

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005093.D
 Acq On : 04 Sep 2018 21:04
 Operator : SY/AP
 Sample : J4712-01
 Misc : 5.72G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13

Quant Time: Sep 05 04:57:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

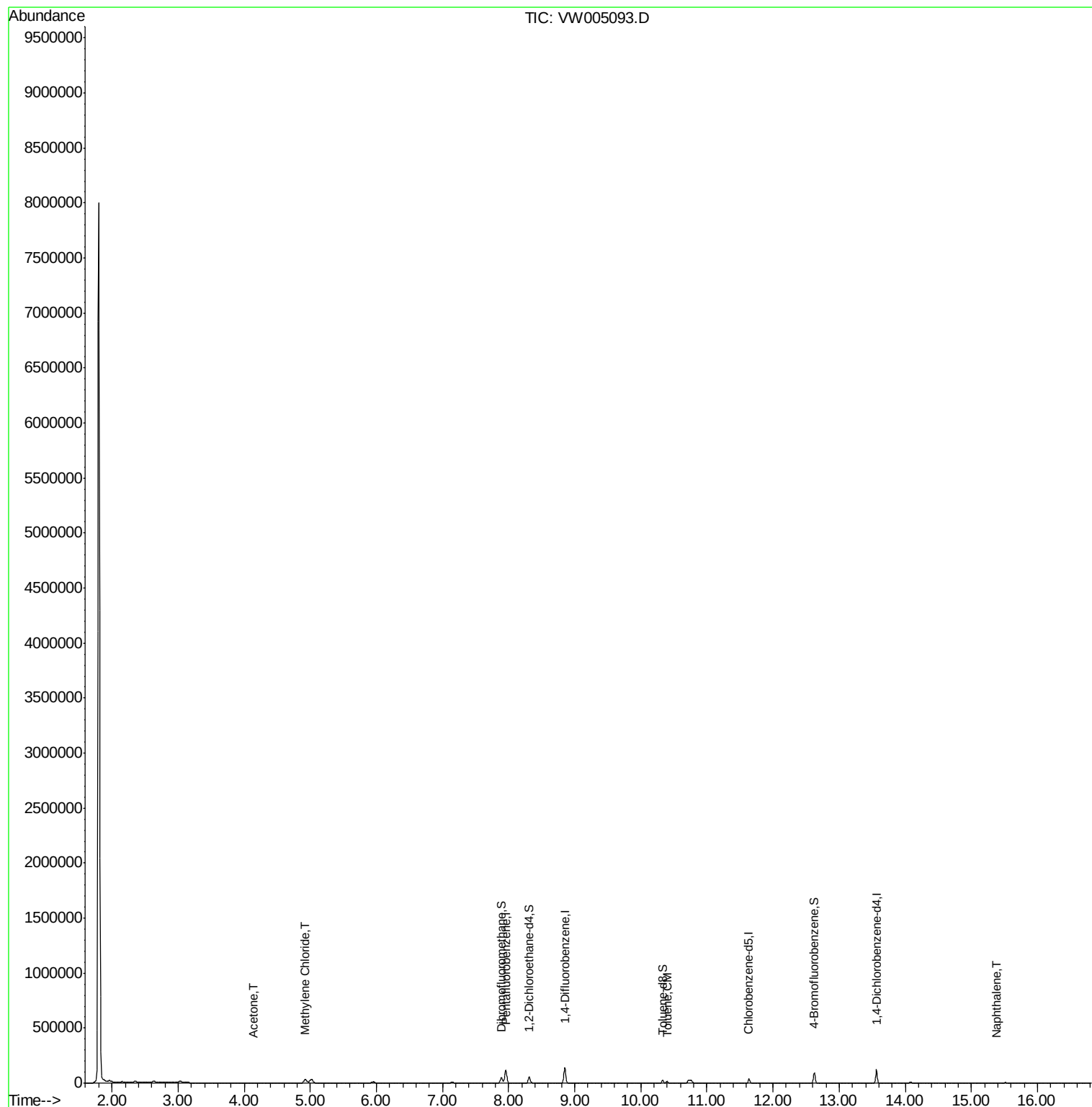
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	95514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	121142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	35101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41810	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.89	113	37729	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.33	98	19037	5.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.80%	
62) 4-Bromofluorobenzene	12.62	95	24761	21.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.54%	
Target Compounds						
16) Acetone	4.14	43	4930	31.05	ug/l	99
20) Methylene Chloride	4.92	84	24875	20.93	ug/l	95
52) Toluene	10.40	92	6033	2.52	ug/l	99
95) Naphthalene	15.38	128	463	4.32	ug/l #	69

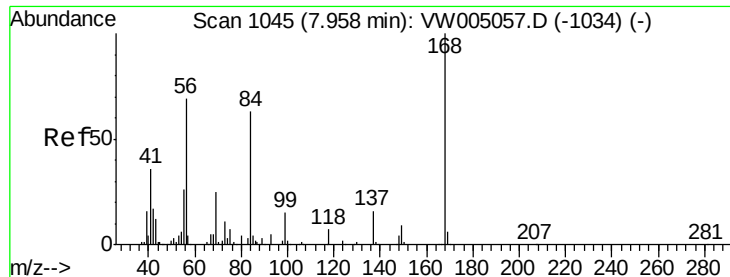
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005093.D

Acq: 04 Sep 2018 21:04

Instrument :

MSVOA_W

ClientSampled :

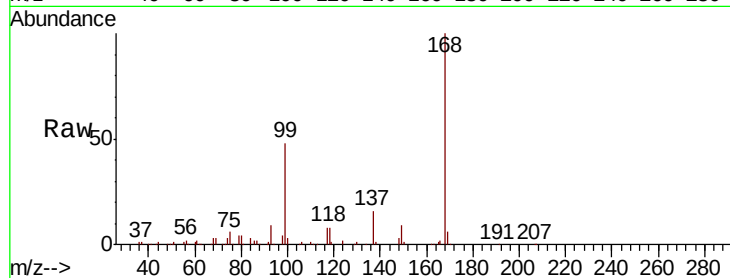
SB-13

Tot Ion:168 Resp: 95514

Ion Ratio Lower Upper

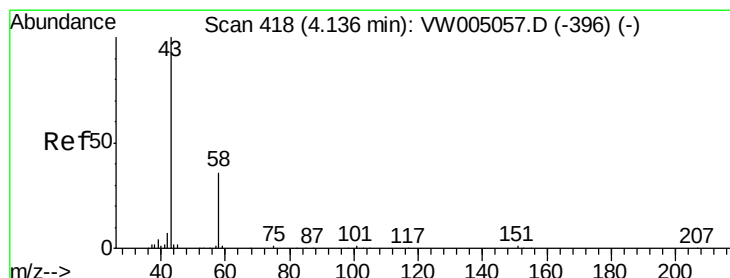
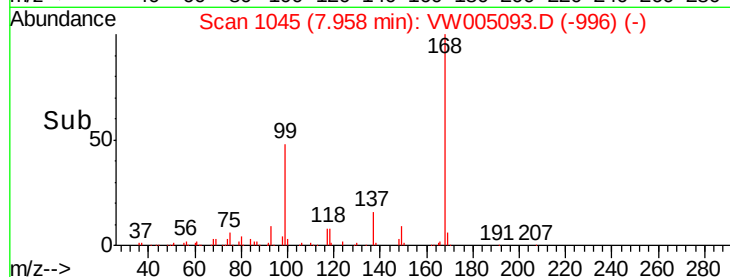
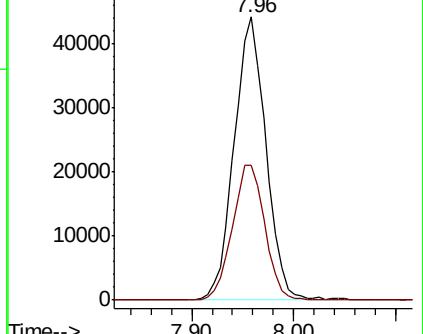
168 100

99 47.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.05 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005093.D

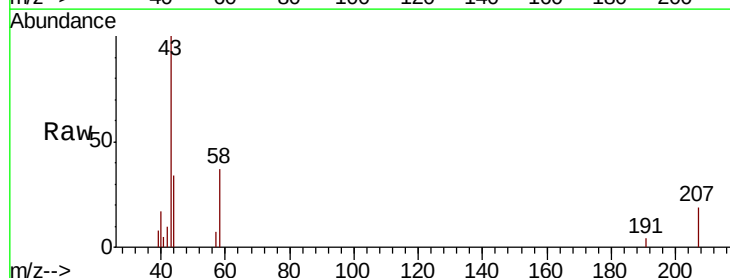
Acq: 04 Sep 2018 21:04

Tgt Ion: 43 Resp: 4930

Ion Ratio Lower Upper

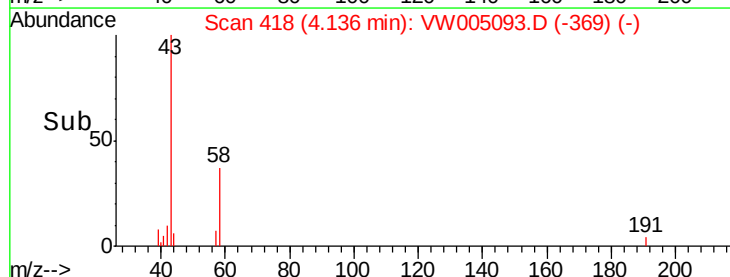
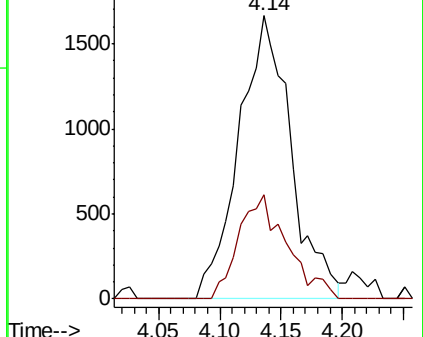
43 100

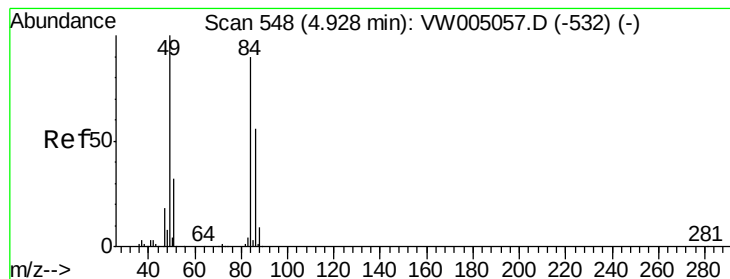
58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 20.93 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005093.D

Acq: 04 Sep 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

SB-13

Tot Ion: 84 Resp: 24875

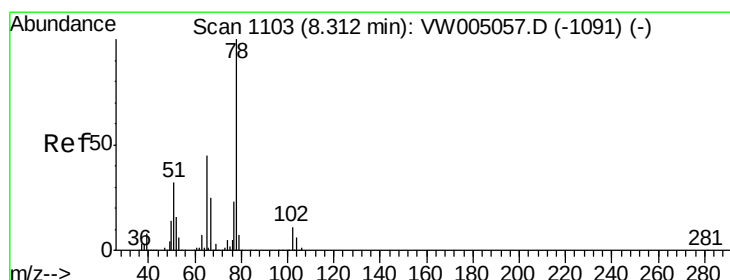
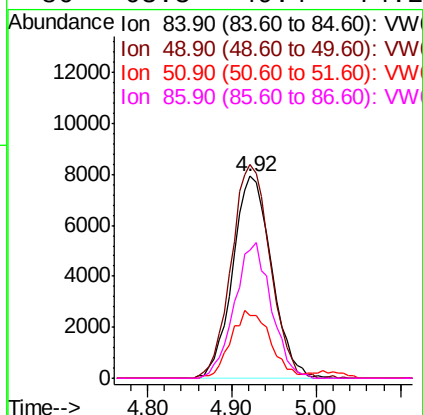
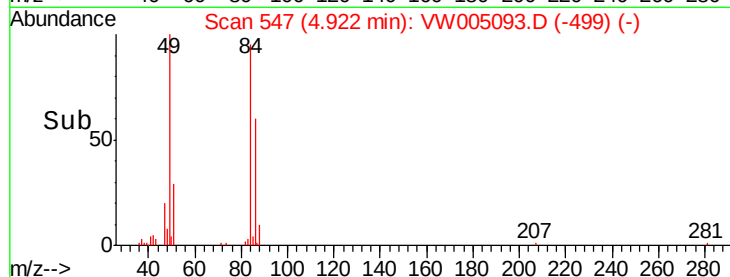
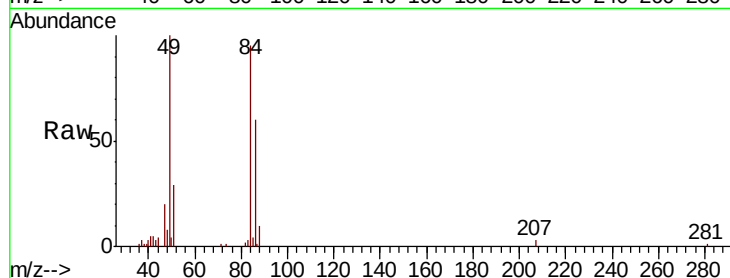
Ion Ratio Lower Upper

84 100

49 105.8 88.7 133.1

51 30.9 28.6 42.8

86 63.3 49.4 74.2



#33

1,2-Dichloroethane-d4

Concen: 52.81 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005093.D

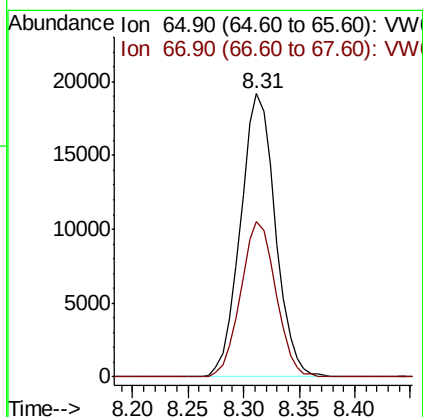
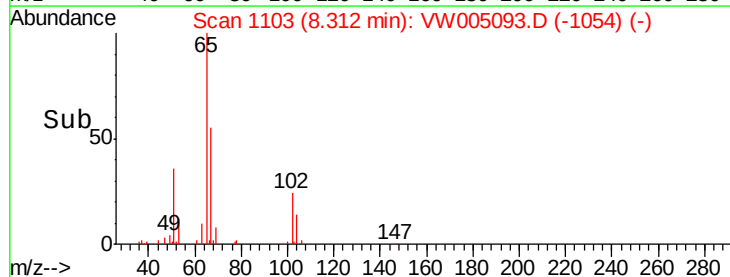
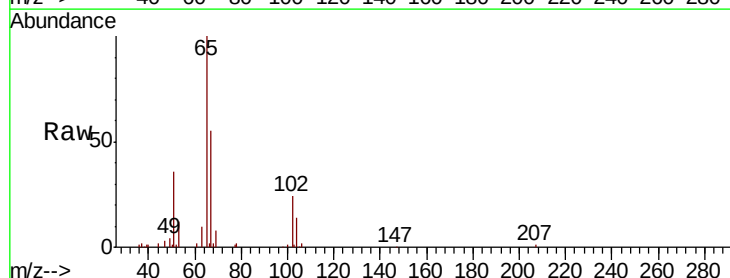
Acq: 04 Sep 2018 21:04

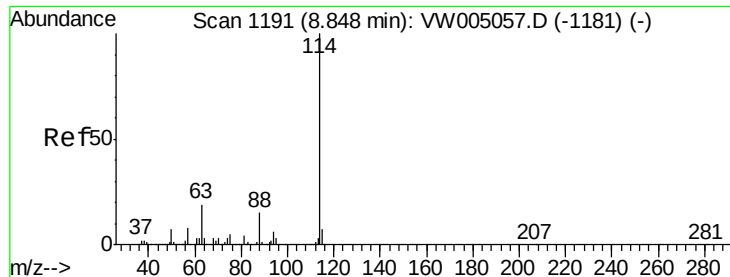
Tgt Ion: 65 Resp: 41810

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.4

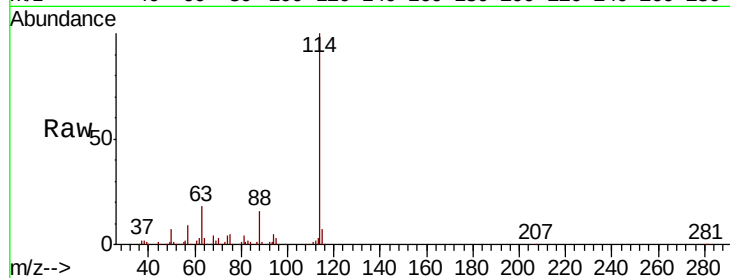




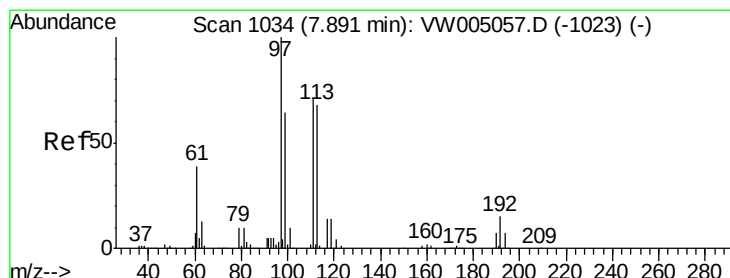
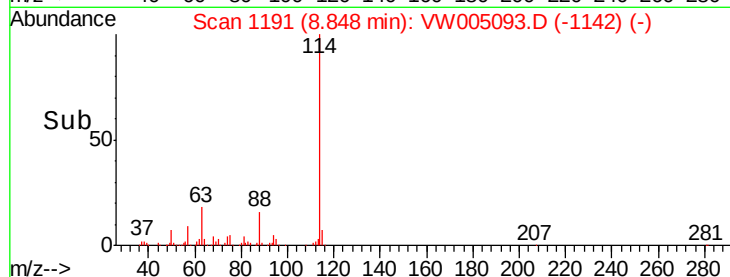
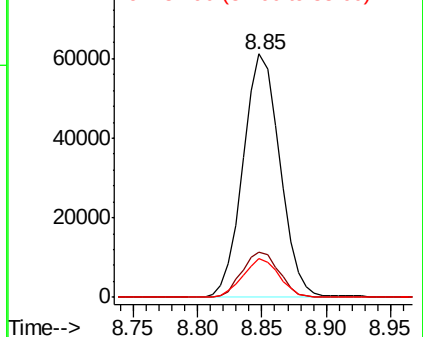
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005093.D
 Acq: 04 Sep 2018 21:04

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.0
88	15.7	0.0	30.2

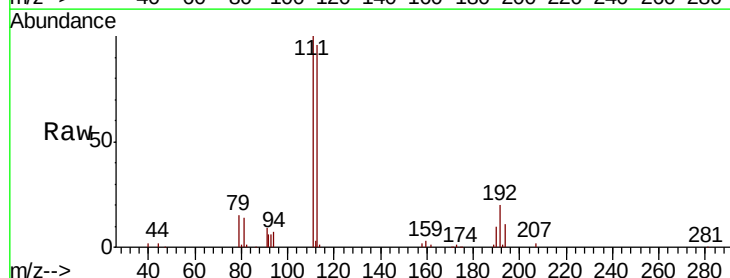


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

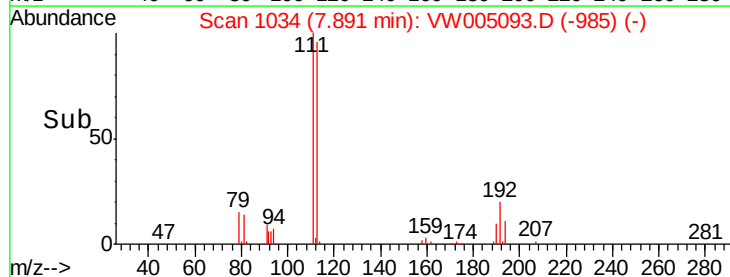
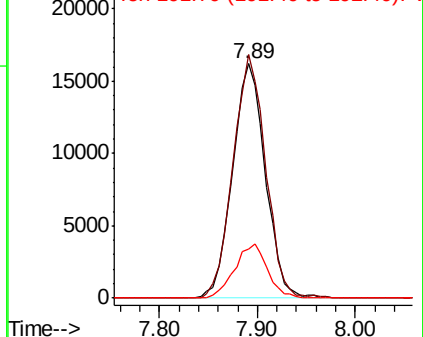


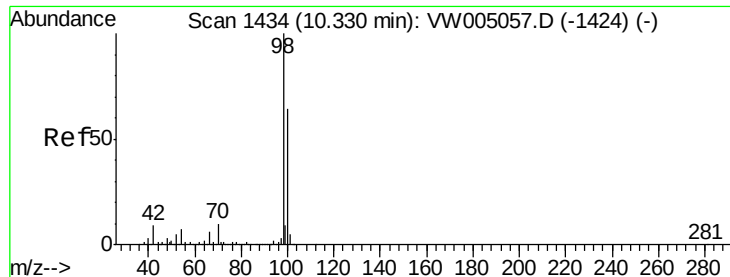
#35
 Dibromofluoromethane
 Concen: 53.89 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005093.D
 Acq: 04 Sep 2018 21:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	22.8	18.1	27.1



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

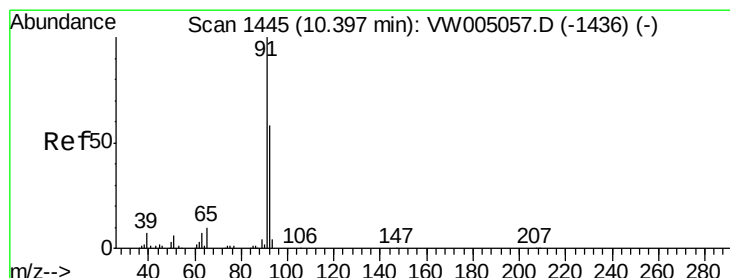
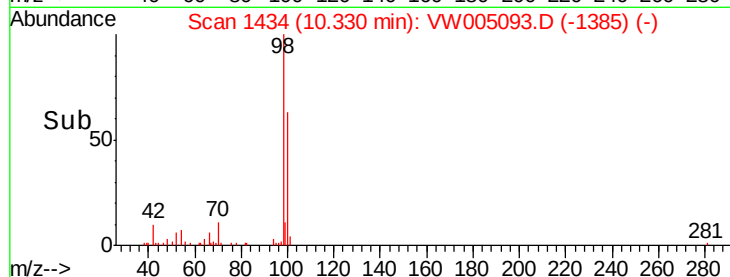
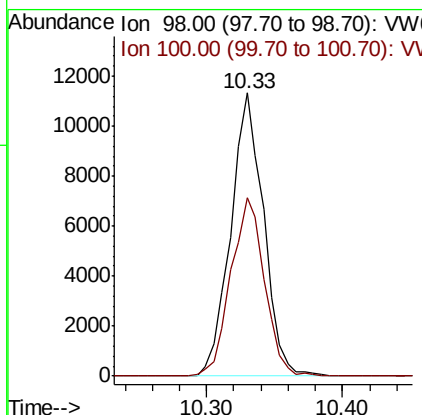
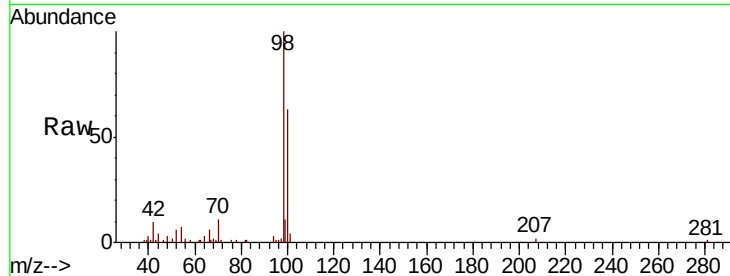




#50
Toluene-d8
Concen: 5.90 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005093.D
Acq: 04 Sep 2018 21:04

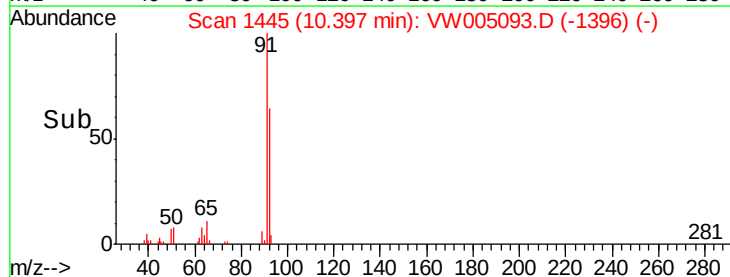
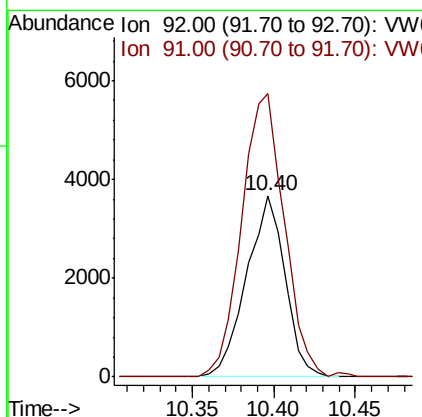
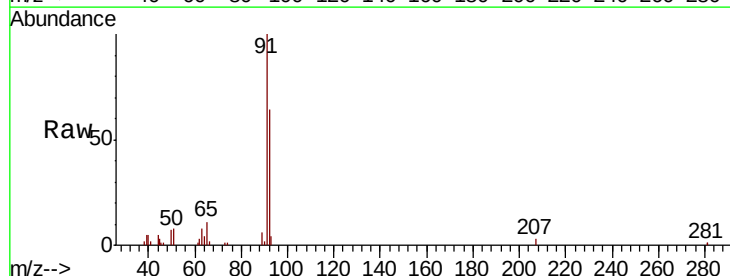
Instrument :
MSVOA_W
ClientSampled :
SB-13

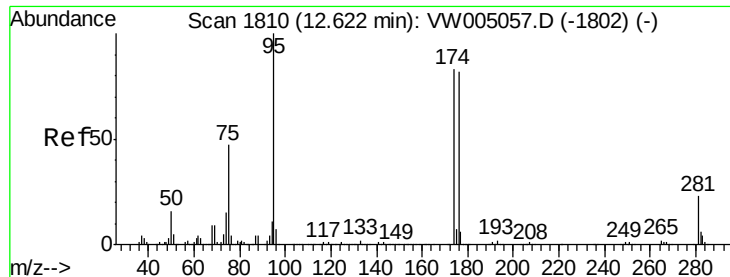
Tot Ion: 98 Resp: 19037
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#52
Toluene
Concen: 2.52 ug/l
RT: 10.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: VW005093.D
Acq: 04 Sep 2018 21:04

Tgt Ion: 92 Resp: 6033
Ion Ratio Lower Upper
92 100
91 173.2 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 21.77 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005093.D

Acq: 04 Sep 2018 21:04

Instrument :

MSVOA_W

ClientSampled :

SB-13

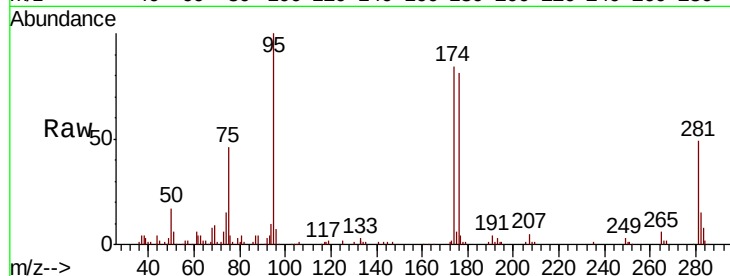
Tot Ion: 95 Resp: 24761

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.4

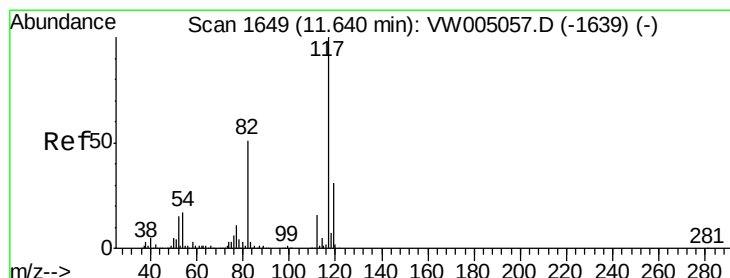
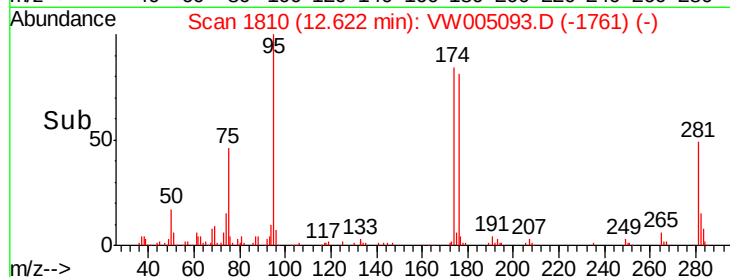
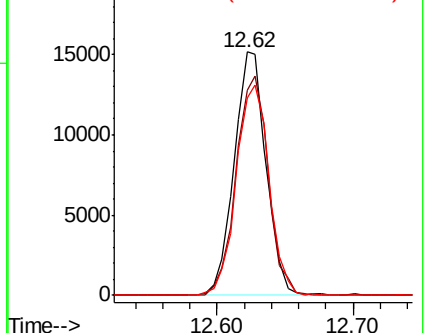
176 89.2 0.0 167.4



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: VW005093.D

Acq: 04 Sep 2018 21:04

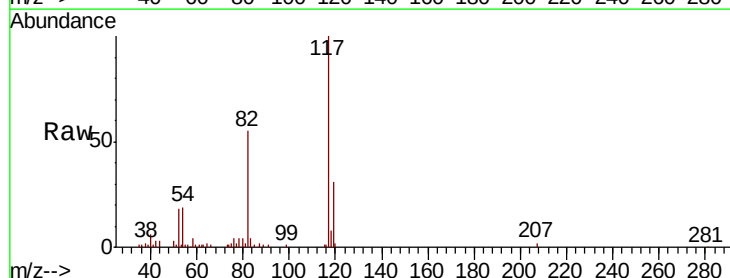
Tgt Ion: 117 Resp: 23507

Ion Ratio Lower Upper

117 100

82 55.4 40.9 61.3

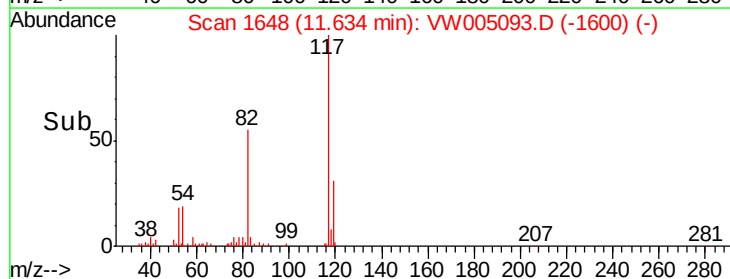
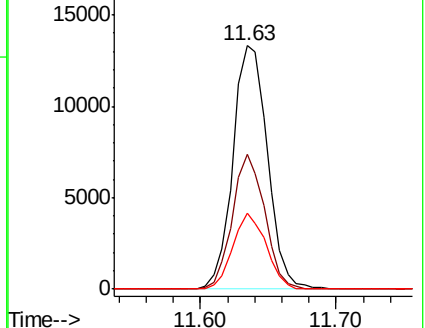
119 31.3 24.9 37.3

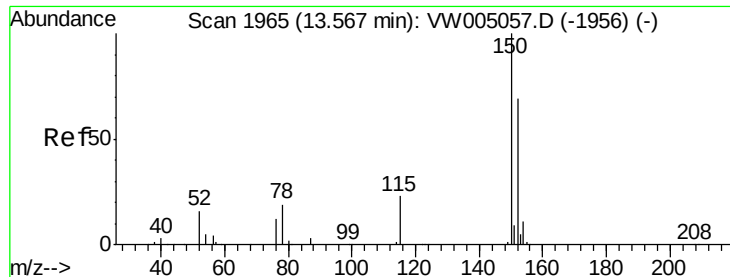


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW005093.D

Acq: 04 Sep 2018 21:04

Instrument :

MSVOA_W

ClientSampleId :

SB-13

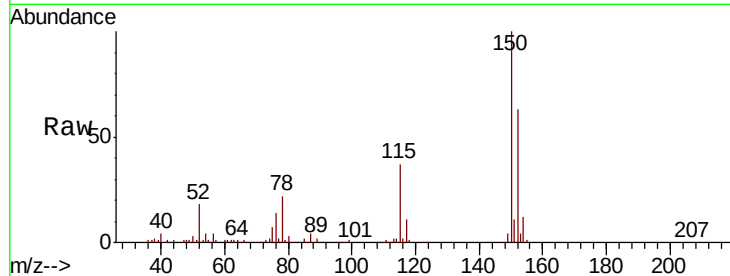
Tot Ion:152 Resp: 35101

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

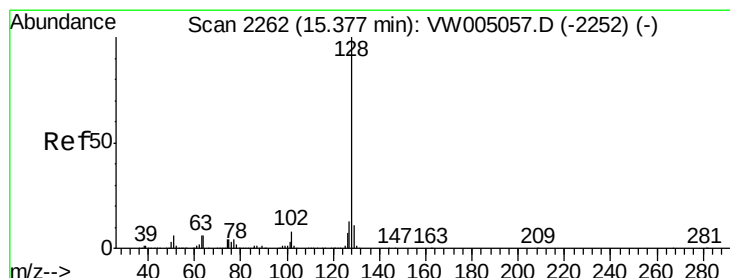
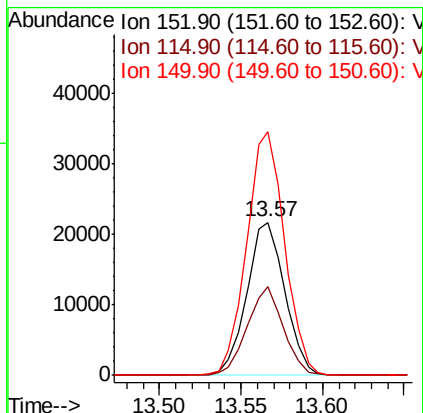
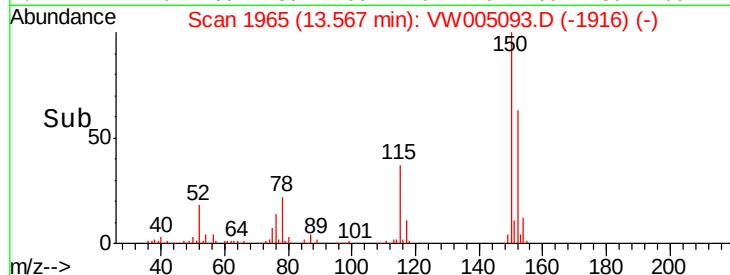
150 159.0 0.0 351.4



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: 4.32 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005093.D

Acq: 04 Sep 2018 21:04

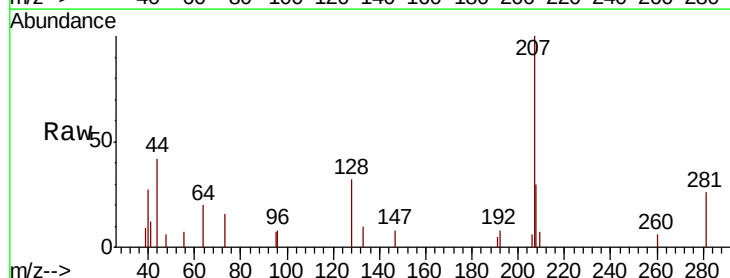
Tgt Ion:128 Resp: 463

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



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

