

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003592.D
 Acq On : 27 Jun 2018 02:15
 Operator : SY/AP
 Sample : J3614-01
 Misc : 8.47G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ZER-SB-02-1-2

Quant Time: Jun 27 08:15:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	130775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	82808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18765	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	58517	62.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.10%	
35) Dibromofluoromethane	7.88	113	48781	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
50) Toluene-d8	10.33	98	142011	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.62	95	24872	21.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.62%	

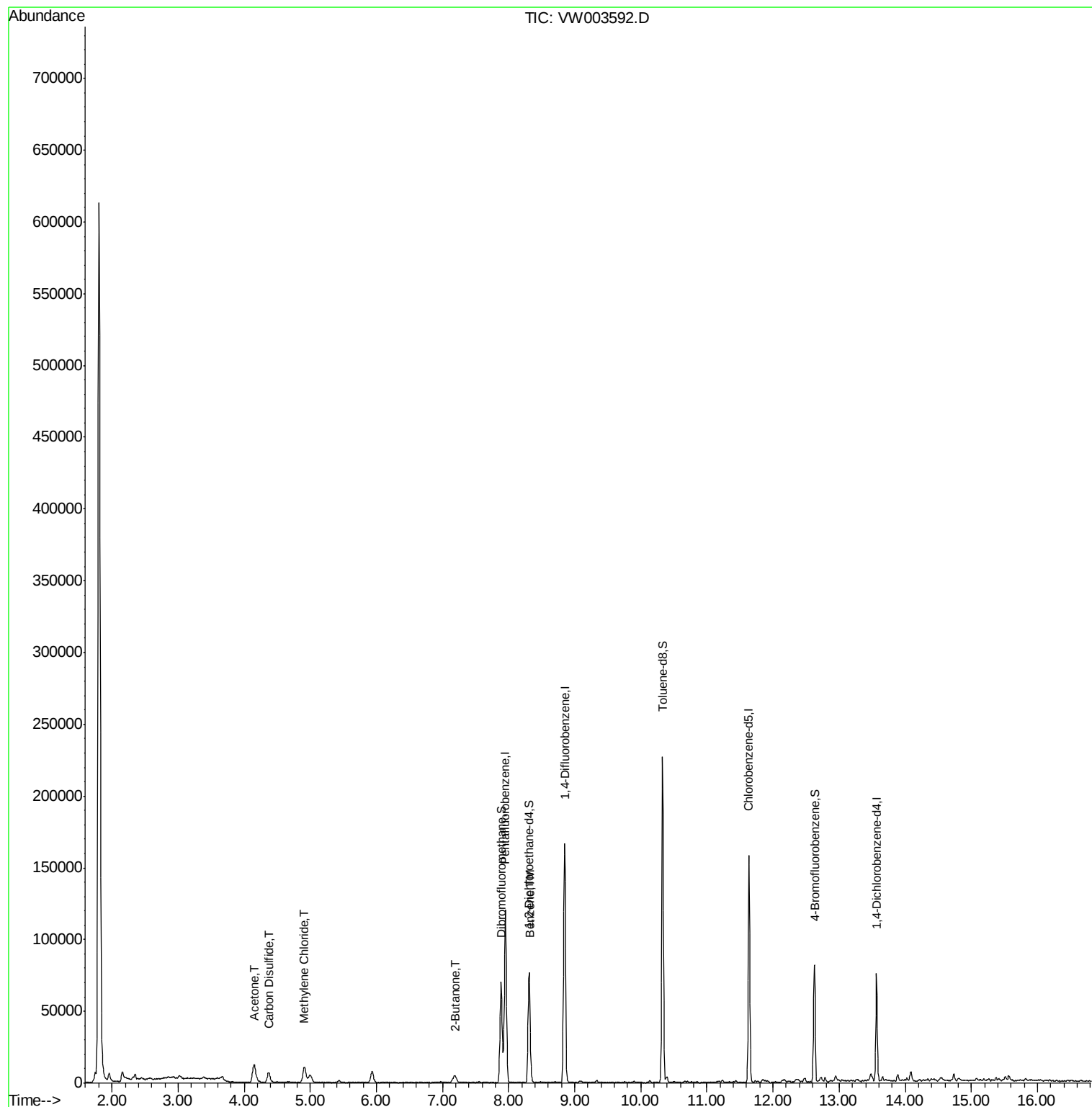
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	27978	142.59	ug/l	98
17) Carbon Disulfide	4.37	76	15064	6.52	ug/l	100
20) Methylene Chloride	4.90	84	8159	6.60	ug/l	95
25) 2-Butanone	7.20	43	6504	26.66	ug/l	90
40) Benzene	8.32	78	7759	2.23	ug/l	100

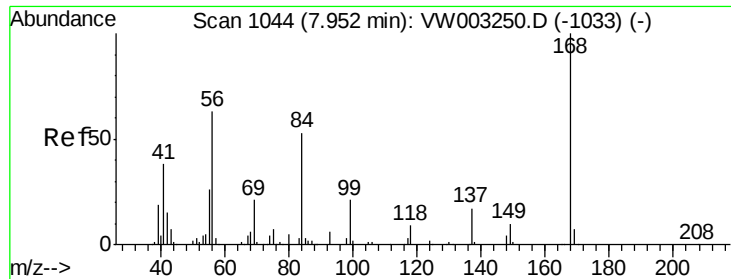
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003592.D

Acq: 27 Jun 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

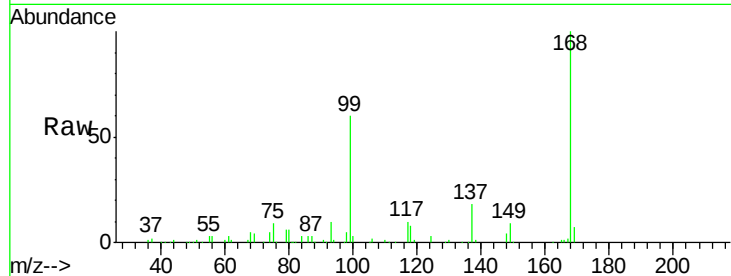
ZER-SB-02-1-2

Tot Ion:168 Resp: 86373

Ion Ratio Lower Upper

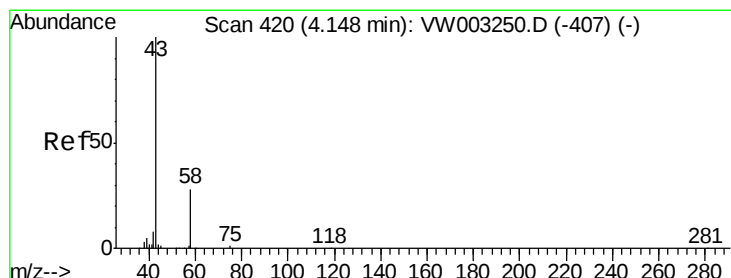
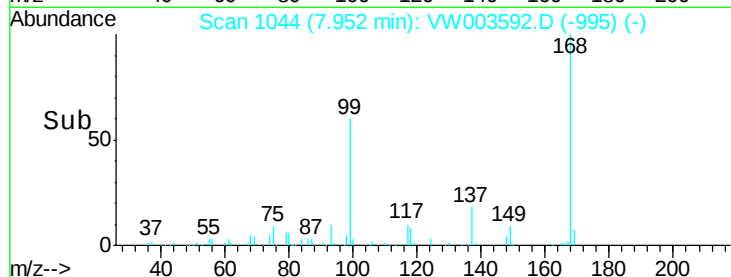
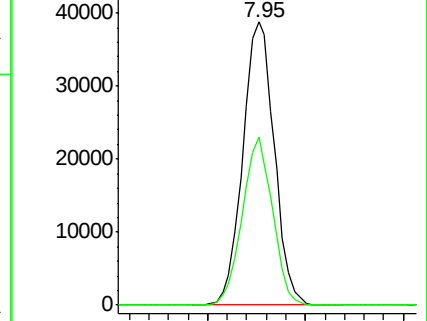
168 100

99 59.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 142.59 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003592.D

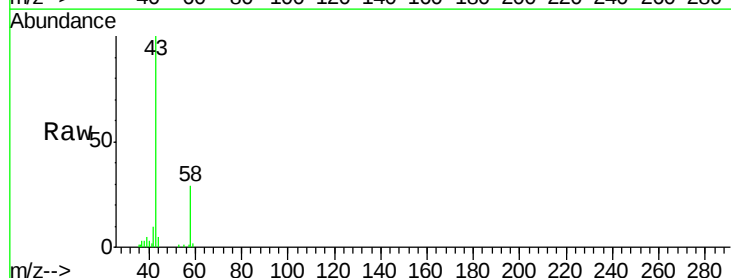
Acq: 27 Jun 2018 02:15

Tgt Ion: 43 Resp: 27978

Ion Ratio Lower Upper

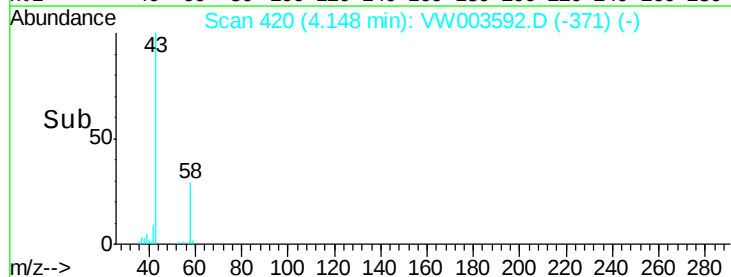
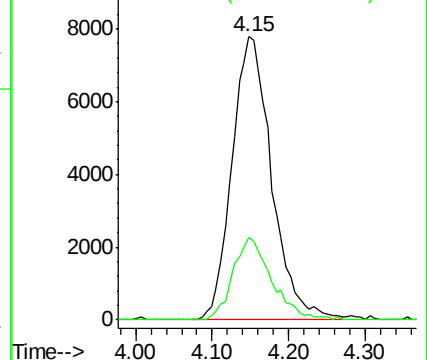
43 100

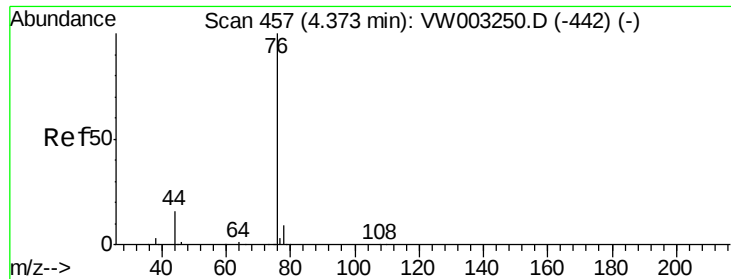
58 29.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

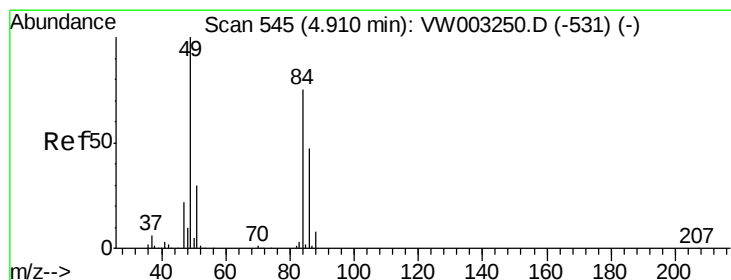
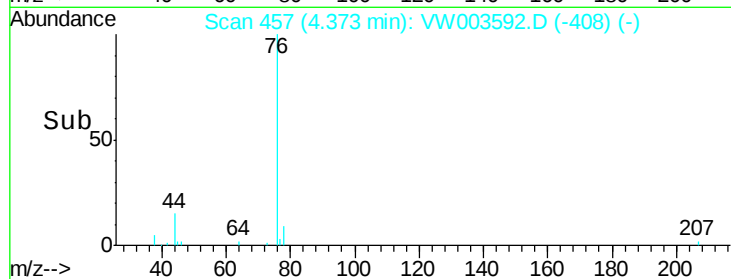
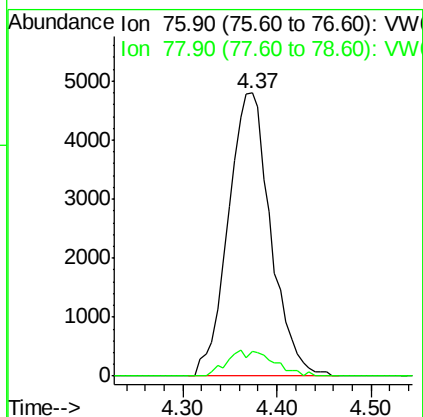
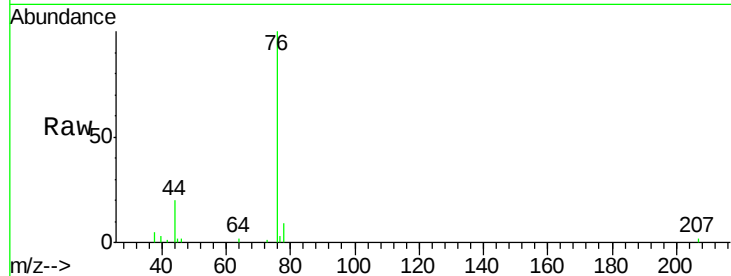




#17
Carbon Disulfide
Concen: 6.52 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003592.D
Acq: 27 Jun 2018 02:15

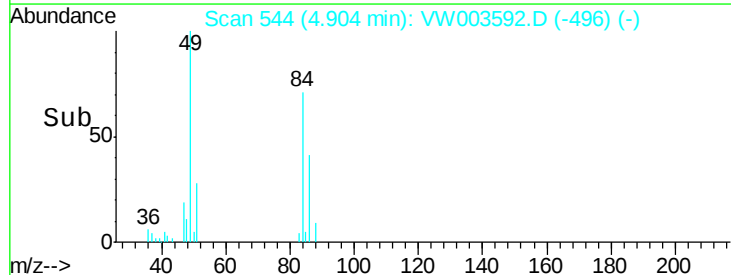
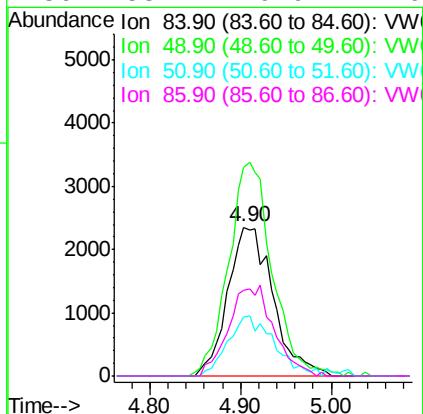
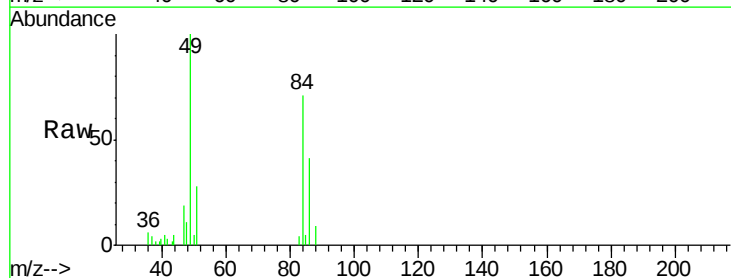
Instrument :
MSVOA_W
ClientSampleId :
ZER-SB-02-1-2

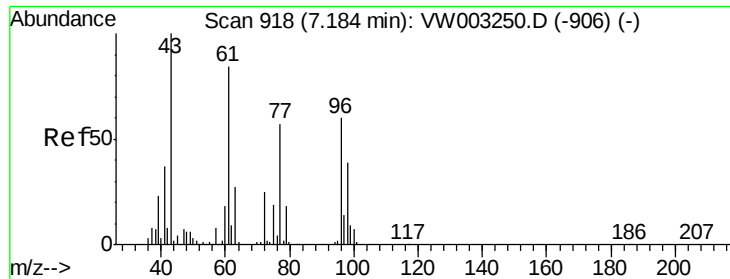
Tot Ion: 76 Resp: 15064
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#20
Methylene Chloride
Concen: 6.60 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003592.D
Acq: 27 Jun 2018 02:15

Tgt Ion: 84 Resp: 8159
Ion Ratio Lower Upper
84 100
49 140.4 106.3 159.5
51 39.7 32.0 48.0
86 58.1 49.9 74.9





#25

2-Butanone

Concen: 26.66 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003592.D

Acq: 27 Jun 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

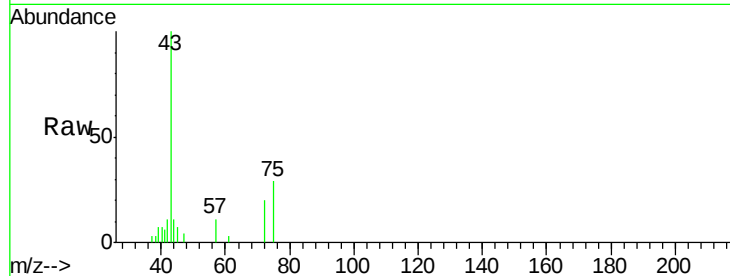
ZER-SB-02-1-2

Tot Ion: 43 Resp: 6504

Ion Ratio Lower Upper

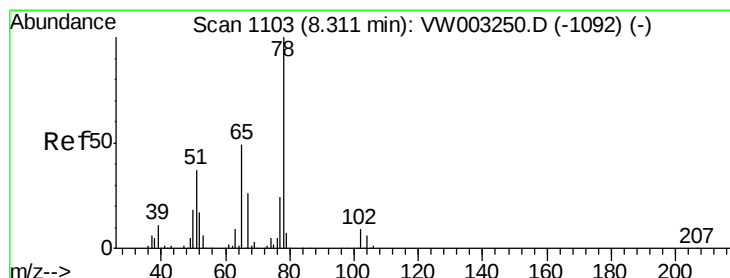
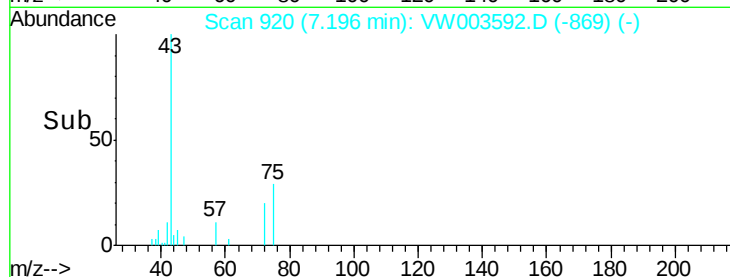
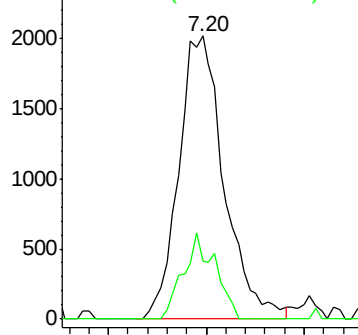
43 100

72 20.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 62.55 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003592.D

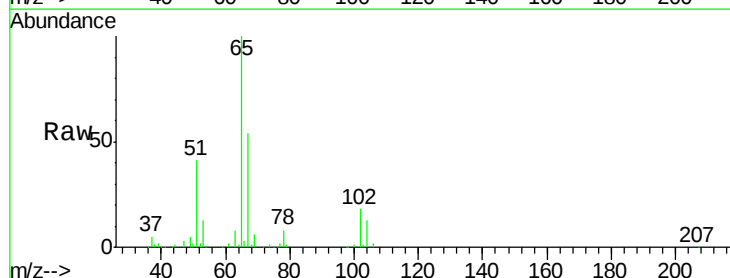
Acq: 27 Jun 2018 02:15

Tgt Ion: 65 Resp: 58517

Ion Ratio Lower Upper

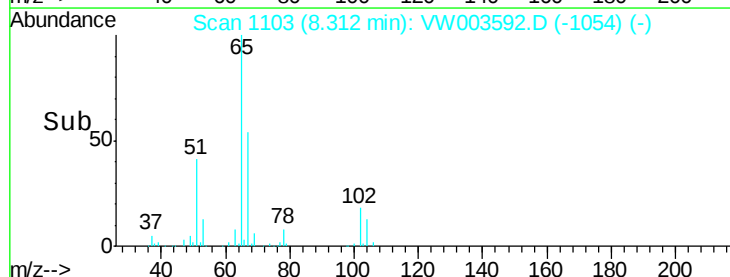
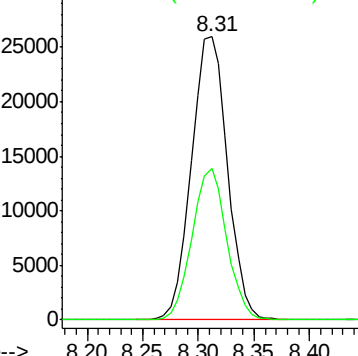
65 100

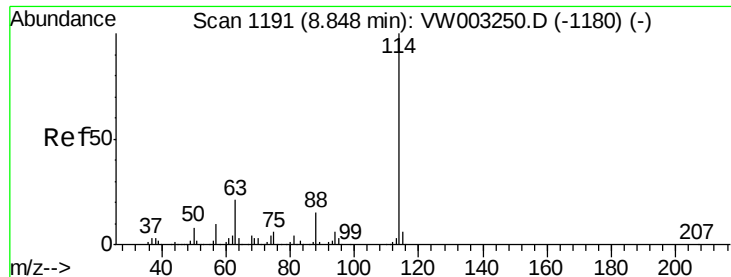
67 51.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

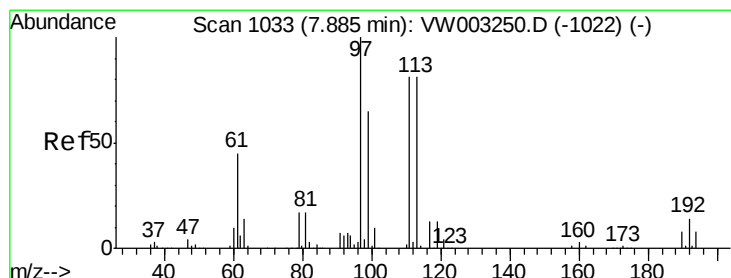
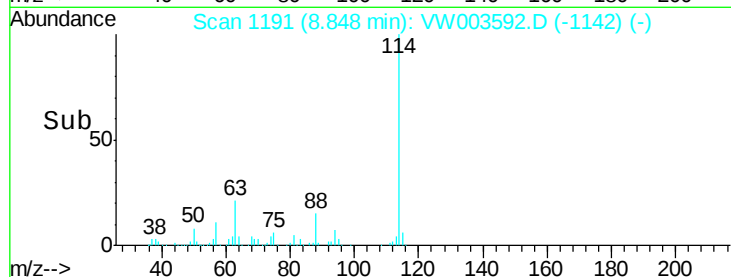
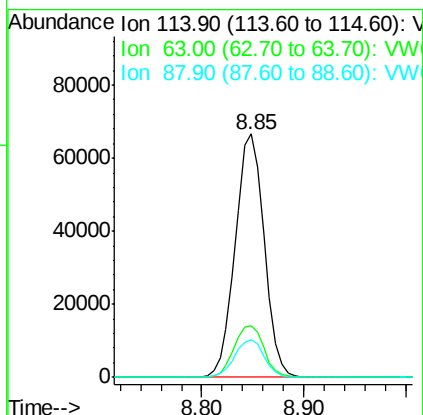
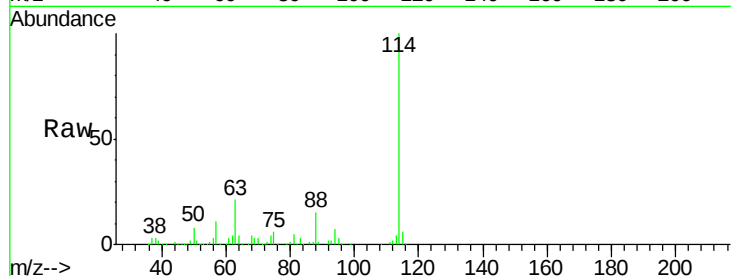




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003592.D
 Acq: 27 Jun 2018 02:15

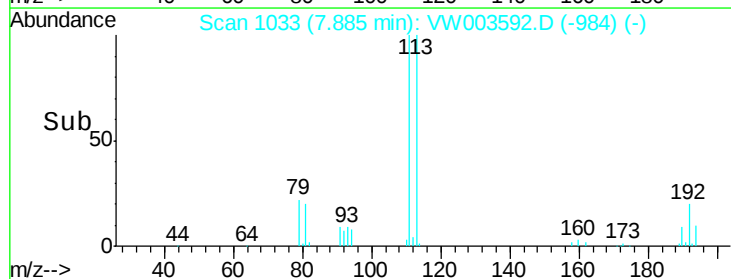
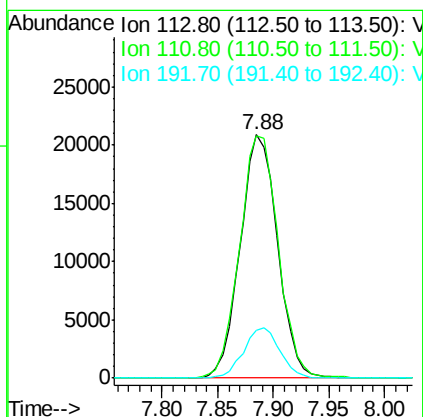
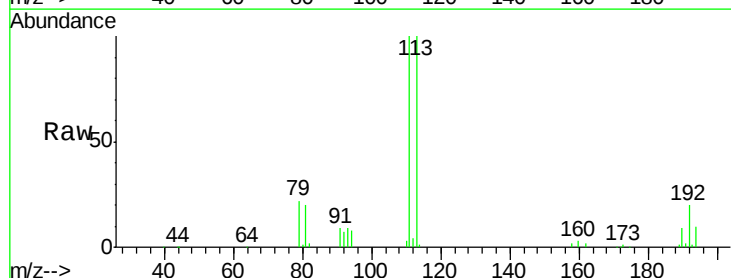
Instrument :
 MSVOA_W
 ClientSampleId :
 ZER-SB-02-1-2

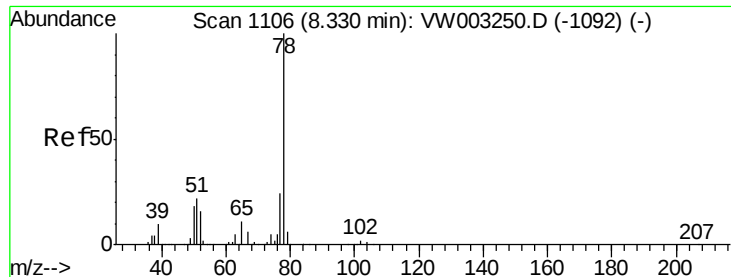
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	15.2	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 60.03 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003592.D
 Acq: 27 Jun 2018 02:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	20.1	16.2	24.2





#40

Benzene

Concen: 2.23 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003592.D

Acq: 27 Jun 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

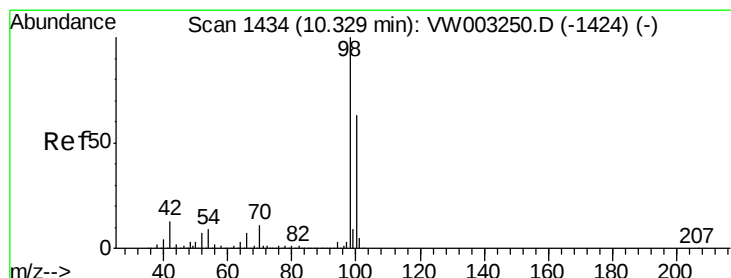
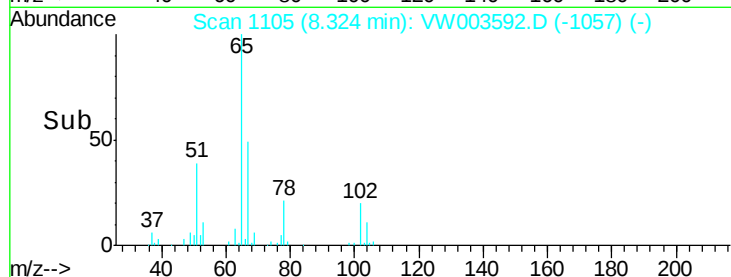
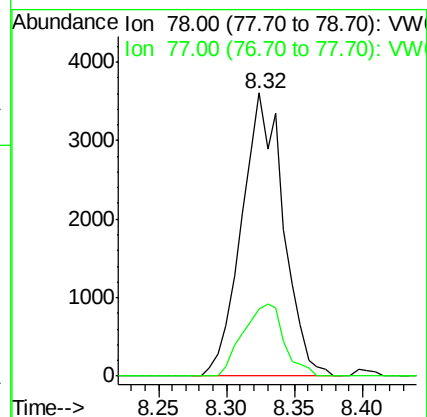
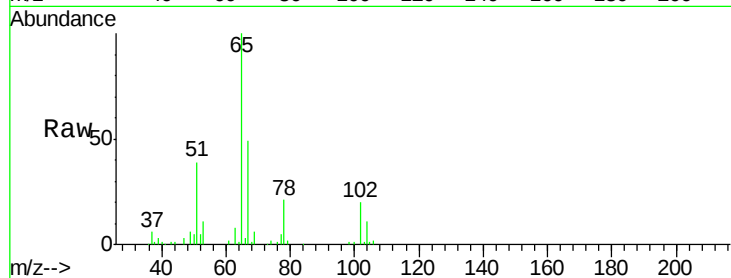
ZER-SB-02-1-2

Tot Ion: 78 Resp: 7759

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#50

Toluene-d8

Concen: 44.07 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003592.D

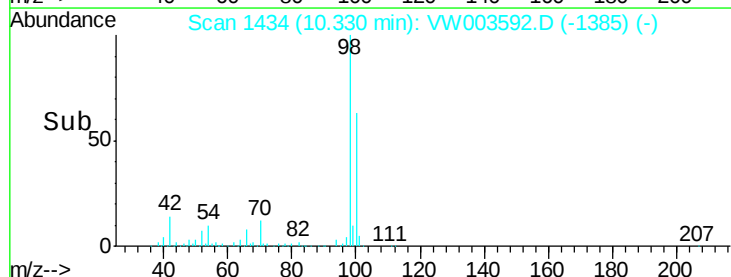
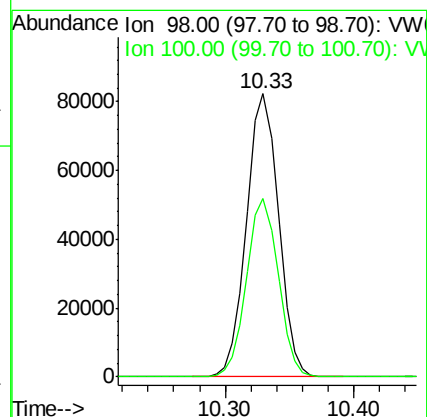
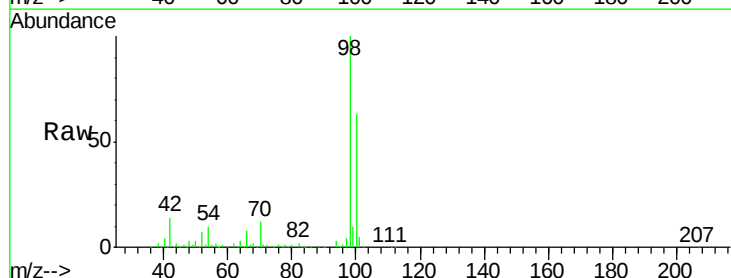
Acq: 27 Jun 2018 02:15

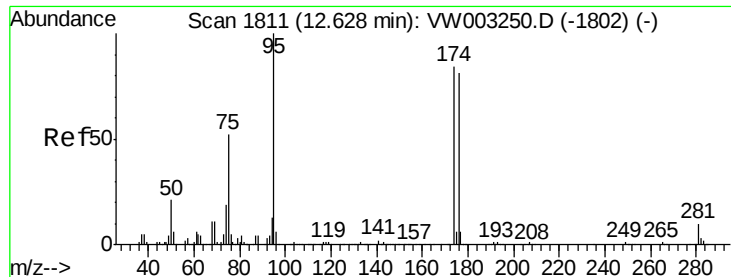
Tgt Ion: 98 Resp: 142011

Ion Ratio Lower Upper

98 100

100 62.4 50.8 76.2

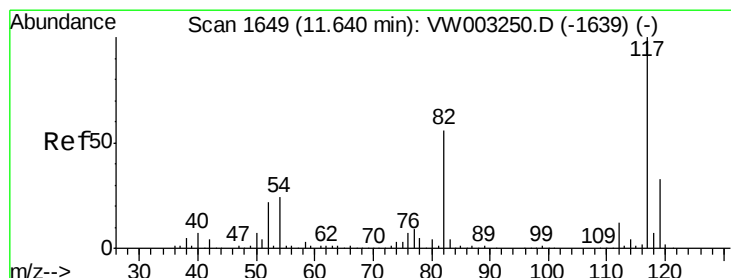
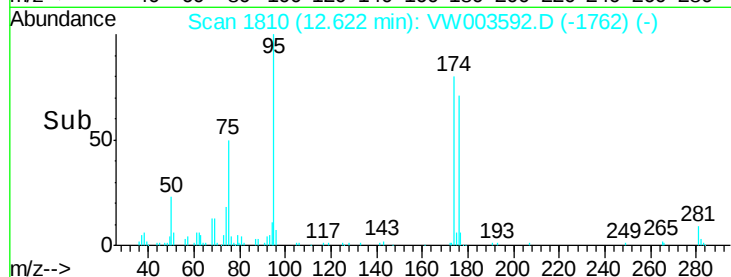
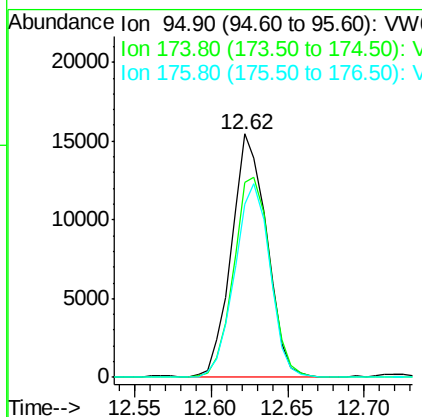
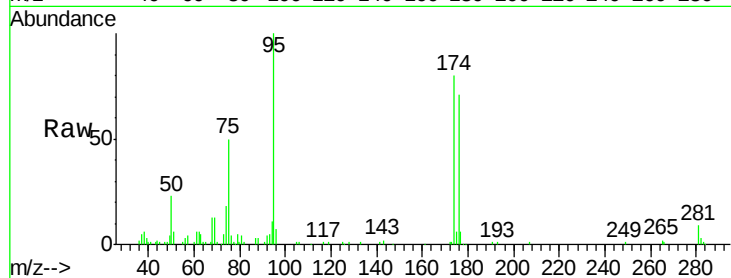




#62
4-Bromofluorobenzene
Concen: 21.81 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003592.D
Acq: 27 Jun 2018 02:15

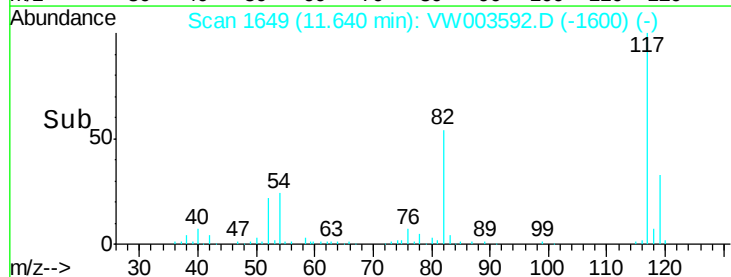
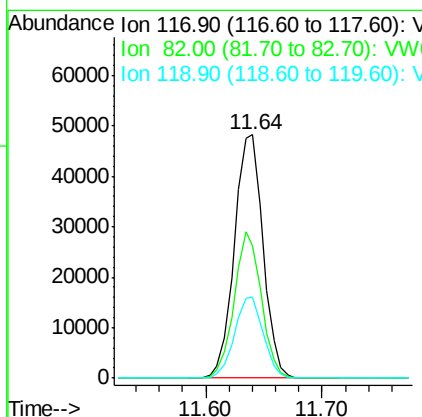
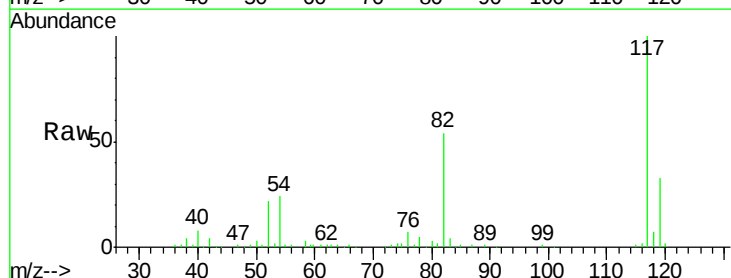
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ZER-SB-02-1-2

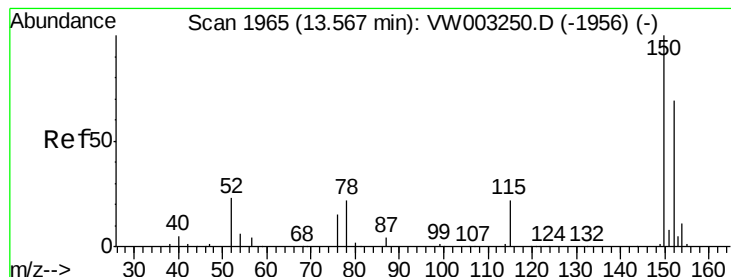
Tot Ion: 95 Resp: 24872
Ion Ratio Lower Upper
95 100
174 84.6 0.0 166.4
176 79.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003592.D
Acq: 27 Jun 2018 02:15

Tgt Ion: 117 Resp: 82808
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 33.1 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003592.D

Acq: 27 Jun 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ZER-SB-02-1-2

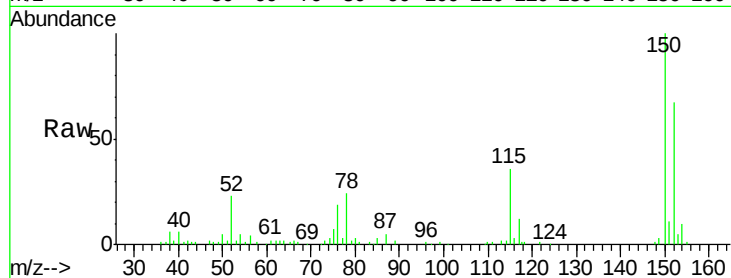
Tot Ion:152 Resp: 18765

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

150 154.0 0.0 349.6



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

