

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005524.D
 Acq On : 23 Oct 2018 16:40
 Operator : JC/MD
 Sample : J5639-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 24 02:28:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

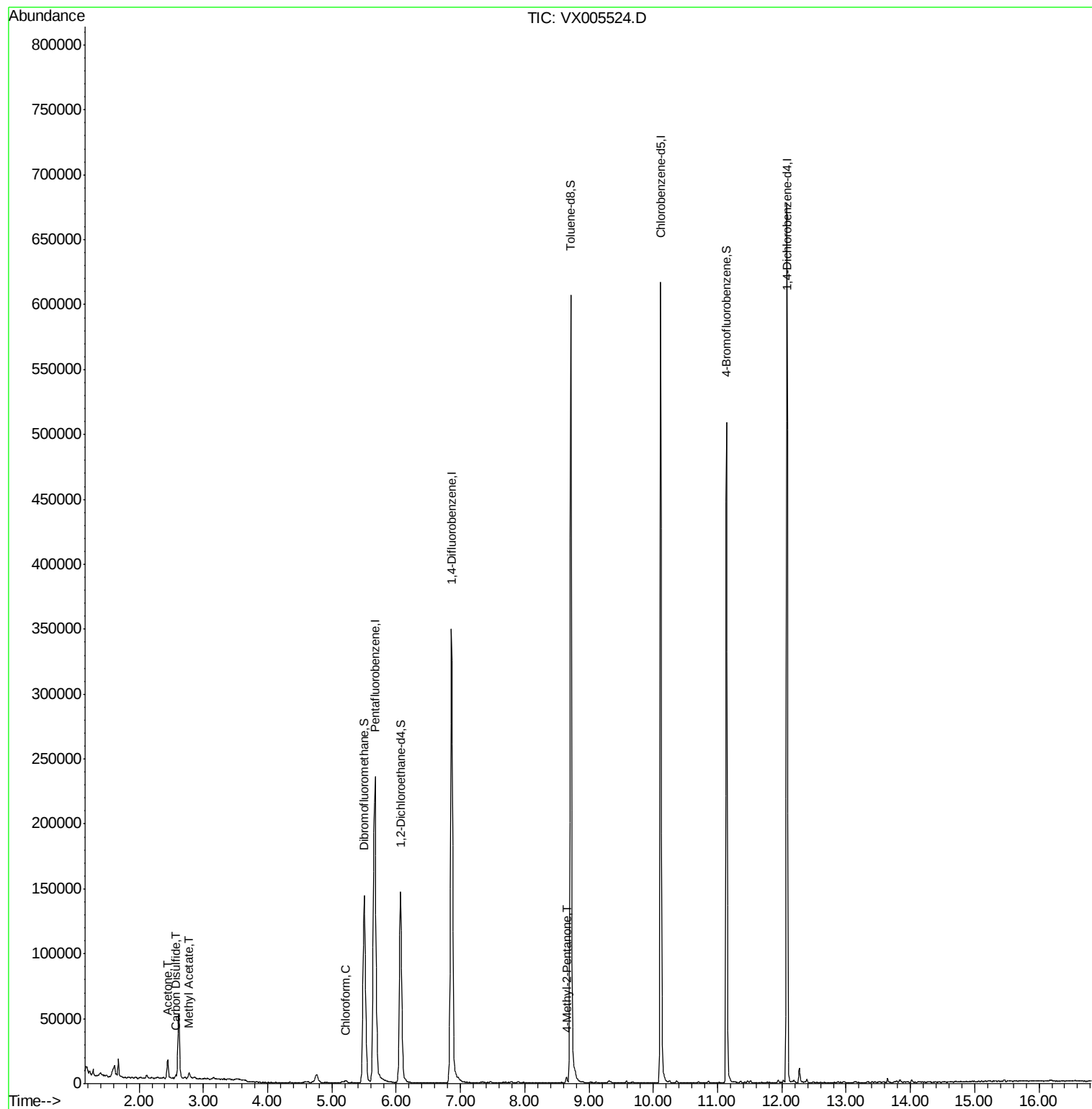
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140461	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	5.50	113	117951	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	8.71	98	383864	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	127782	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	15270	9.930	ug/l #	87
17) Carbon Disulfide	2.57	76	3174	0.499	ug/l	97
18) Methyl Acetate	2.78	43	5499	1.257	ug/l	98
30) Chloroform	5.21	83	1567	0.381	ug/l	87
51) 4-Methyl-2-Pentanone	8.65	43	2675	0.684	ug/l	93

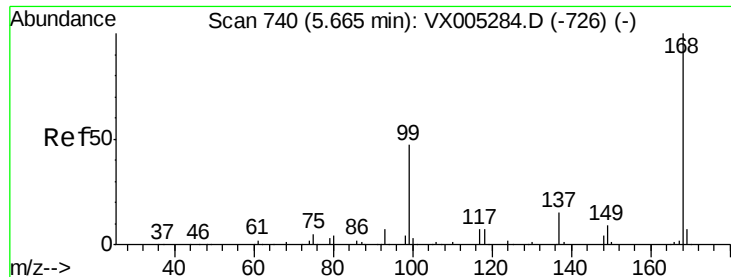
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005524.D

Acq: 23 Oct 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

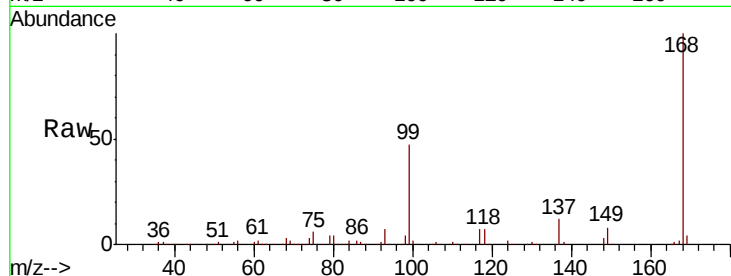
BS-DRUM

Tot Ion:168 Resp: 239641

Ion Ratio Lower Upper

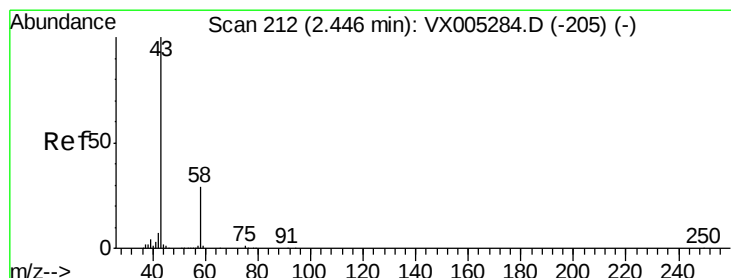
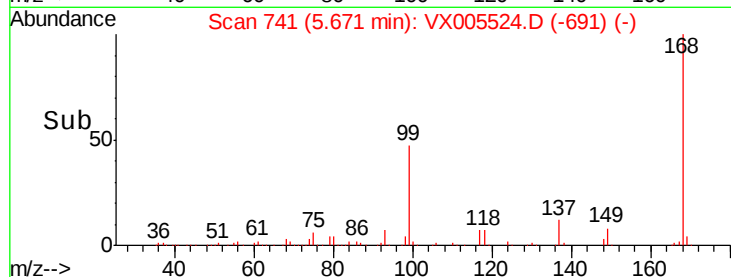
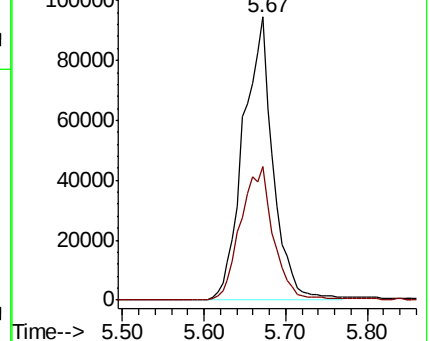
168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.930 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005524.D

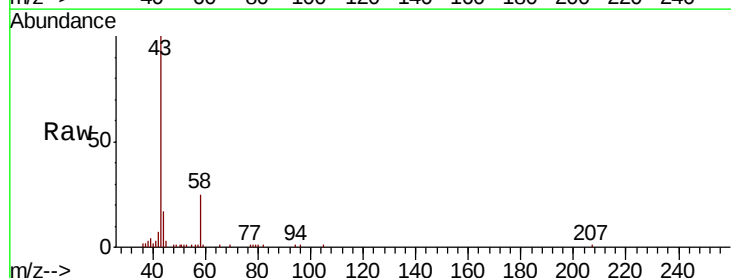
Acq: 23 Oct 2018 16:40

Tgt Ion: 43 Resp: 15270

Ion Ratio Lower Upper

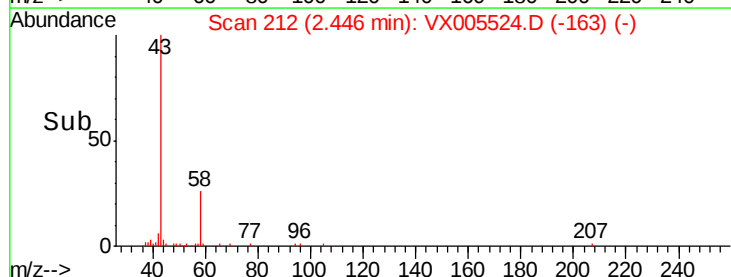
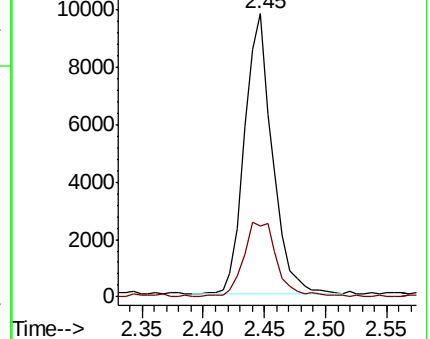
43 100

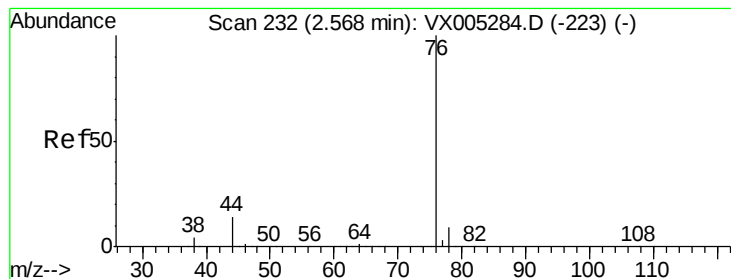
58 25.5 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.499 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005524.D

Acq: 23 Oct 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

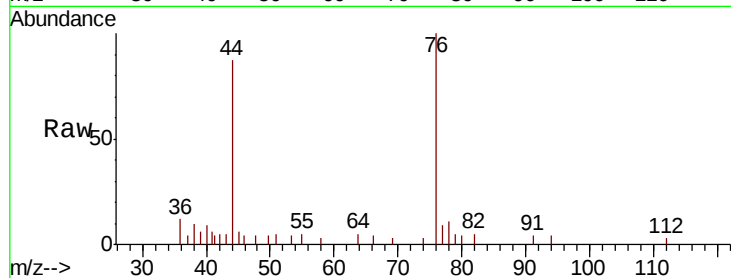
BS-DRUM

Tot Ion: 76 Resp: 3174

Ion Ratio Lower Upper

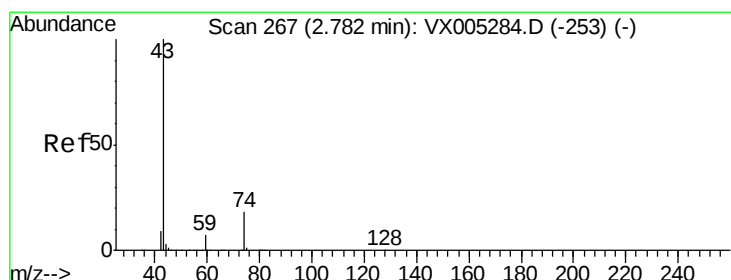
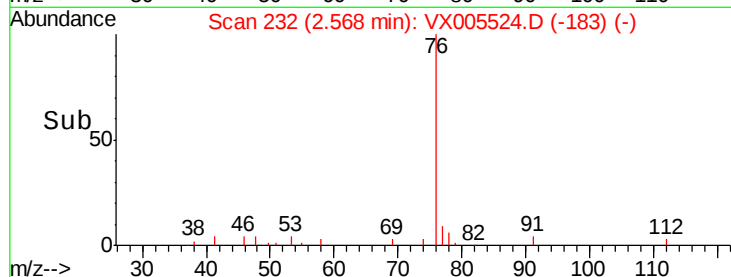
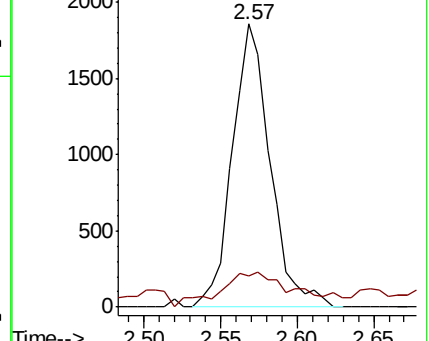
76 100

78 7.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.257 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005524.D

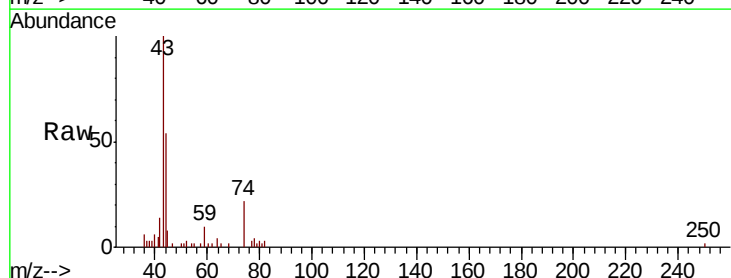
Acq: 23 Oct 2018 16:40

Tgt Ion: 43 Resp: 5499

Ion Ratio Lower Upper

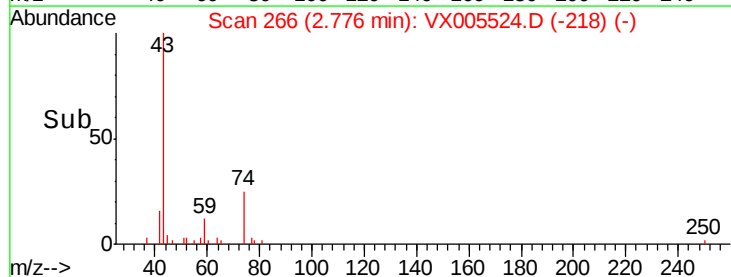
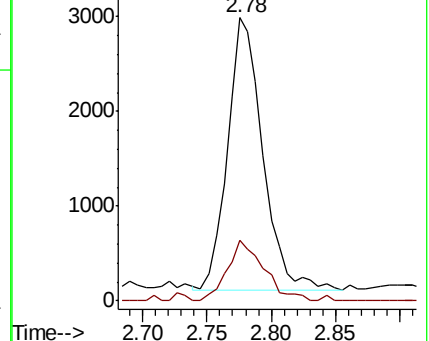
43 100

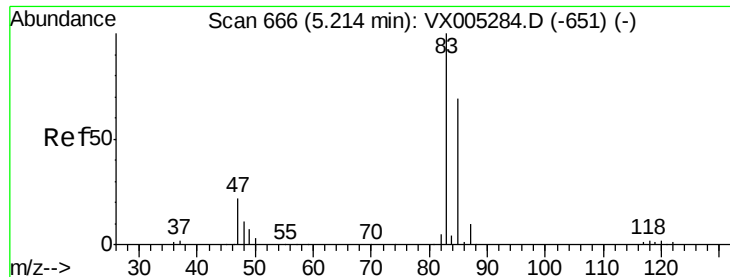
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

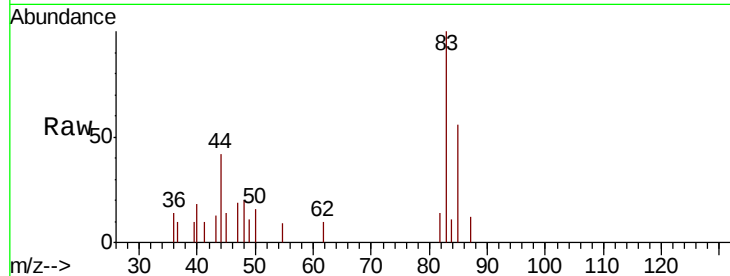




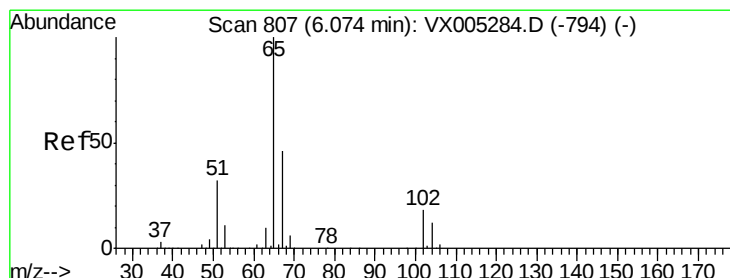
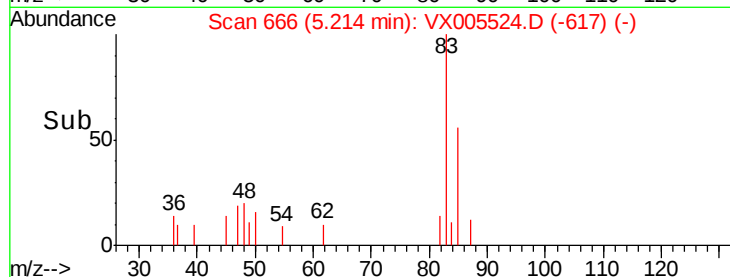
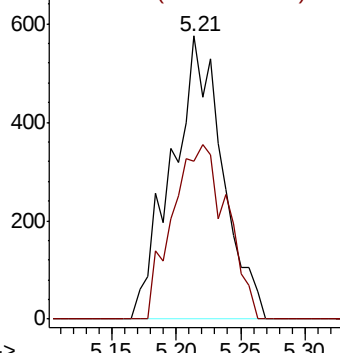
#30
Chloroform
Concen: 0.381 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005524.D
Acq: 23 Oct 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
BS-DRUM

Tot Ion: 83 Resp: 1567
Ion Ratio Lower Upper
83 100
85 55.7 52.6 79.0

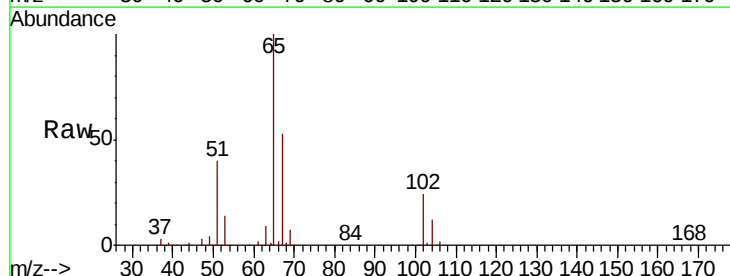


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

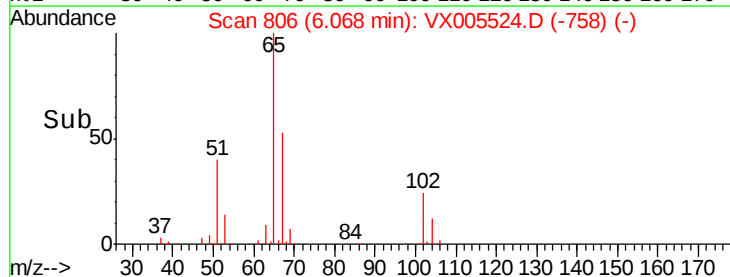
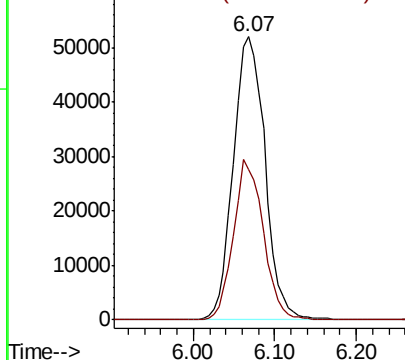


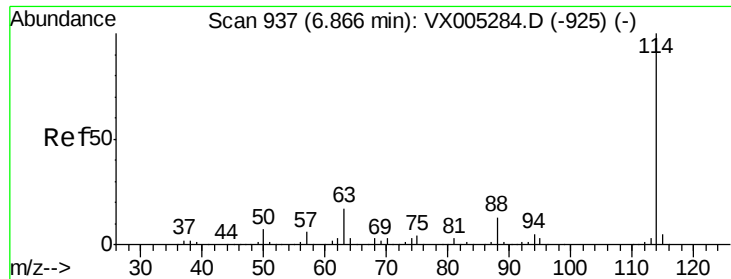
#33
1,2-Dichloroethane-d4
Concen: 52.812 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005524.D
Acq: 23 Oct 2018 16:40

Tgt Ion: 65 Resp: 140461
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

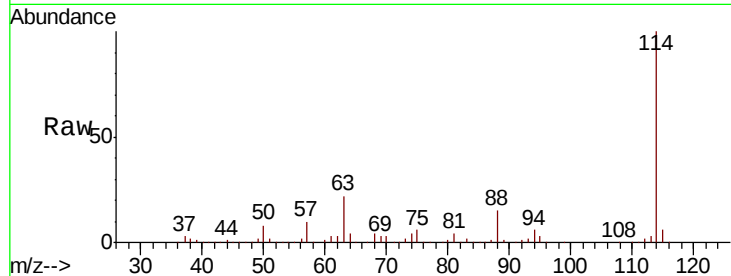




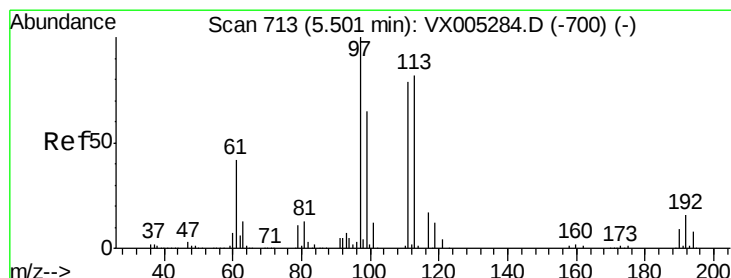
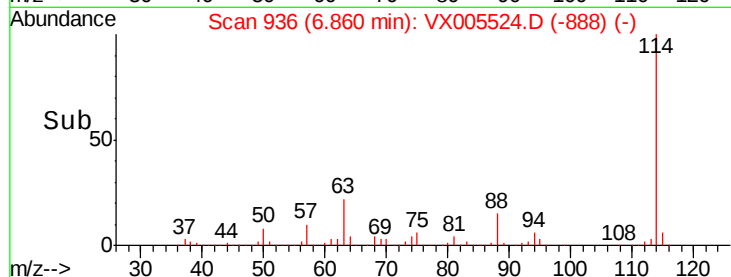
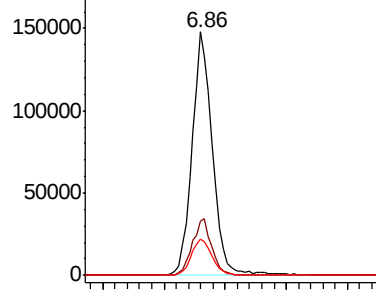
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005524.D
 Acq: 23 Oct 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-DRUM

Tot Ion:114 Resp: 340362
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 39.0
 88 15.0 0.0 30.4

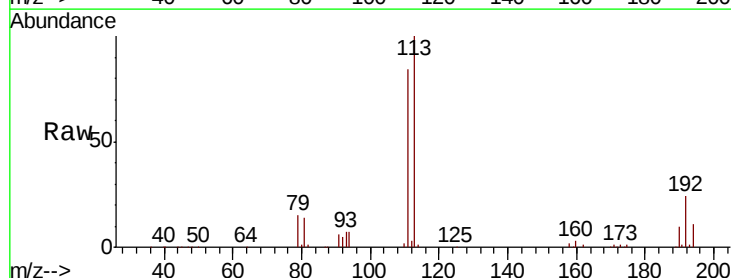


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

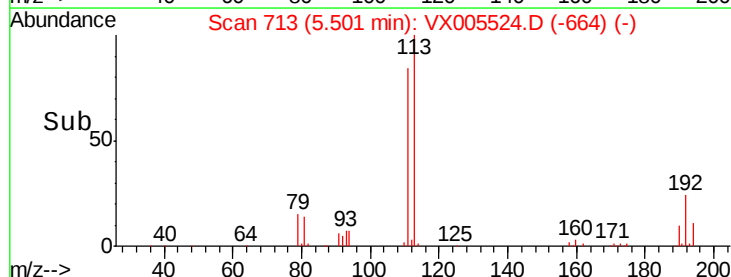
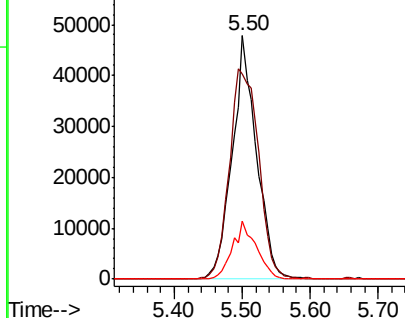


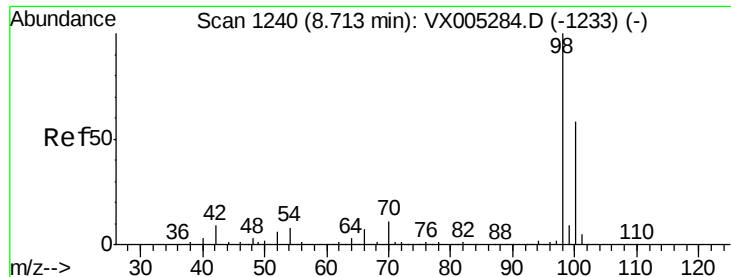
#35
 Dibromofluoromethane
 Concen: 52.323 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005524.D
 Acq: 23 Oct 2018 16:40

Tgt Ion:113 Resp: 117951
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.4 123.6
 192 23.5 19.4 29.2



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: 49.600 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005524.D

Acq: 23 Oct 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

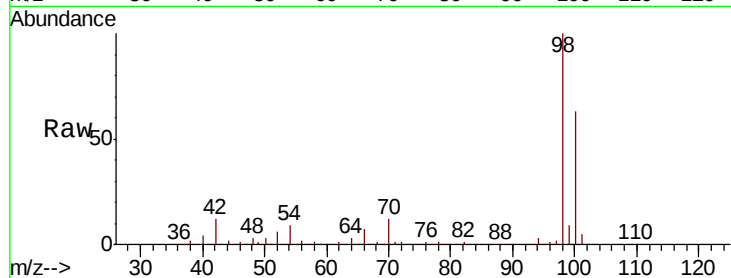
BS-DRUM

Tot Ion: 98 Resp: 383864

Ion Ratio Lower Upper

98 100

100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

250000

200000

150000

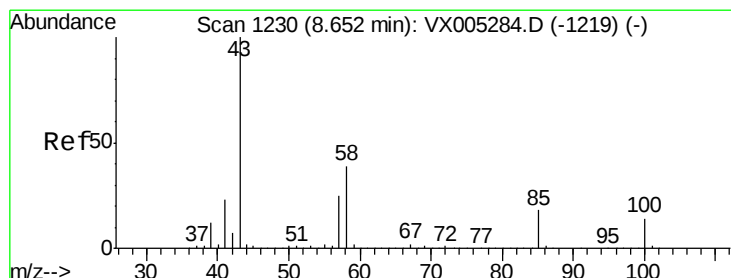
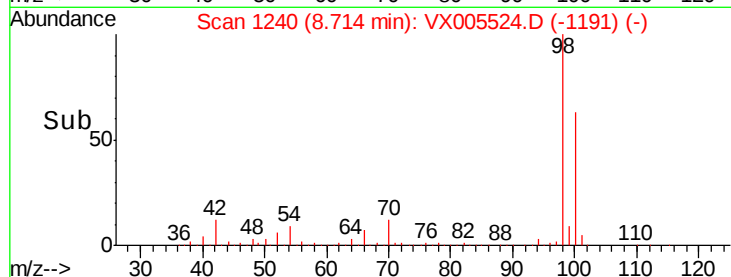
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.684 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005524.D

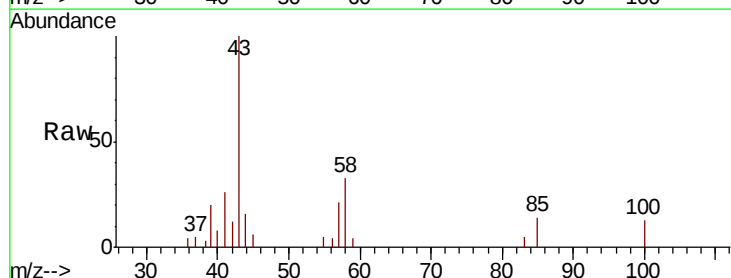
Acq: 23 Oct 2018 16:40

Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

58 36.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

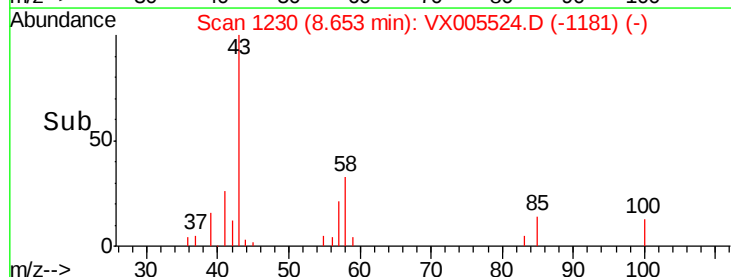
1000

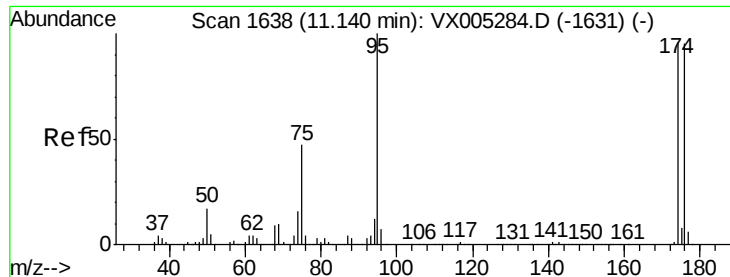
500

0

8.60 8.65 8.70

Time-->

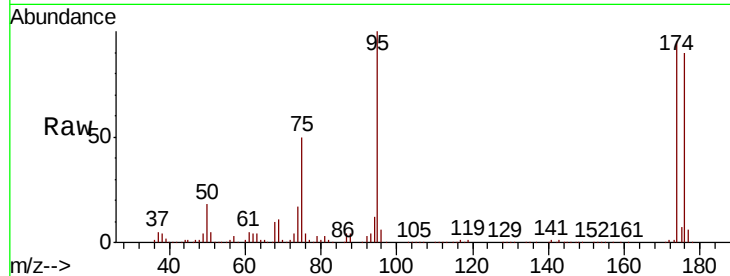




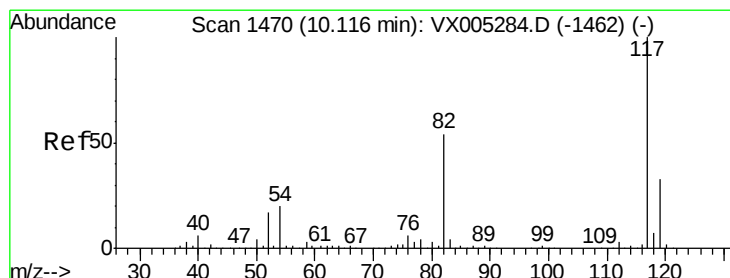
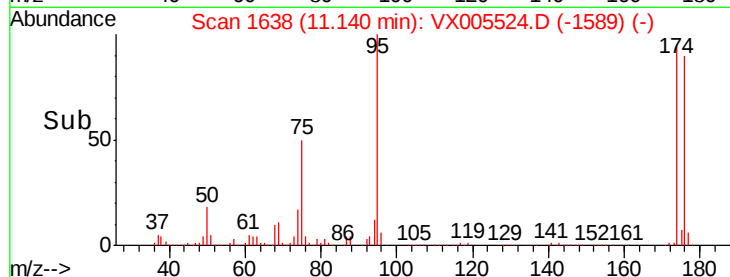
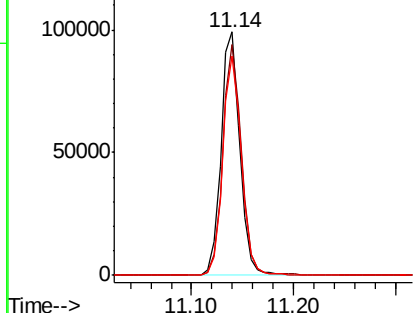
#62
4-Bromofluorobenzene
Concen: 43.952 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005524.D
Acq: 23 Oct 2018 16:40

Instrument :
MSVOA_X
ClientSampled :
BS-DRUM

Tot Ion: 95 Resp: 127782
Ion Ratio Lower Upper
95 100
174 93.1 0.0 185.2
176 89.3 0.0 178.6

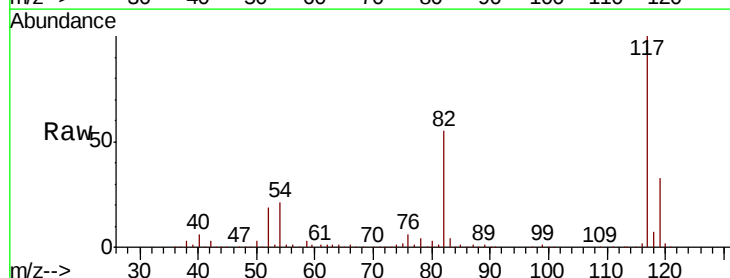


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

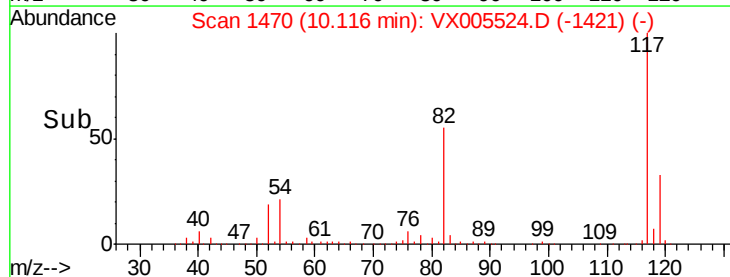
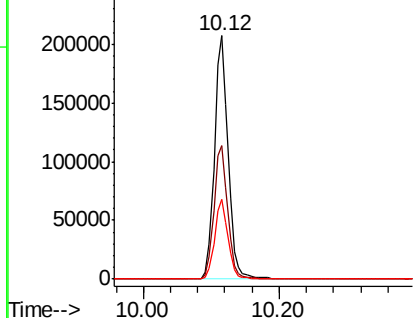


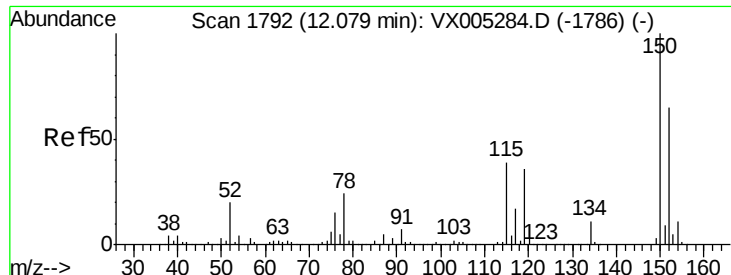
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005524.D
Acq: 23 Oct 2018 16:40

Tgt Ion: 117 Resp: 289034
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 32.8 29.3 43.9



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: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005524.D
 Acq: 23 Oct 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	117.0
150	156.8	0.0	351.0

