

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006085.D
 Acq On : 16 Oct 2018 18:01
 Operator : VA/AP
 Sample : J5526-07
 Misc : 8.06G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-7

Quant Time: Oct 17 01:24:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

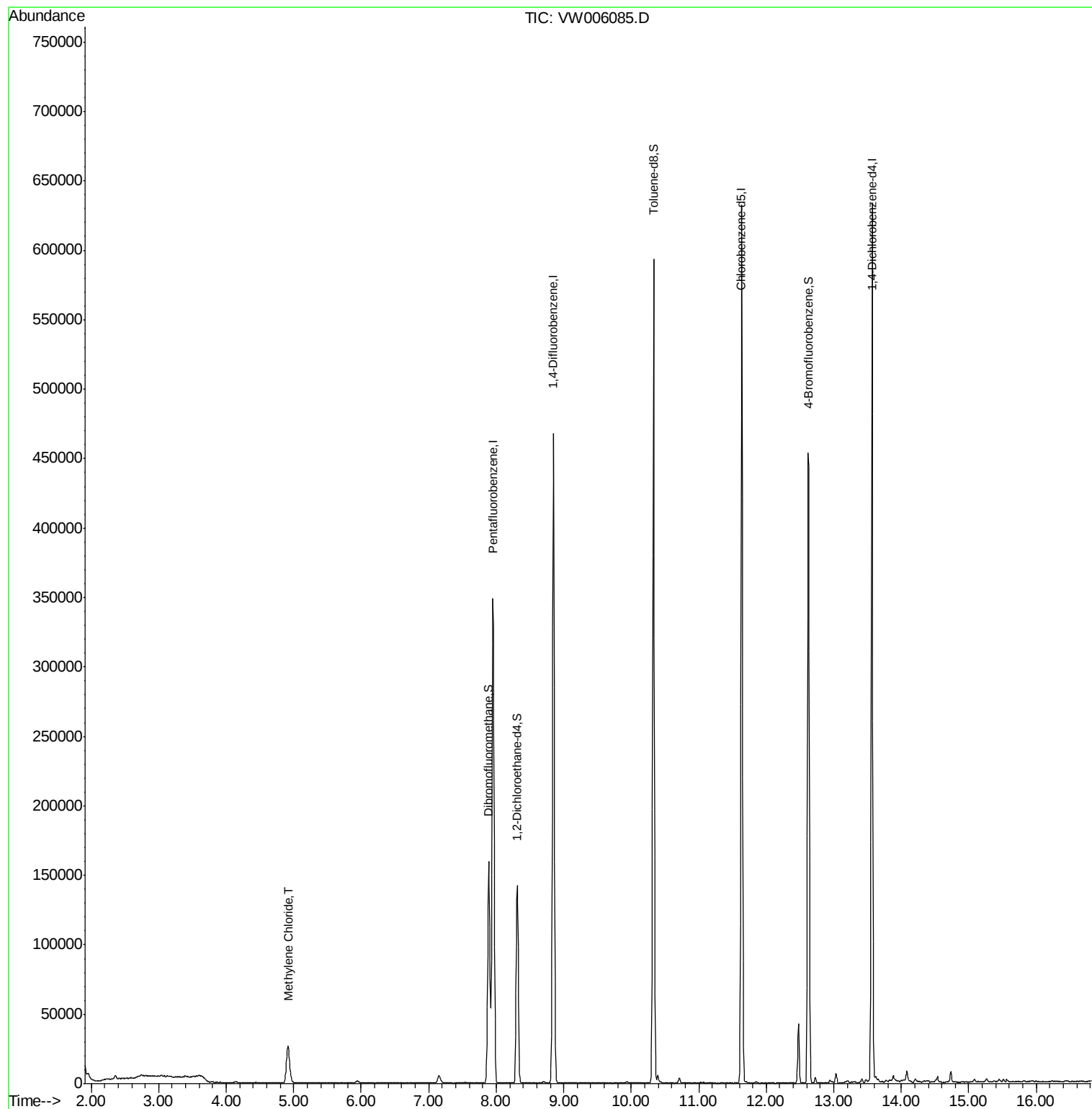
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	413431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112407	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	111824	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	10.33	98	406831	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.62	95	139597	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
Target Compounds						
20) Methylene Chloride	4.91	84	22649	7.669	ug/l	Qvalue 95

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

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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: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

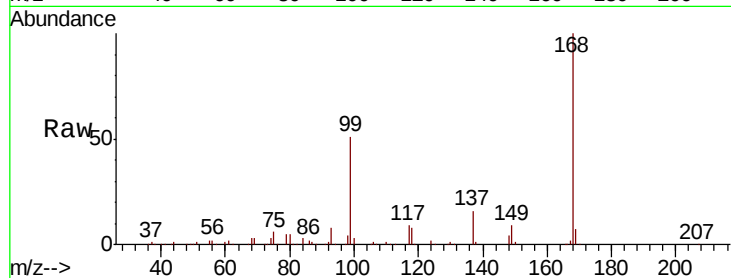
SUP-4B-G-101518-7

Tot Ion:168 Resp: 285394

Ion Ratio Lower Upper

168 100

99 51.1 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

150000

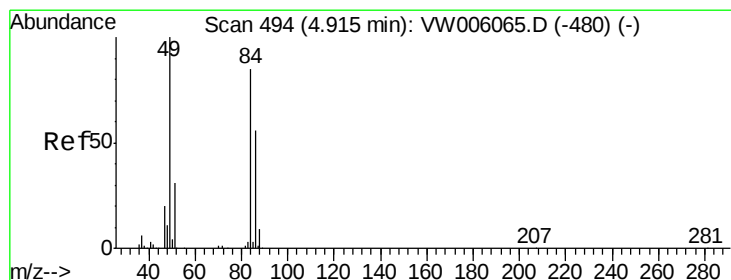
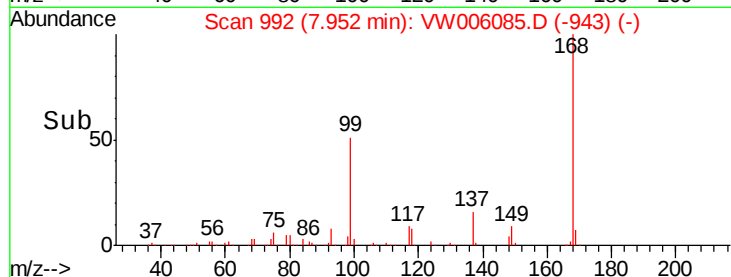
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 7.669 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Tgt Ion: 84 Resp: 22649

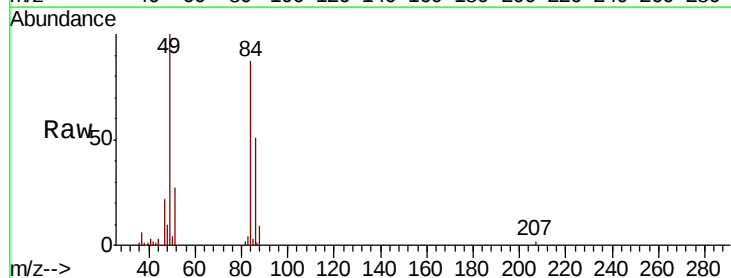
Ion Ratio Lower Upper

84 100

49 115.4 93.6 140.4

51 31.7 29.0 43.4

86 58.9 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

4.91

12000

10000

8000

6000

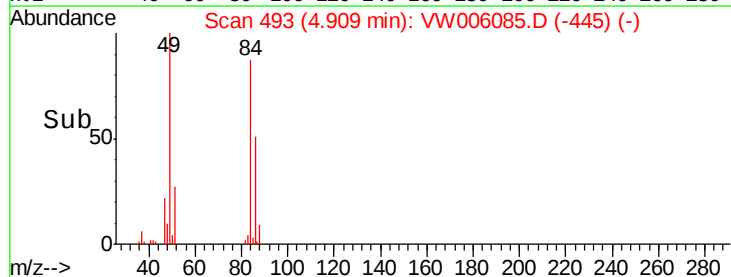
4000

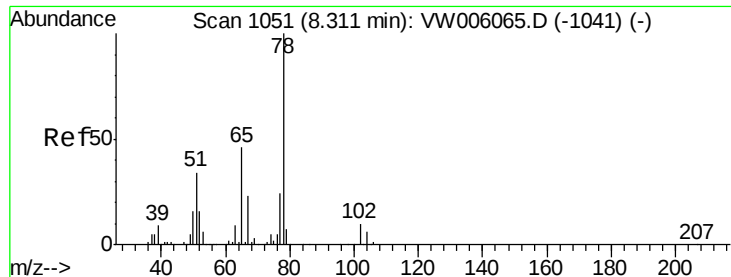
2000

0

4.80 4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.508 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006085.D

Acq: 16 Oct 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

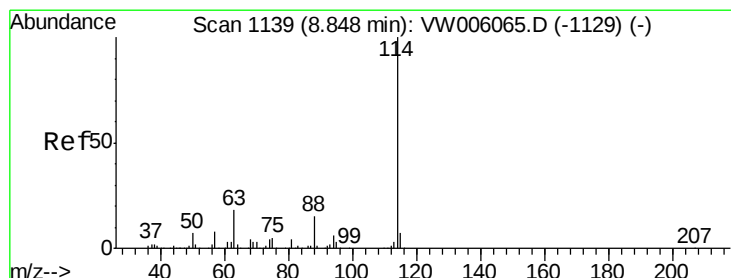
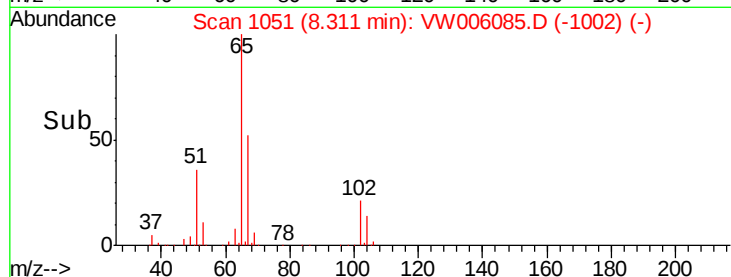
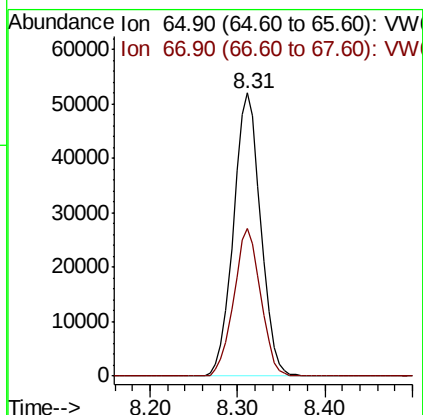
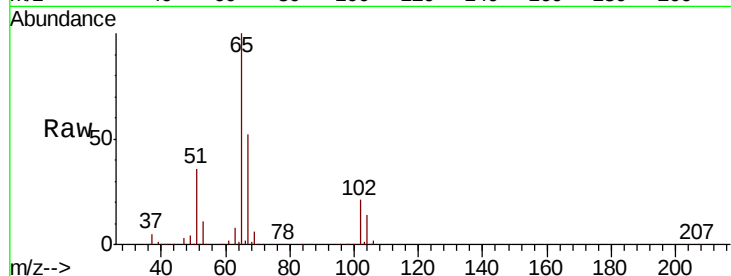
SUP-4B-G-101518-7

Tot Ion: 65 Resp: 112407

Ion Ratio Lower Upper

65 100

67 51.5 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: VW006085.D

Acq: 16 Oct 2018 18:01

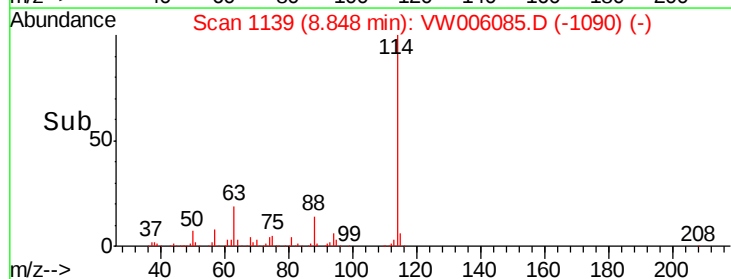
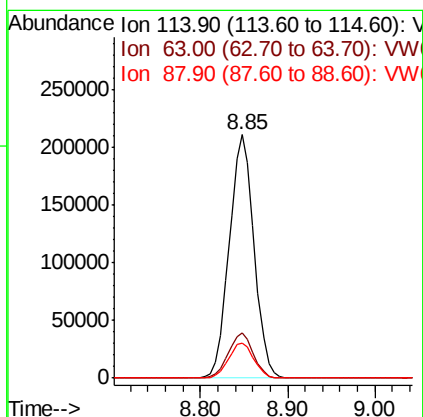
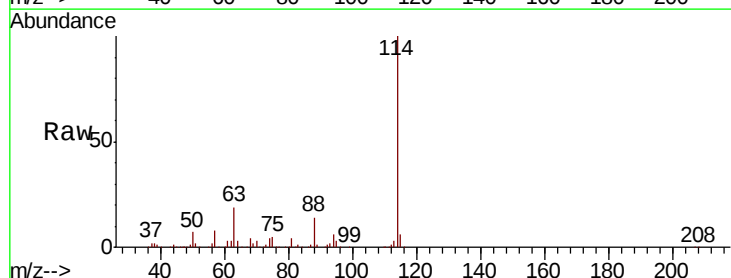
Tgt Ion: 114 Resp: 413431

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 14.5 0.0 29.0

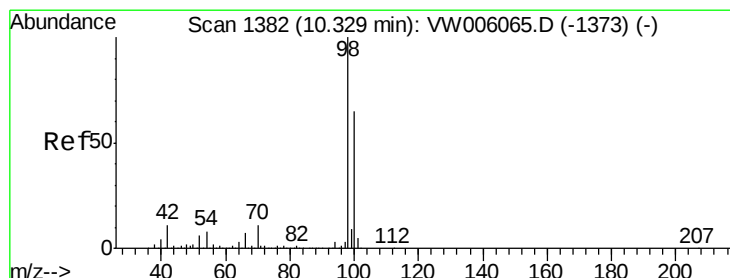
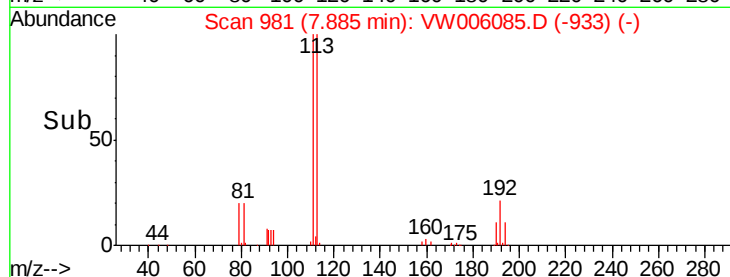
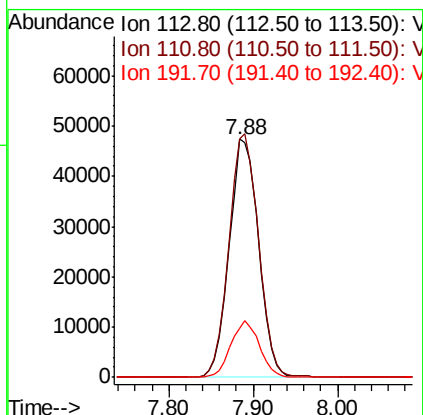
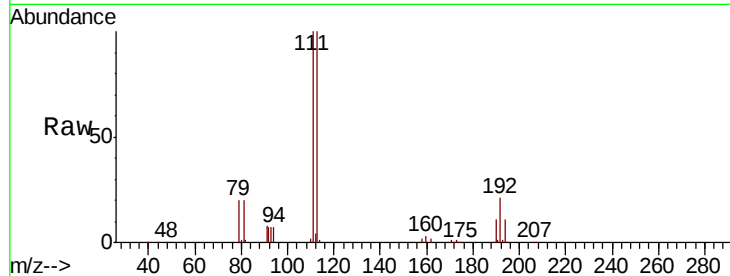




#35
 Dibromofluoromethane
 Concen: 45.774 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

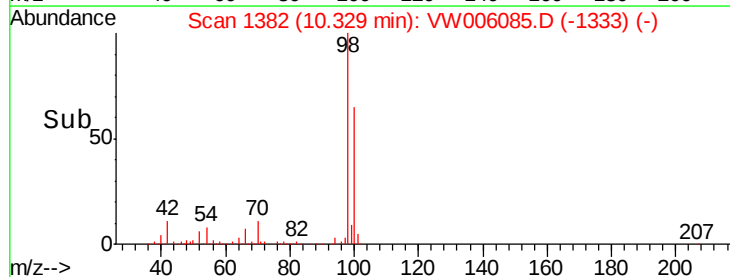
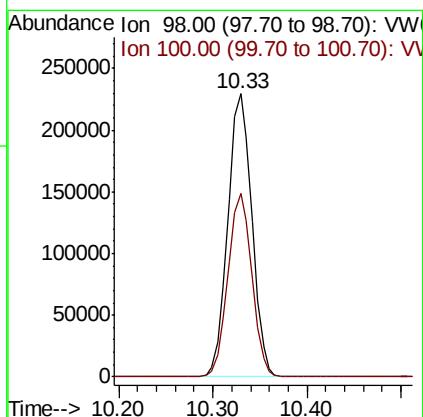
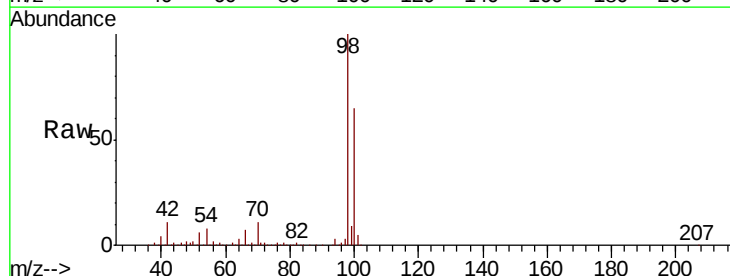
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-7

Tot Ion:113 Resp: 111824
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.0 18.7 28.1



#50
 Toluene-d8
 Concen: 43.773 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

Tgt Ion: 98 Resp: 406831
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4

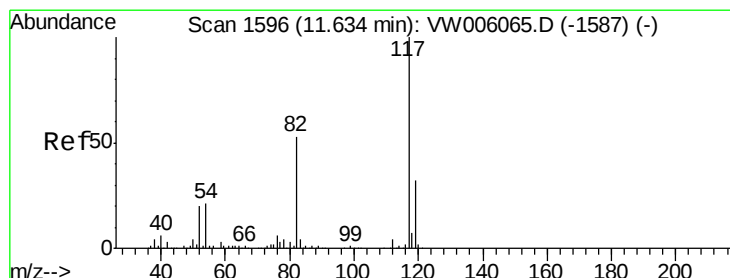
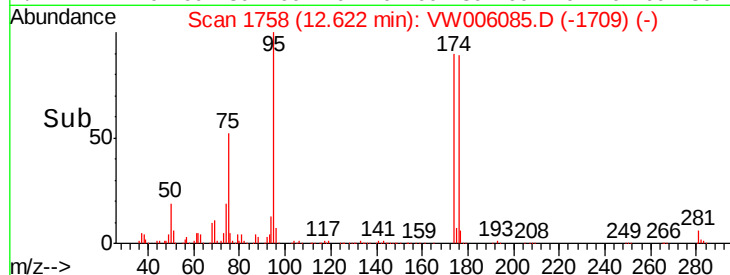
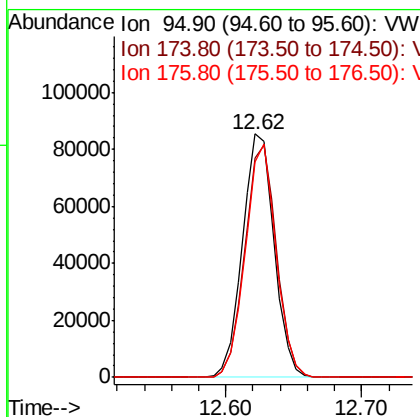
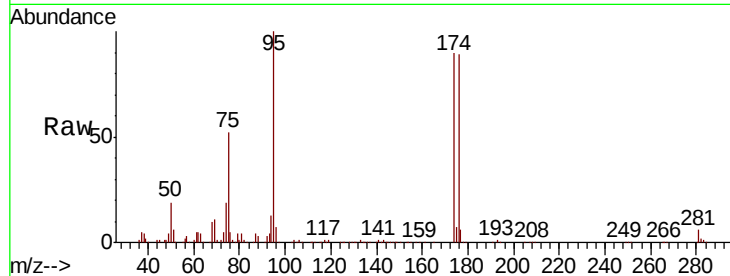




#62
4-Bromofluorobenzene
Concen: 39.990 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

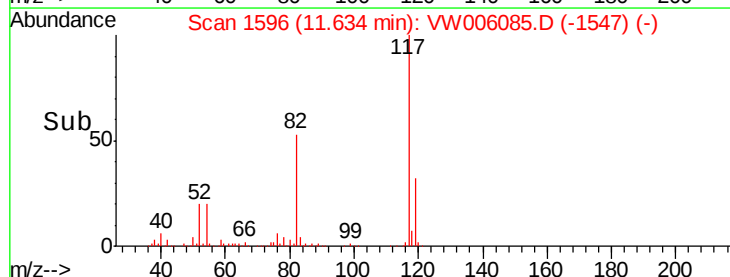
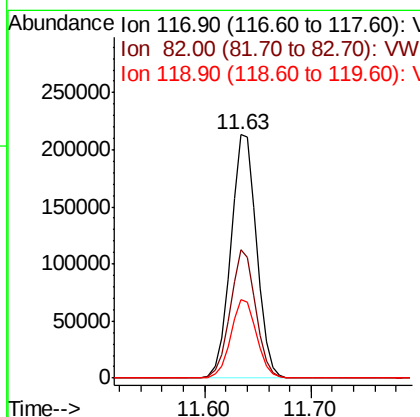
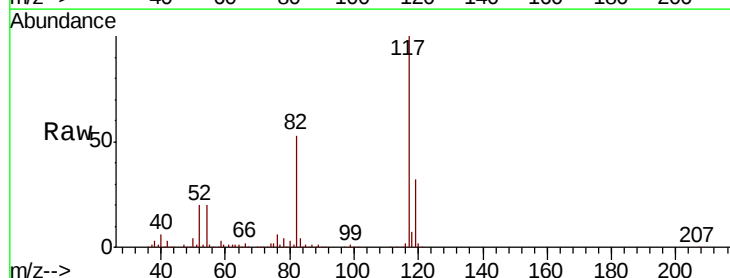
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-7

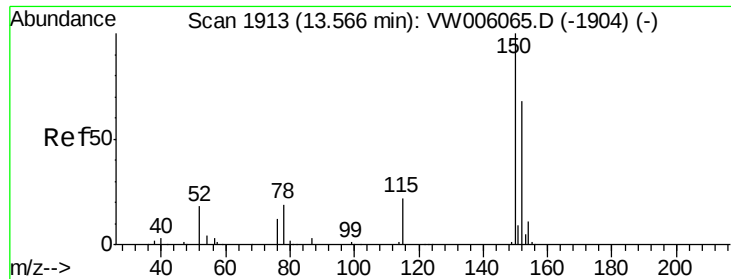
Tot Ion: 95 Resp: 139597
Ion Ratio Lower Upper
95 100
174 95.1 0.0 186.0
176 92.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006085.D
Acq: 16 Oct 2018 18:01

Tgt Ion: 117 Resp: 362455
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 32.0 25.8 38.6

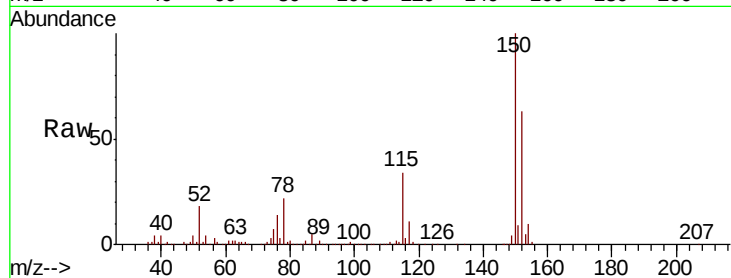




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006085.D
 Acq: 16 Oct 2018 18:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-7

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	155.9	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

