

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008947.D
 Acq On : 02 Mar 2019 04:12
 Operator : SY/VA
 Sample : K1675-11
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-1-B

Quant Time: Mar 02 06:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

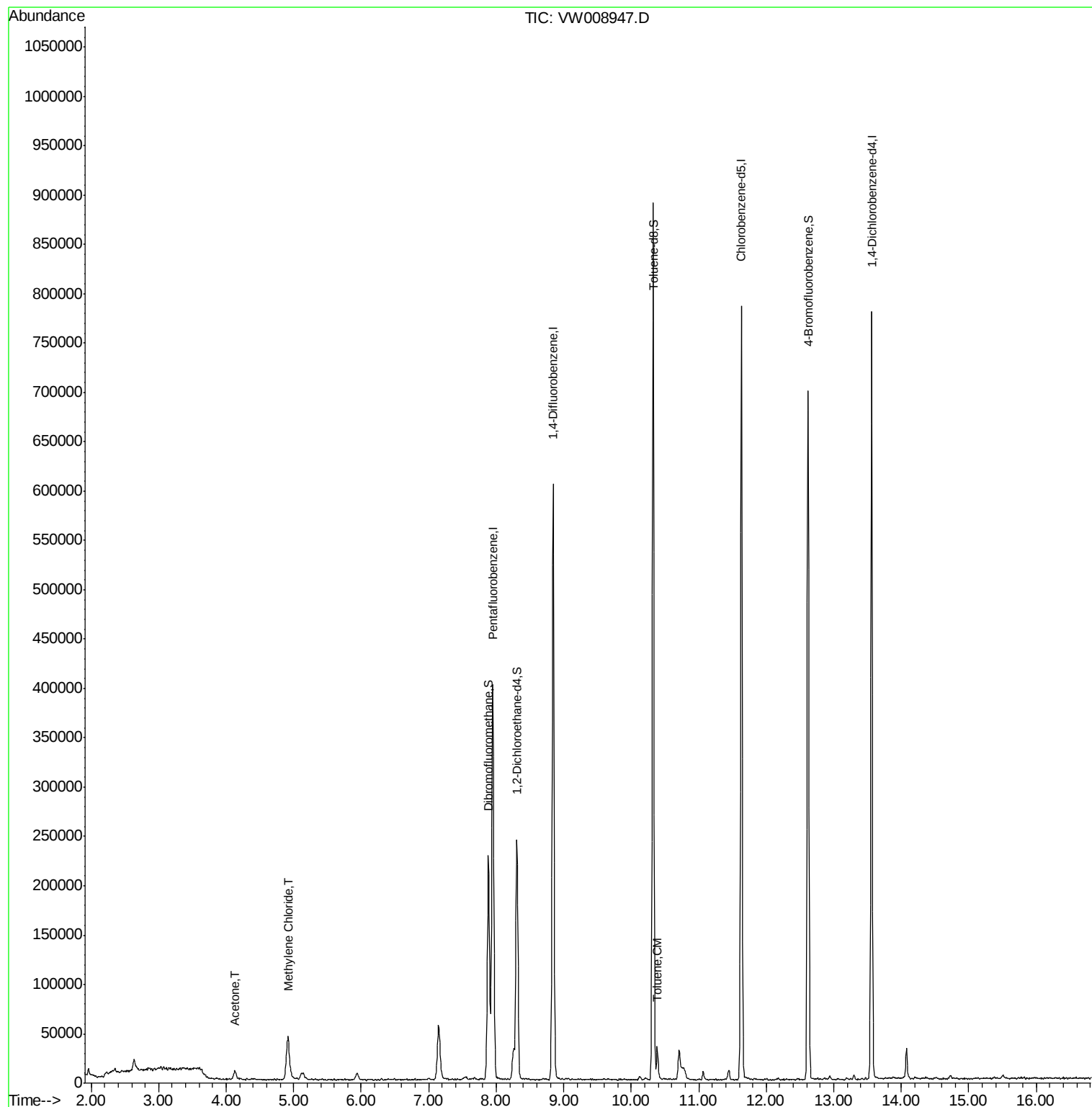
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	427501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	196179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	179430	61.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.98%	
35) Dibromofluoromethane	7.88	113	151646	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.32	98	575060	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	193452	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
16) Acetone	4.13	43	15116	22.350	ug/l	95
20) Methylene Chloride	4.92	84	32999	5.341	ug/l	90
52) Toluene	10.39	92	13909	1.608	ug/l	95

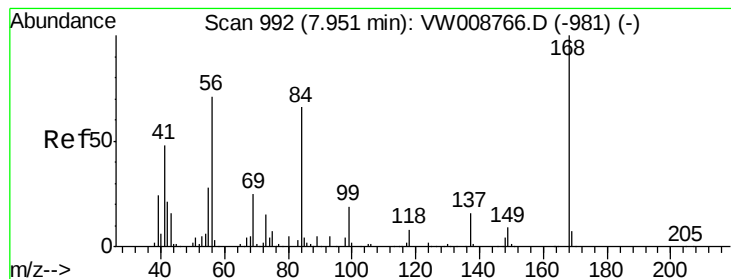
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008947.D

Acq: 02 Mar 2019 04:12

Instrument :

MSVOA_W

ClientSampleId :

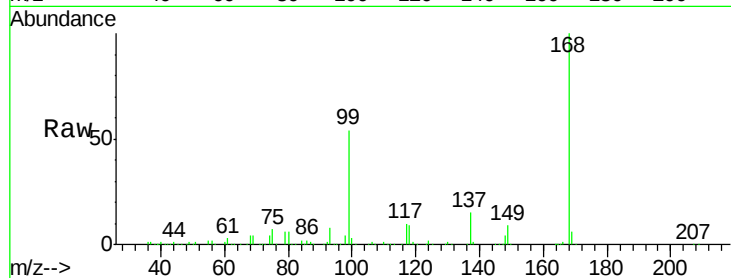
Z-3-1-B

Tot Ion:168 Resp: 311102

Ion Ratio Lower Upper

168 100

99 53.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

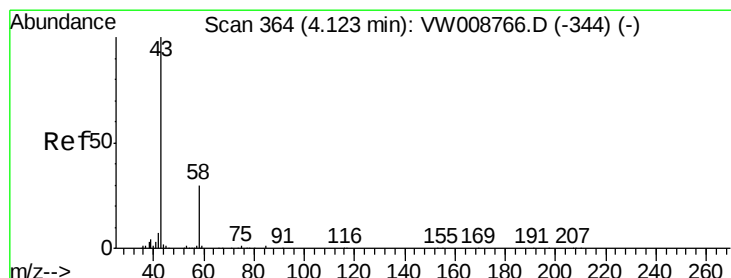
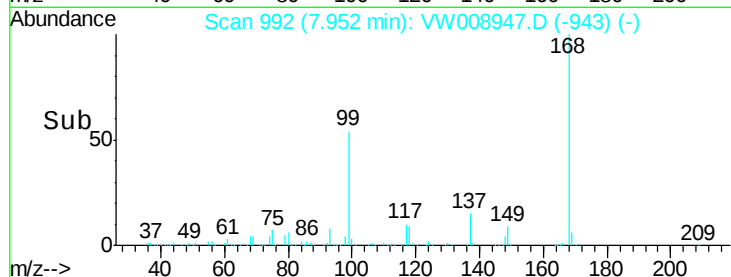
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.350 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008947.D

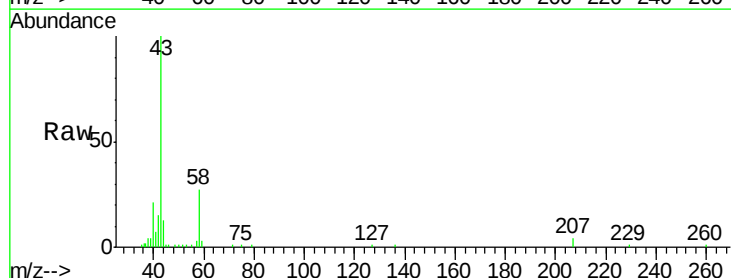
Acq: 02 Mar 2019 04:12

Tgt Ion: 43 Resp: 15116

Ion Ratio Lower Upper

43 100

58 27.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

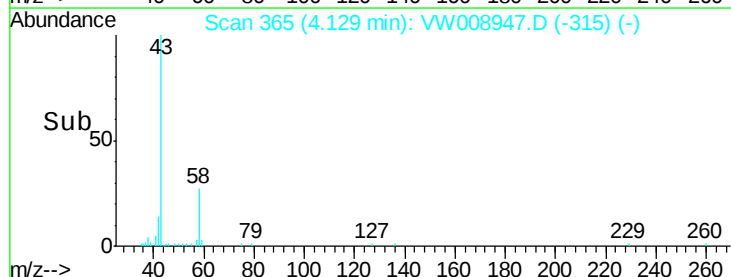
6000

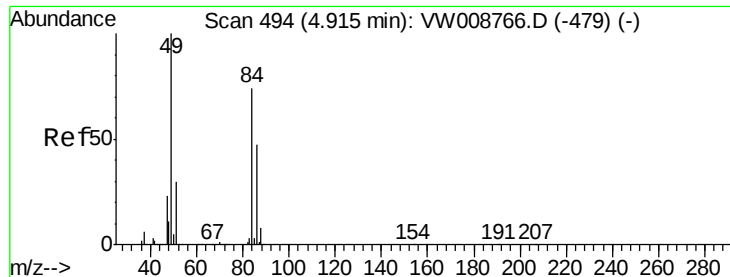
4000

2000

0

Time-->

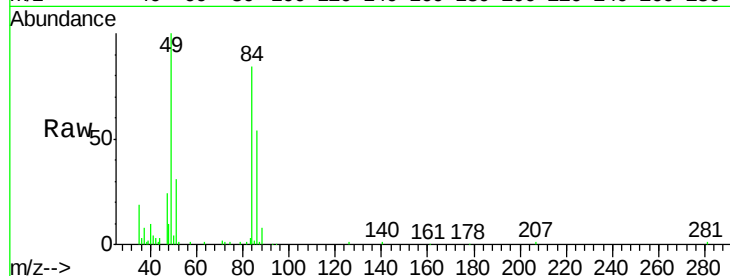




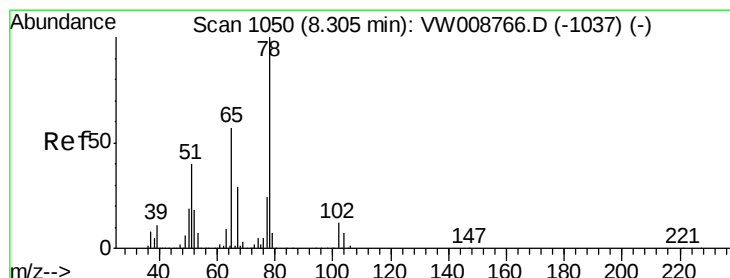
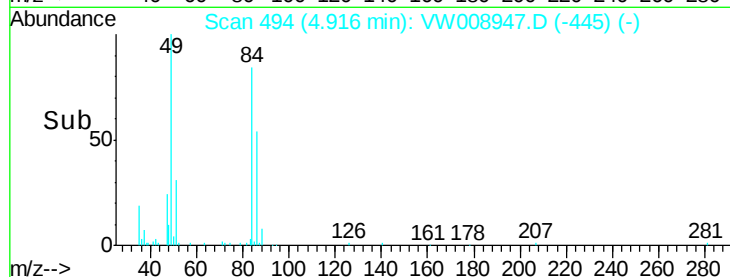
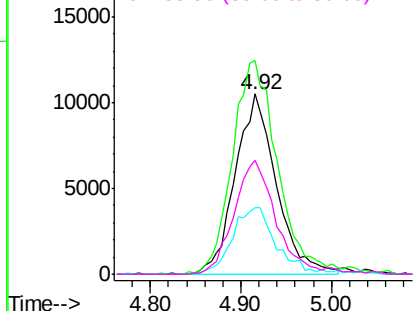
#20
Methvlene Chloride
Concen: 5.341 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008947.D
Acq: 02 Mar 2019 04:12

Instrument :
MSVOA_W
ClientSampled :
Z-3-1-B

Tot Ion: 84 Resp: 32999
Ion Ratio Lower Upper
84 100
49 117.0 108.2 162.2
51 37.1 32.7 49.1
86 63.5 50.3 75.5

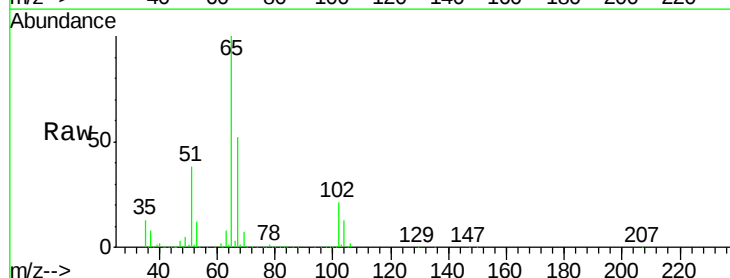


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

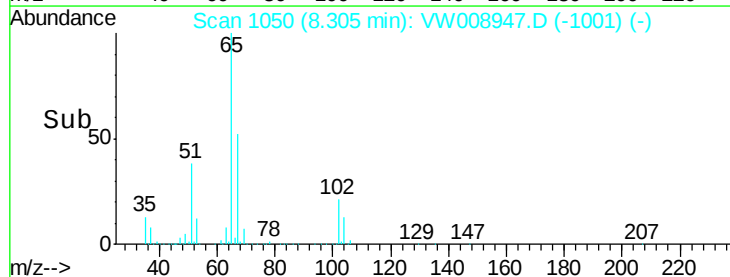
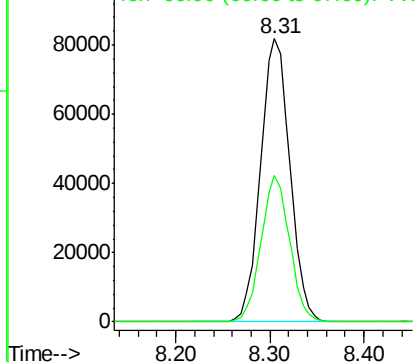


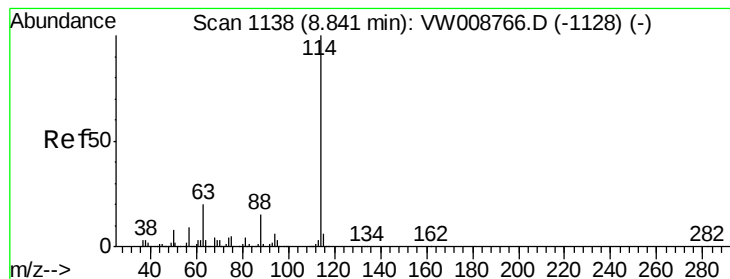
#33
1,2-Dichloroethane-d4
Concen: 61.494 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008947.D
Acq: 02 Mar 2019 04:12

Tgt Ion: 65 Resp: 179430
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008947.D

Acq: 02 Mar 2019 04:12

Instrument :

MSVOA_W

ClientSampleId :

Z-3-1-B

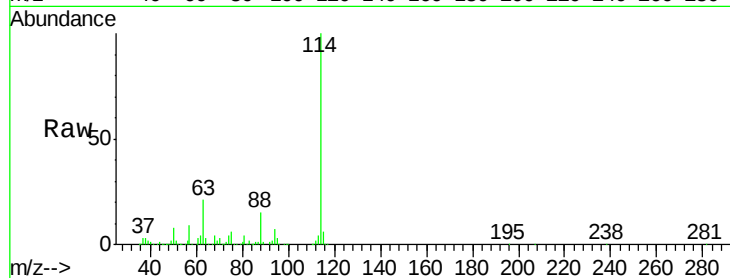
Tot Ion:114 Resp: 479583

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

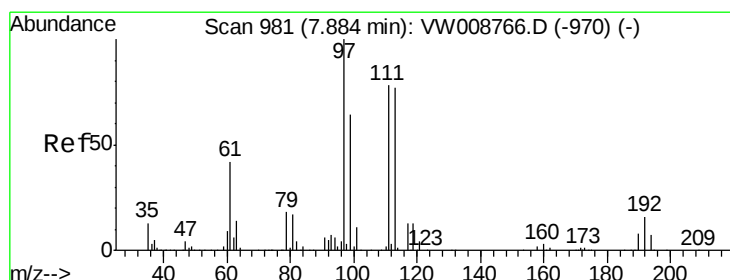
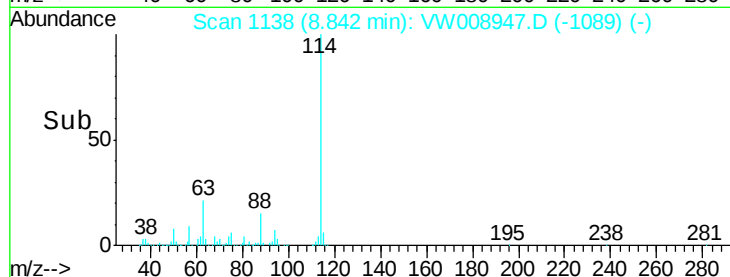
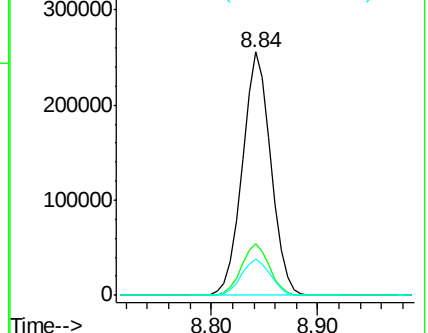
88 15.0 0.0 30.4



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: 52.665 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008947.D

Acq: 02 Mar 2019 04:12

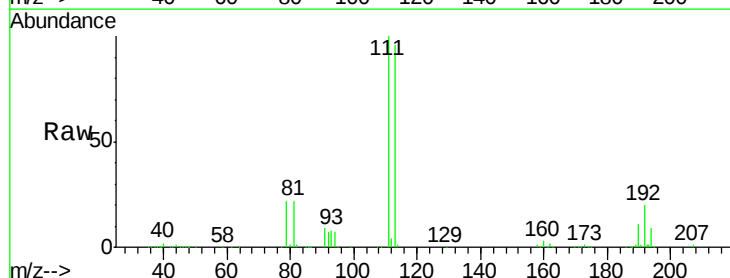
Tgt Ion:113 Resp: 151646

Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

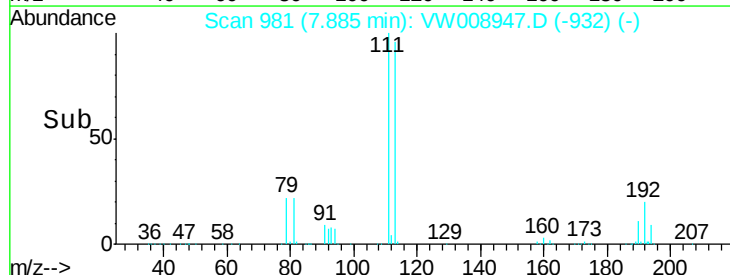
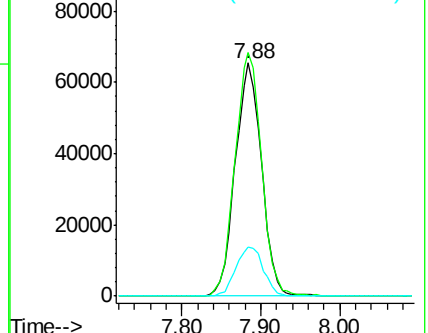
192 22.1 17.1 25.7

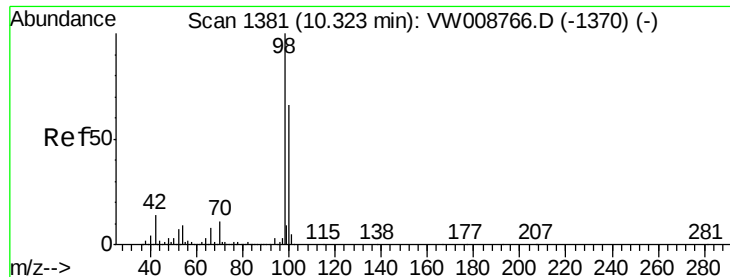


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.734 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008947.D

Acq: 02 Mar 2019 04:12

Instrument :

MSVOA_W

ClientSampleId :

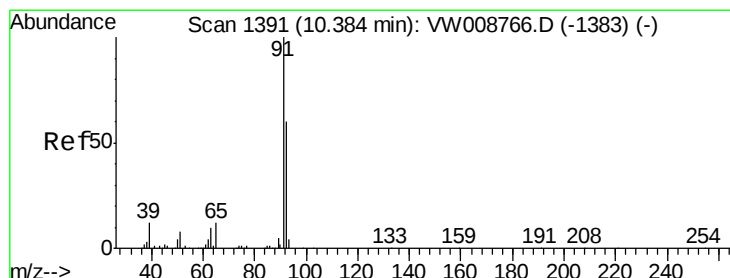
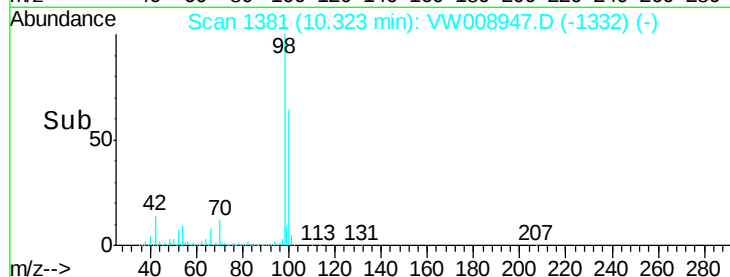
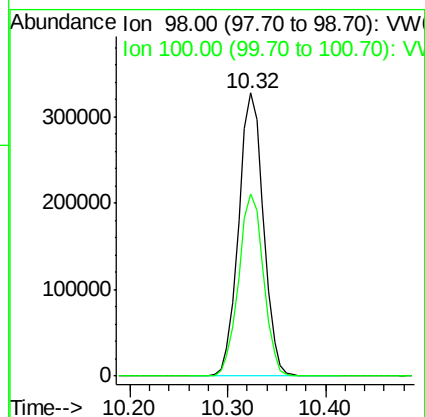
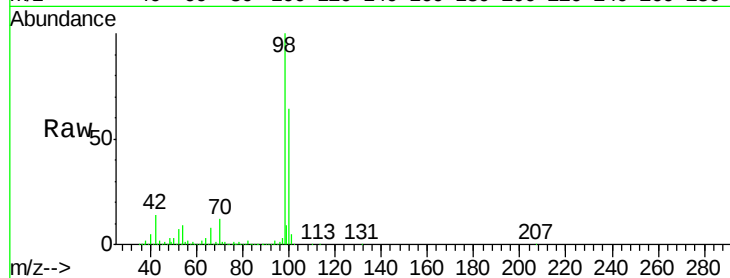
Z-3-1-B

Tot Ion: 98 Resp: 575060

Ion Ratio Lower Upper

98 100

100 64.5 52.4 78.6



#52

Toluene

Concen: 1.608 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008947.D

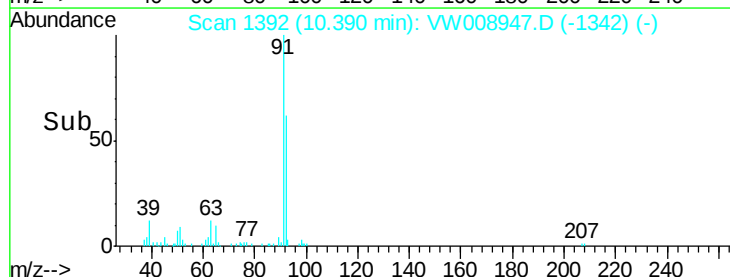
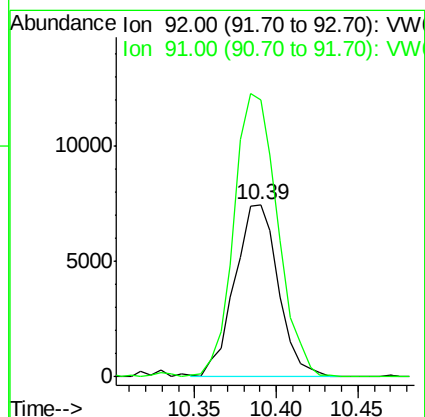
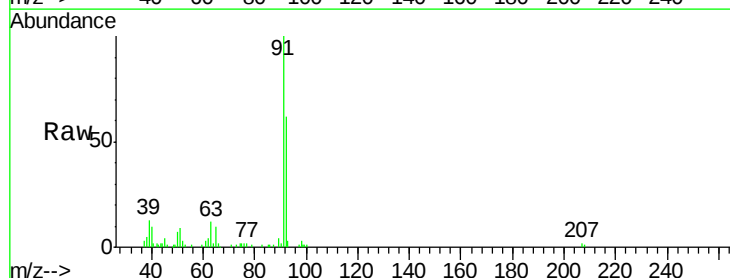
Acq: 02 Mar 2019 04:12

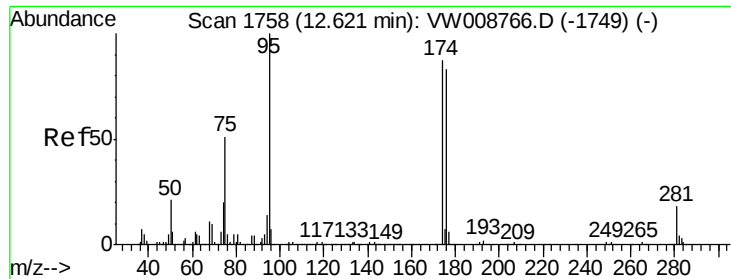
Tgt Ion: 92 Resp: 13909

Ion Ratio Lower Upper

92 100

91 164.3 136.9 205.3

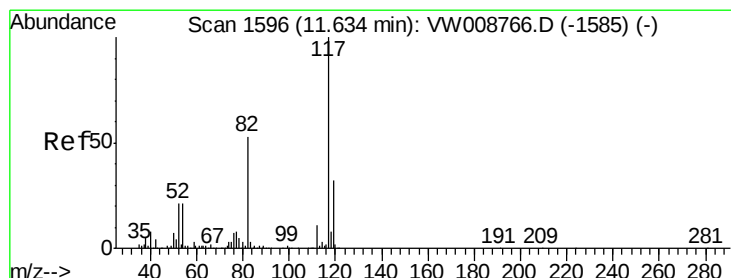
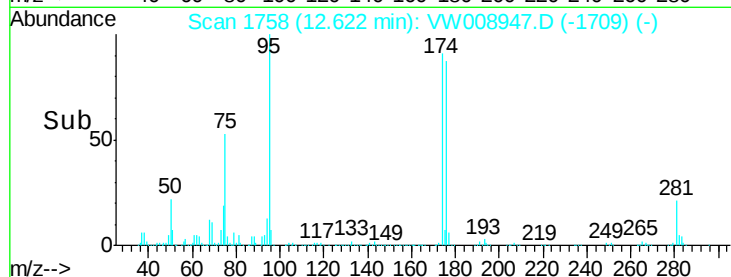
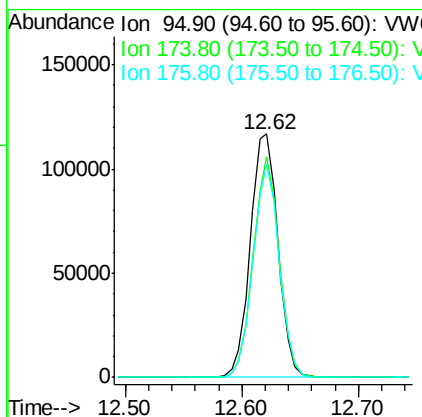
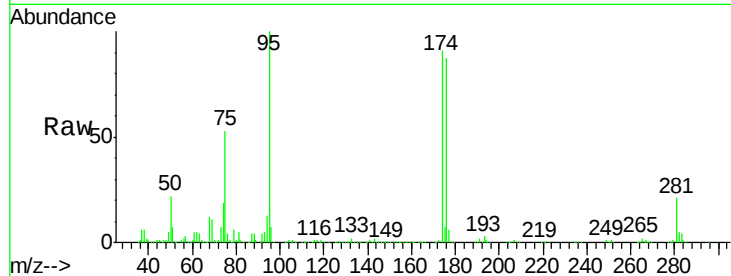




#62
4-Bromofluorobenzene
Concen: 44.449 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008947.D
Acq: 02 Mar 2019 04:12

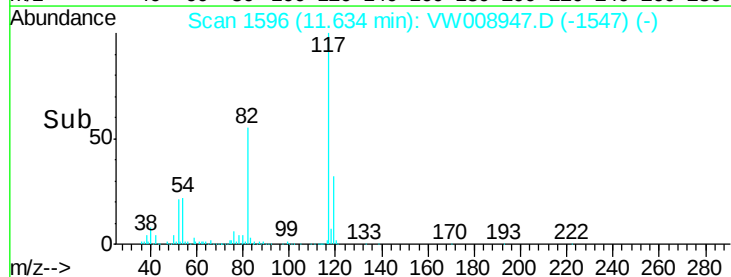
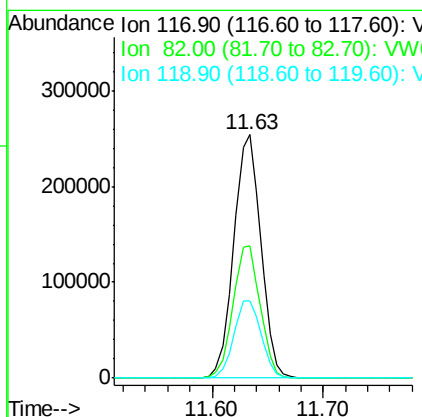
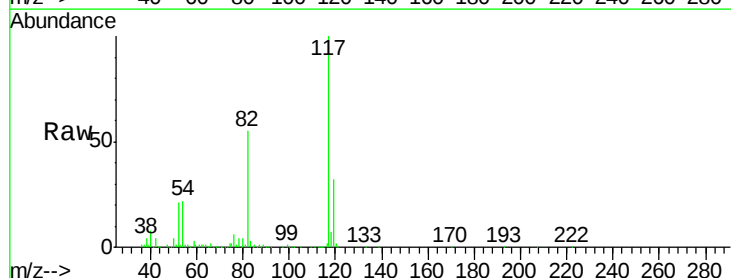
Instrument :
MSVOA_W
ClientSampleId :
Z-3-1-B

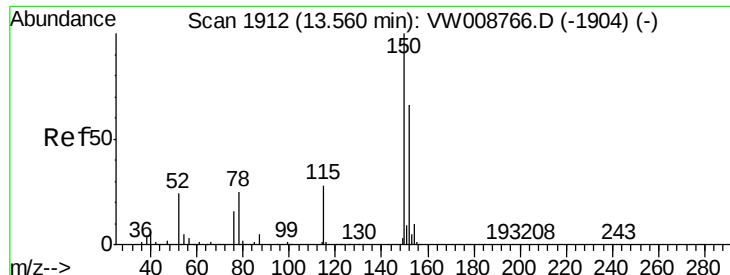
Tot Ion: 95 Resp: 193452
Ion Ratio Lower Upper
95 100
174 85.9 0.0 169.2
176 83.0 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008947.D
Acq: 02 Mar 2019 04:12

Tgt Ion: 117 Resp: 427501
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008947.D

Acq: 02 Mar 2019 04:12

Instrument :

MSVOA_W

ClientSampleId :

Z-3-1-B

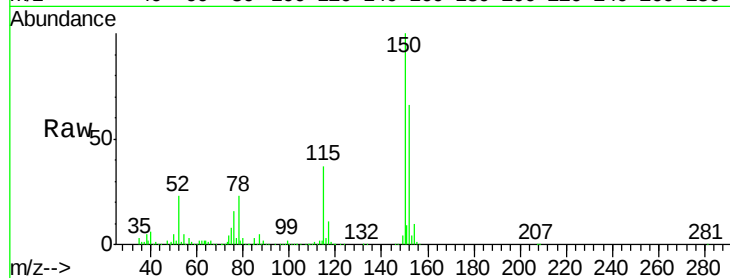
Tot Ion:152 Resp: 196179

Ion Ratio Lower Upper

152 100

115 57.0 28.6 85.8

150 155.6 0.0 348.0



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

