

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005097.D
 Acq On : 04 Sep 2018 22:46
 Operator : SY/AP
 Sample : J4712-05
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03

Quant Time: Sep 05 05:12:37 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

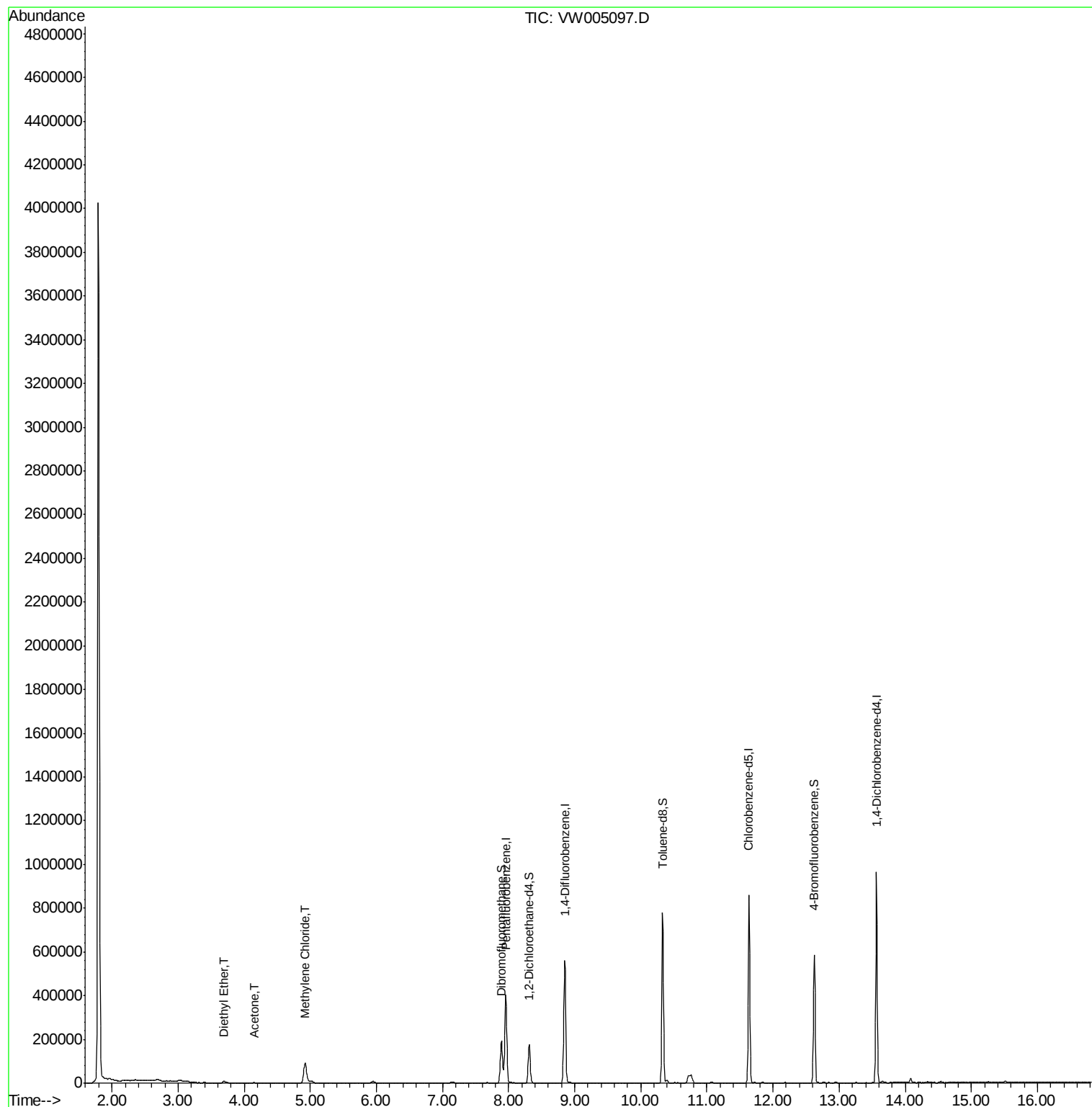
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	335610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	496750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	519519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	269766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140493	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	141135	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.33	98	540536	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
62) 4-Bromofluorobenzene	12.62	95	186227	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
8) Diethyl Ether	3.70	74	3479	2.24	ug/l	94
16) Acetone	4.15	43	2842	5.09	ug/l	93
20) Methylene Chloride	4.92	84	77316	18.02	ug/l	97

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

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Quant Title : SW846 8260
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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: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampled :

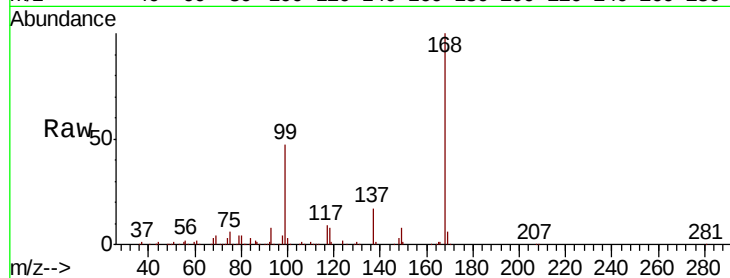
SB-03

Tot Ion:168 Resp: 335610

Ion Ratio Lower Upper

168 100

99 46.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

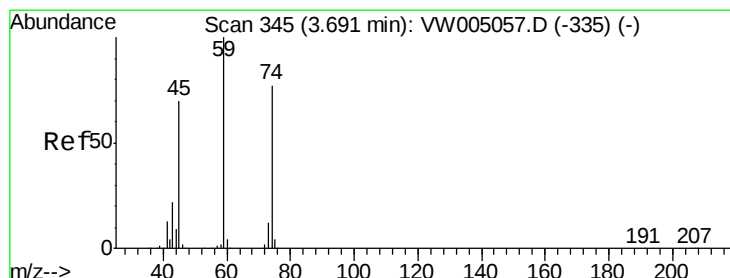
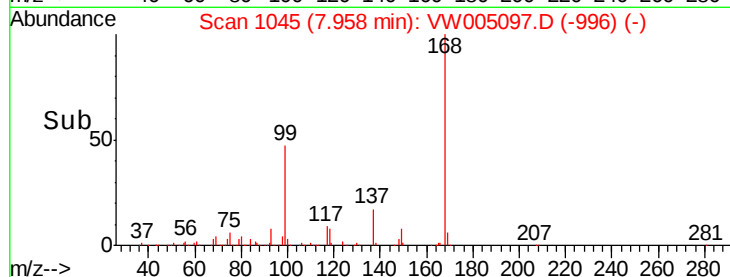
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.24 ug/l

RT: 3.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VW005097.D

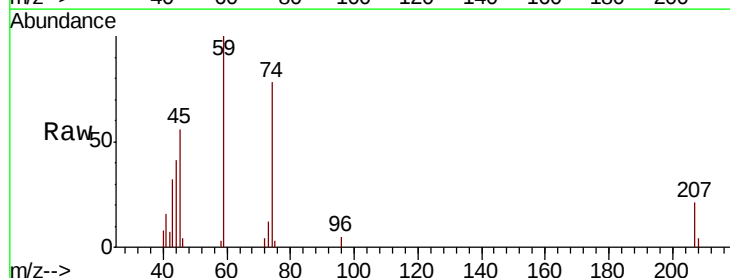
Acq: 04 Sep 2018 22:46

Tgt Ion: 74 Resp: 3479

Ion Ratio Lower Upper

74 100

45 97.6 46.0 137.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

2000

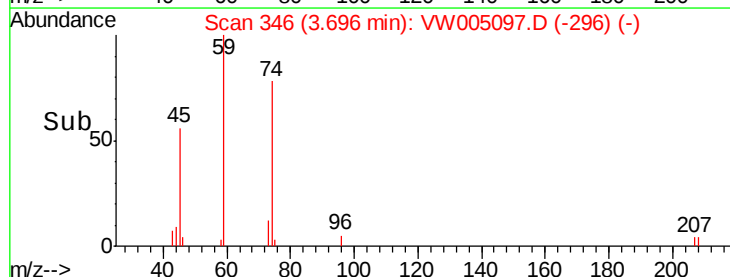
1500

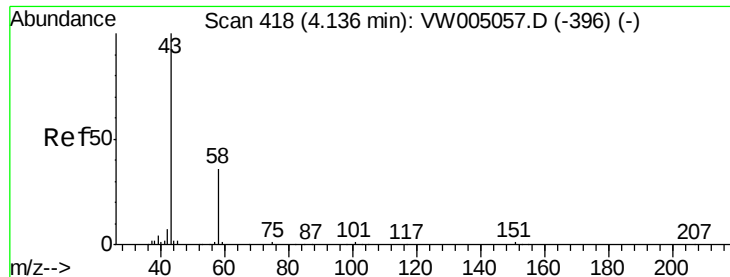
1000

500

0

Time-->





#16

Acetone

Concen: 5.09 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampled :

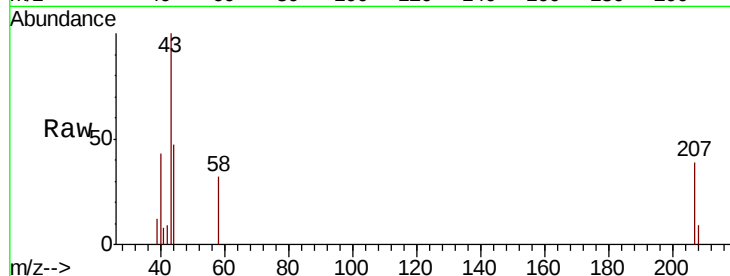
SB-03

Tot Ion: 43 Resp: 2842

Ion Ratio Lower Upper

43 100

58 32.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

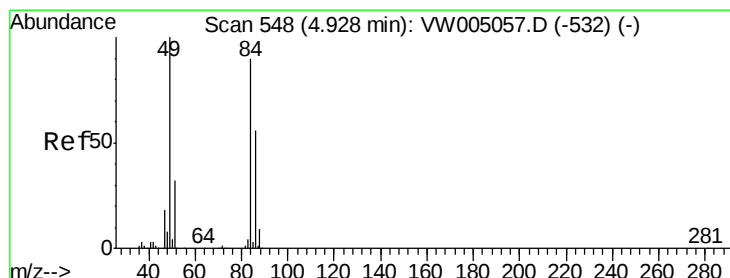
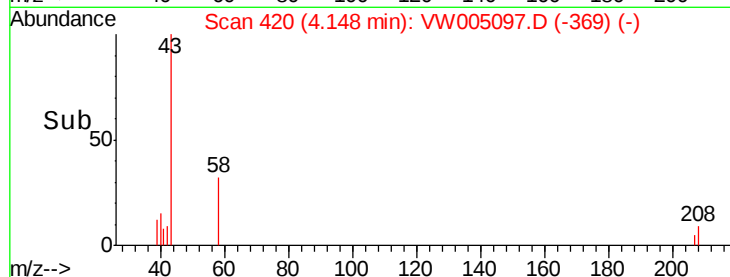
400

200

0

4.10 4.20

Time-->



#20

Methylene Chloride

Concen: 18.02 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Tgt Ion: 84 Resp: 77316

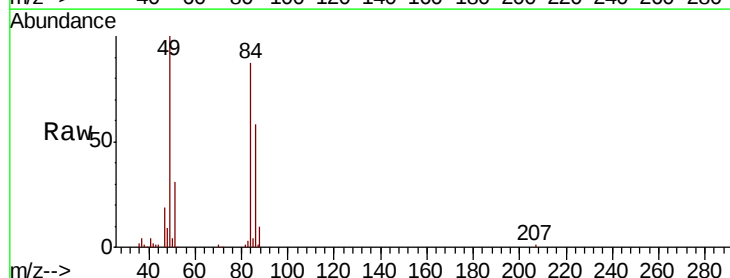
Ion Ratio Lower Upper

84 100

49 114.4 88.7 133.1

51 35.6 28.6 42.8

86 66.2 49.4 74.2



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

4.92

40000

30000

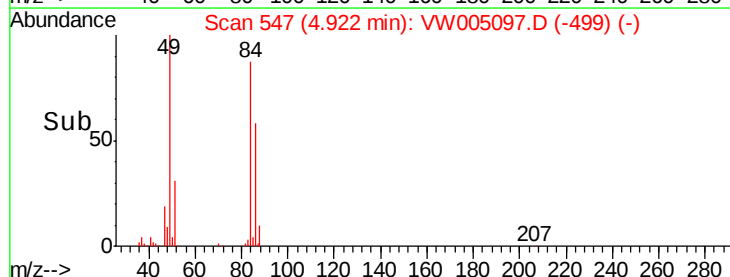
20000

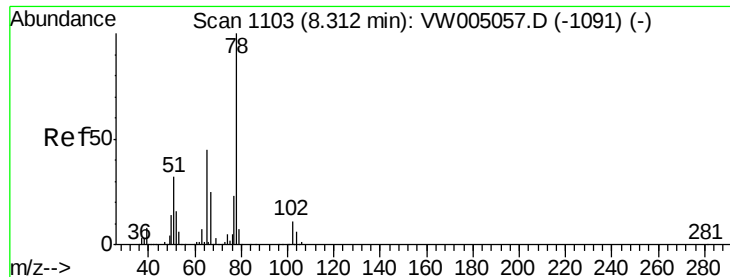
10000

0

4.80 4.90 5.00 5.10

Time-->

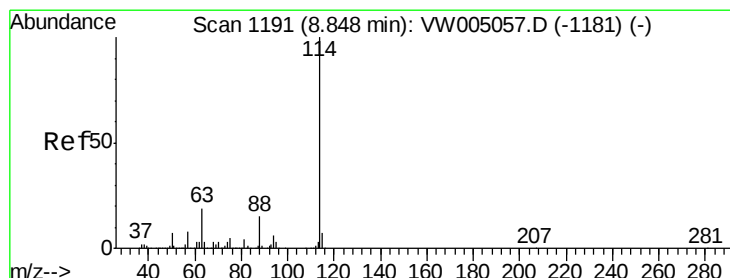
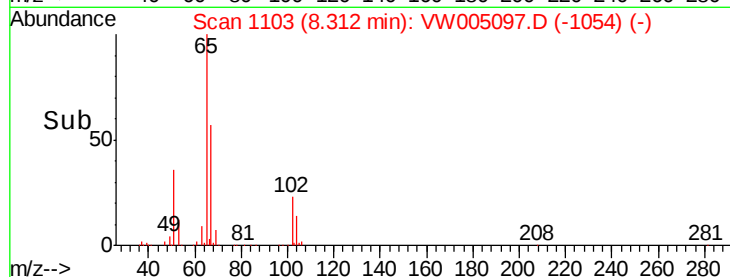
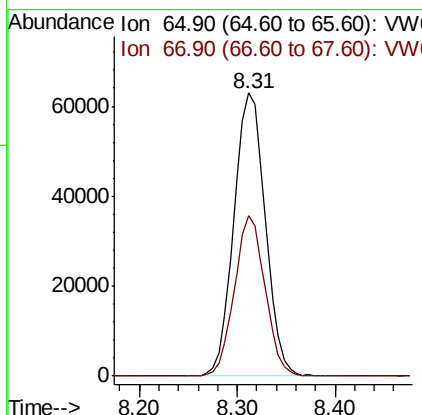
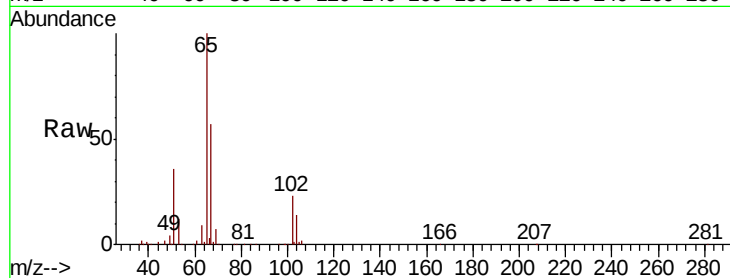




#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

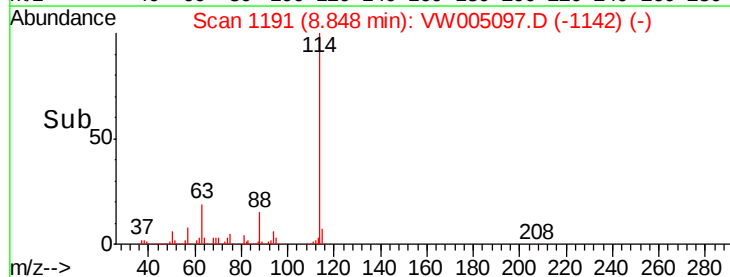
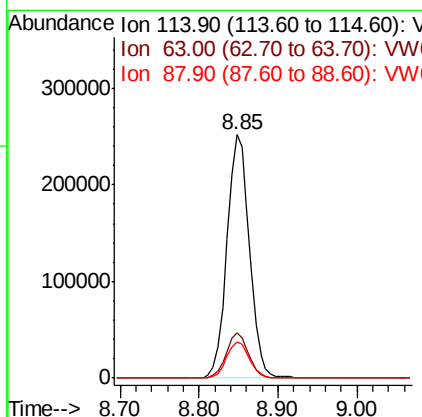
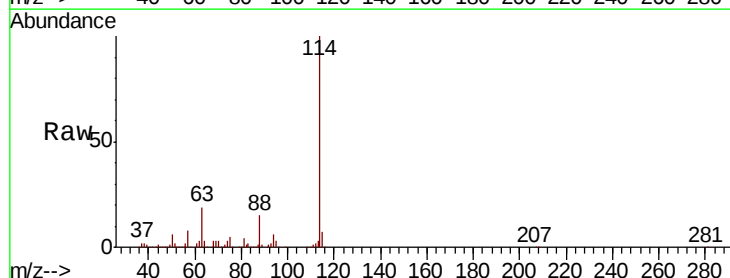
Instrument :
 MSVOA_W
 ClientSampled :
 SB-03

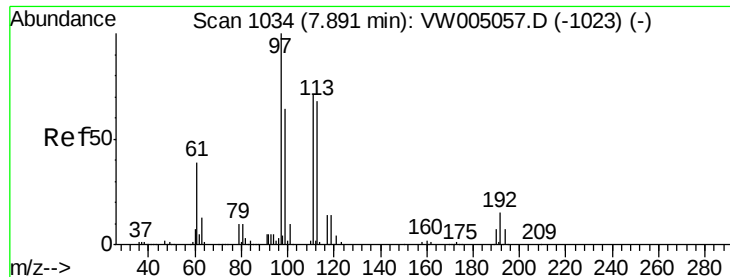
Tot Ion: 65 Resp: 140493
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

Tgt Ion: 114 Resp: 496750
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.8 0.0 30.2

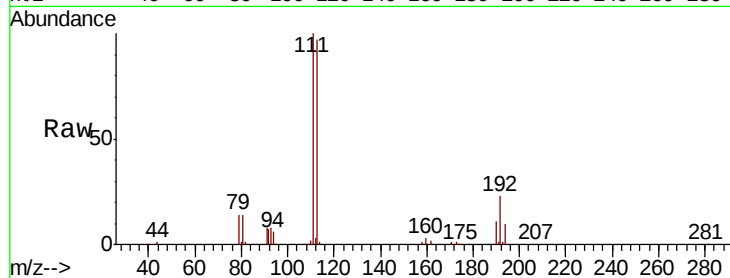




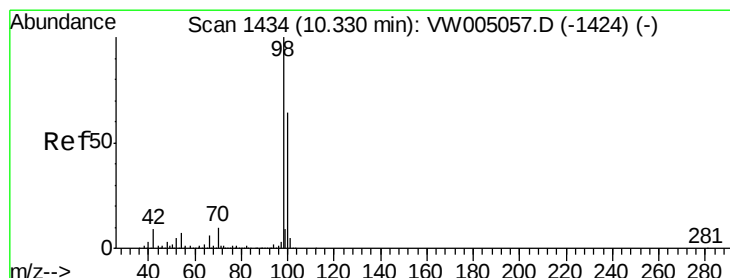
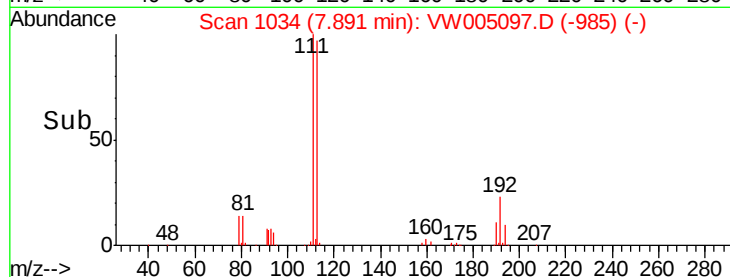
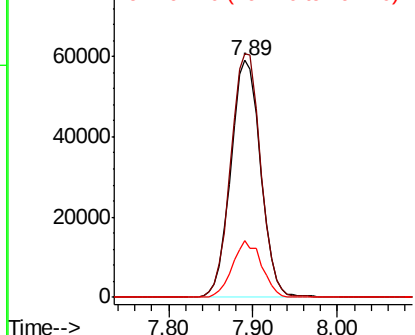
#35
 Dibromofluoromethane
 Concen: 49.16 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

Instrument :
 MSVOA_W
 ClientSampled :
 SB-03

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	23.2	18.1	27.1

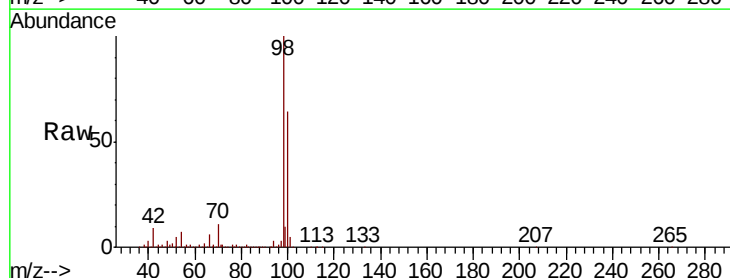


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

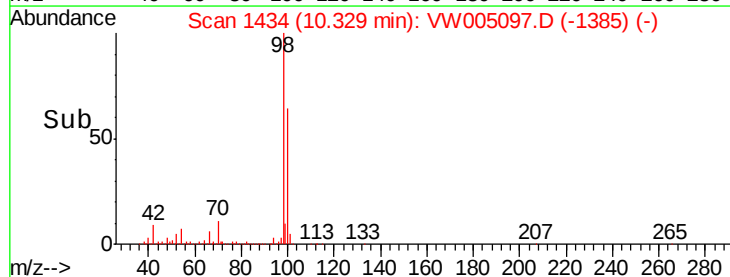
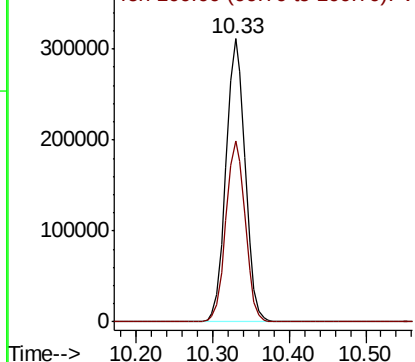


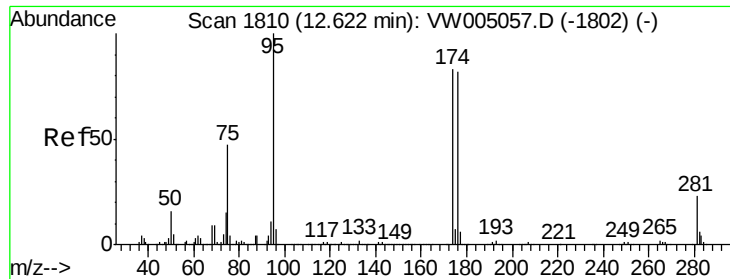
#50
 Toluene-d8
 Concen: 40.86 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005097.D
 Acq: 04 Sep 2018 22:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

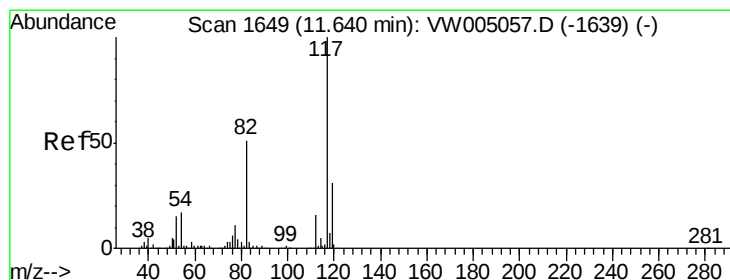
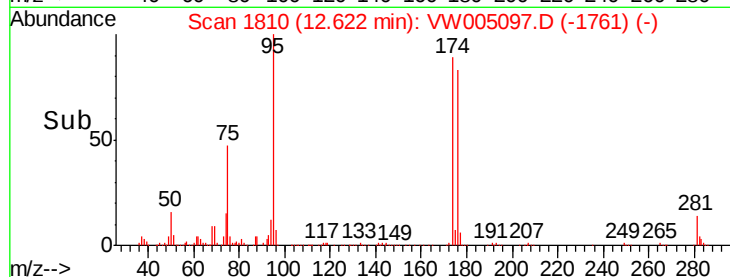
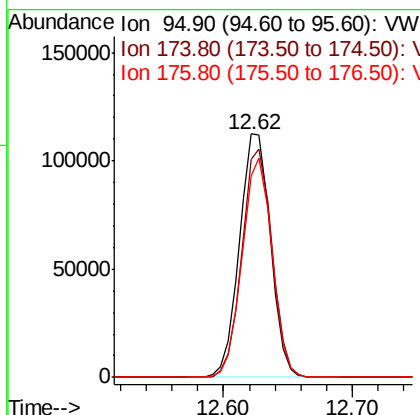
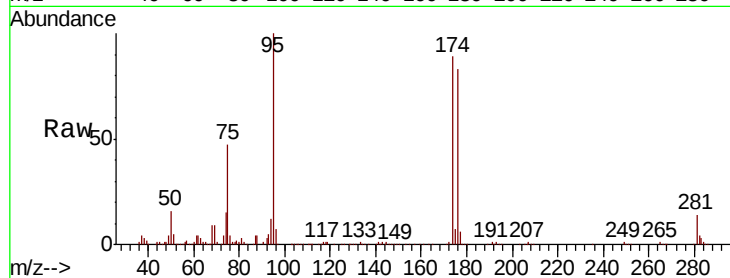




#62
4-Bromofluorobenzene
Concen: 39.93 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

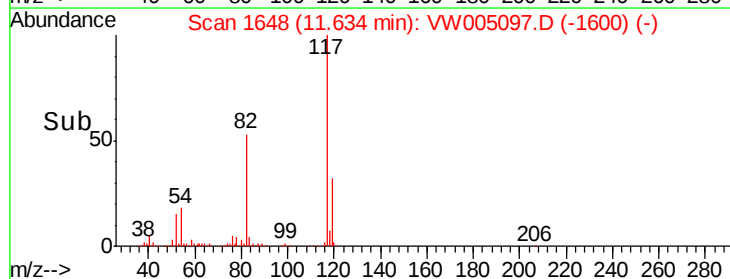
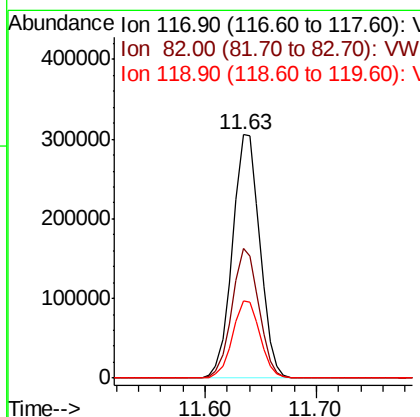
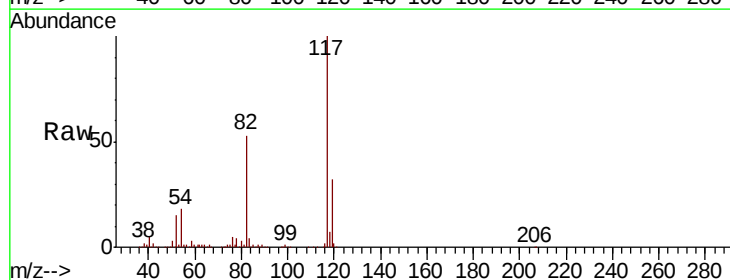
Instrument :
MSVOA_W
ClientSampled :
SB-03

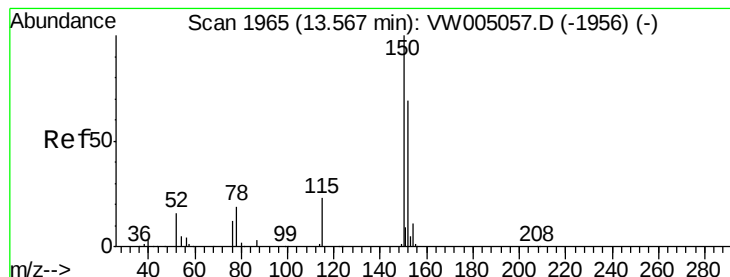
Tot Ion: 95 Resp: 186227
Ion Ratio Lower Upper
95 100
174 91.5 0.0 173.4
176 87.0 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005097.D
Acq: 04 Sep 2018 22:46

Tgt Ion: 117 Resp: 519519
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 31.8 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005097.D

Acq: 04 Sep 2018 22:46

Instrument :

MSVOA_W

ClientSampleId :

SB-03

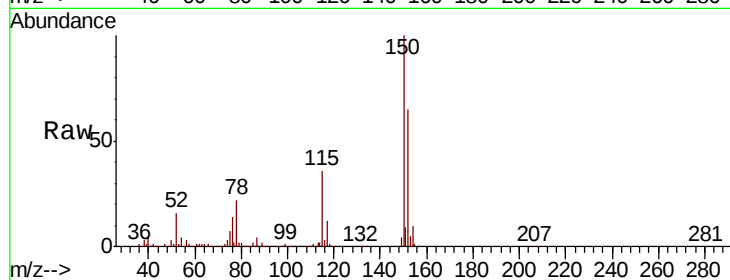
Tot Ion:152 Resp: 269766

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

150 155.3 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

