

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003593.D
 Acq On : 27 Jun 2018 02:40
 Operator : SY/AP
 Sample : J3614-02
 Misc : 10.44G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ZER-SB-01-1-2

Quant Time: Jun 27 08:17:41 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	122886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	206652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58950	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	69214	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	7.88	113	49765	38.76	ug/l	0.00
Spiked Amount			Recovery	=	77.52%	
50) Toluene-d8	10.33	98	167916	32.98	ug/l	0.00
Spiked Amount			Recovery	=	65.96%	
62) 4-Bromofluorobenzene	12.63	95	49116	27.26	ug/l	0.00
Spiked Amount			Recovery	=	54.52%	

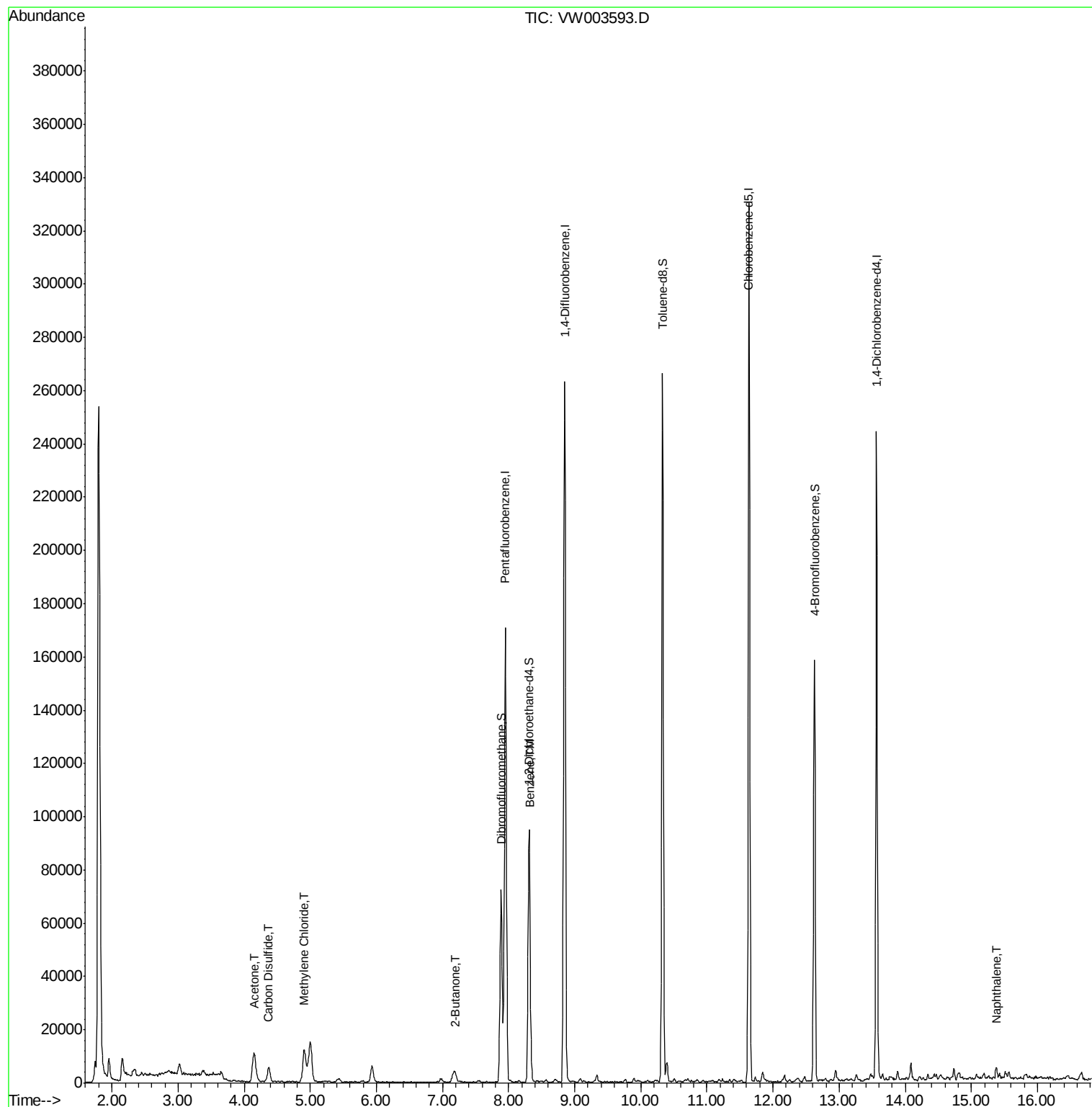
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	24597	88.11	ug/l	95
17) Carbon Disulfide	4.37	76	12257	3.73	ug/l	97
20) Methylene Chloride	4.91	84	9078	4.30	ug/l	97
25) 2-Butanone	7.19	43	4867	14.02	ug/l #	84
40) Benzene	8.32	78	12592	2.29	ug/l	97
95) Naphthalene	15.38	128	3828	1.87	ug/l #	90

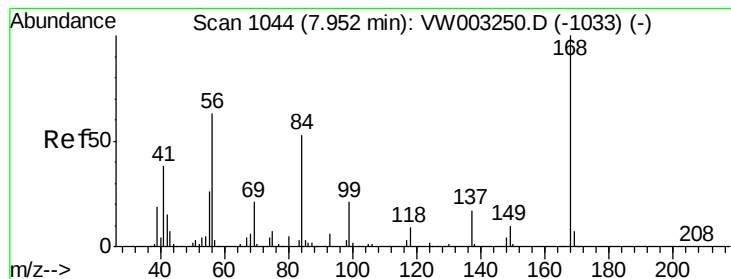
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_W

ClientSampleId :

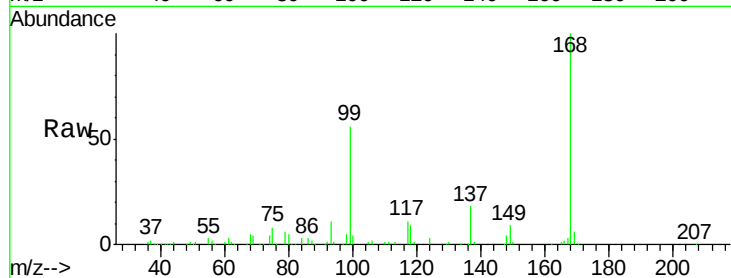
ZER-SB-01-1-2

Tot Ion:168 Resp: 122886

Ion Ratio Lower Upper

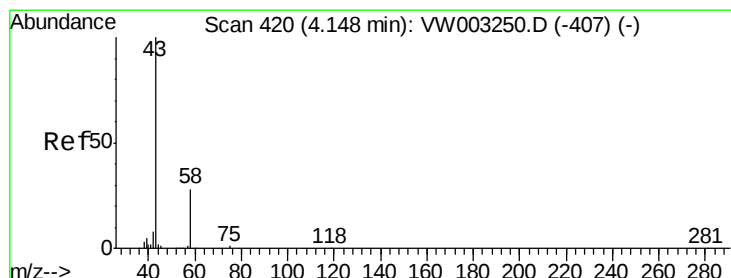
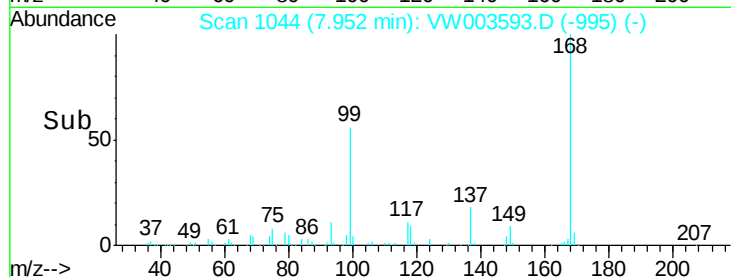
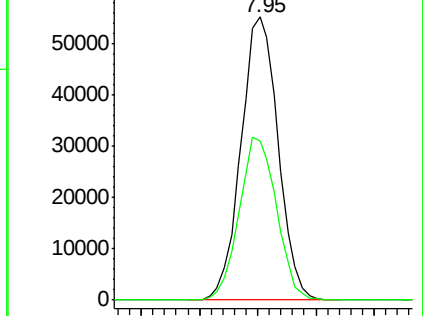
168 100

99 56.4 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: 88.11 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003593.D

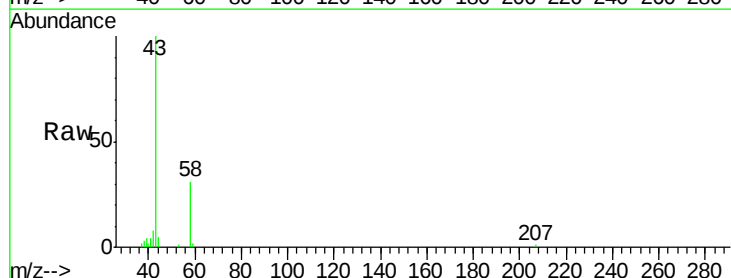
Acq: 27 Jun 2018 02:40

Tgt Ion: 43 Resp: 24597

Ion Ratio Lower Upper

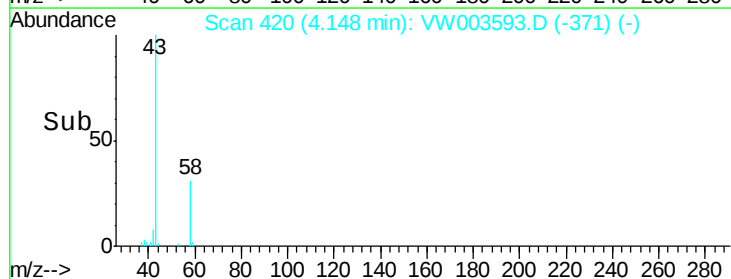
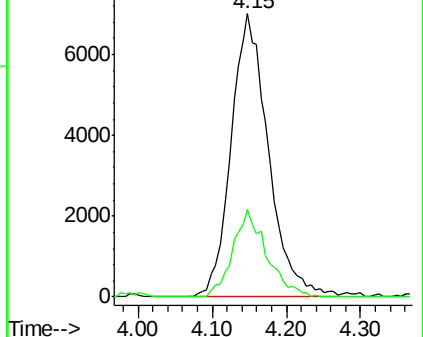
43 100

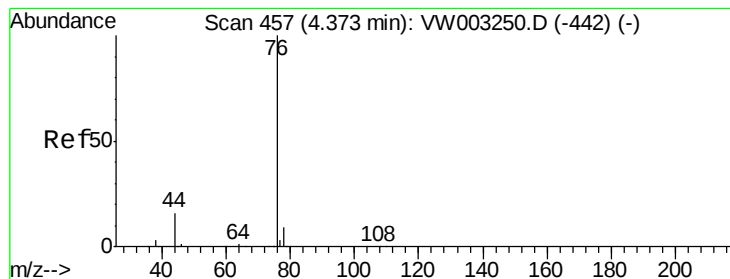
58 31.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.73 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

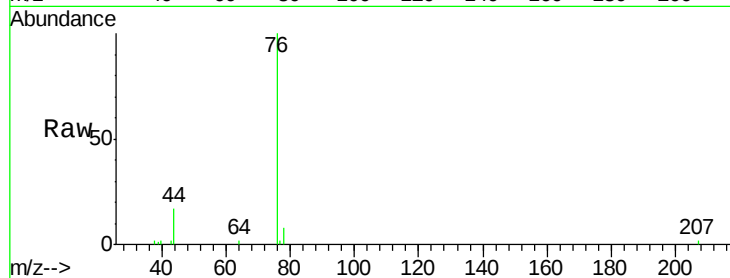
ZER-SB-01-1-2

Tot Ion: 76 Resp: 12257

Ion Ratio Lower Upper

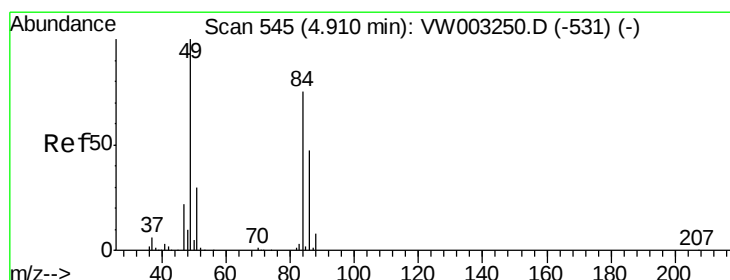
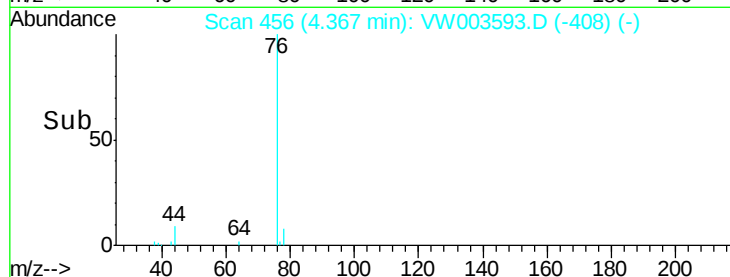
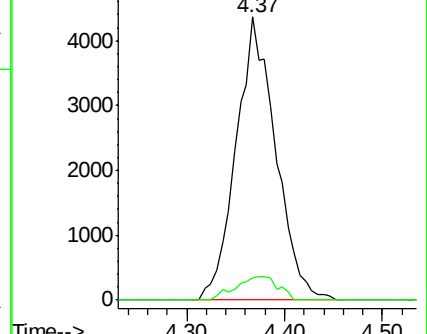
76 100

78 7.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 4.30 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Tgt Ion: 84 Resp: 9078

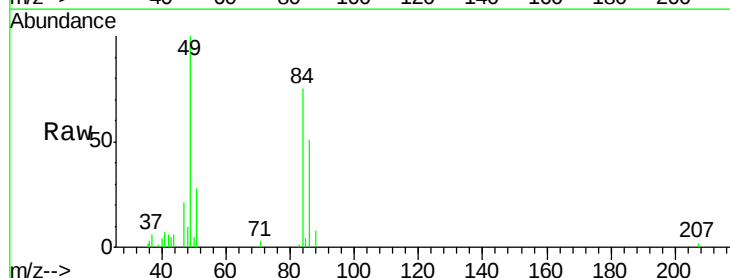
Ion Ratio Lower Upper

84 100

49 132.5 106.3 159.5

51 36.7 32.0 48.0

86 67.3 49.9 74.9

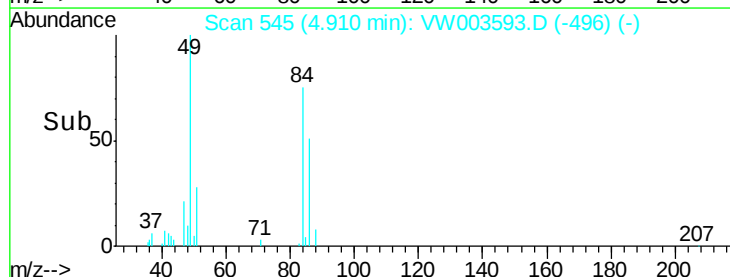
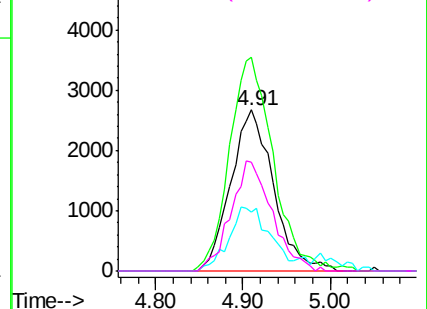


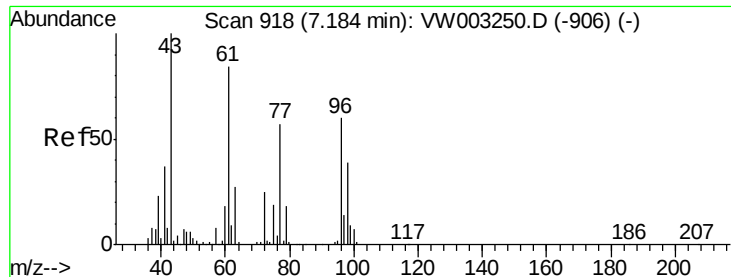
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 14.02 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

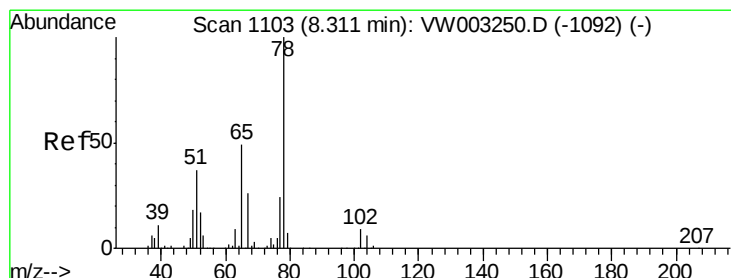
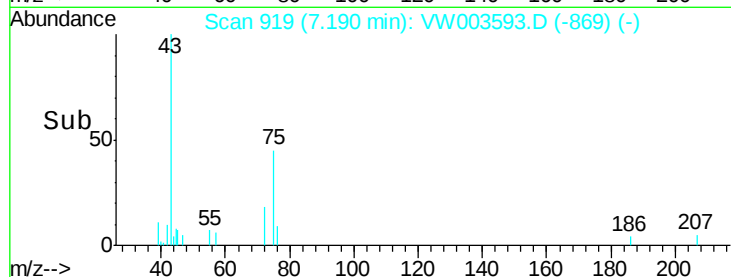
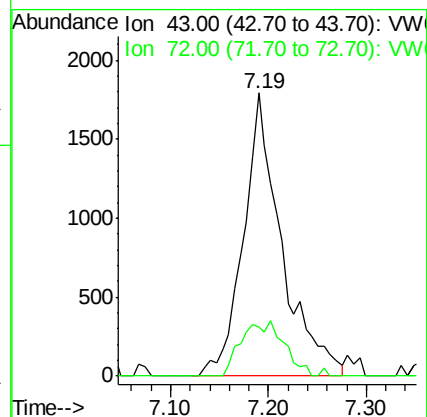
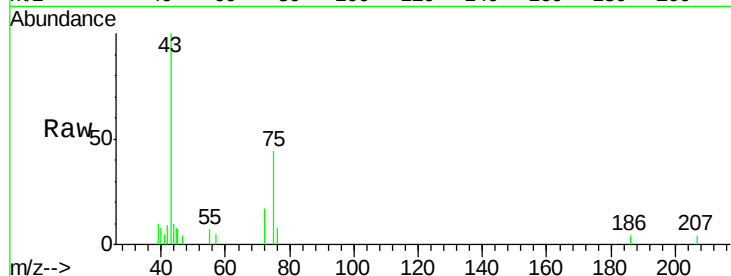
ZER-SB-01-1-2

Tot Ion: 43 Resp: 4867

Ion Ratio Lower Upper

43 100

72 17.2 20.3 30.5#



#33

1,2-Dichloroethane-d4

Concen: 52.00 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003593.D

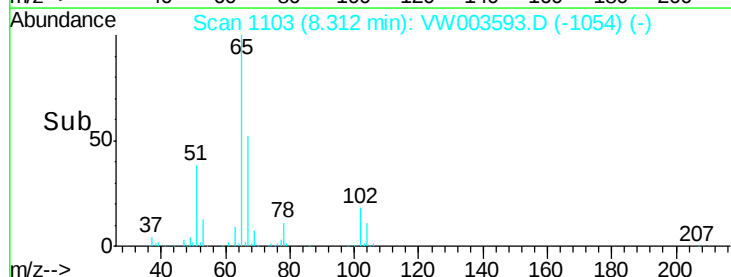
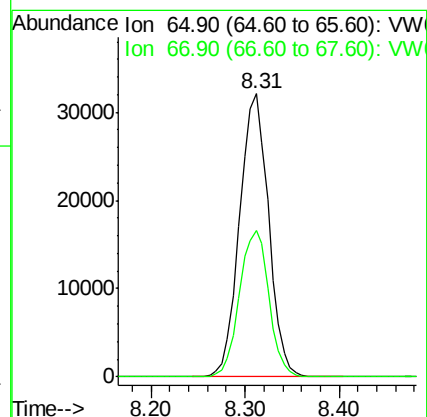
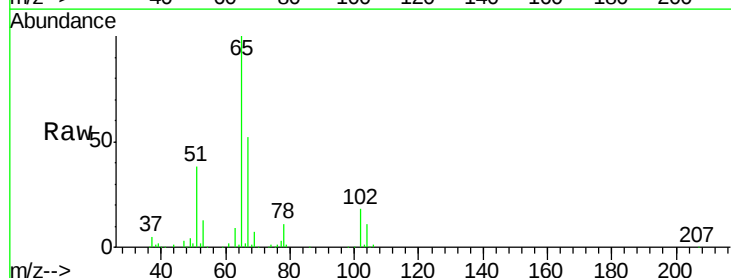
Acq: 27 Jun 2018 02:40

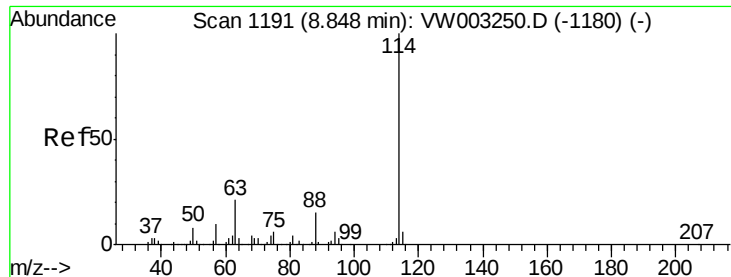
Tgt Ion: 65 Resp: 69214

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.2

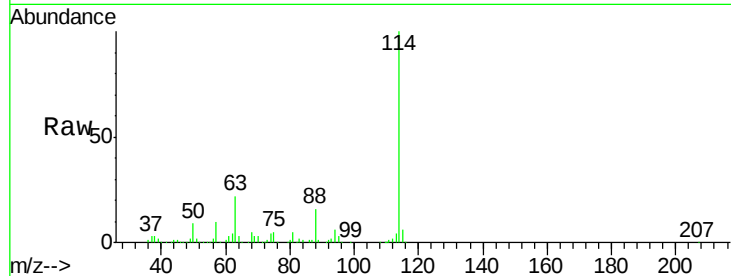




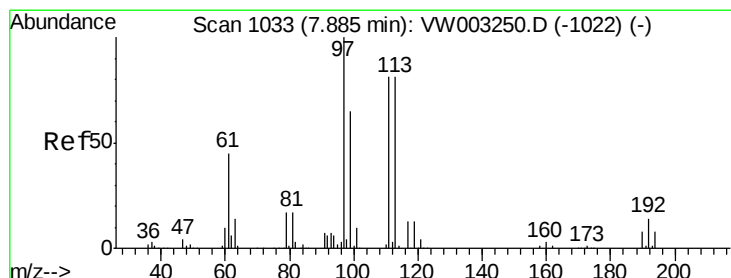
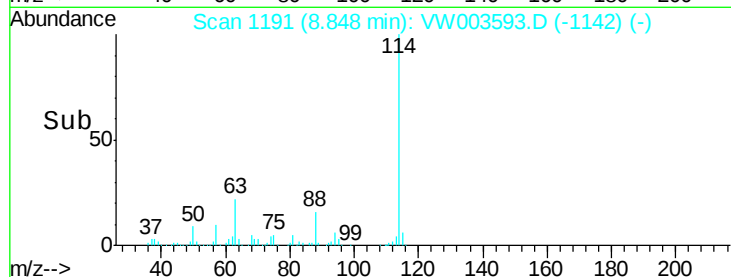
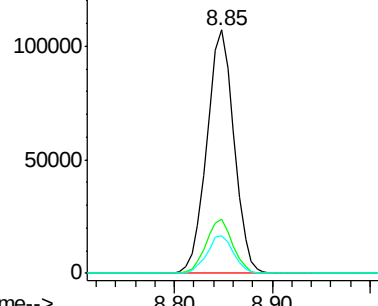
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW003593.D
Acq: 27 Jun 2018 02:40

Instrument :
MSVOA_W
ClientSampleId :
ZER-SB-01-1-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	15.5	0.0	29.6

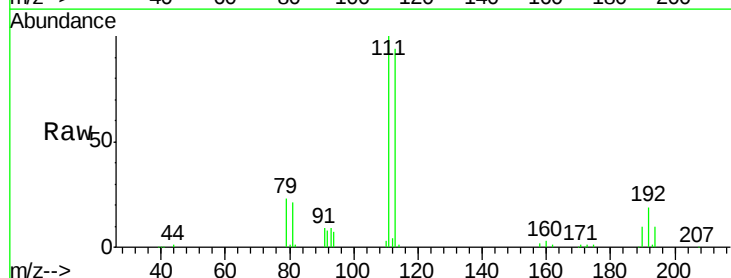


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

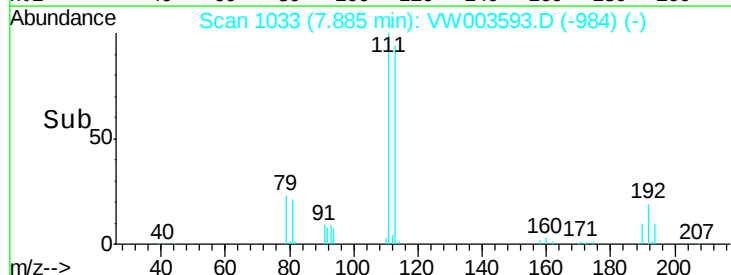
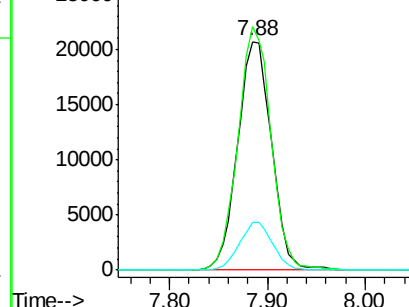


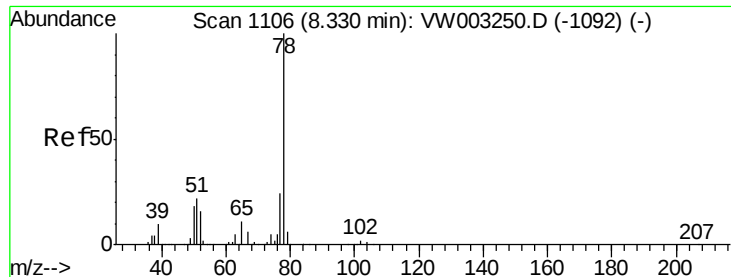
#35
Dibromofluoromethane
Concen: 38.76 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003593.D
Acq: 27 Jun 2018 02:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	20.3	16.2	24.2



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





#40

Benzene

Concen: 2.29 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

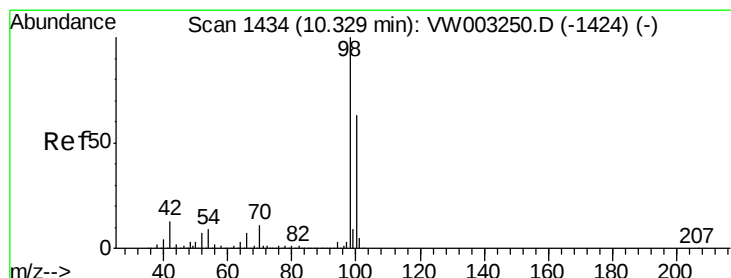
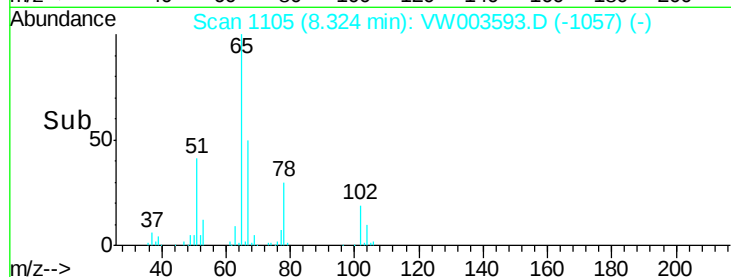
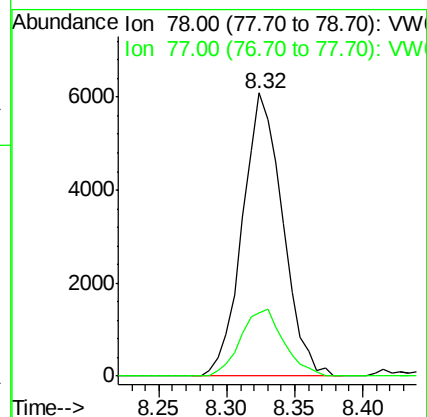
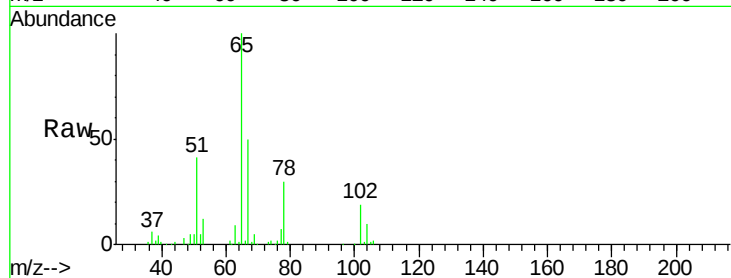
ZER-SB-01-1-2

Tot Ion: 78 Resp: 12592

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6



#50

Toluene-d8

Concen: 32.98 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003593.D

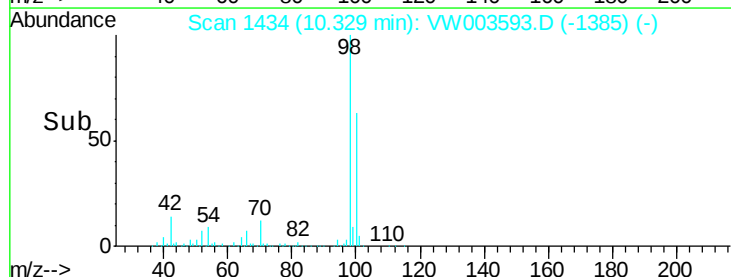
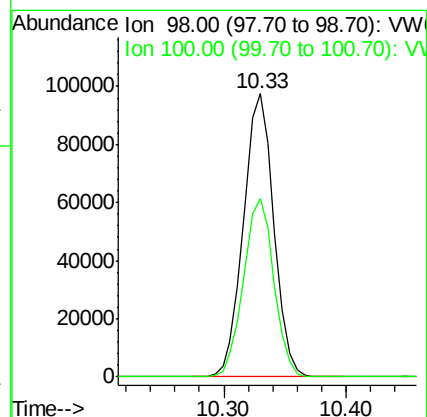
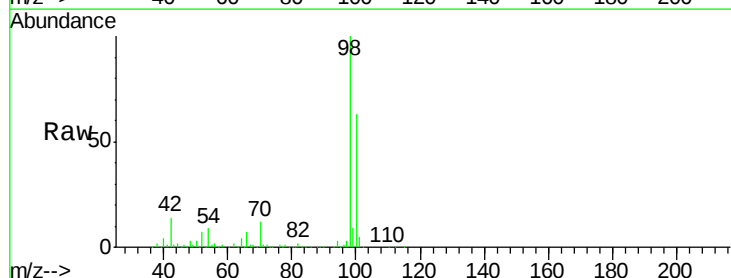
Acq: 27 Jun 2018 02:40

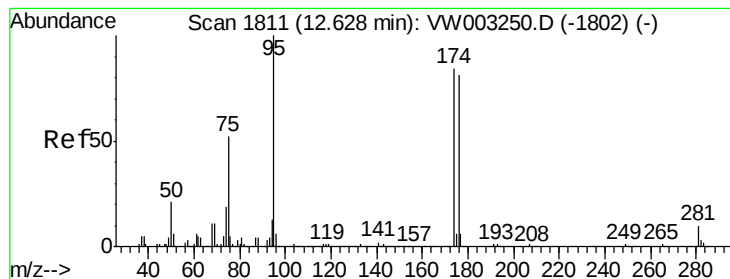
Tgt Ion: 98 Resp: 167916

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 27.26 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

ZER-SB-01-1-2

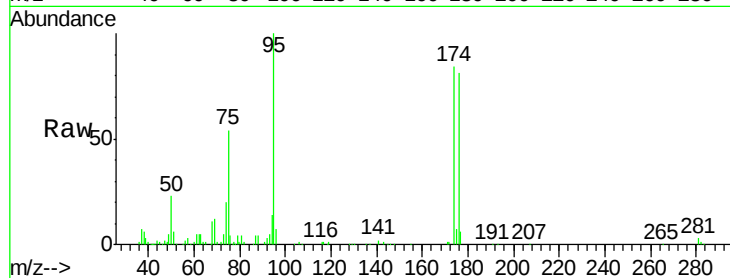
Tot Ion: 95 Resp: 49116

Ion Ratio Lower Upper

95 100

174 82.8 0.0 166.4

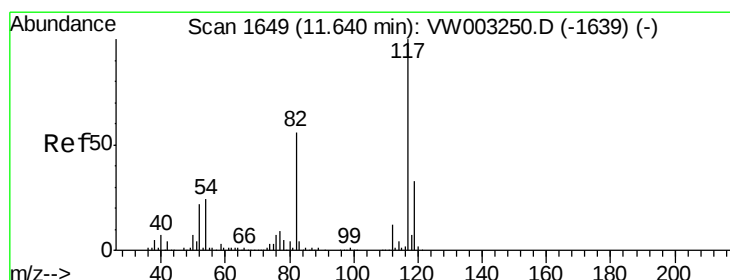
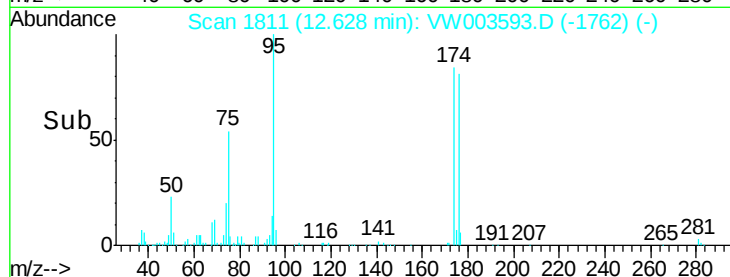
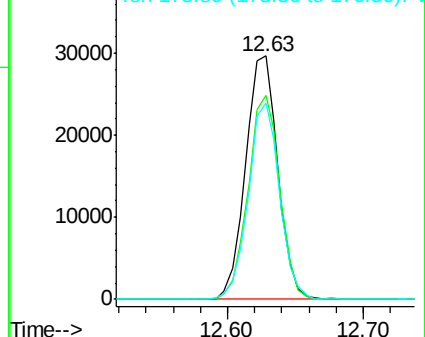
176 78.8 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

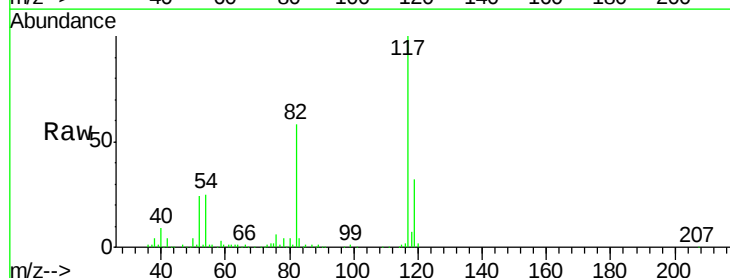
Tgt Ion: 117 Resp: 171497

Ion Ratio Lower Upper

117 100

82 58.3 44.6 67.0

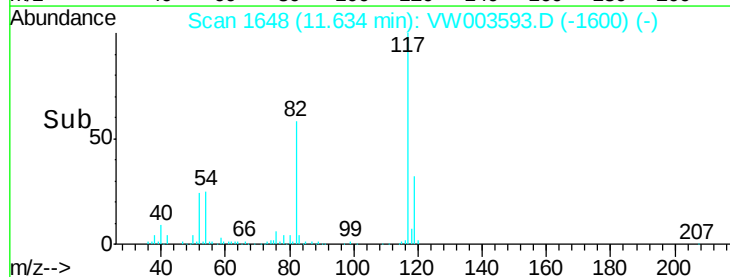
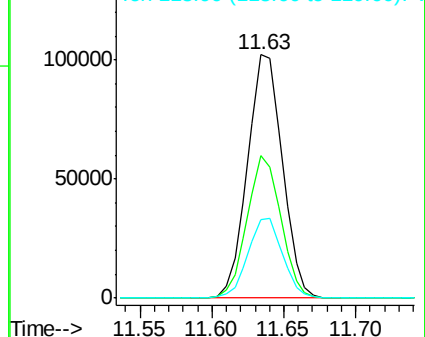
119 32.2 26.7 40.1

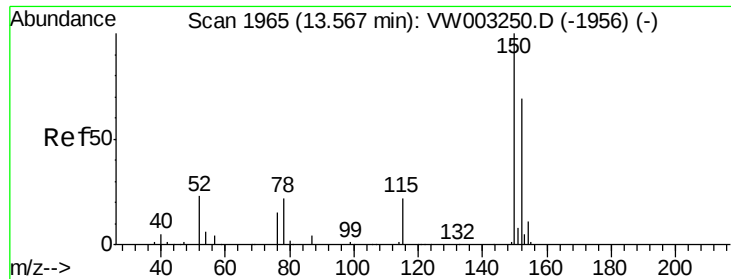


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

ZER-SB-01-1-2

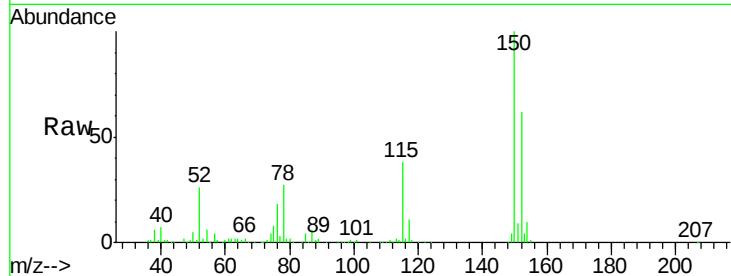
Tot Ion:152 Resp: 58950

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

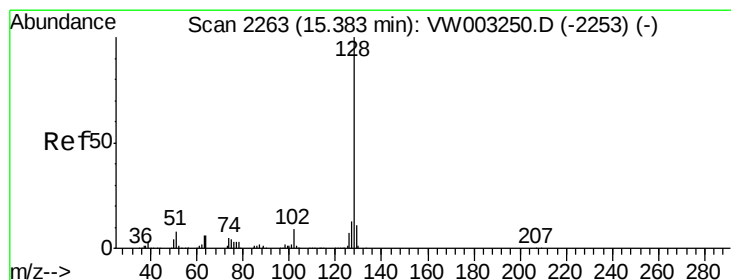
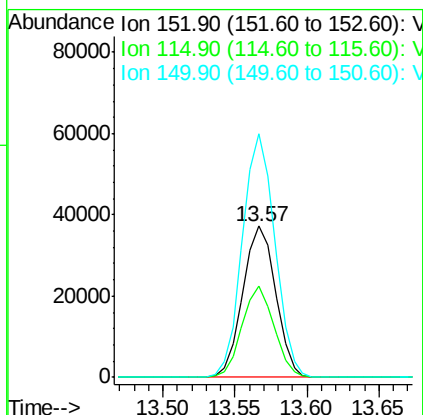
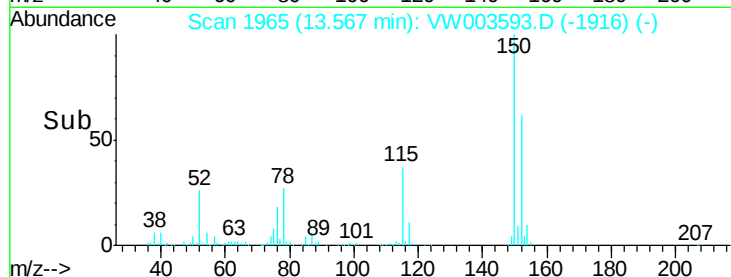
150 158.9 0.0 349.6



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



#95

Naphthalene

Concen: 1.87 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003593.D

Acq: 27 Jun 2018 02:40

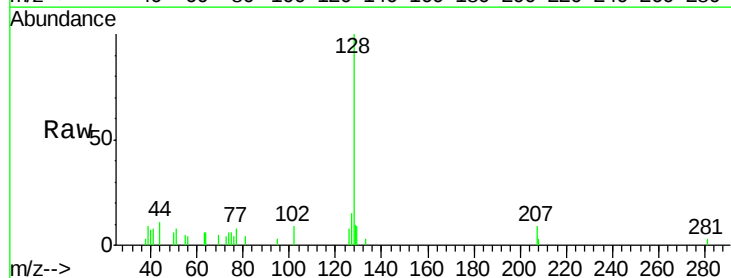
Tgt Ion:128 Resp: 3828

Ion Ratio Lower Upper

128 100

127 16.5 10.5 15.7#

129 15.3 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

