

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006091.D
 Acq On : 16 Oct 2018 20:36
 Operator : VA/AP
 Sample : J5526-19
 Misc : 6.98G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 17 01:42:52 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

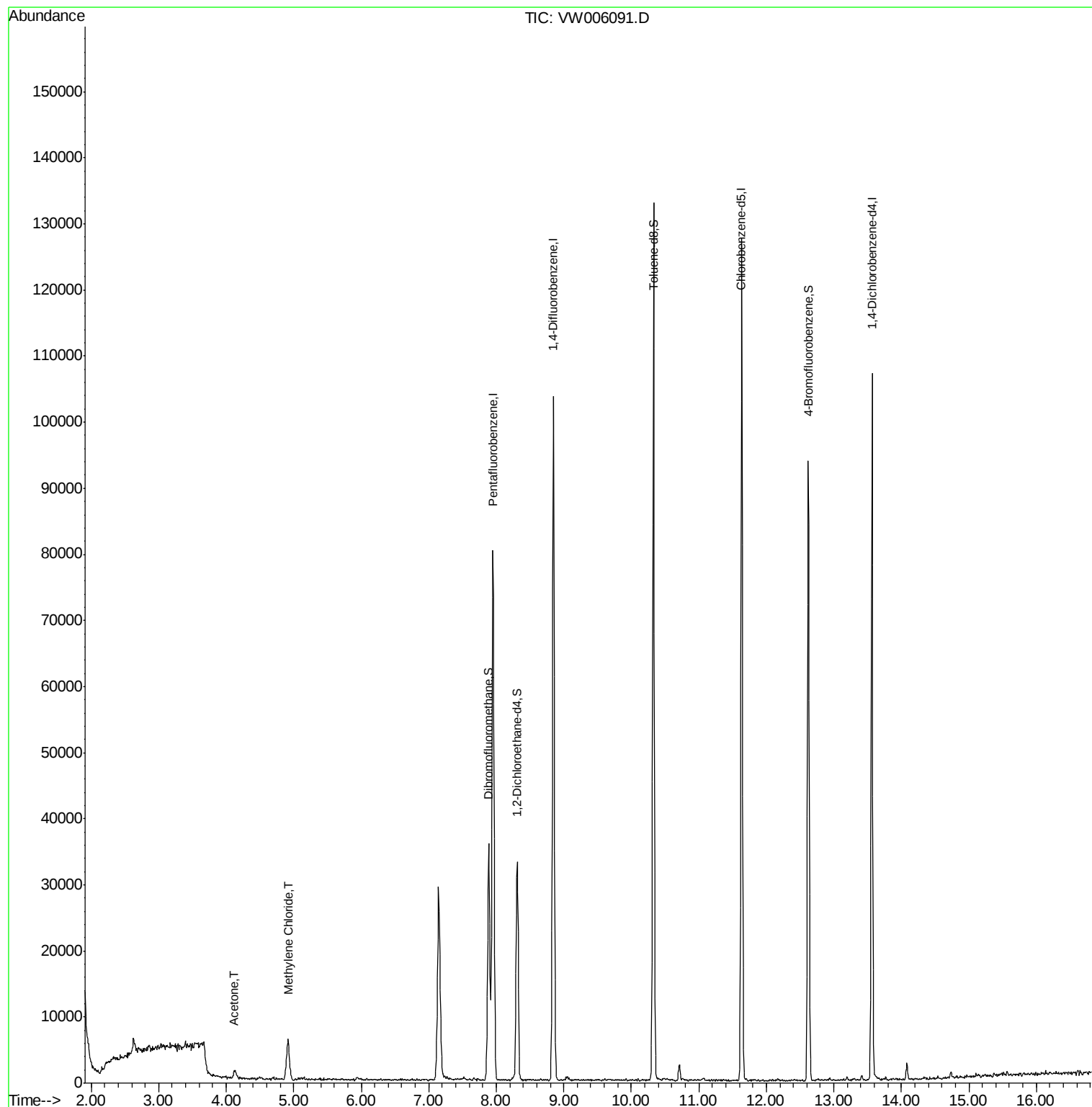
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	91385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26701	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.89	113	24915	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	10.33	98	89648	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	12.62	95	27618	35.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.58%	
Target Compounds						
16) Acetone	4.12	43	2237	7.991	ug/l	97
20) Methylene Chloride	4.92	84	4571	6.677	ug/l	96

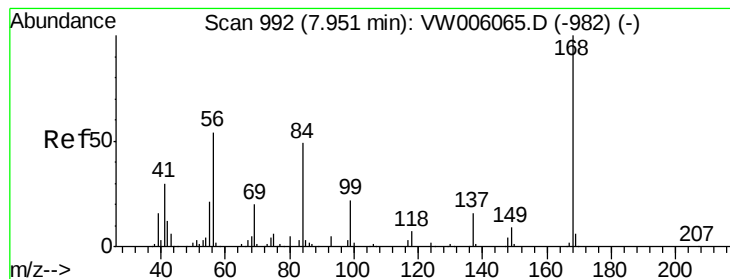
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006091.D

Acq: 16 Oct 2018 20:36

Instrument :

MSVOA_W

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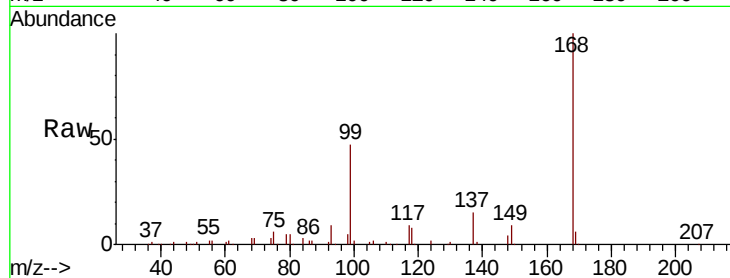
SUP-4A-G-101518-4

Tot Ion:168 Resp: 64431

Ion Ratio Lower Upper

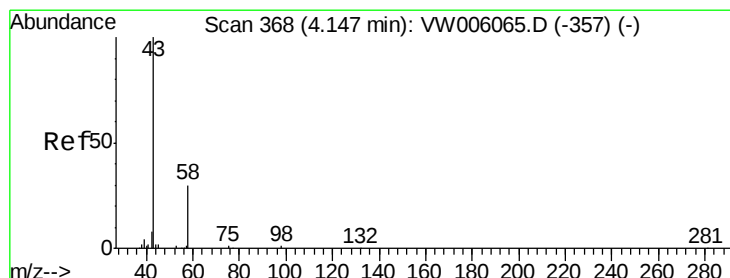
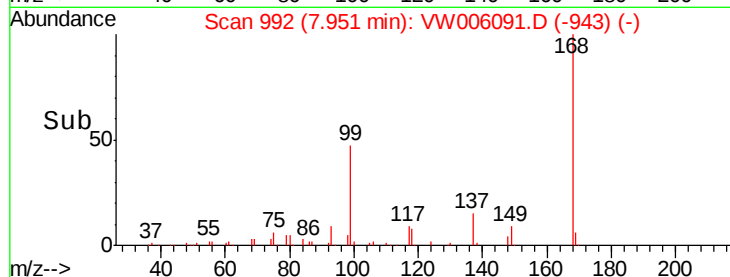
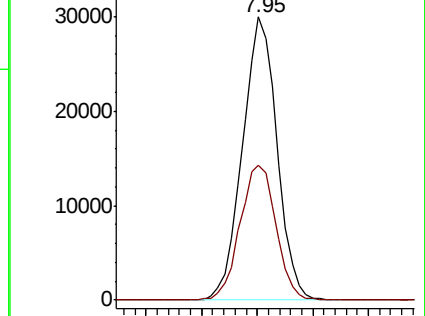
168 100

99 47.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.991 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006091.D

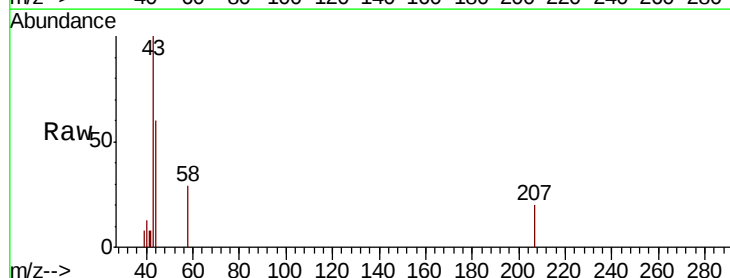
Acq: 16 Oct 2018 20:36

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

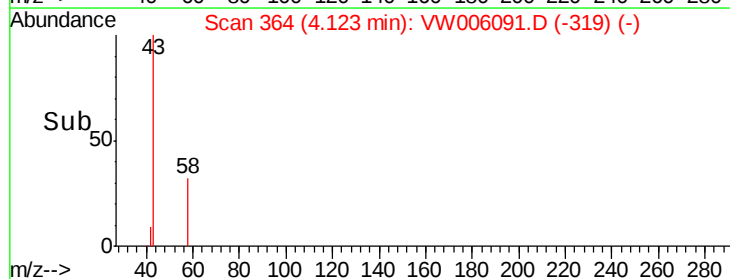
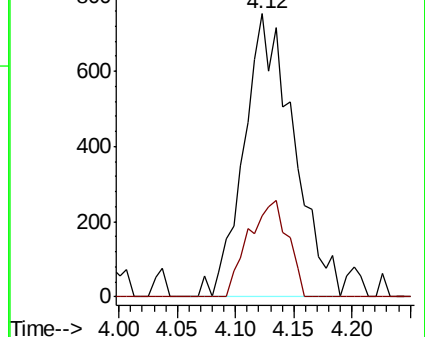
43 100

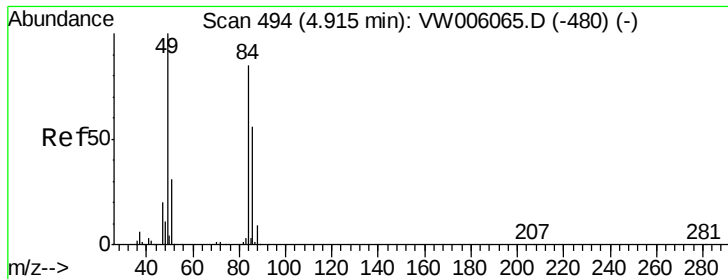
58 28.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

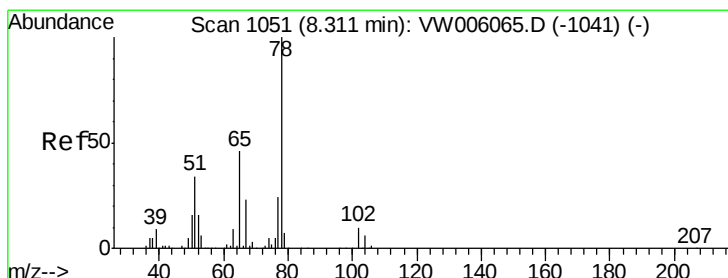
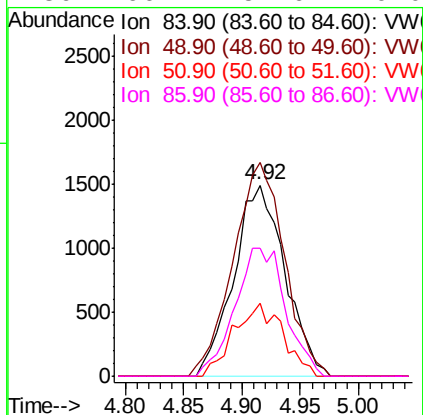
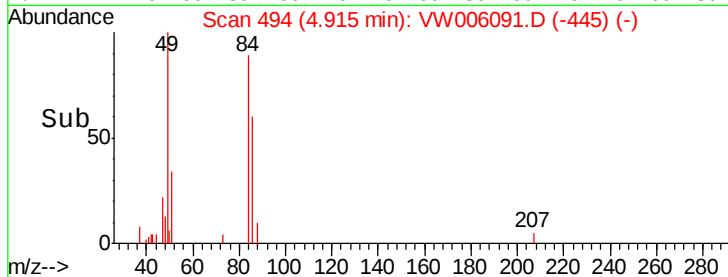
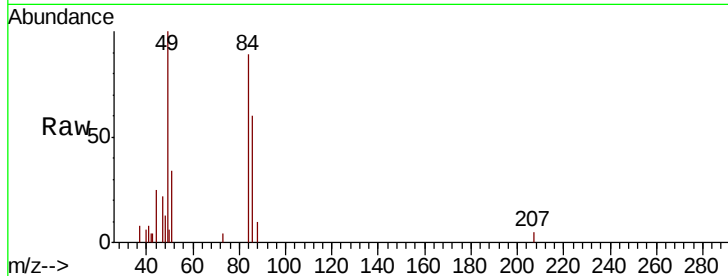




#20
Methylene Chloride
Concen: 6.677 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006091.D
Acq: 16 Oct 2018 20:36

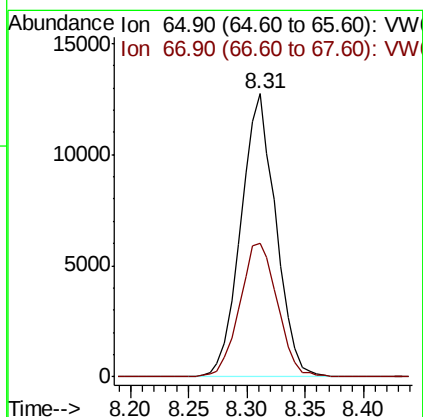
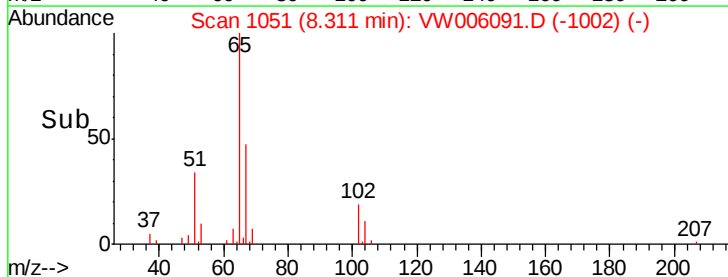
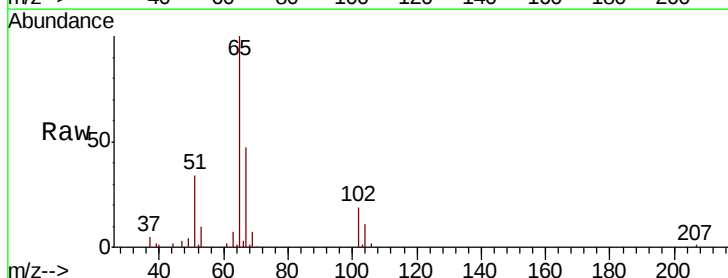
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MSVOA_W
ClientSampleId :
SUP-4A-G-101518-4

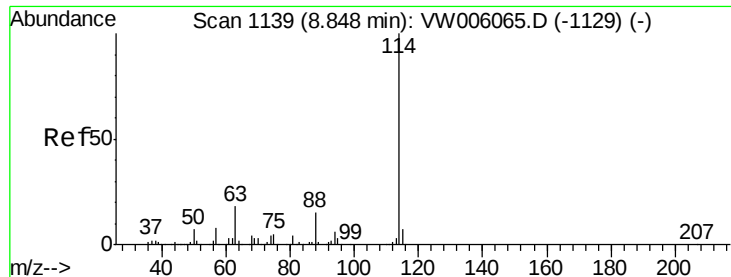
Tot Ion:	84	Resp:	4571
Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.6	140.4
51	38.4	29.0	43.4
86	66.7	52.6	79.0



#33
1,2-Dichloroethane-d4
Concen: 49.986 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006091.D
Acq: 16 Oct 2018 20:36

Tgt Ion:	65	Resp:	26701
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.0

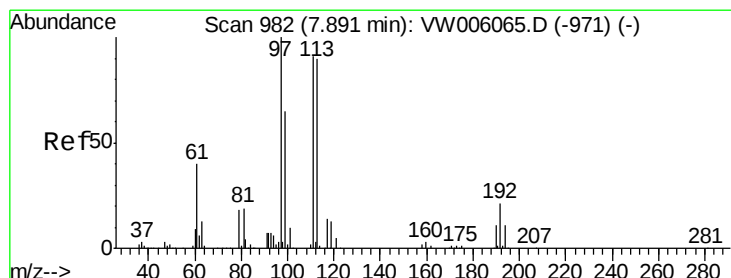
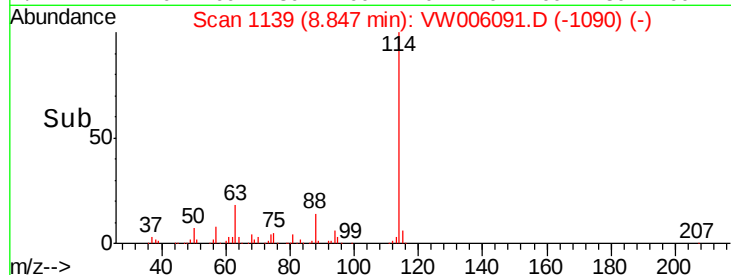
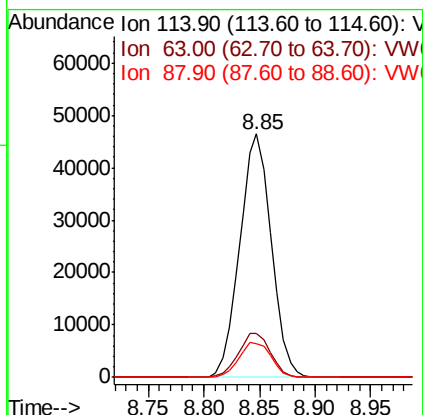
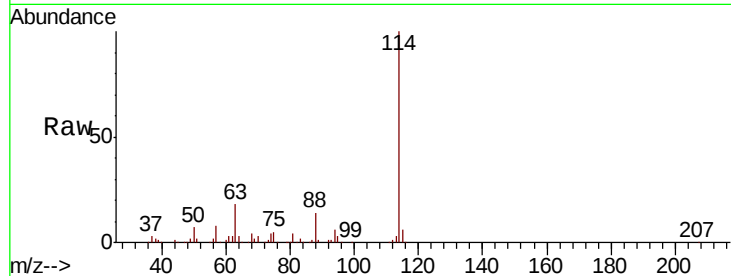




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006091.D
 Acq: 16 Oct 2018 20:36

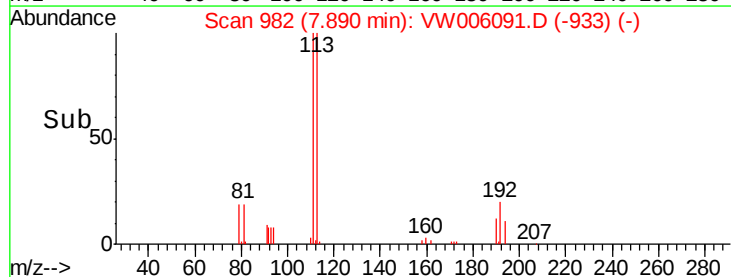
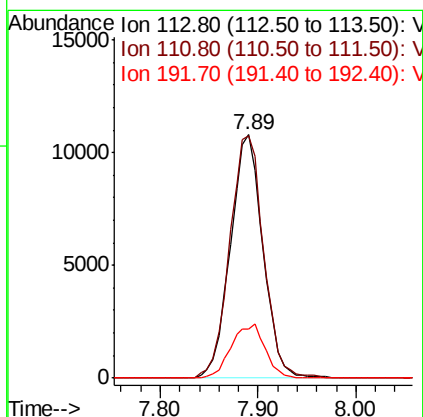
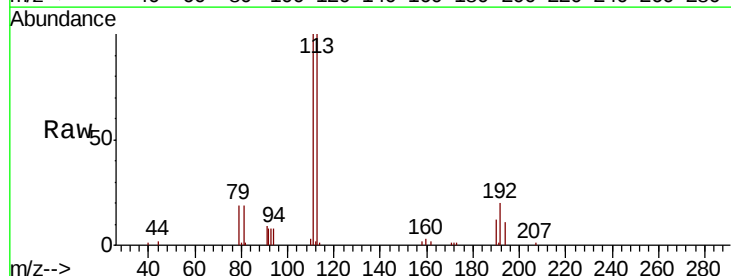
Instrument :
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 SUP-4A-G-101518-4

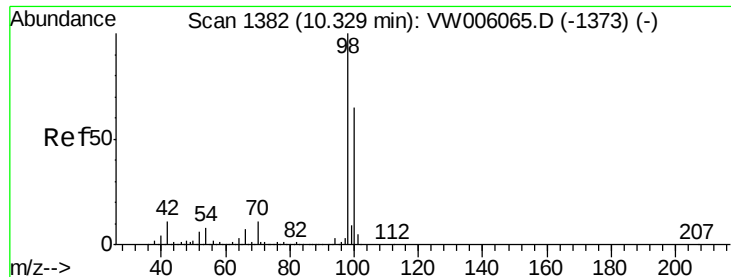
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	13.8	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 46.140 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006091.D
 Acq: 16 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	22.8	18.7	28.1

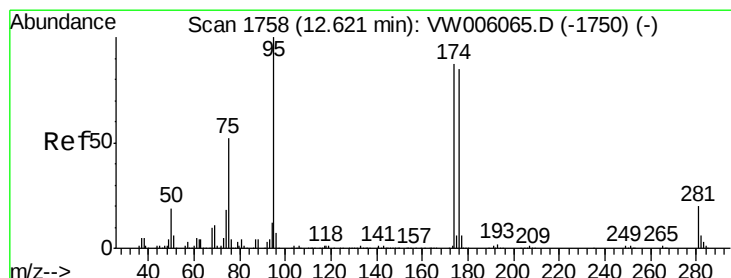
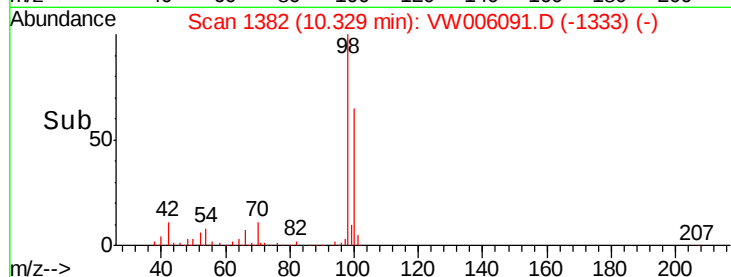
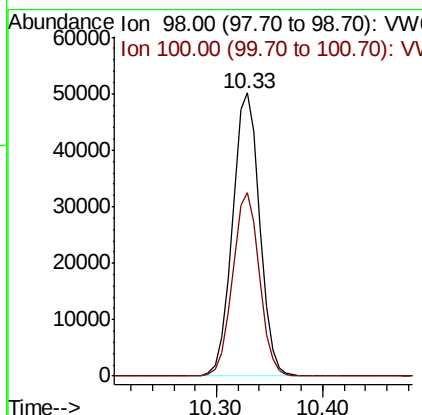
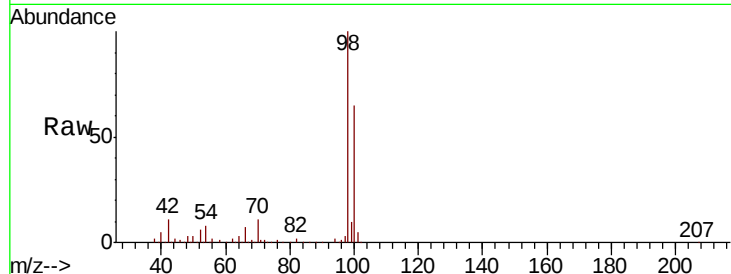




#50
Toluene-d8
Concen: 43.637 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006091.D
Acq: 16 Oct 2018 20:36

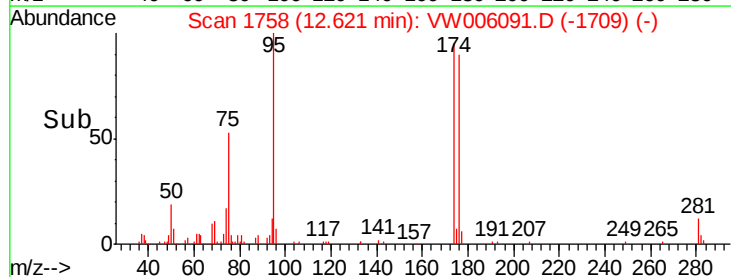
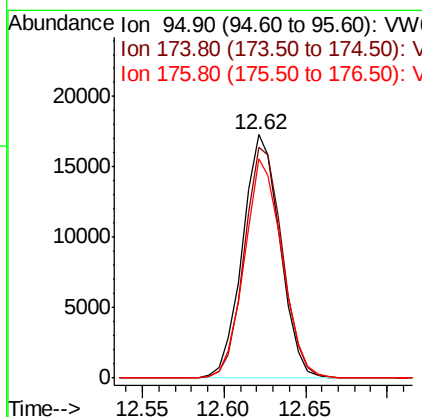
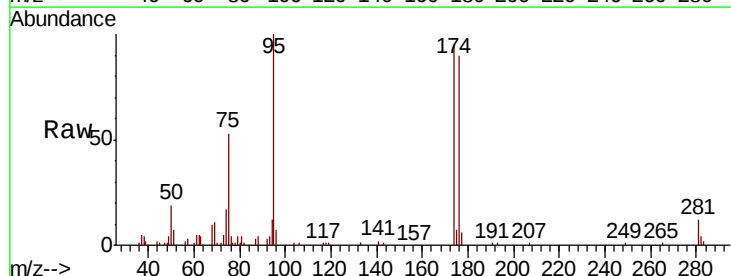
Instrument :
MSVOA_W
ClientSampleId :
SUP-4A-G-101518-4

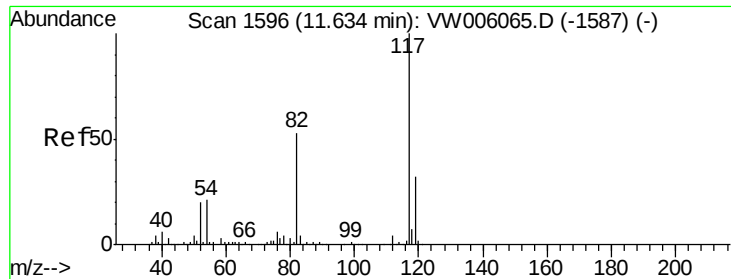
Tot Ion: 98 Resp: 89648
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 35.793 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006091.D
Acq: 16 Oct 2018 20:36

Tgt Ion: 95 Resp: 27618
Ion Ratio Lower Upper
95 100
174 96.1 0.0 186.0
176 91.0 0.0 181.6

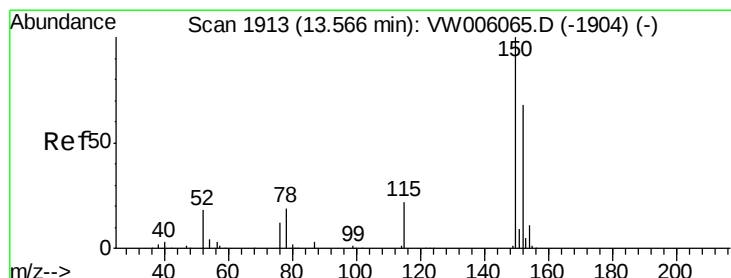
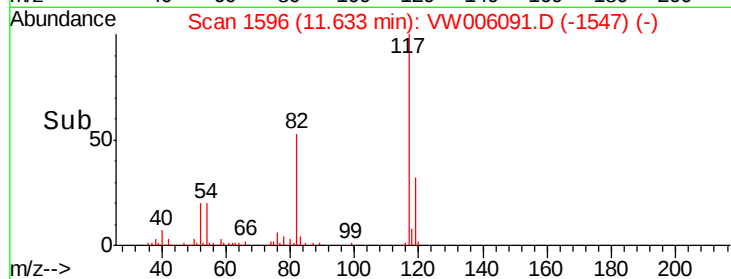
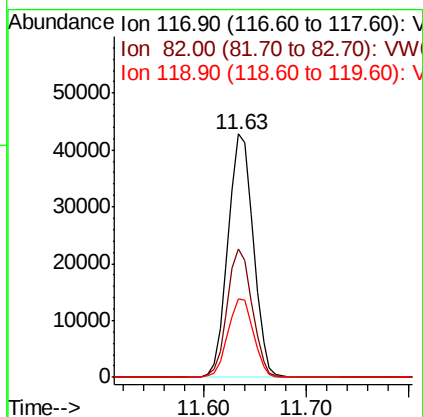
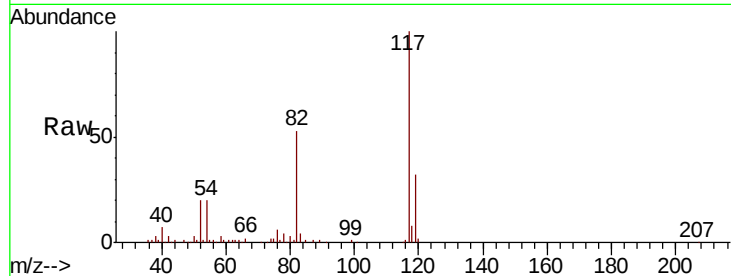




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006091.D
Acq: 16 Oct 2018 20:36

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.1	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: VW006091.D
Acq: 16 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	157.3	0.0	349.2

