

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006089.D
 Acq On : 16 Oct 2018 19:44
 Operator : VA/AP
 Sample : J5526-17
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-2

Quant Time: Oct 17 01:40:21 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

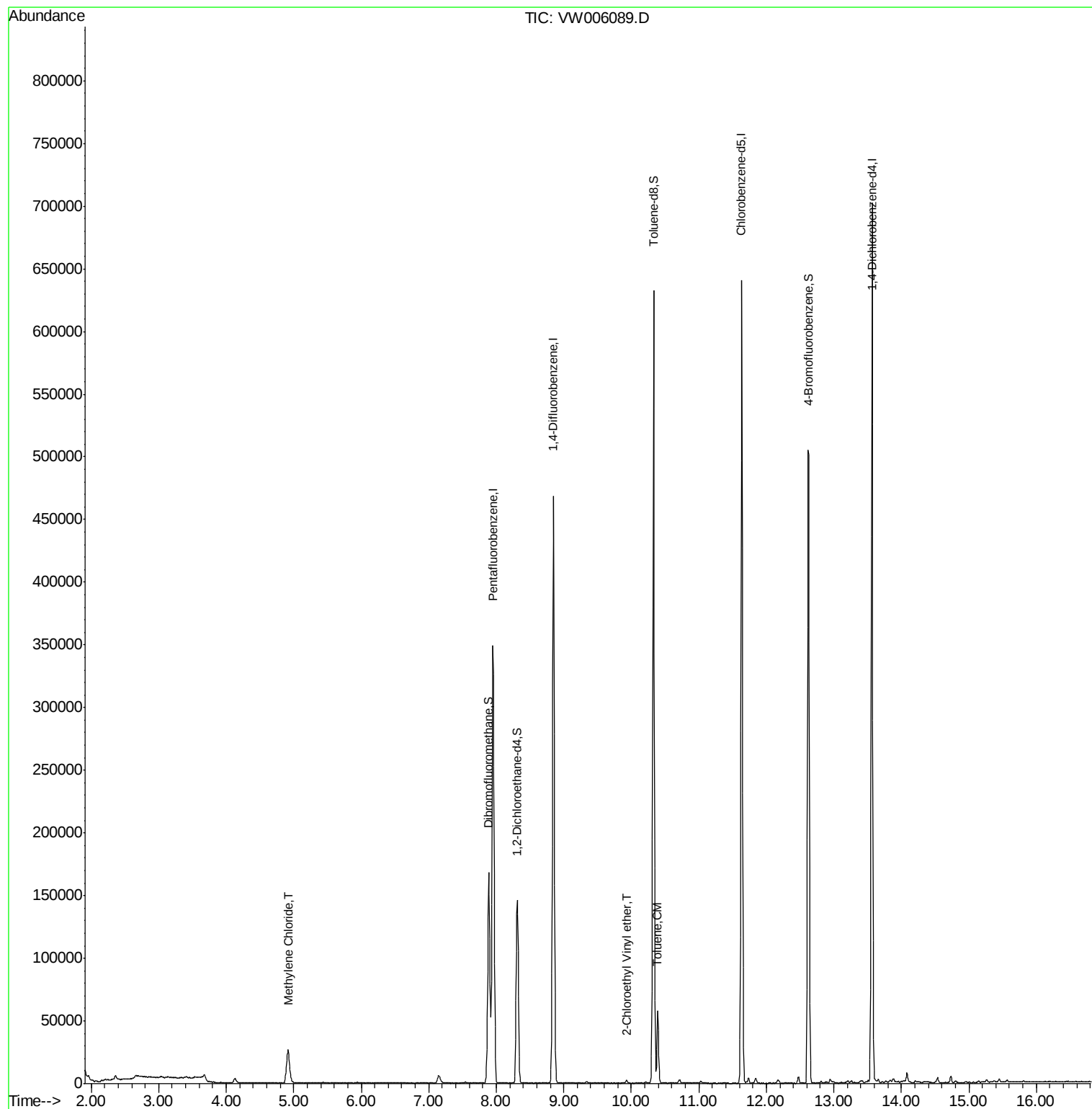
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113664	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.89	113	115715	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	10.33	98	424550	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	12.62	95	152919	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
20) Methylene Chloride	4.92	84	21649	7.539	ug/l	97
52) Toluene	10.39	92	24144	3.478	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	1110	1.199	ug/l	99

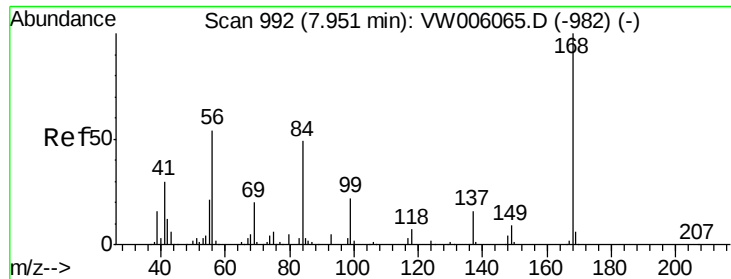
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006089.D

Acq: 16 Oct 2018 19:44

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MSVOA_W

ClientSampleId :

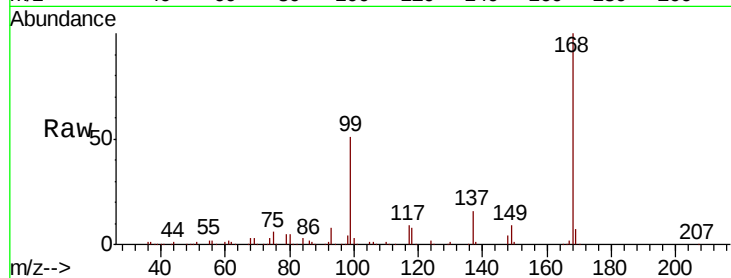
SUP-4A-G-101518-2

Tot Ion:168 Resp: 276625

Ion Ratio Lower Upper

168 100

99 51.3 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

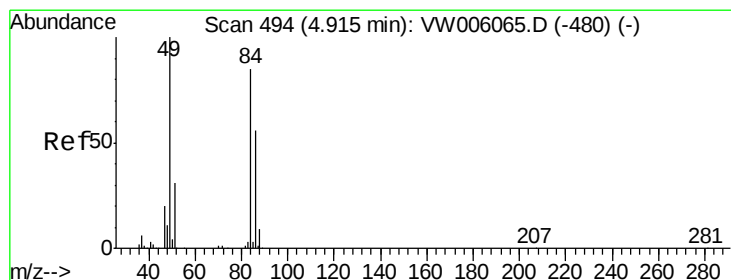
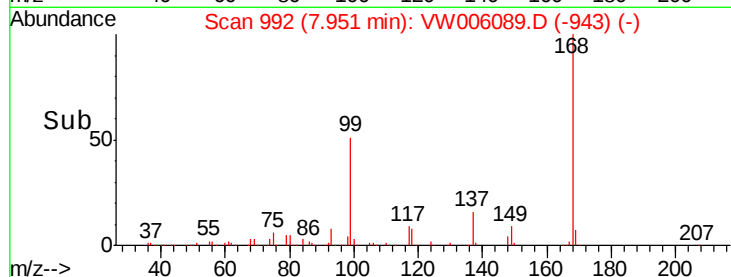
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.539 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006089.D

Acq: 16 Oct 2018 19:44

Tgt Ion: 84 Resp: 21649

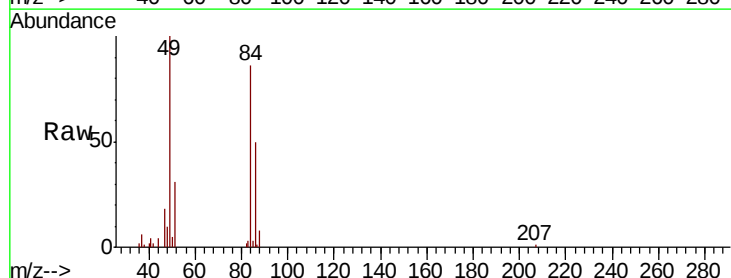
Ion Ratio Lower Upper

84 100

49 116.3 93.6 140.4

51 36.1 29.0 43.4

86 58.0 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

4.92

12000

10000

8000

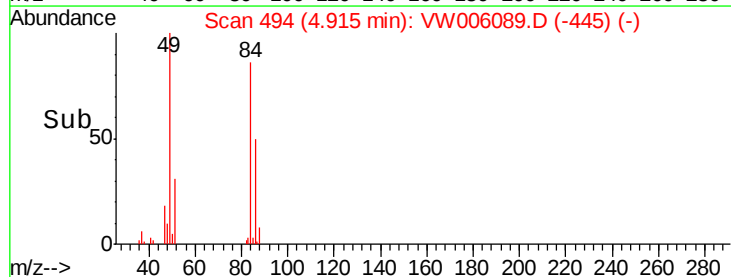
6000

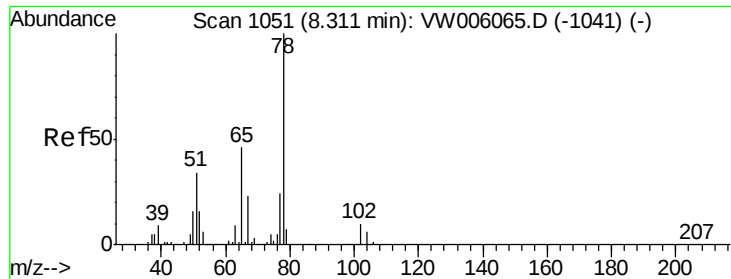
4000

2000

0

Time-->

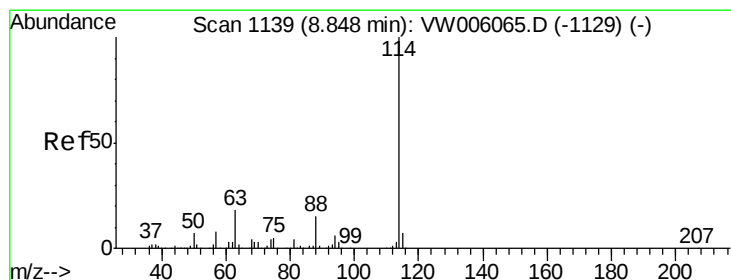
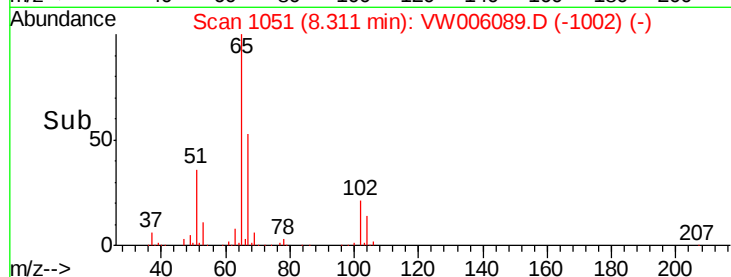
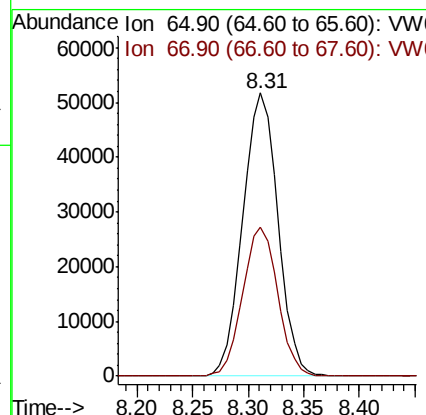
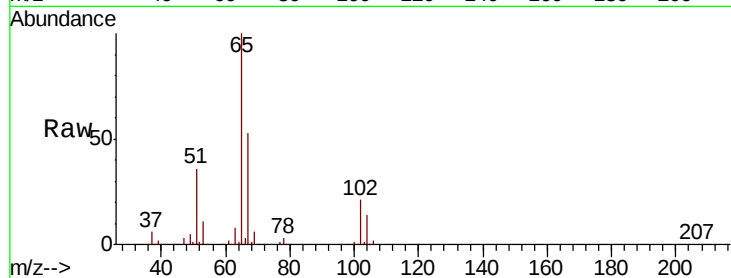




#33
 1,2-Dichloroethane-d4
 Concen: 49.562 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006089.D
 Acq: 16 Oct 2018 19:44

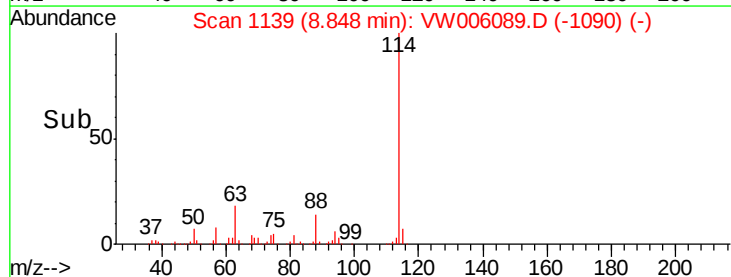
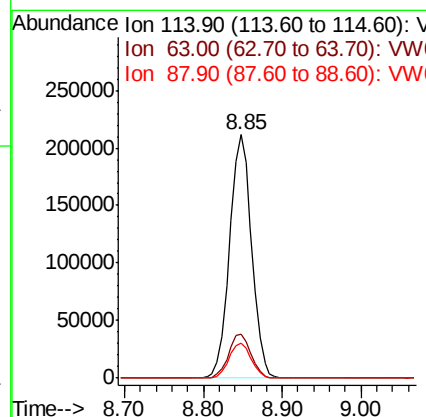
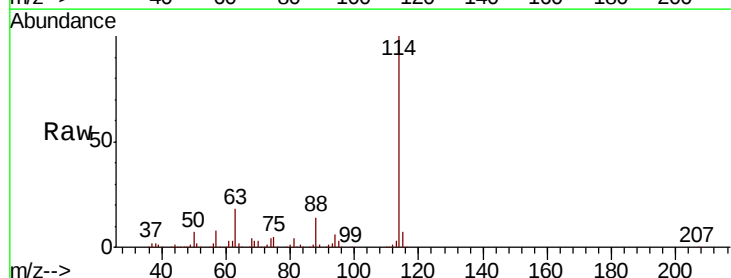
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-2

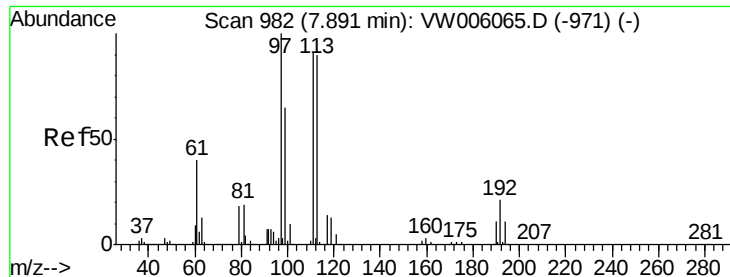
Tot Ion: 65 Resp: 113664
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006089.D
 Acq: 16 Oct 2018 19:44

Tgt Ion: 114 Resp: 409550
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.816 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006089.D

Acq: 16 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

SUP-4A-G-101518-2

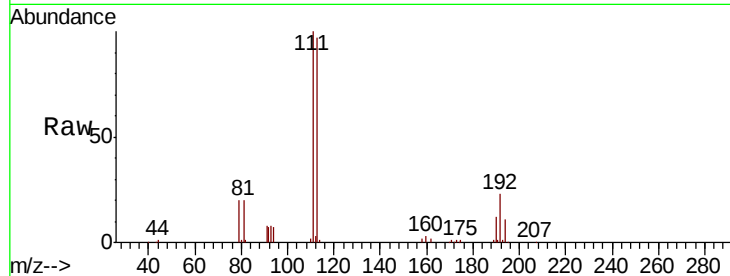
Tot Ion:113 Resp: 115715

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

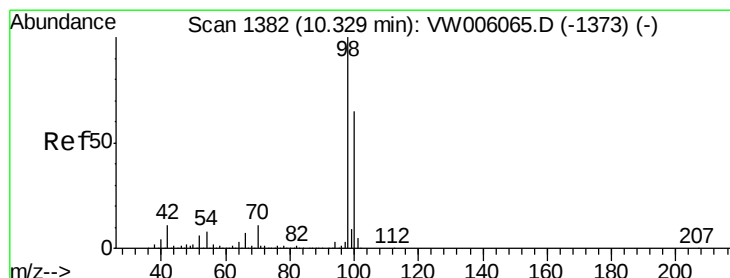
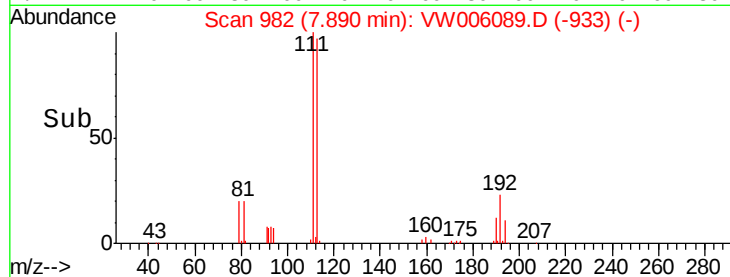
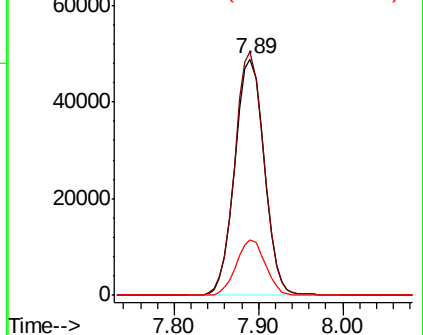
192 23.1 18.7 28.1



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: 46.112 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006089.D

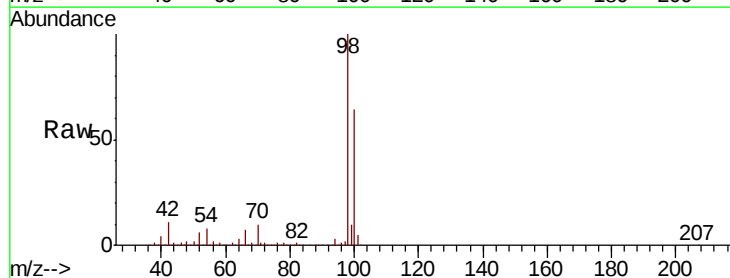
Acq: 16 Oct 2018 19:44

Tgt Ion: 98 Resp: 424550

Ion Ratio Lower Upper

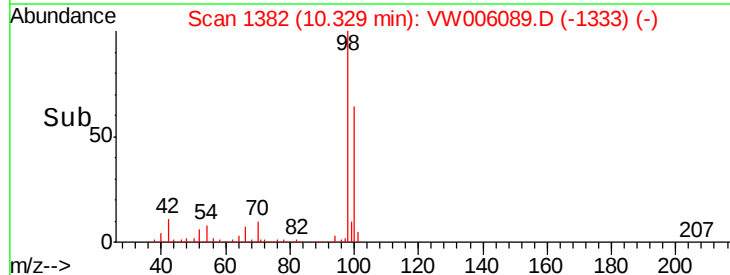
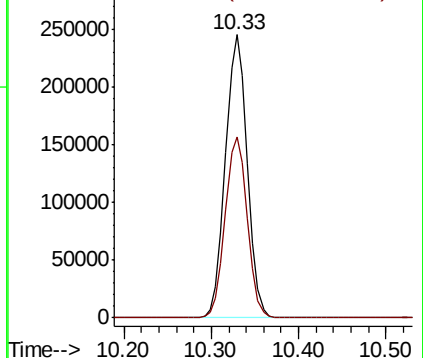
98 100

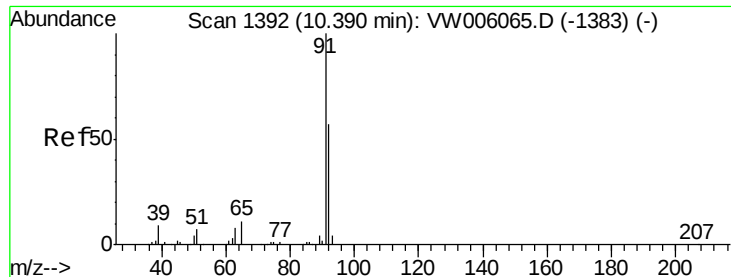
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.478 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006089.D

Acq: 16 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

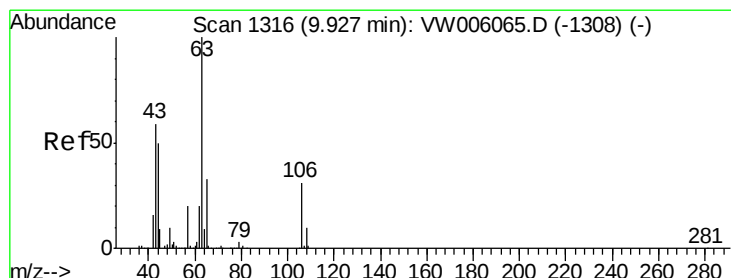
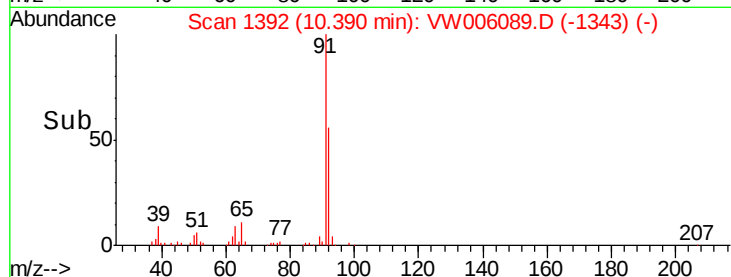
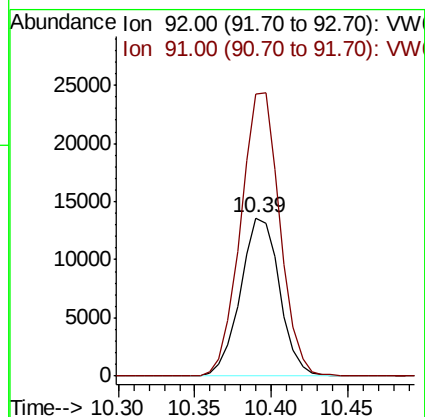
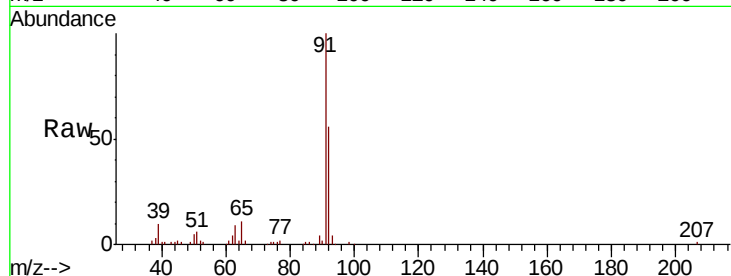
SUP-4A-G-101518-2

Tot Ion: 92 Resp: 24144

Ion Ratio Lower Upper

92 100

91 179.0 140.0 210.0



#58

2-Chloroethyl Vinyl ether

Concen: 1.199 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW006089.D

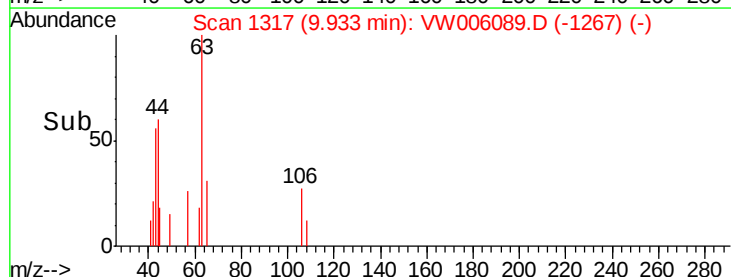
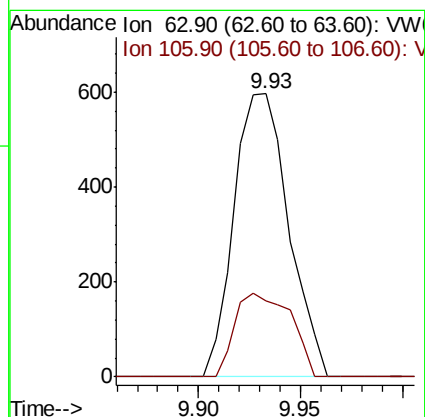
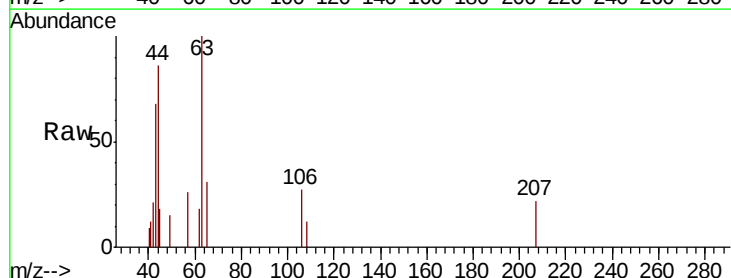
Acq: 16 Oct 2018 19:44

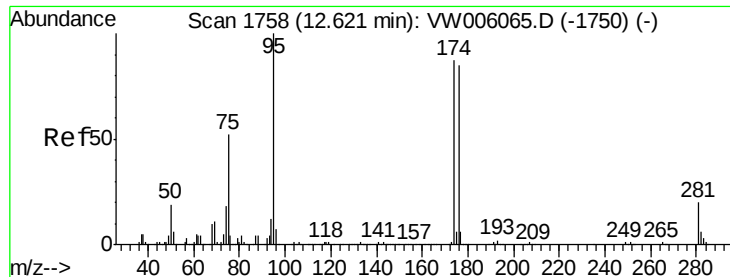
Tgt Ion: 63 Resp: 1110

Ion Ratio Lower Upper

63 100

106 30.2 24.5 36.7

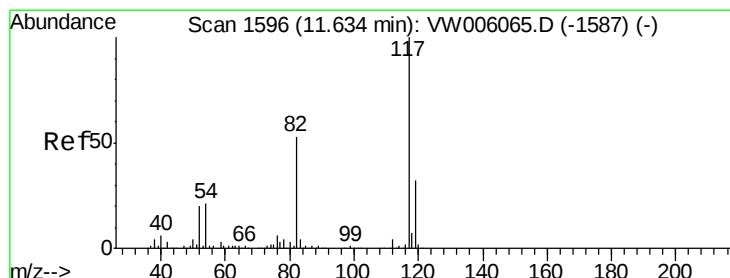
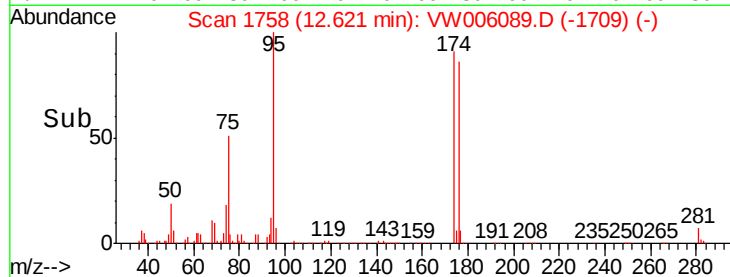
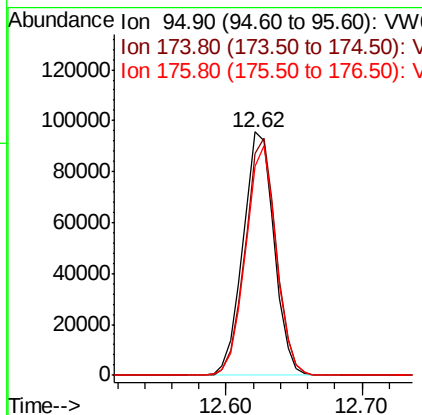
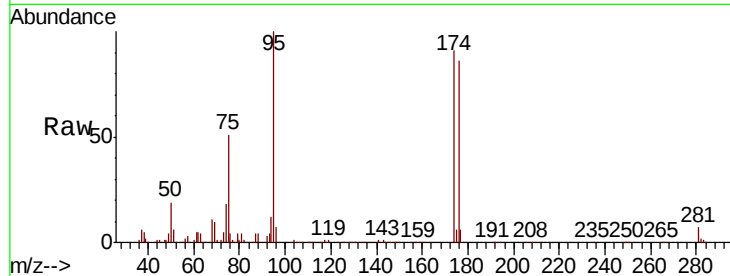




#62
4-Bromofluorobenzene
Concen: 44.222 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006089.D
Acq: 16 Oct 2018 19:44

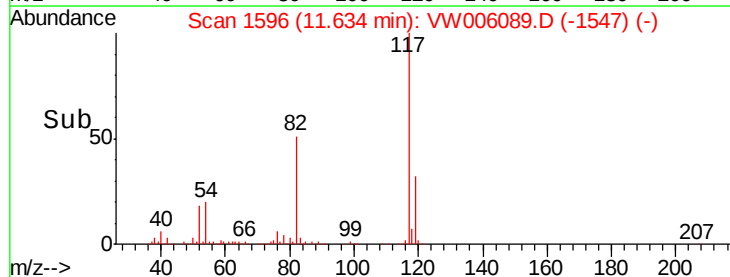
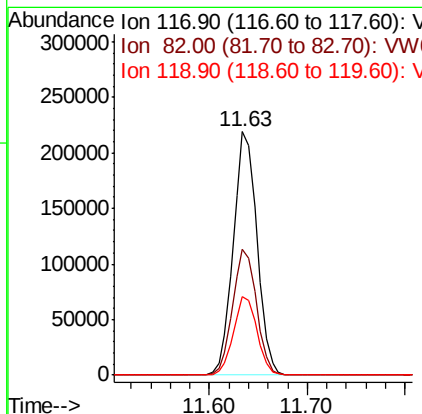
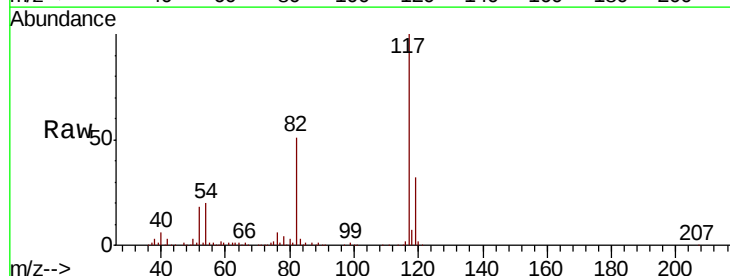
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SUP-4A-G-101518-2

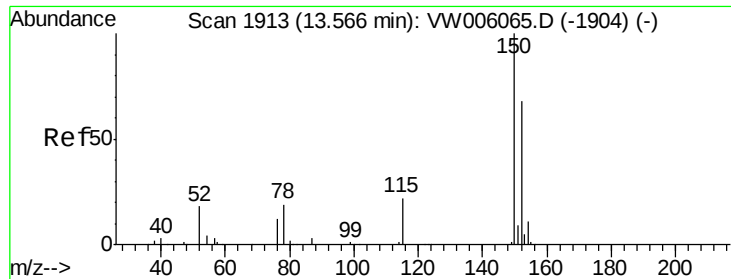
Tot Ion: 95 Resp: 152919
Ion Ratio Lower Upper
95 100
174 96.5 0.0 186.0
176 92.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006089.D
Acq: 16 Oct 2018 19:44

Tgt Ion: 117 Resp: 369028
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 32.3 25.8 38.6

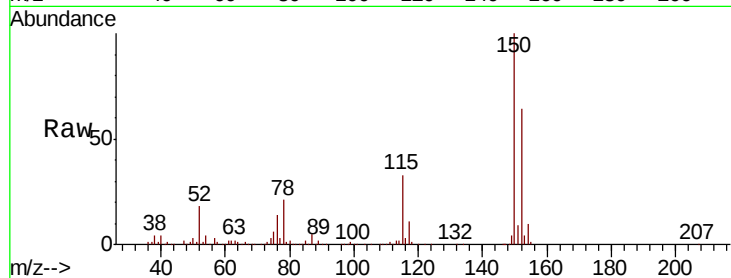




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006089.D
 Acq: 16 Oct 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4A-G-101518-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.8	83.3
150	155.5	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

