

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009697.D
 Acq On : 04 Apr 2019 15:33
 Operator : SY/VA
 Sample : K2221-05
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S10B(10)

Quant Time: Apr 05 08:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

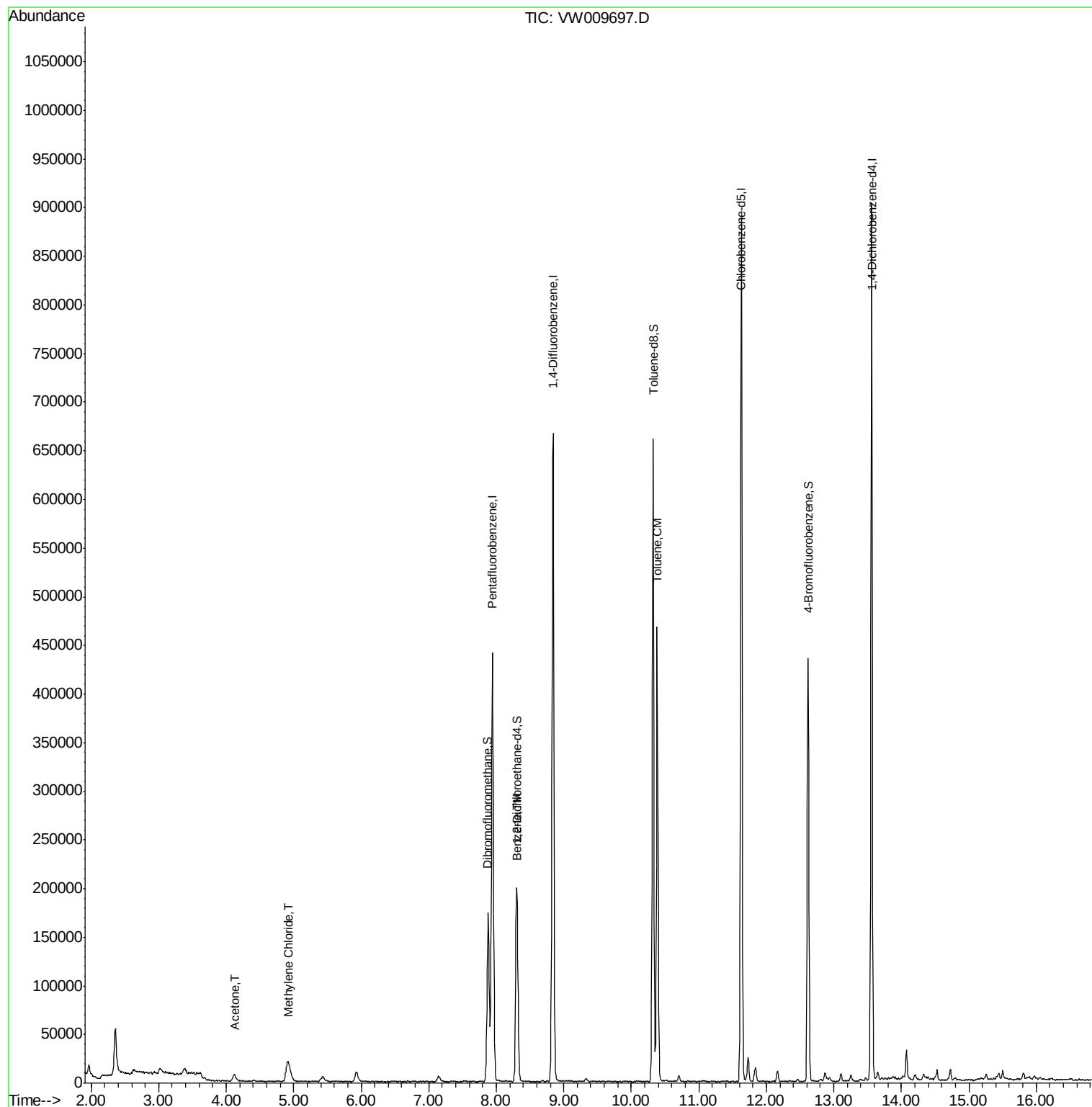
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	204960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145523	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
35) Dibromofluoromethane	7.88	113	118529	36.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.30%	
50) Toluene-d8	10.32	98	404606	33.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.70%	
62) 4-Bromofluorobenzene	12.62	95	129503	29.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.08%	
Target Compounds						
16) Acetone	4.13	43	13272	17.151	ug/l	91
20) Methylene Chloride	4.92	84	20229	3.019	ug/l #	86
40) Benzene	8.32	78	25639	1.777	ug/l	95
52) Toluene	10.38	92	188947	20.916	ug/l	96

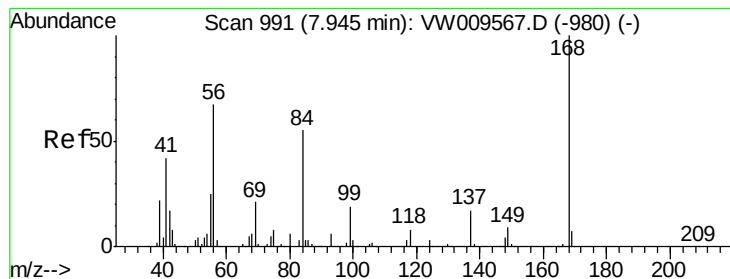
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040419\
Data File : VW009697.D
Acq On : 04 Apr 2019 15:33
Operator : SY/VA
Sample : K2221-05
Misc : 5.22G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S10B(10)

Quant Time: Apr 05 08:27:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009697.D

Acq: 04 Apr 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

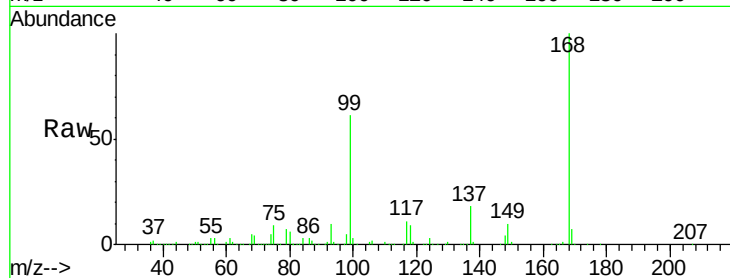
S10B(10)

Tot Ion:168 Resp: 300971

Ion Ratio Lower Upper

168 100

99 61.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

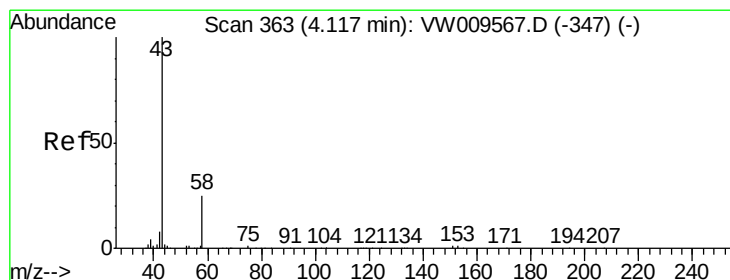
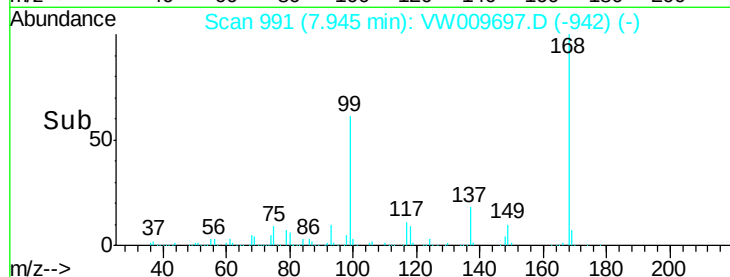
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.151 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009697.D

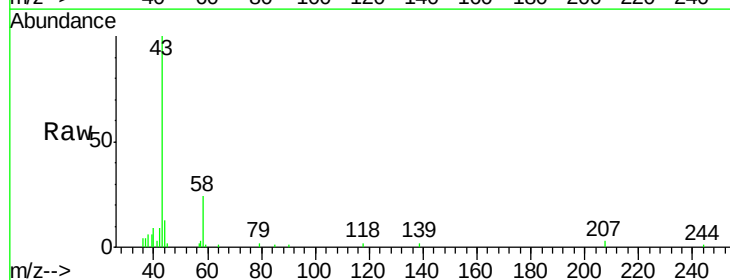
Acq: 04 Apr 2019 15:33

Tgt Ion: 43 Resp: 13272

Ion Ratio Lower Upper

43 100

58 24.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

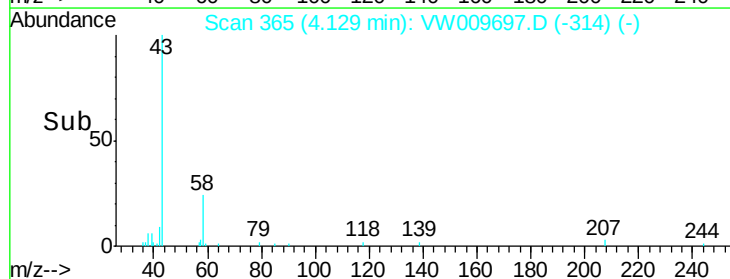
3000

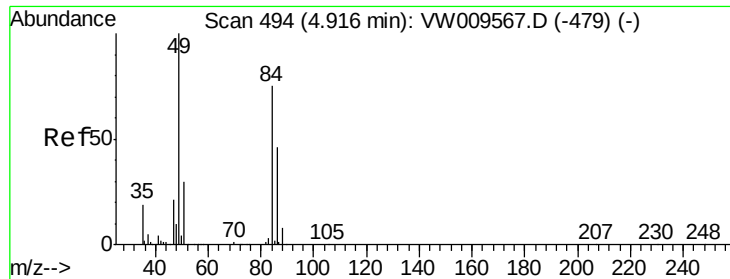
2000

1000

0

Time-->

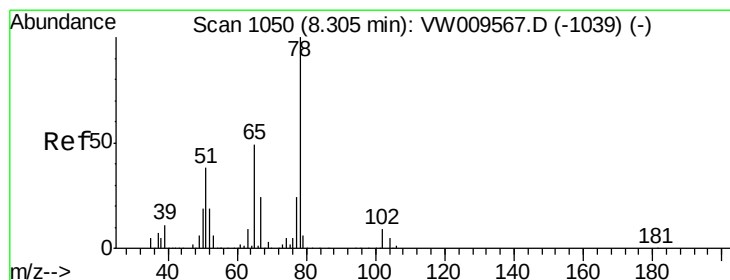
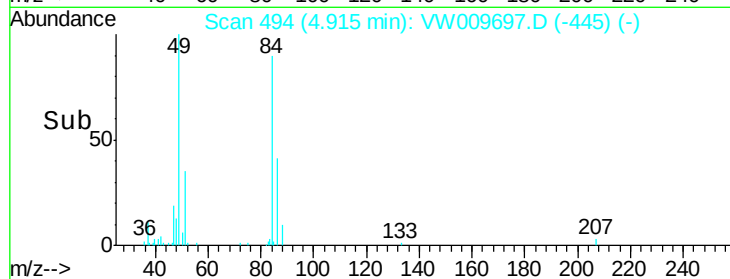
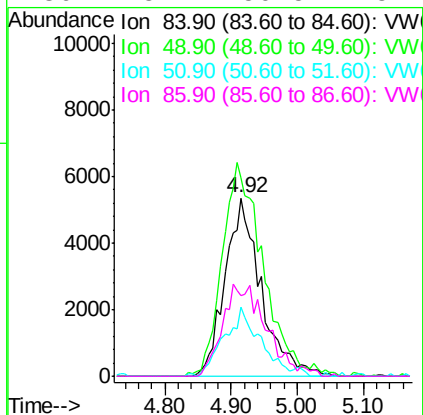
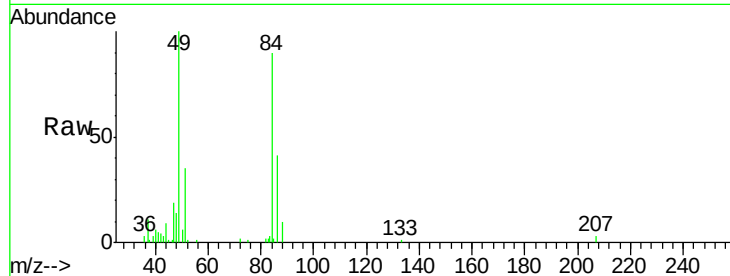




#20
Methylene Chloride
Concen: 3.019 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009697.D
Acq: 04 Apr 2019 15:33

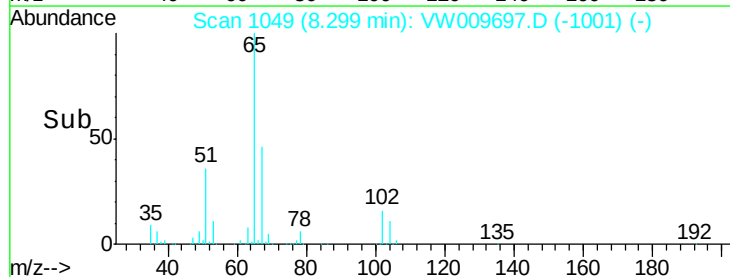
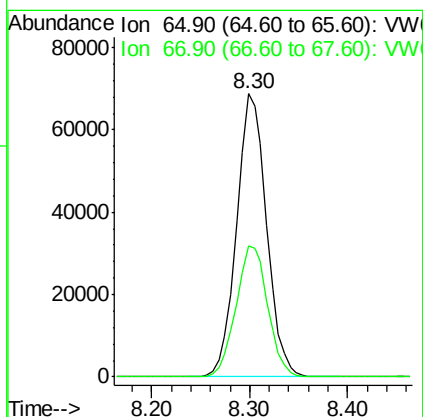
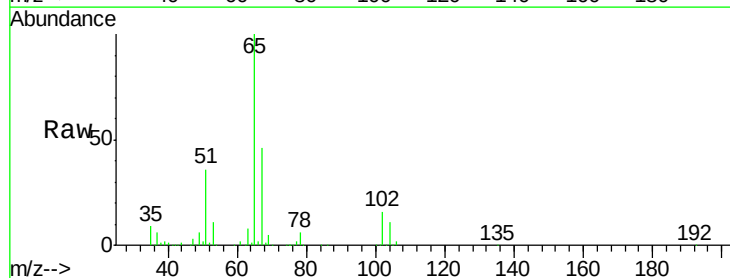
Instrument :
MSVOA_W
ClientSampled :
S10B(10)

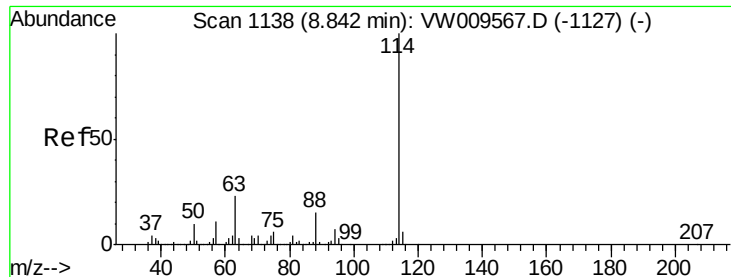
Tot Ion: 84 Resp: 20229
Ion Ratio Lower Upper
84 100
49 110.3 99.1 148.7
51 39.0 28.7 43.1
86 45.2 50.5 75.7#



#33
1,2-Dichloroethane-d4
Concen: 42.282 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW009697.D
Acq: 04 Apr 2019 15:33

Tgt Ion: 65 Resp: 145523
Ion Ratio Lower Upper
65 100
67 49.1 0.0 102.4

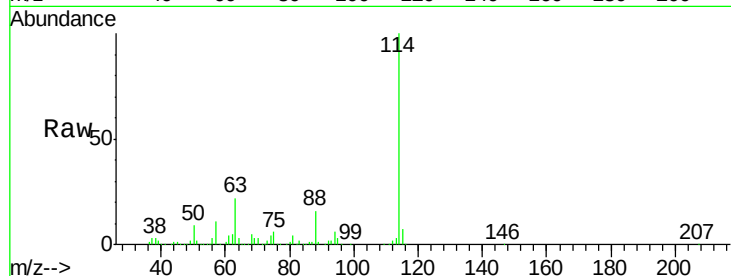




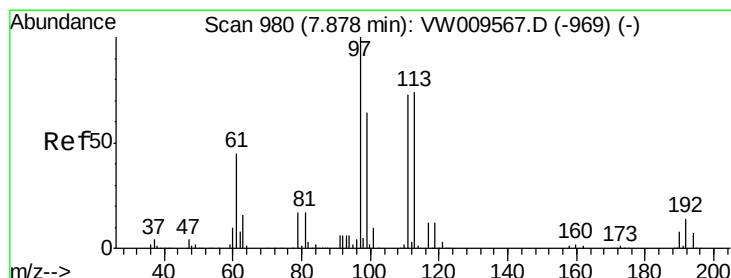
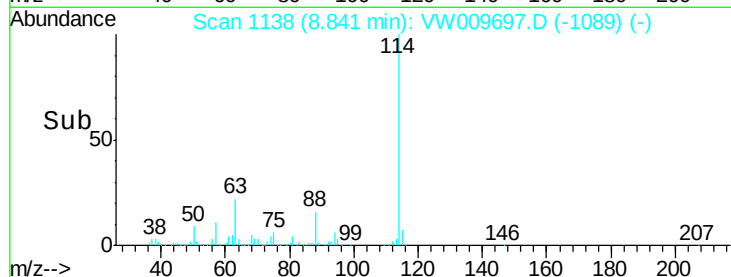
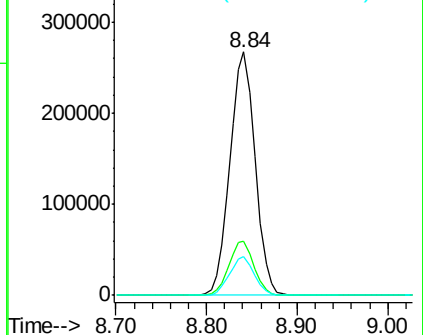
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009697.D
 Acq: 04 Apr 2019 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 S10B(10)

Tot Ion:114 Resp: 514878
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.2
 88 15.8 0.0 30.8

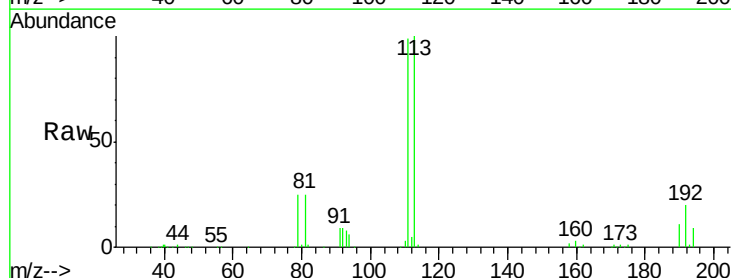


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

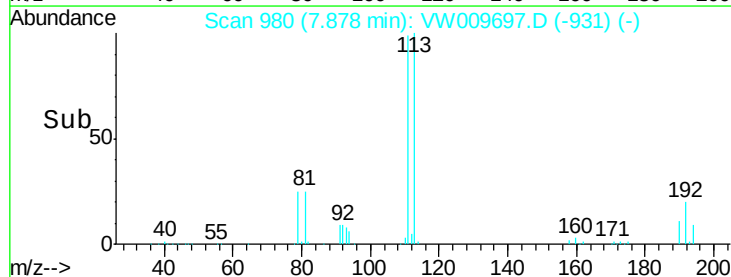
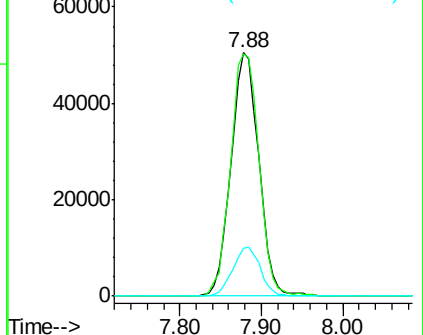


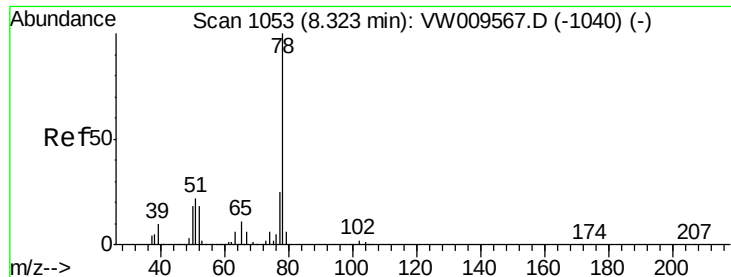
#35
 Dibromofluoromethane
 Concen: 36.653 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW009697.D
 Acq: 04 Apr 2019 15:33

Tgt Ion:113 Resp: 118529
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 124.0
 192 19.7 16.4 24.6



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: 1.777 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW009697.D

Acq: 04 Apr 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

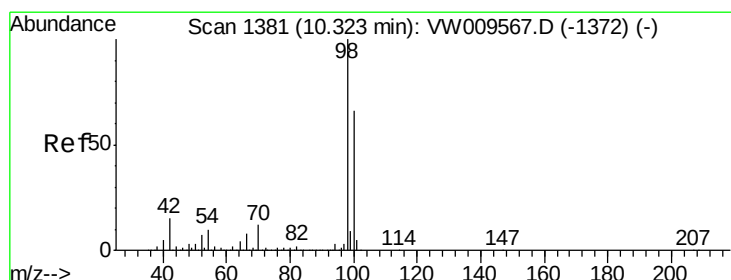
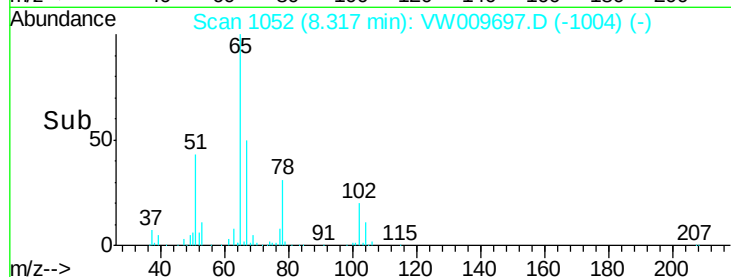
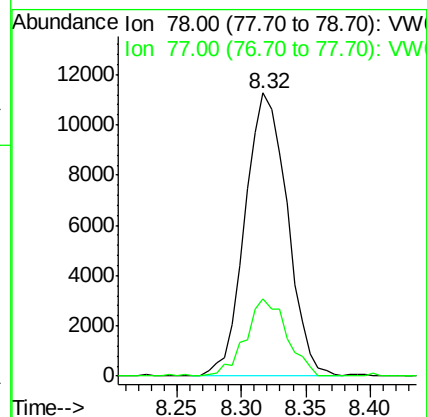
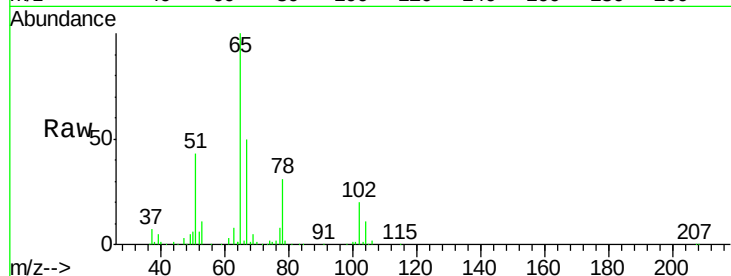
S10B(10)

Tot Ion: 78 Resp: 25639

Ion Ratio Lower Upper

78 100

77 27.2 19.8 29.6



#50

Toluene-d8

Concen: 33.851 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009697.D

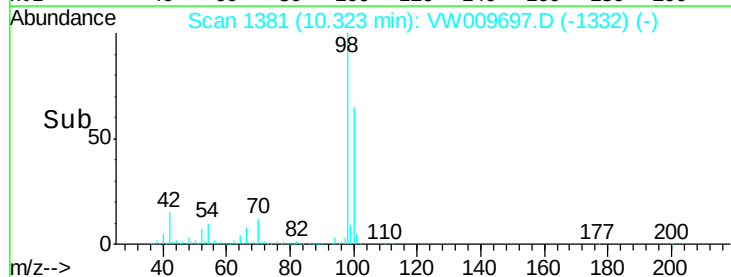
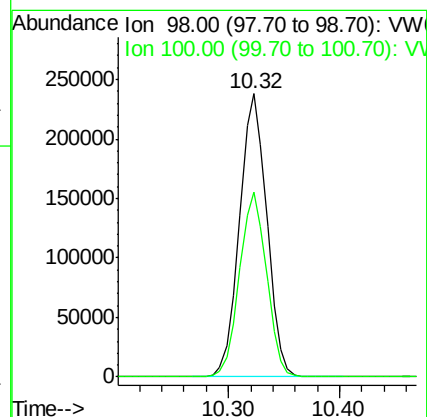
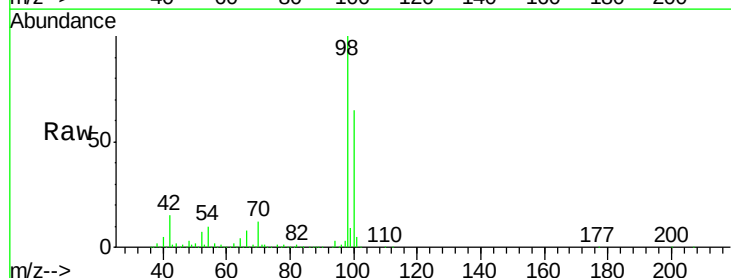
Acq: 04 Apr 2019 15:33

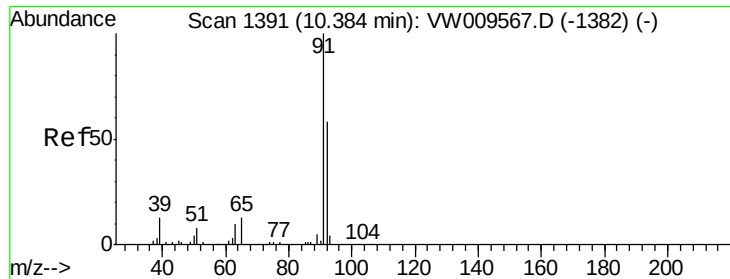
Tgt Ion: 98 Resp: 404606

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0





#52

Toluene

Concen: 20.916 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009697.D

Acq: 04 Apr 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

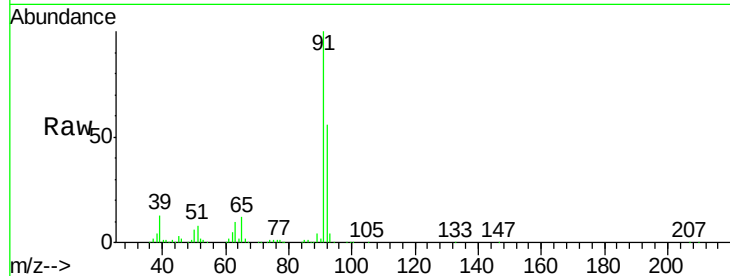
S10B(10)

Tot Ion: 92 Resp: 188947

Ion Ratio Lower Upper

92 100

91 169.9 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

150000

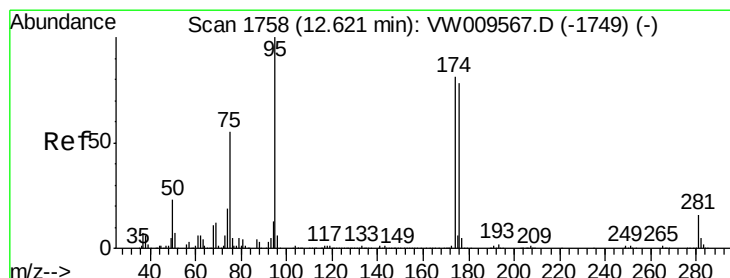
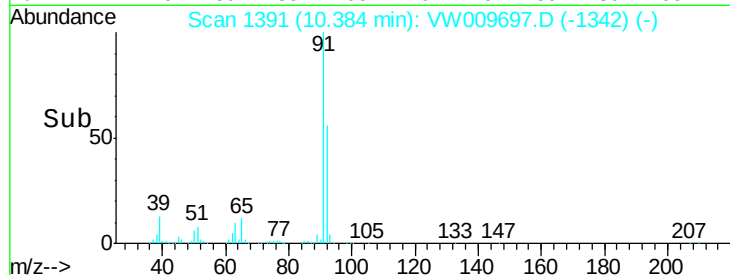
100000

50000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 29.043 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009697.D

Acq: 04 Apr 2019 15:33

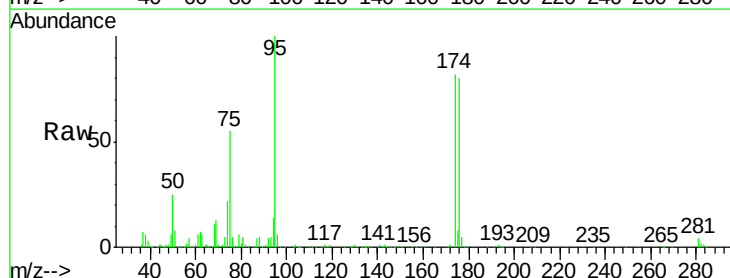
Tgt Ion: 95 Resp: 129503

Ion Ratio Lower Upper

95 100

174 79.9 0.0 168.4

176 76.7 0.0 161.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

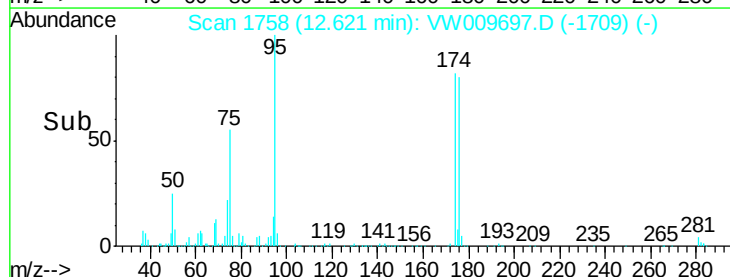
40000

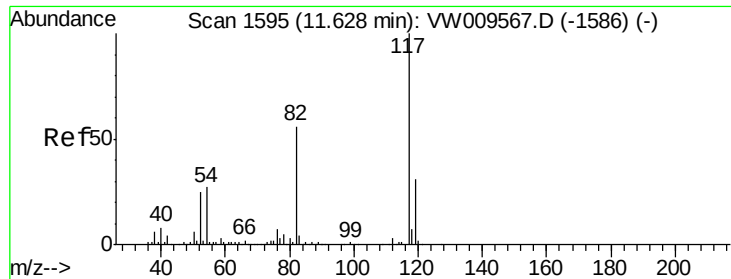
20000

0

12.55 12.60 12.65 12.70

Time-->

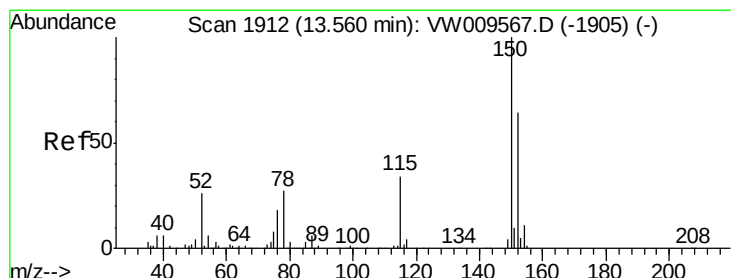
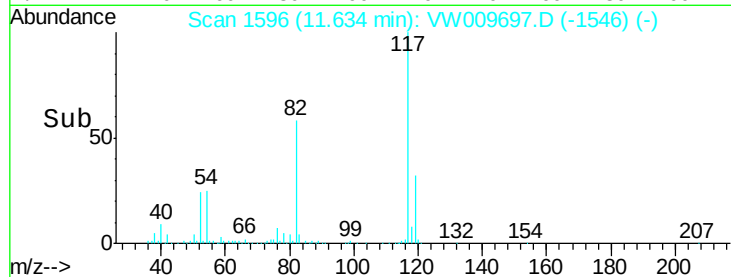
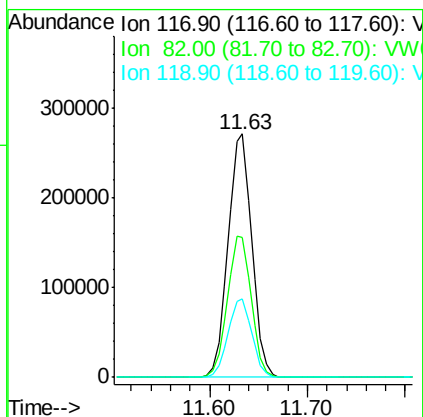
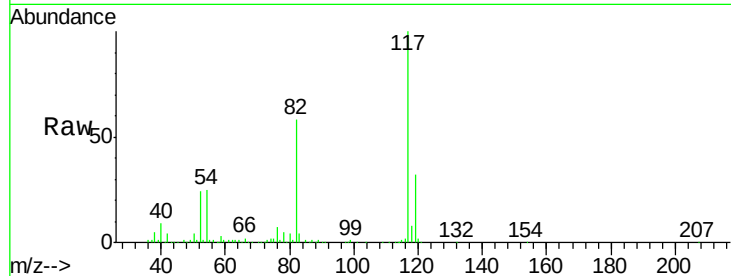




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009697.D
Acq: 04 Apr 2019 15:33

Instrument :
MSVOA_W
ClientSampleId :
S10B(10)

Tot Ion:117 Resp: 456701
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009697.D
Acq: 04 Apr 2019 15:33

Tgt Ion:152 Resp: 204960
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 158.6 0.0 349.2

