

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002968.D
 Acq On : 28 Jun 2018 06:11
 Operator : JC/MD
 Sample : J3718-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-30

Quant Time: Jun 28 07:47:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204641	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	183928	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	149380	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.72	98	534912	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	195170	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	

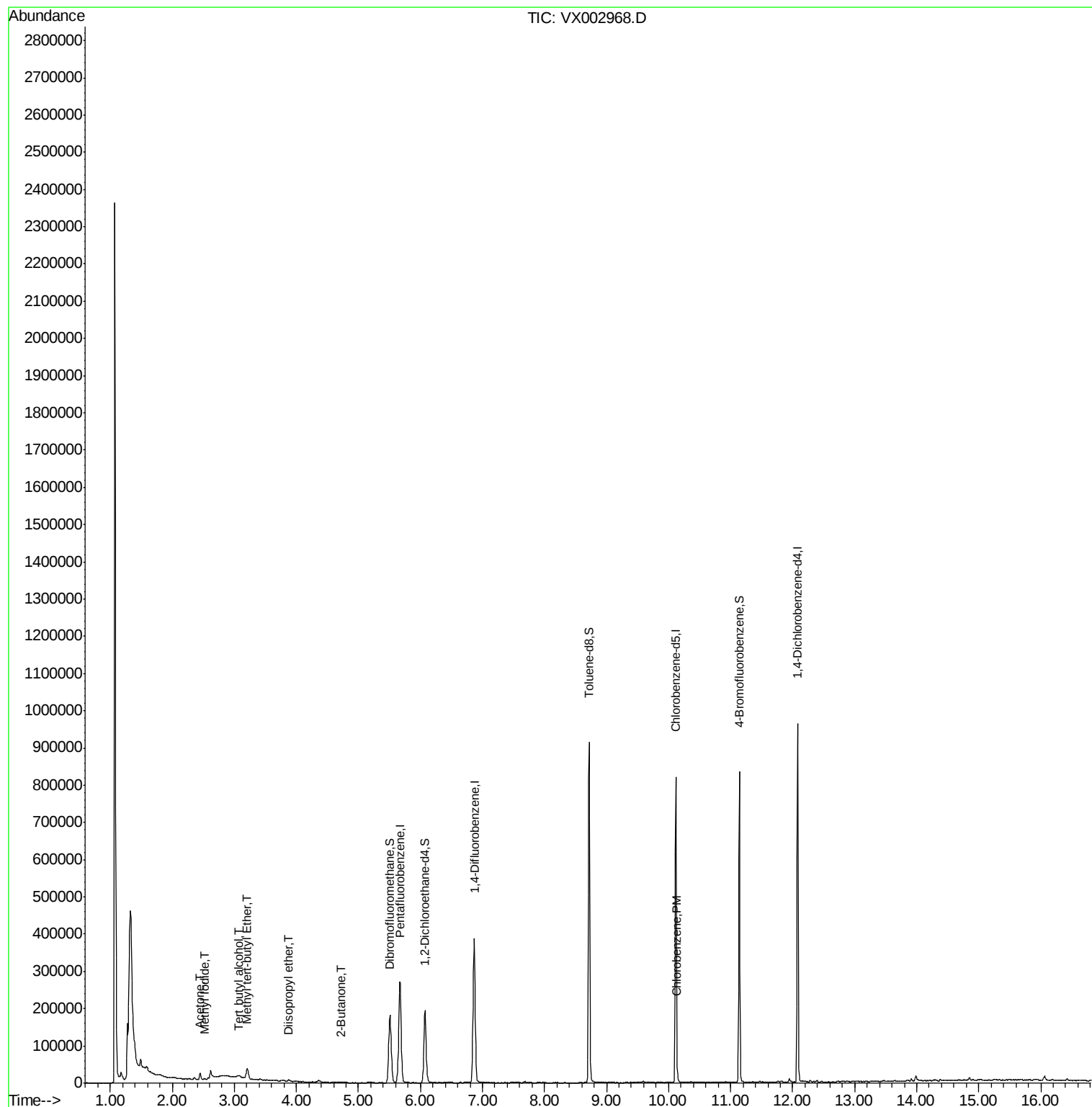
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2608	6.97	ug/l	# 95
11) Tert butyl alcohol	3.07	59	4692	6.26	ug/l	96
16) Acetone	2.45	43	19146	12.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	31229	3.24	ug/l	96
22) Diisopropyl ether	3.87	45	6036	0.60	ug/l	93
25) 2-Butanone	4.71	43	3707	1.60	ug/l	91
65) Chlorobenzene	10.14	112	7410	0.82	ug/l	94

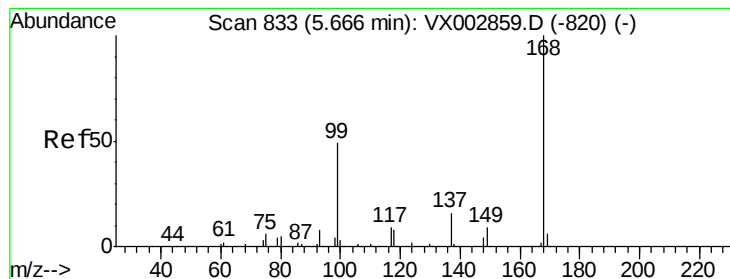
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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W-30

Quant Time: Jun 28 07:47:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002968.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampled :

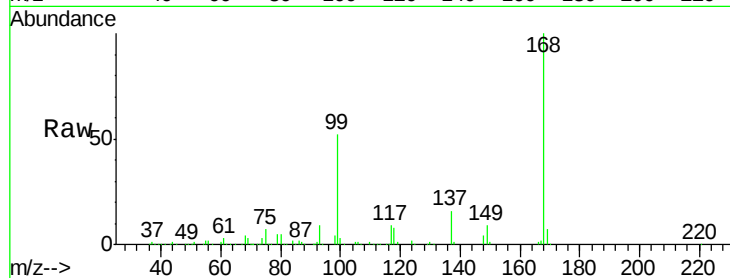
W-30

Tot Ion:168 Resp: 272064

Ion Ratio Lower Upper

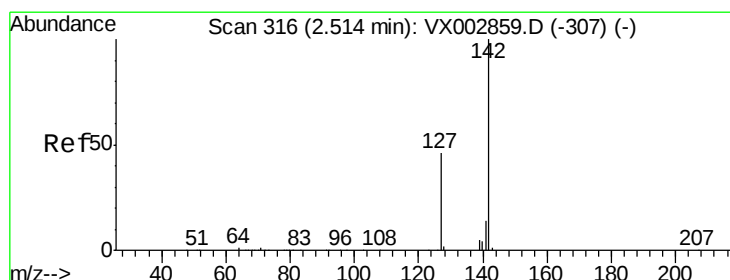
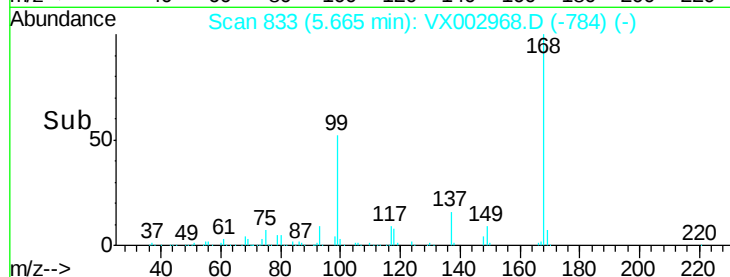
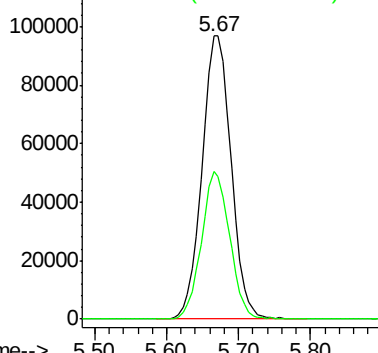
168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.97 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002968.D

Acq: 28 Jun 2018 06:11

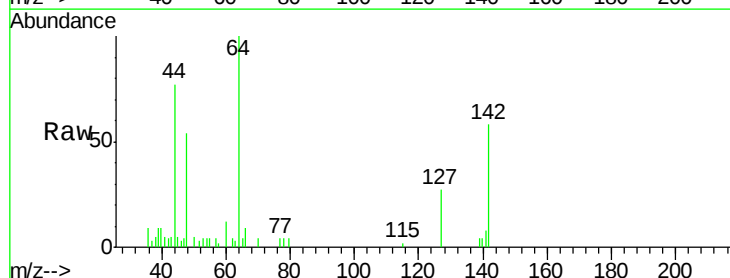
Tgt Ion:142 Resp: 2608

Ion Ratio Lower Upper

142 100

127 48.1 36.6 55.0

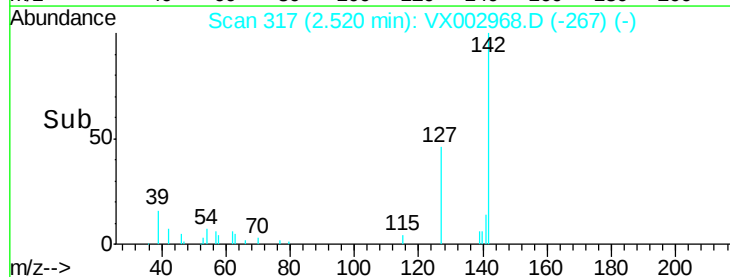
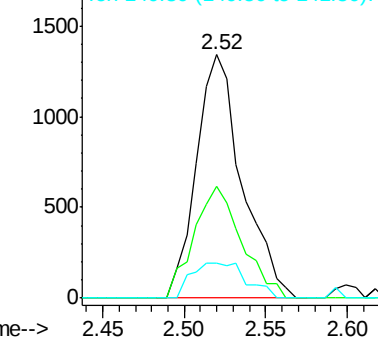
141 17.4 11.3 16.9#

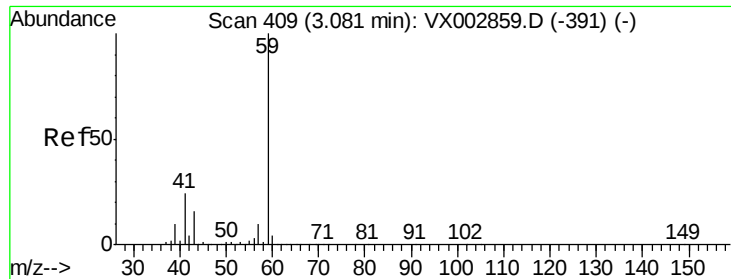


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



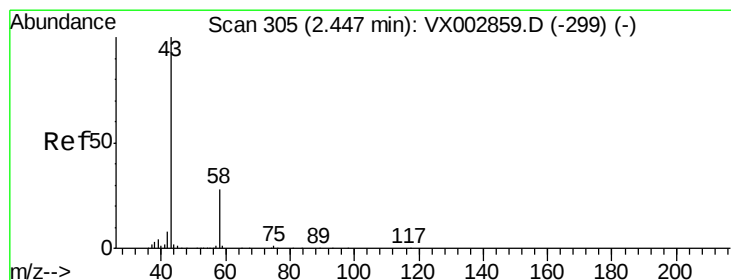
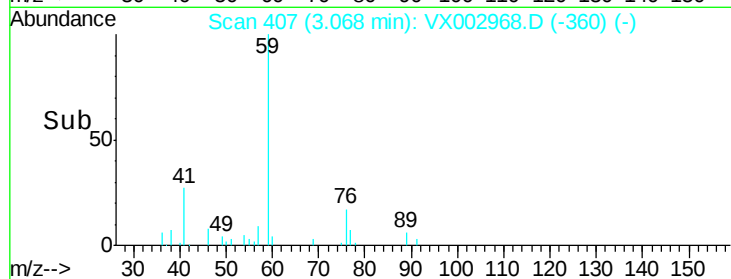
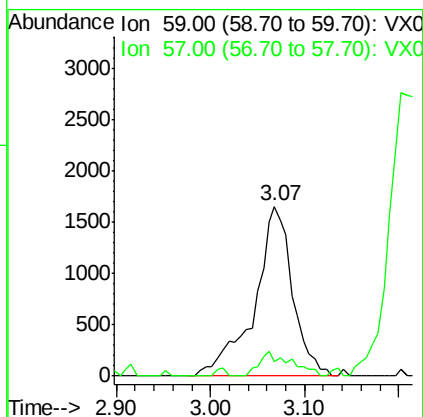
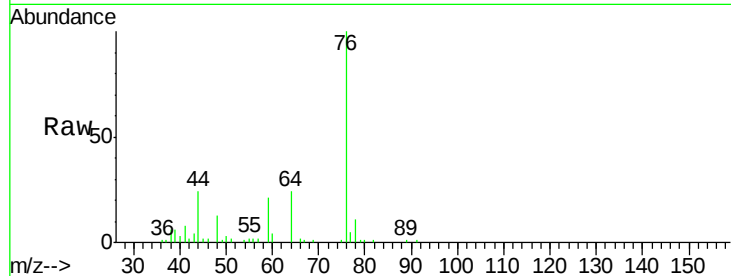


#11

Tert butyl alcohol
 Concen: 6.26 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002968.D
 Acq: 28 Jun 2018 06:11

Instrument :
 MSVOA_X
 ClientSampled :
 W-30

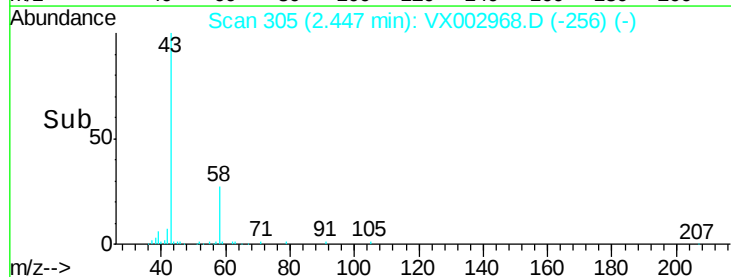
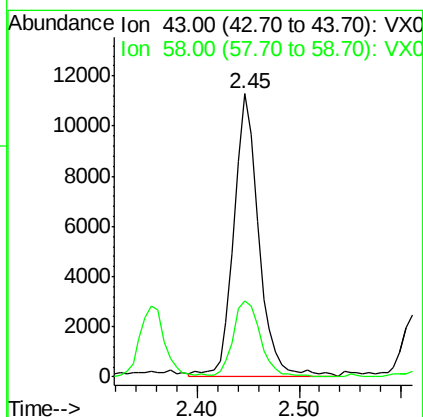
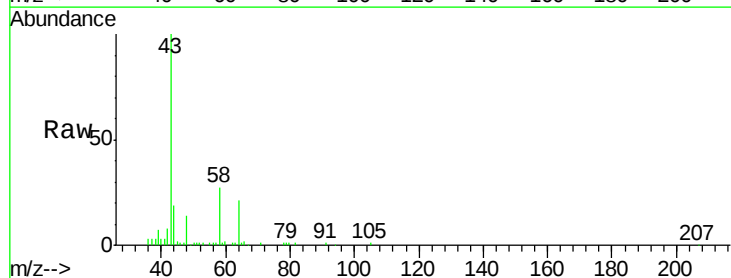
Tot Ion: 59 Resp: 4692
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.2 12.2

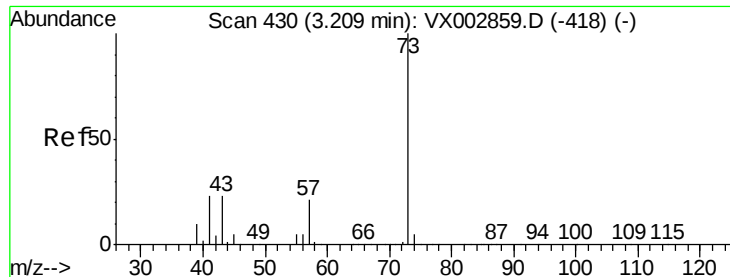


#16

Acetone
 Concen: 12.29 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX002968.D
 Acq: 28 Jun 2018 06:11

Tgt Ion: 43 Resp: 19146
 Ion Ratio Lower Upper
 43 100
 58 27.1 22.1 33.1

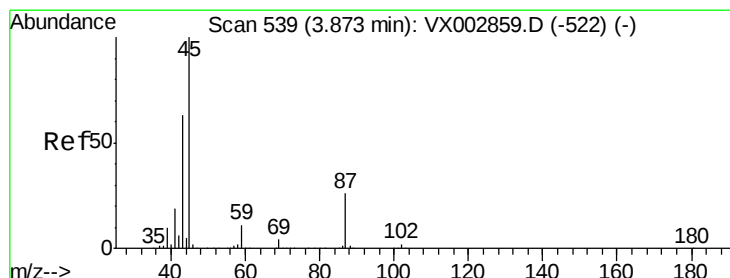
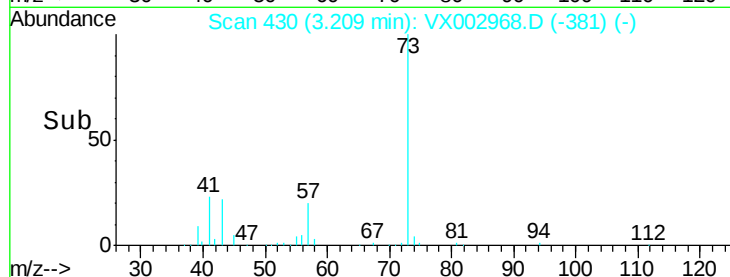
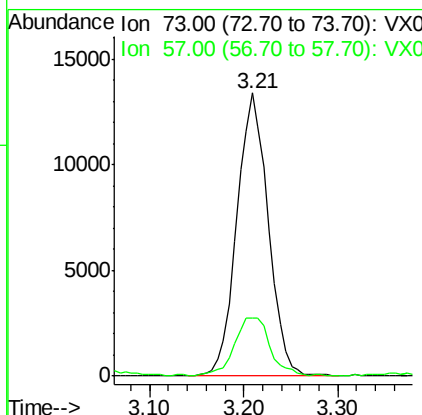
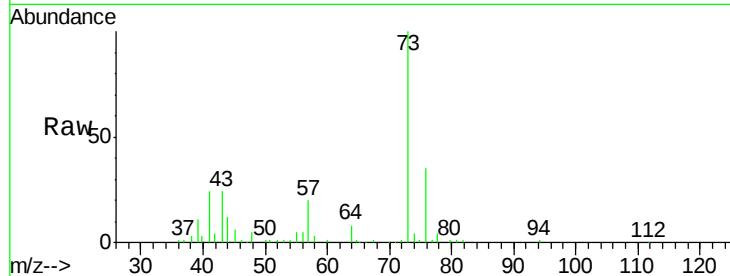




#19
Methyl tert-butyl Ether
Concen: 3.24 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

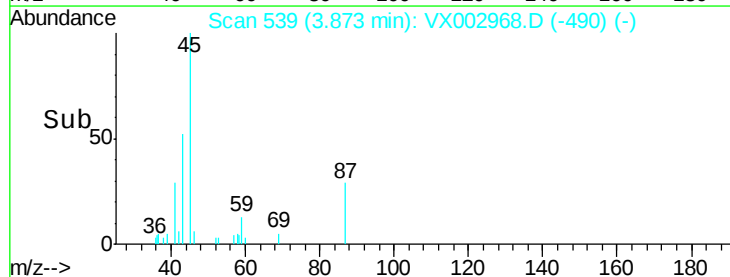
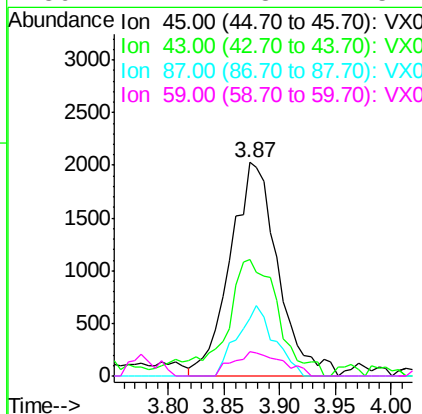
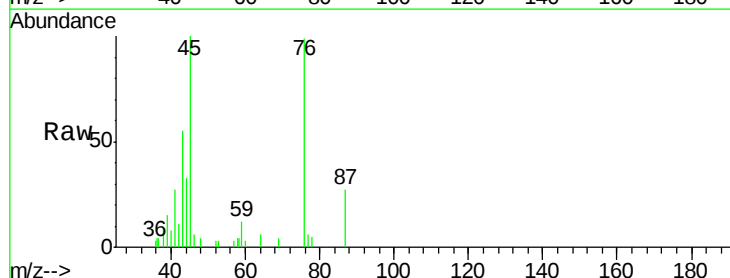
Instrument :
MSVOA_X
ClientSampled :
W-30

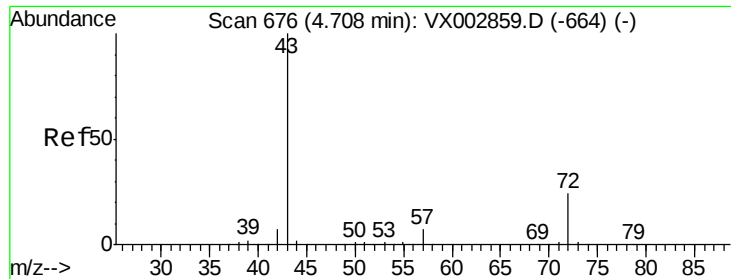
Tot Ion: 73 Resp: 31229
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#22
Diisopropyl ether
Concen: 0.60 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

Tgt Ion: 45 Resp: 6036
Ion Ratio Lower Upper
45 100
43 50.9 46.8 70.2
87 27.0 20.2 30.4
59 11.7 8.7 13.1





#25

2-Butanone

Concen: 1.60 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002968.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampled :

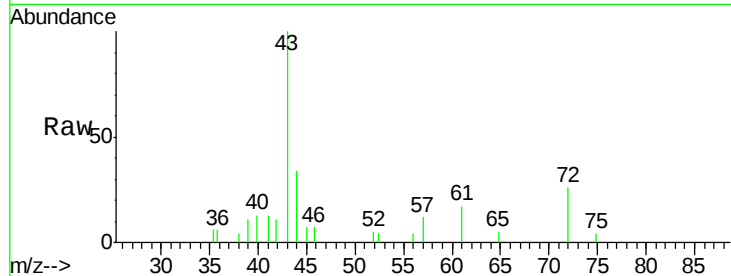
W-30

Tot Ion: 43 Resp: 3707

Ion Ratio Lower Upper

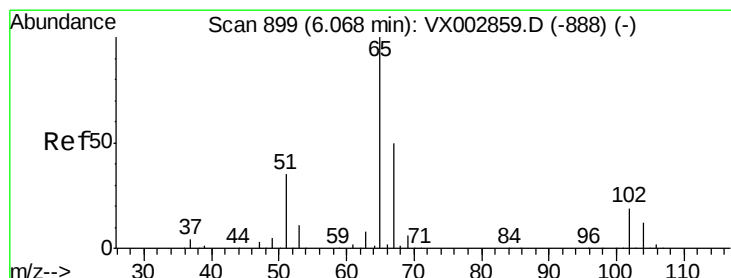
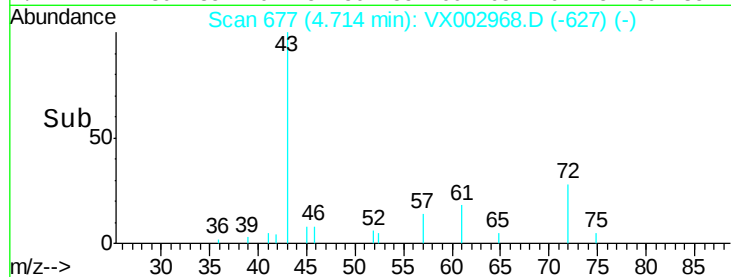
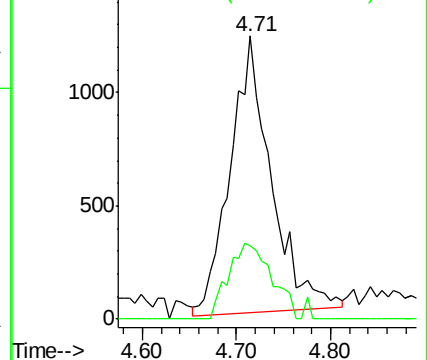
43 100

72 27.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002968.D

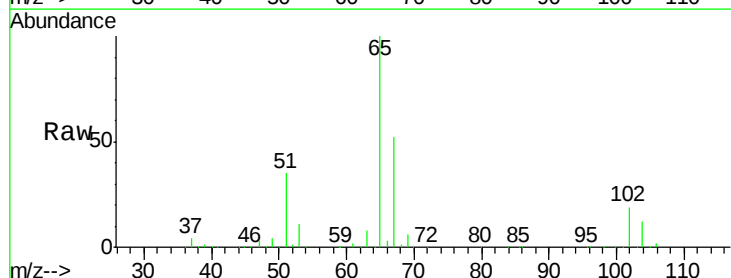
Acq: 28 Jun 2018 06:11

Tgt Ion: 65 Resp: 183928

Ion Ratio Lower Upper

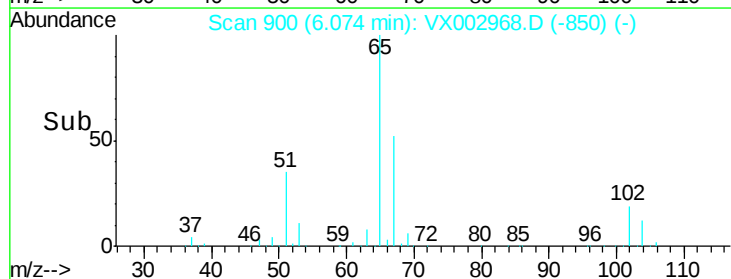
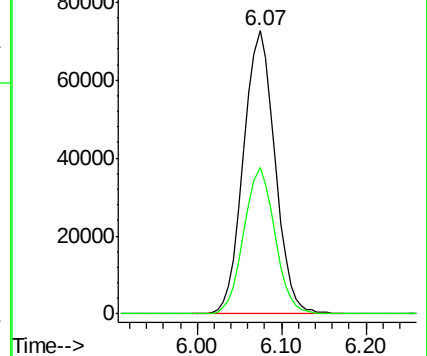
65 100

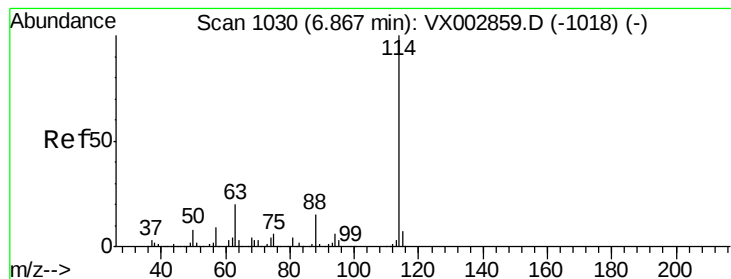
67 51.1 0.0 102.6



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: VX002968.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

W-30

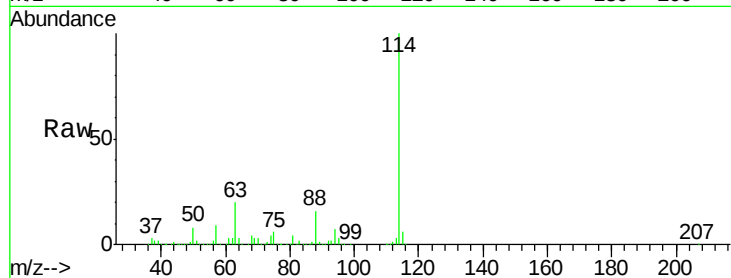
Tot Ion:114 Resp: 382627

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

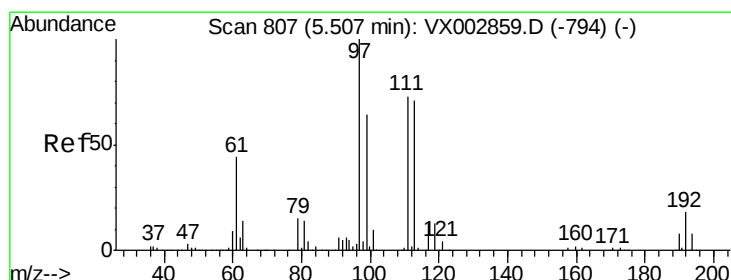
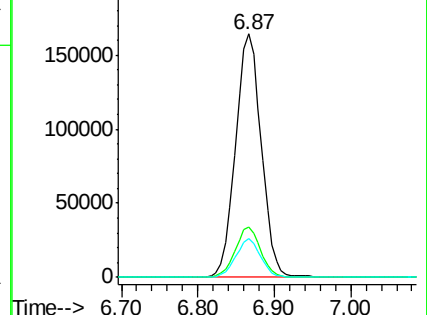
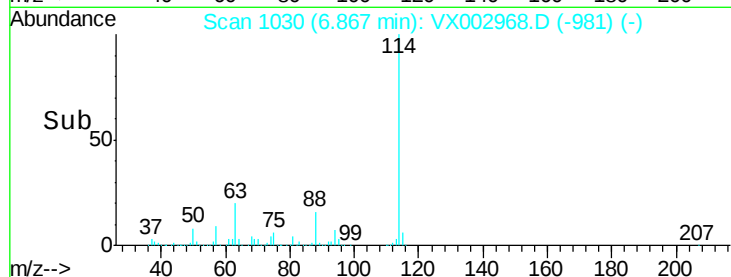
88 15.8 0.0 30.0



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: 49.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002968.D

Acq: 28 Jun 2018 06:11

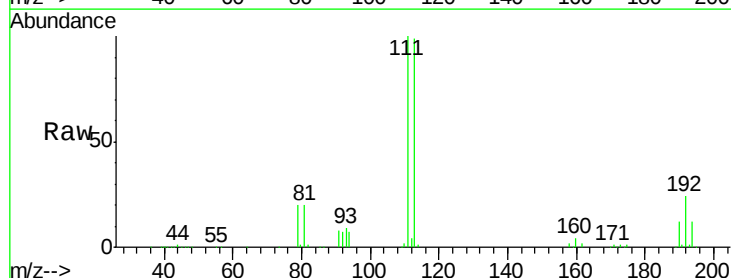
Tgt Ion:113 Resp: 149380

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

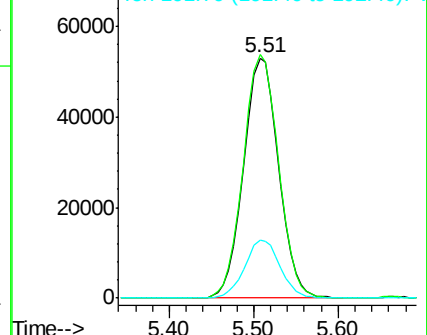
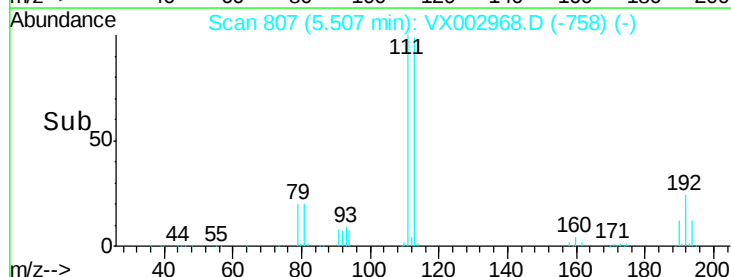
192 24.3 19.1 28.7

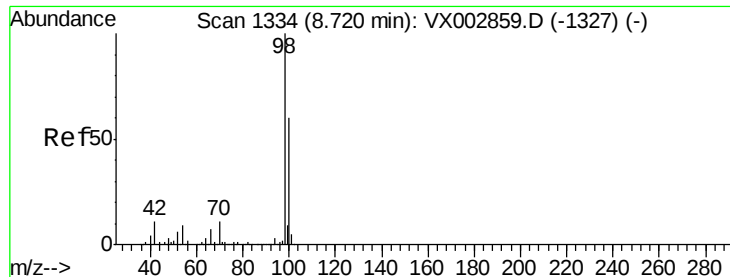


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

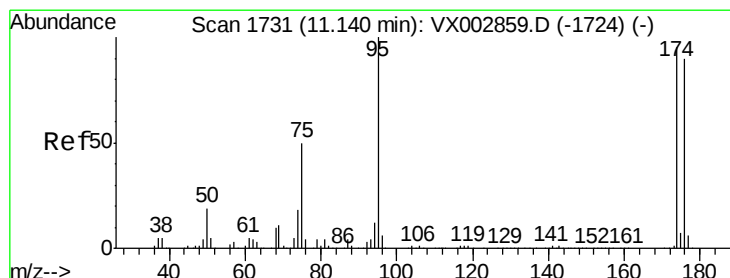
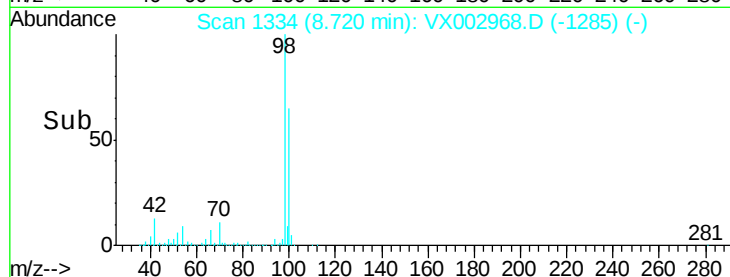
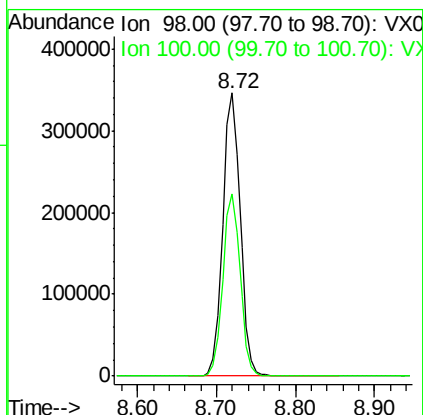
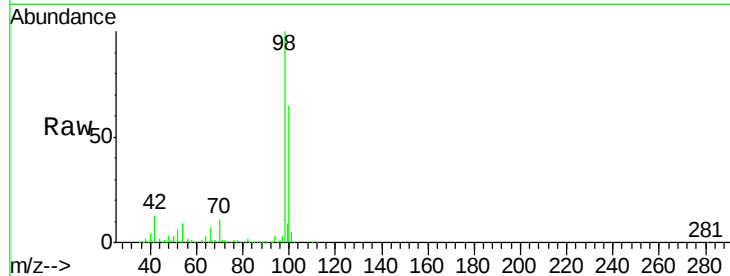




#50
Toluene-d8
Concen: 48.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

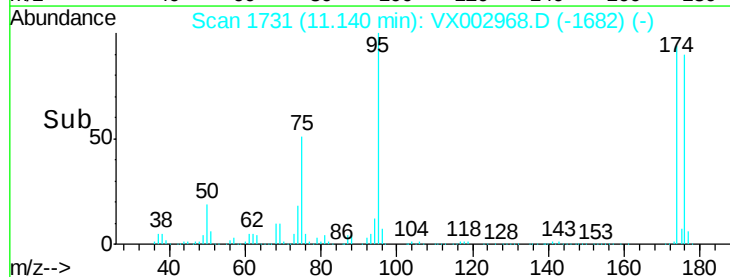
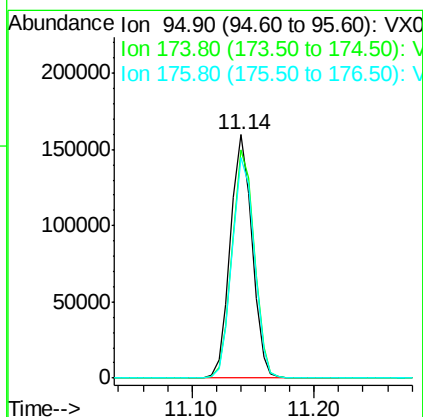
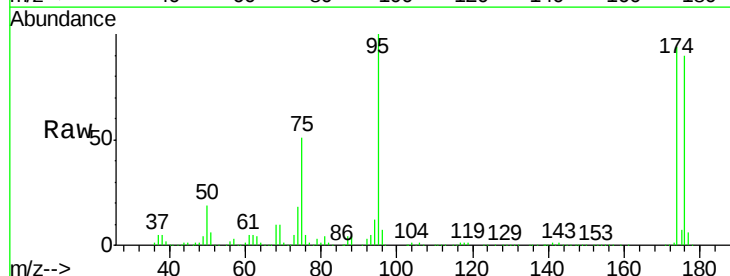
Instrument :
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W-30

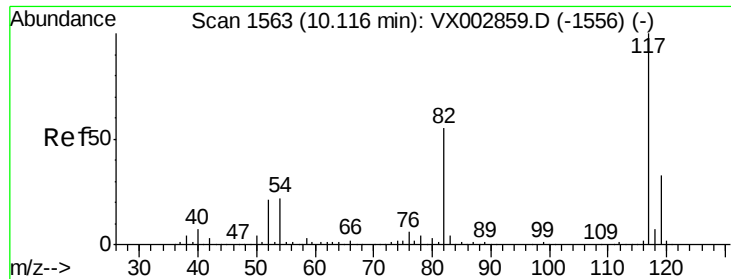
Tot Ion: 98 Resp: 534912
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

Tgt Ion: 95 Resp: 195170
Ion Ratio Lower Upper
95 100
174 95.6 0.0 187.4
176 92.5 0.0 181.0

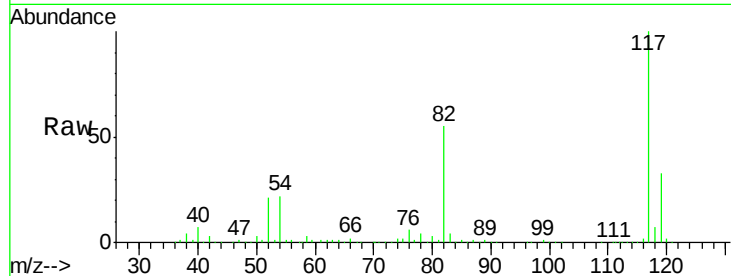




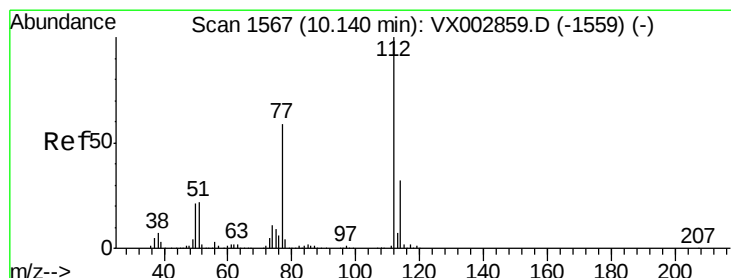
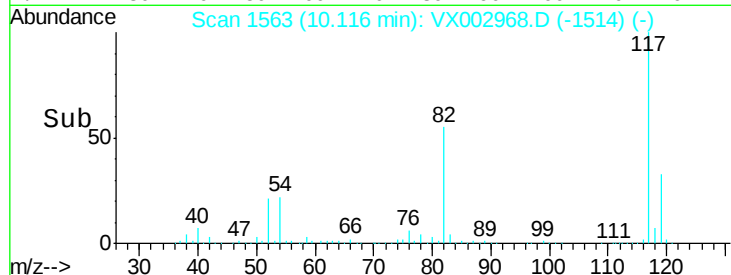
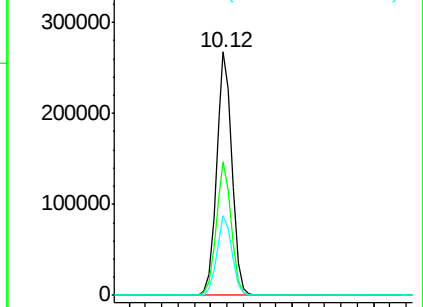
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :
W-30

Tot Ion:117 Resp: 356075
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.8 25.8 38.6

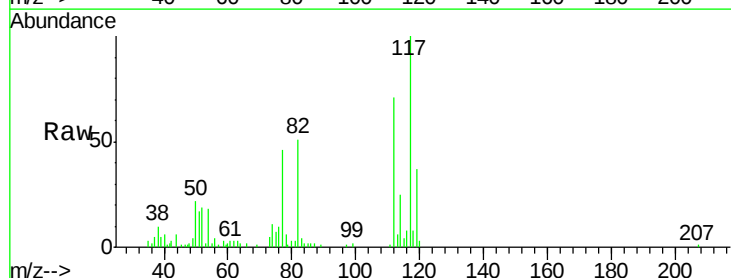


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

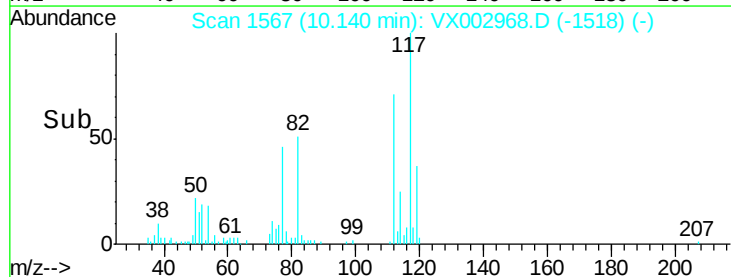
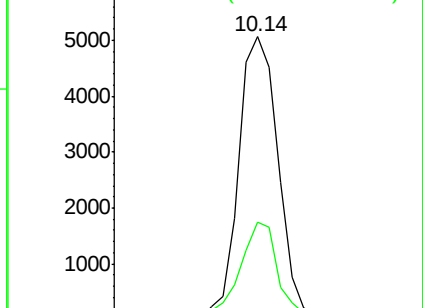


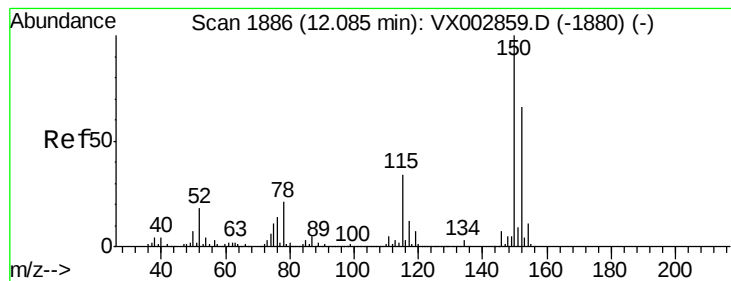
#65
Chlorobenzene
Concen: 0.82 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002968.D
Acq: 28 Jun 2018 06:11

Tgt Ion:112 Resp: 7410
Ion Ratio Lower Upper
112 100
114 34.7 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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002968.D

Acq: 28 Jun 2018 06:11

Instrument :

MSVOA_X

ClientSampleId :

W-30

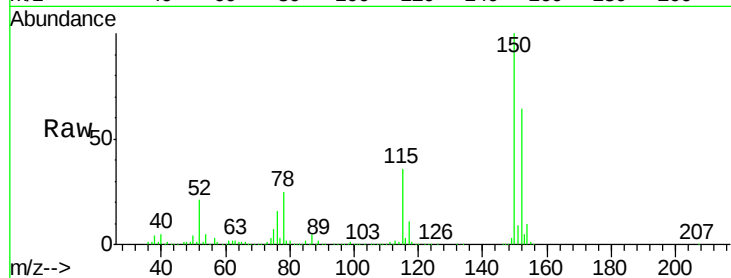
Tot Ion:152 Resp: 204641

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

150 156.8 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

