

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006277.D
 Acq On : 23 Oct 2018 04:29
 Operator : VA/AP
 Sample : J5626-01
 Misc : 2.50G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01B

Quant Time: Oct 23 06:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

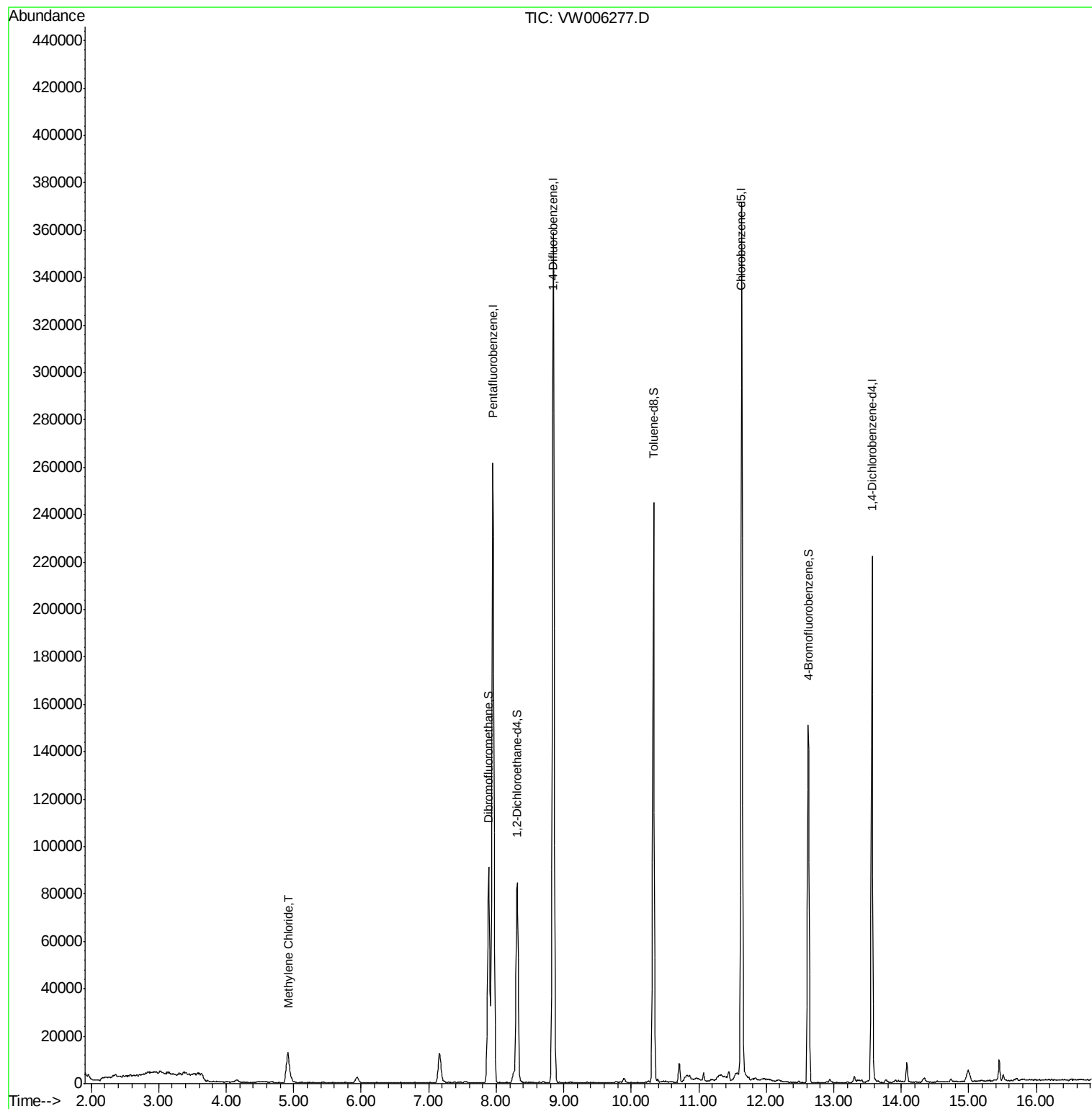
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66902	38.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.88%	
35) Dibromofluoromethane	7.89	113	63514	33.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.66%	
50) Toluene-d8	10.33	98	167547	23.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.22%	
62) 4-Bromofluorobenzene	12.62	95	43075	15.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.64%	
Target Compounds						
20) Methylene Chloride	4.91	84	10800	4.379	ug/l	Qvalue 98

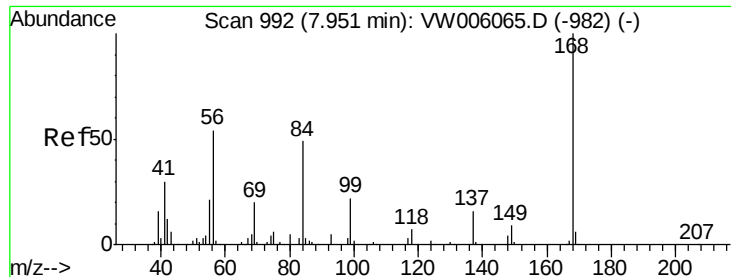
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006277.D

Acq: 23 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

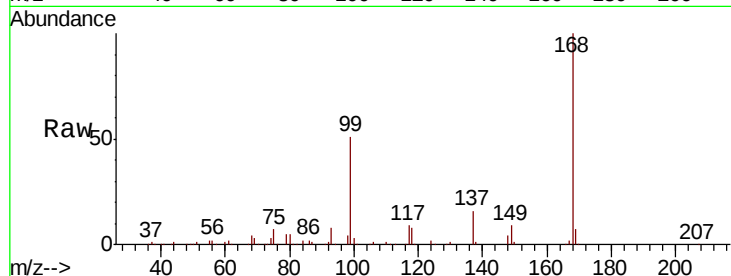
PA-SB-01B

Tot Ion:168 Resp: 209936

Ion Ratio Lower Upper

168 100

99 50.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

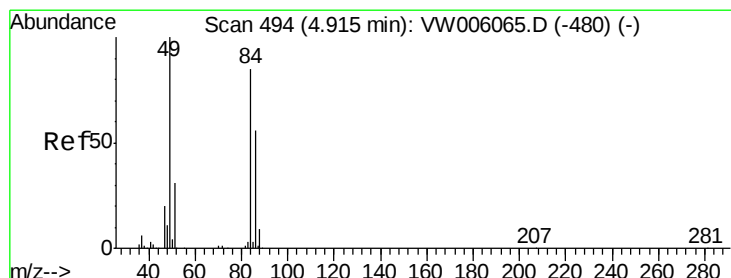
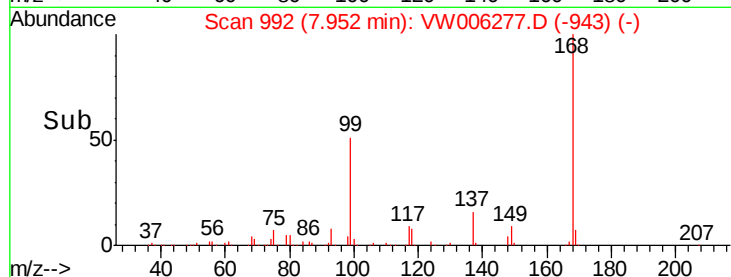
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 4.379 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006277.D

Acq: 23 Oct 2018 04:29

Tgt Ion: 84 Resp: 10800

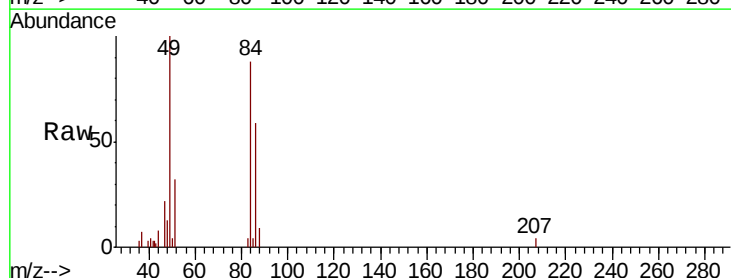
Ion Ratio Lower Upper

84 100

49 113.5 93.6 140.4

51 36.7 29.0 43.4

86 67.5 52.6 79.0



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

5000

4000

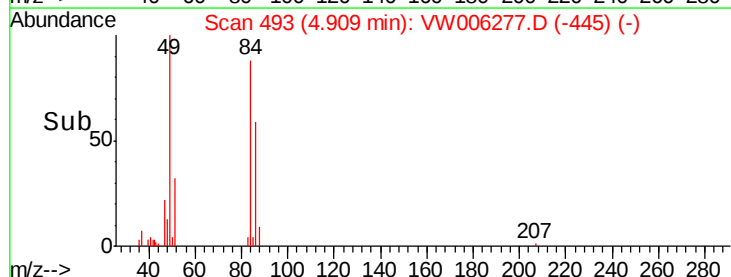
3000

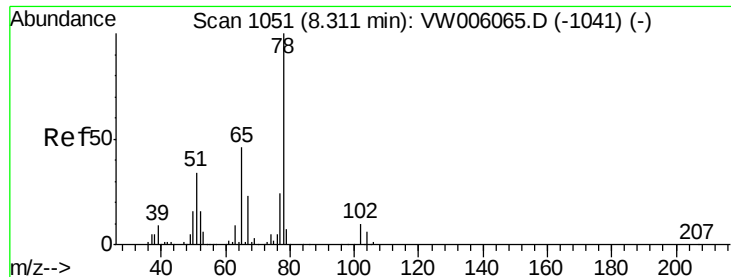
2000

1000

0

Time--> 4.80 4.90 5.00

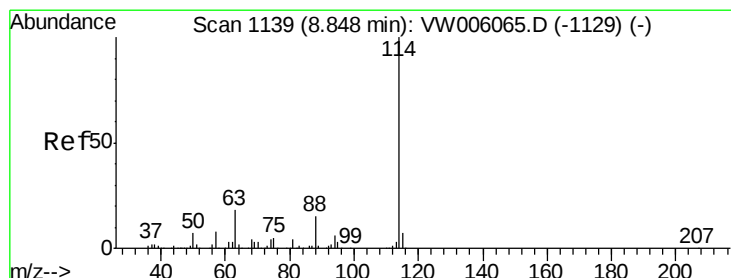
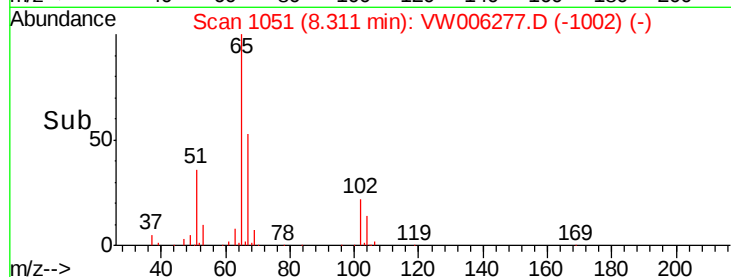
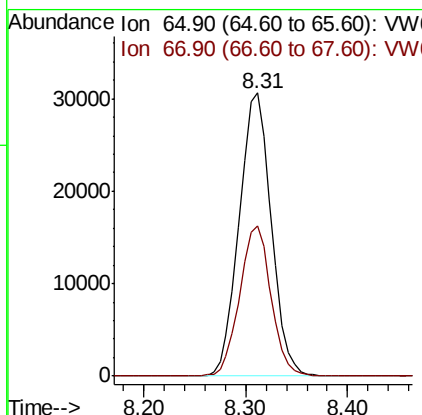
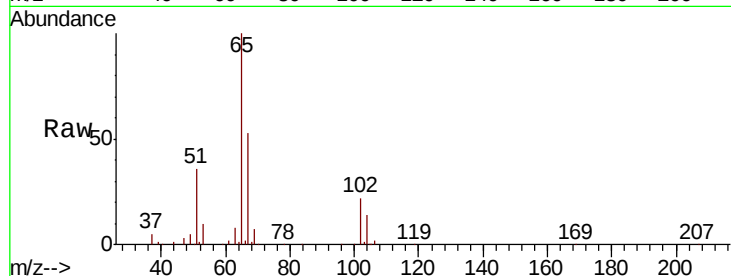




#33
 1,2-Dichloroethane-d4
 Concen: 38.439 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006277.D
 Acq: 23 Oct 2018 04:29

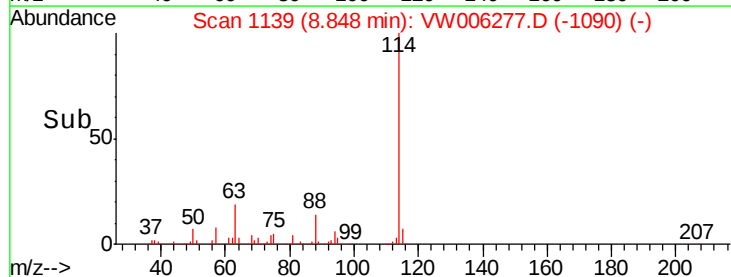
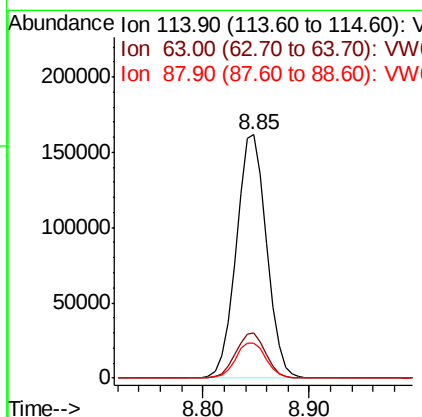
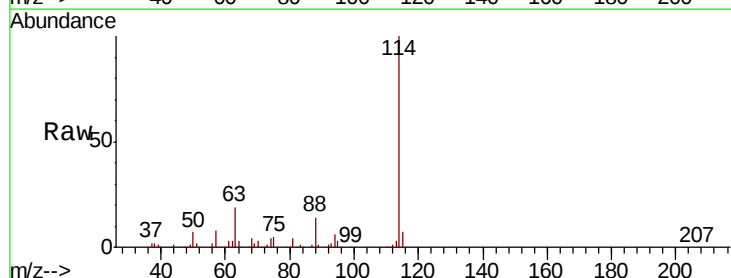
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01B

Tot Ion: 65 Resp: 66902
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006277.D
 Acq: 23 Oct 2018 04:29

Tgt Ion: 114 Resp: 322519
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 14.2 0.0 29.0

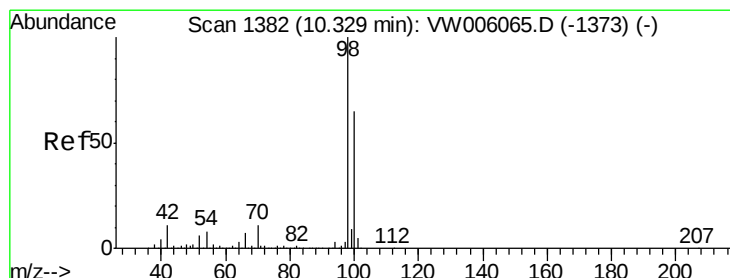
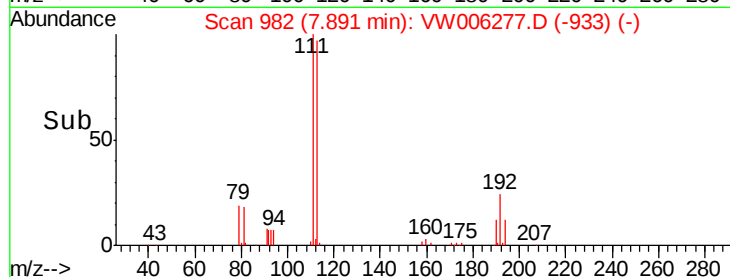
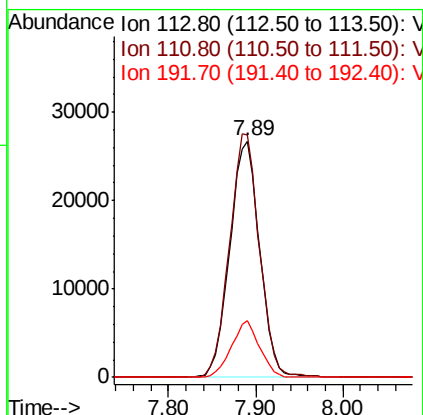
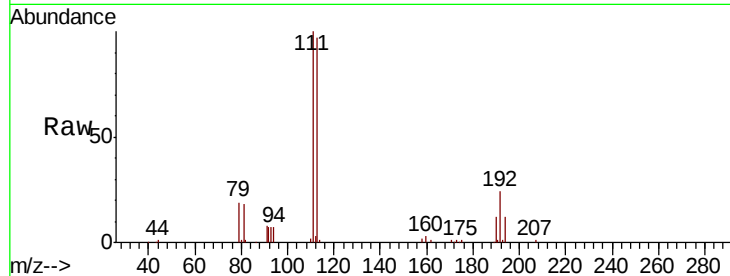




#35
 Dibromofluoromethane
 Concen: 33.328 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006277.D
 Acq: 23 Oct 2018 04:29

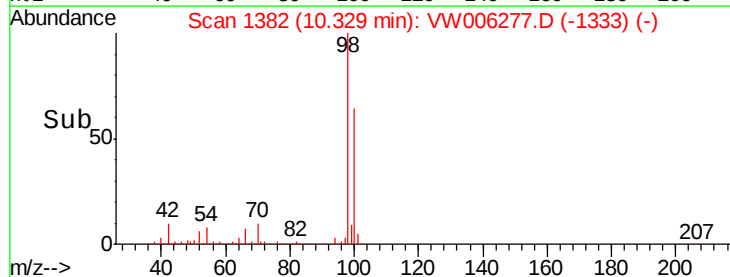
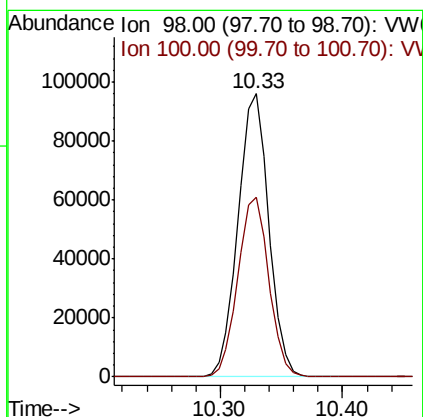
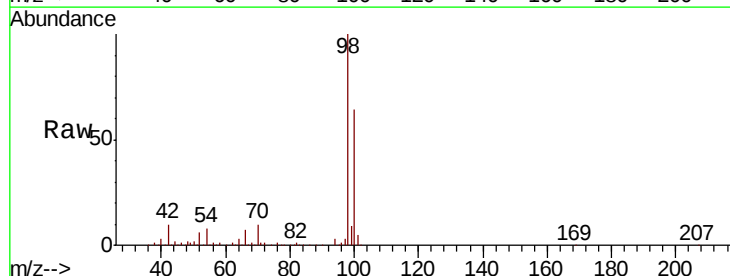
Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01B

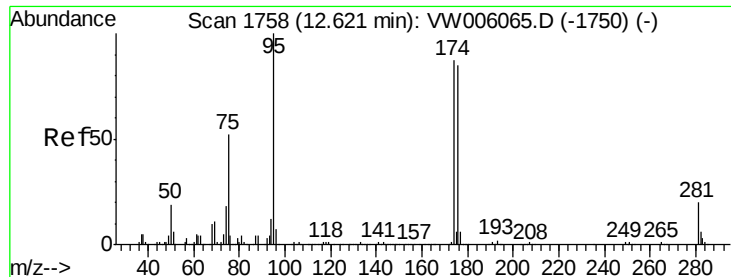
Tot Ion:113 Resp: 63514
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 22.7 18.7 28.1



#50
 Toluene-d8
 Concen: 23.109 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006277.D
 Acq: 23 Oct 2018 04:29

Tgt Ion: 98 Resp: 167547
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4

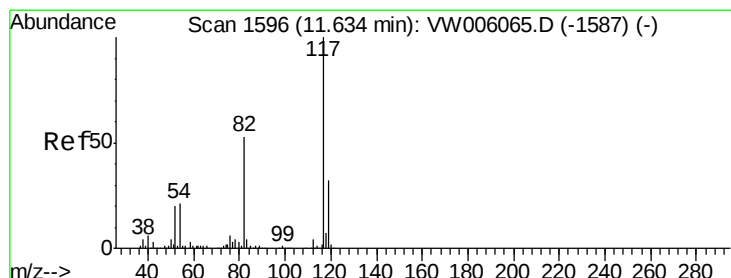
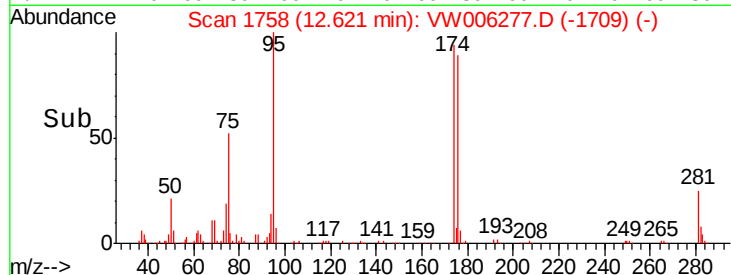
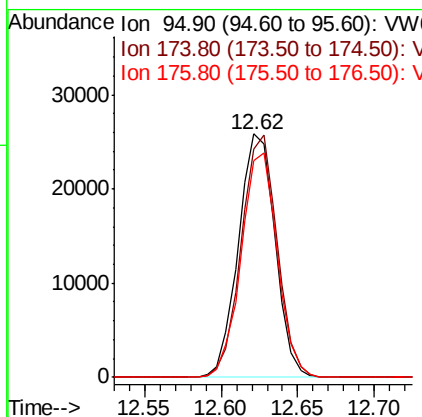
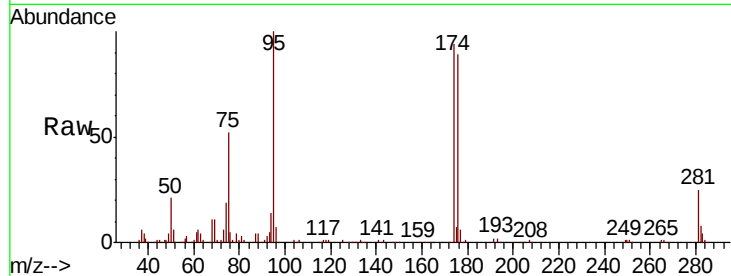




#62
4-Bromofluorobenzene
Concen: 15.818 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006277.D
Acq: 23 Oct 2018 04:29

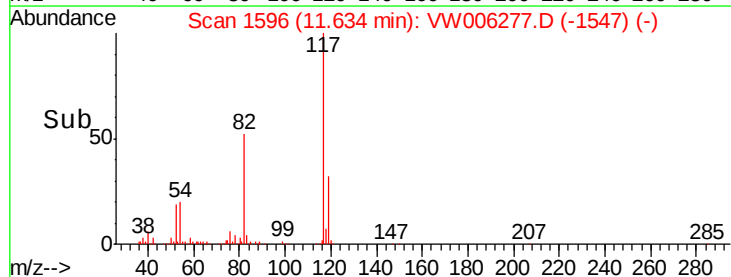
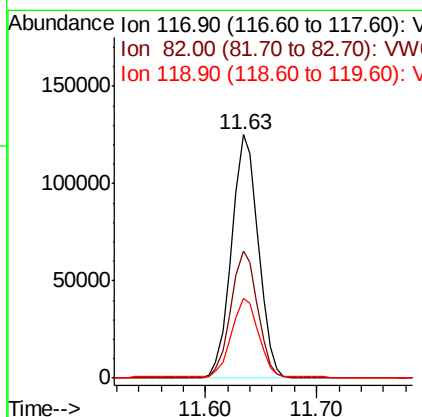
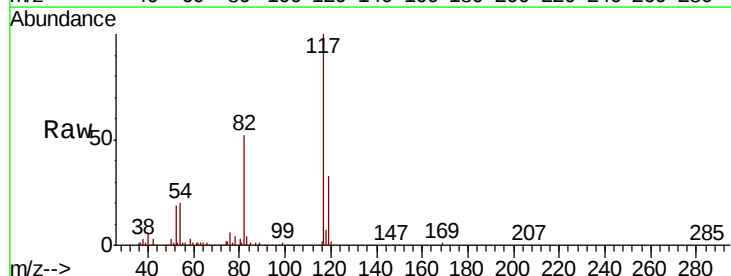
Instrument :
MSVOA_W
ClientSampleId :
PA-SB-01B

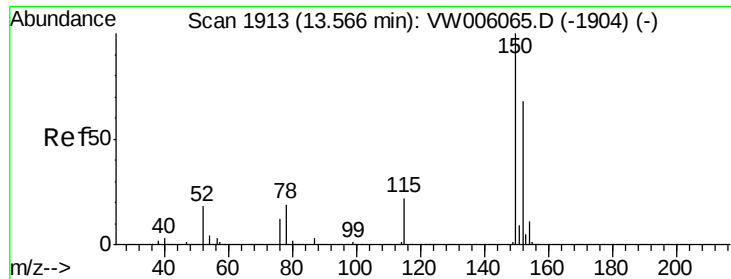
Tot Ion: 95 Resp: 43075
Ion Ratio Lower Upper
95 100
174 97.2 0.0 186.0
176 90.9 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006277.D
Acq: 23 Oct 2018 04:29

Tgt Ion: 117 Resp: 208199
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006277.D

Acq: 23 Oct 2018 04:29

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-01B

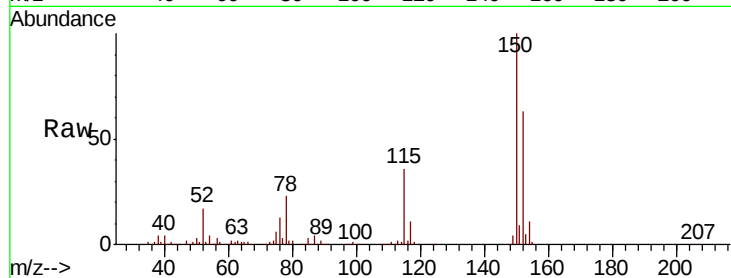
Tot Ion:152 Resp: 60631

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 156.3 0.0 349.2



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

