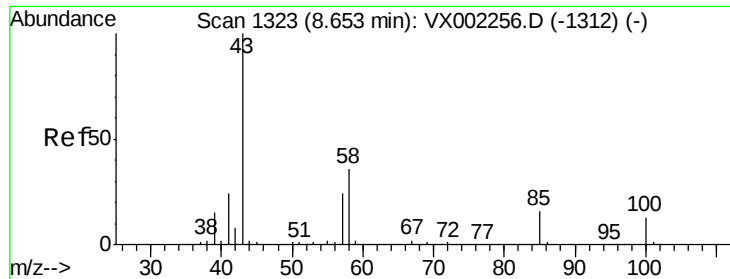
Tot Ion:113 Resp: 120715
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 22.5 19.1 28.7



#50
 Toluene-d8
 Concen: 51.820 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

Tgt Ion: 98 Resp: 468847
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 1.562 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

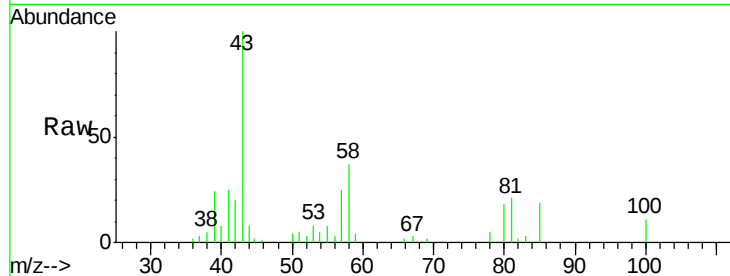
SS050MW113-180607

Tot Ion: 43 Resp: 6271

Ion Ratio Lower Upper

43 100

58 34.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

4000

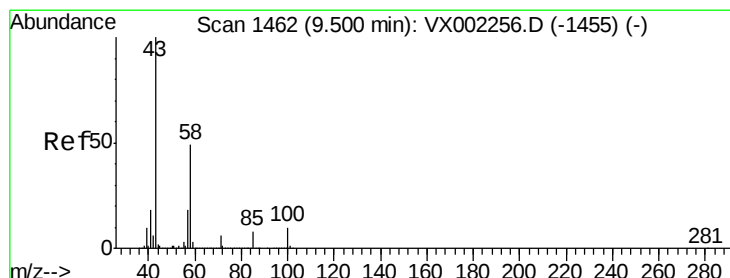
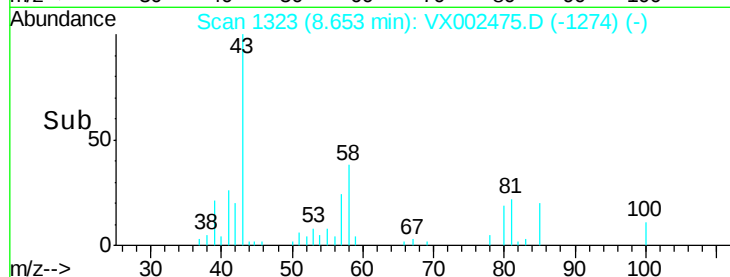
3000

2000

1000

0

Time--> 8.55 8.60 8.65 8.70



#59

2-Hexanone

Concen: 0.821 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX002475.D

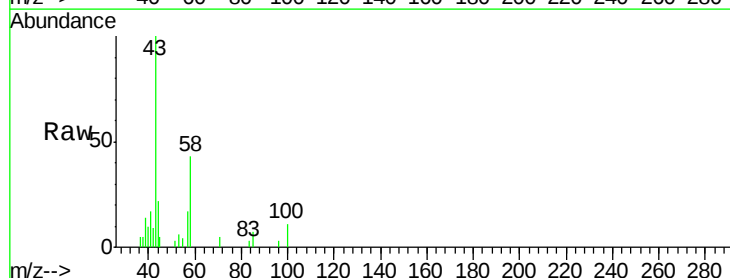
Acq: 12 Jun 2018 19:04

Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

43 100

58 46.3 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

2000

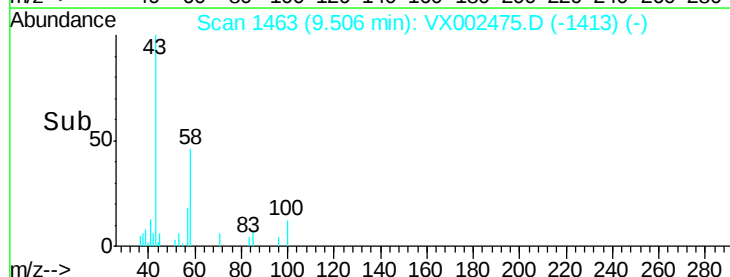
1500

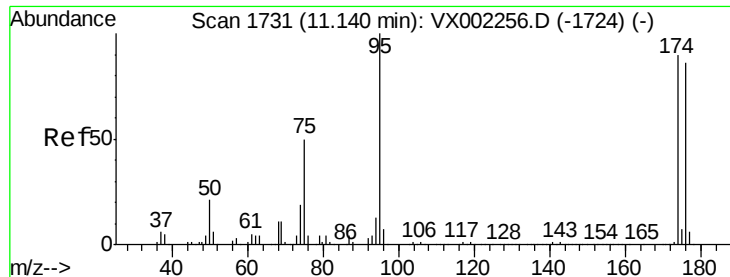
1000

500

0

Time--> 9.45 9.50 9.55

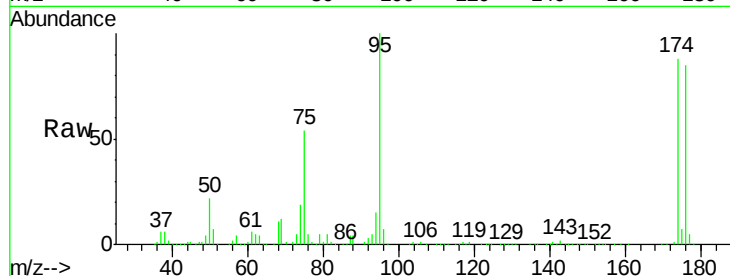




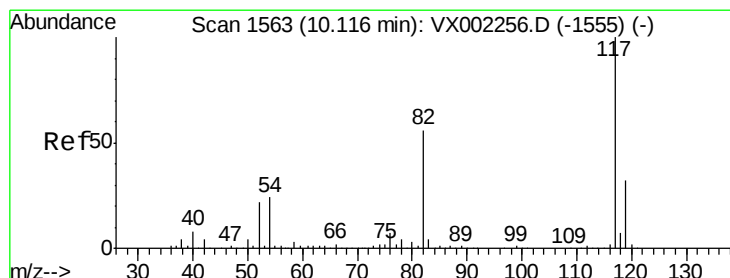
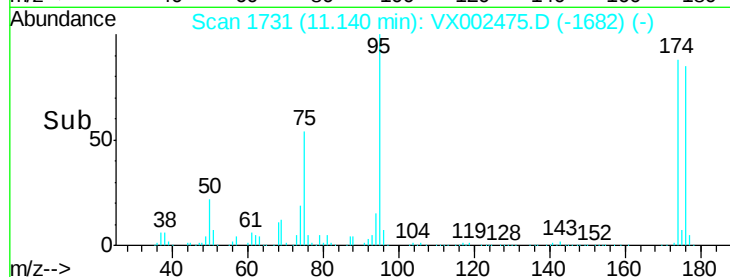
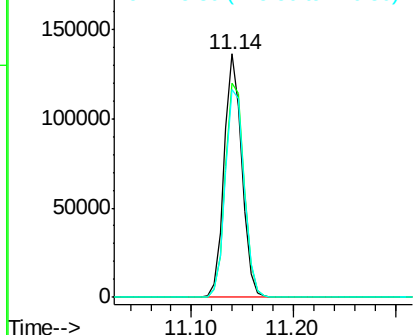
#62
4-Bromofluorobenzene
Concen: 47.094 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-180607

Tot Ion	95	Resp	164306
Ion Ratio	Lower	Upper	
95	100		
174	93.1	0.0	187.4
176	90.8	0.0	181.0

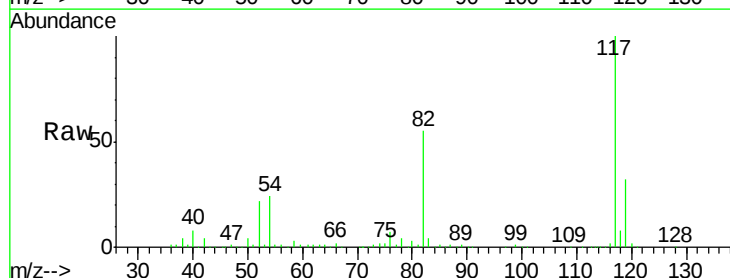


Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)
Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)
Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

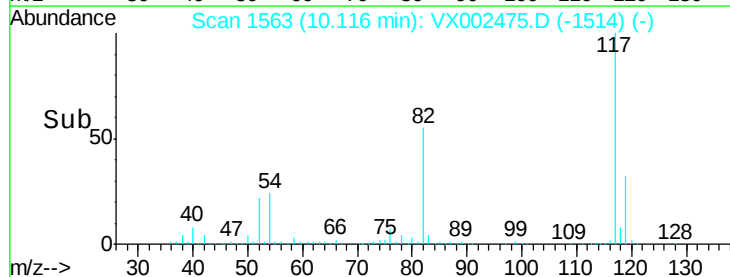
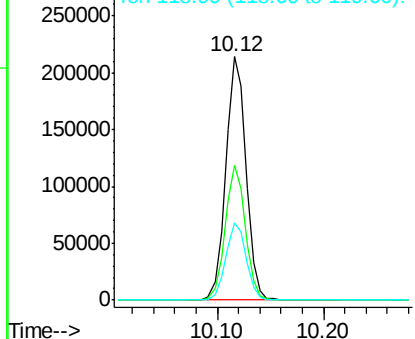


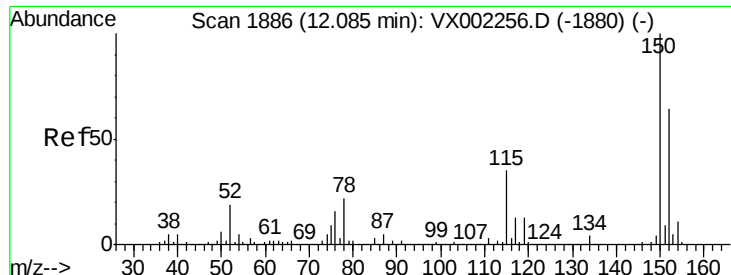
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion	117	Resp	284415
Ion Ratio	Lower	Upper	
117	100		
82	55.3	45.0	67.4
119	31.9	25.8	38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)
Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)
Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

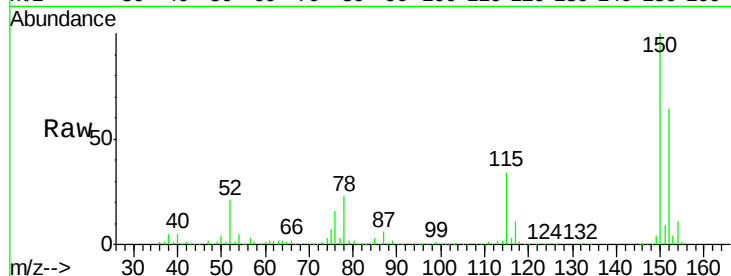




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-180607

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	157.5	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

