

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006486.D
 Acq On : 30 Oct 2018 07:02
 Operator : SY/AP
 Sample : J5683-01RE
 Misc : 6.28G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-SAMPLERE

Quant Time: Oct 30 07:53:18 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

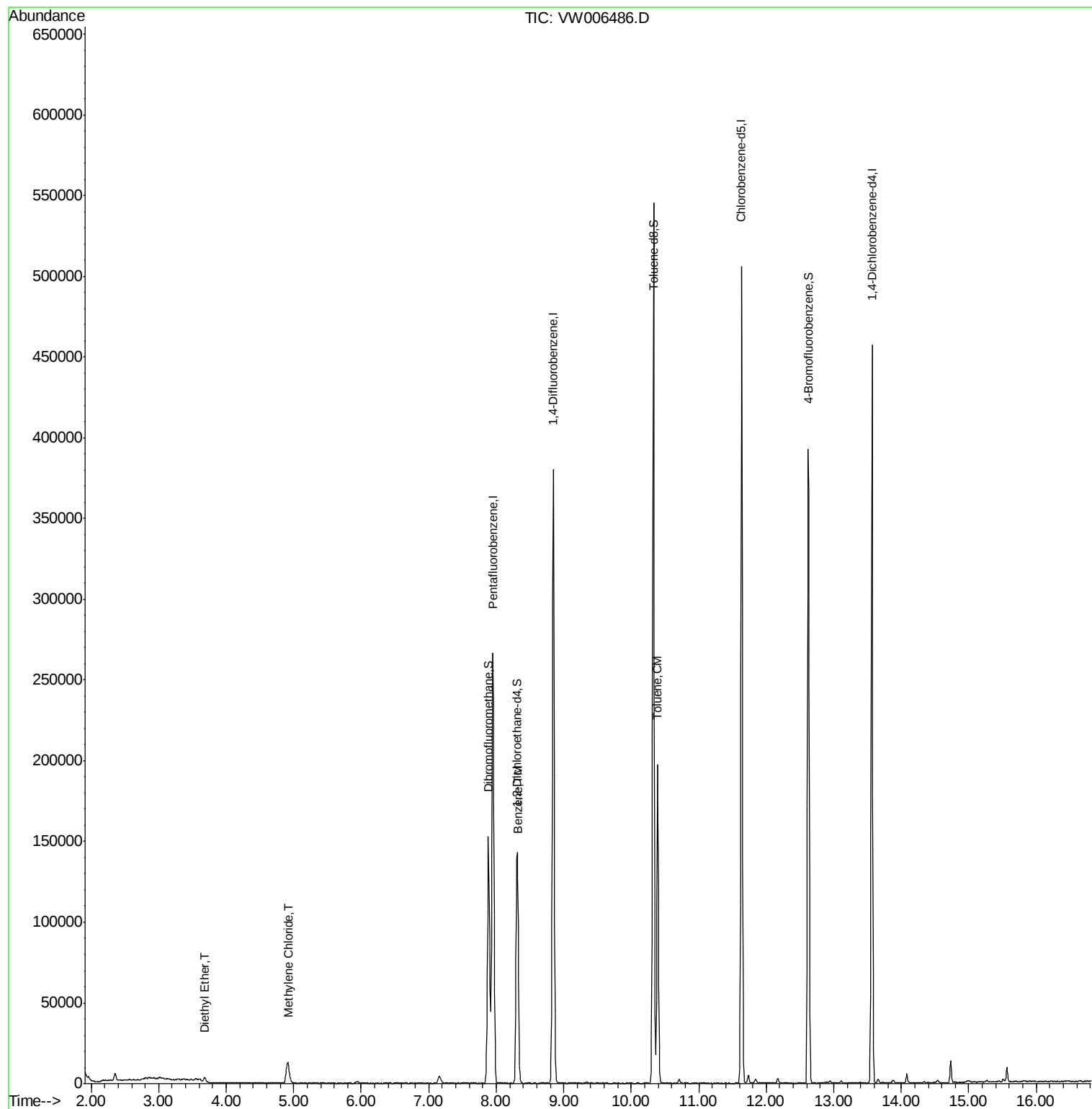
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	132075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107851	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
35) Dibromofluoromethane	7.88	113	107624	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.33	98	378345	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.62	95	121318	41.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.76%	
Target Compounds						
8) Diethyl Ether	3.68	74	1855	1.860	ug/l	92
20) Methylene Chloride	4.91	84	11043	4.192	ug/l	94
40) Benzene	8.32	78	19598	2.260	ug/l	98
52) Toluene	10.39	92	85166	14.646	ug/l	99

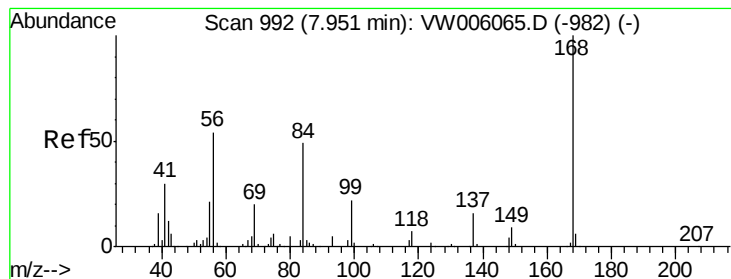
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006486.D

Acq: 30 Oct 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

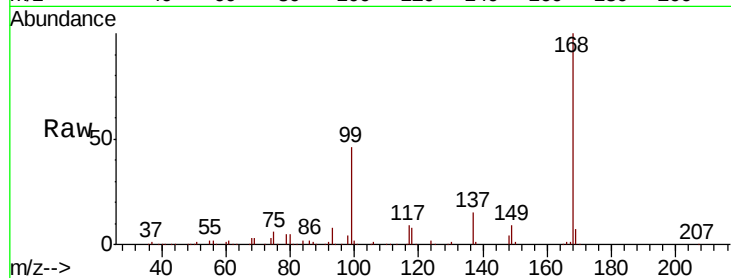
SP-SAMPLERE

Tot Ion:168 Resp: 221493

Ion Ratio Lower Upper

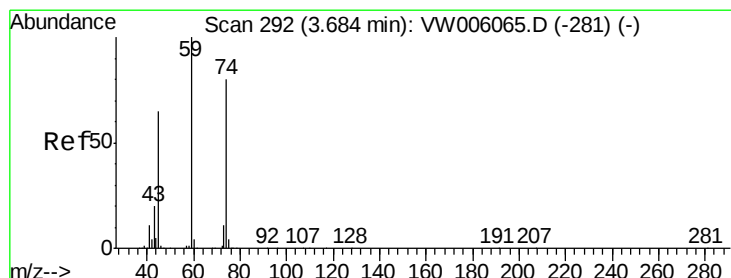
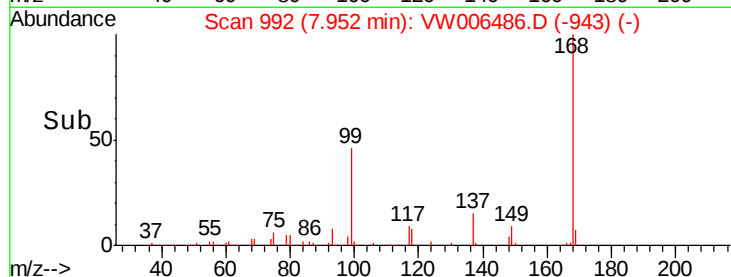
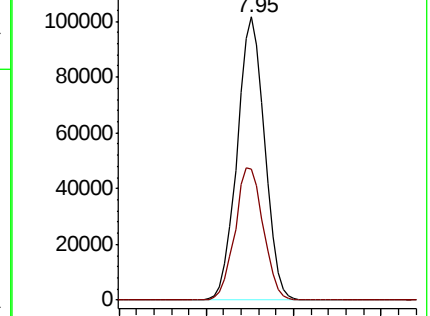
168 100

99 46.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.860 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006486.D

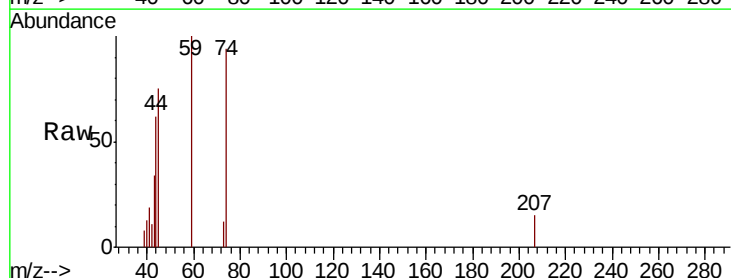
Acq: 30 Oct 2018 07:02

Tgt Ion: 74 Resp: 1855

Ion Ratio Lower Upper

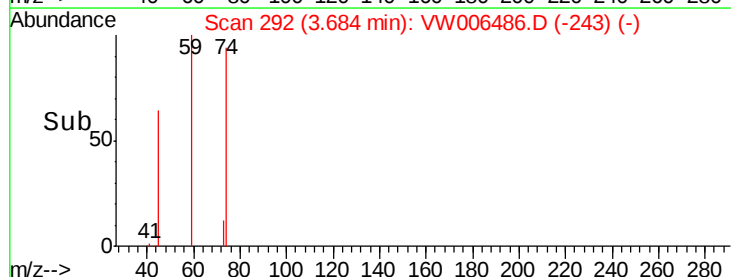
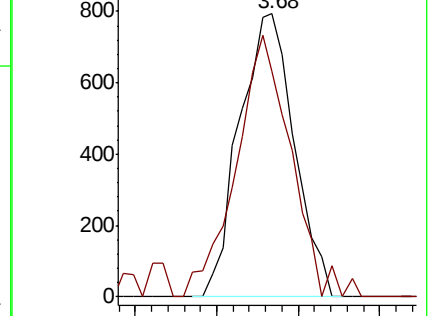
74 100

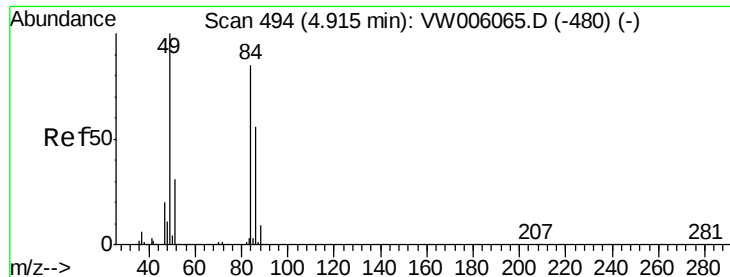
45 92.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#20

Methylene Chloride

Concen: 4.192 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006486.D

Acq: 30 Oct 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

SP-SAMPLER

Tot Ion: 84 Resp: 11043

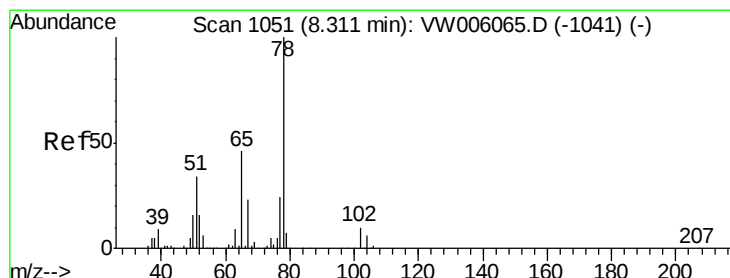
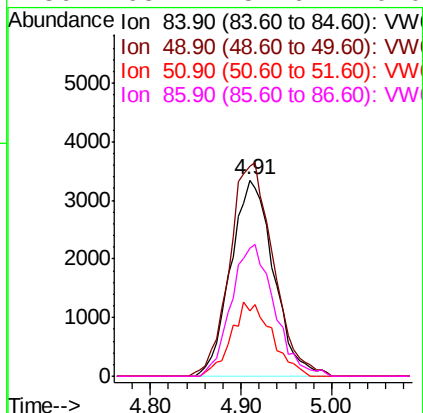
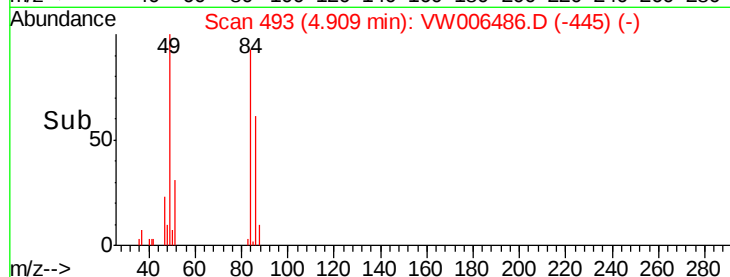
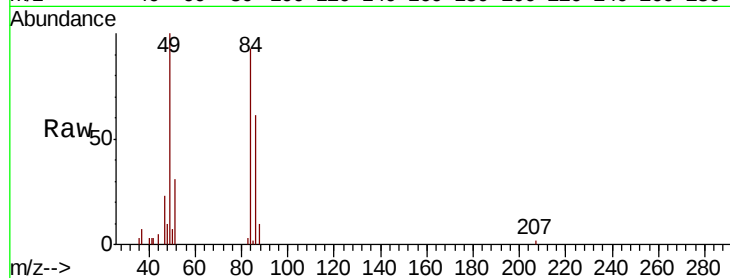
Ion Ratio Lower Upper

84 100

49 107.4 93.6 140.4

51 33.0 29.0 43.4

86 65.2 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 58.733 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006486.D

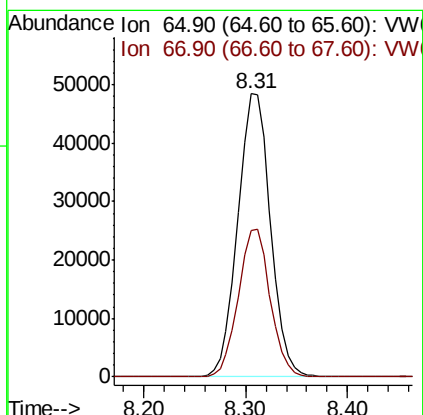
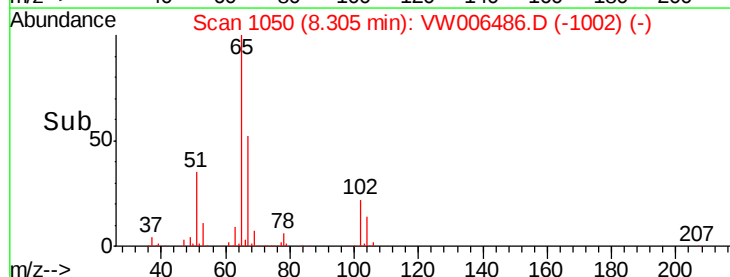
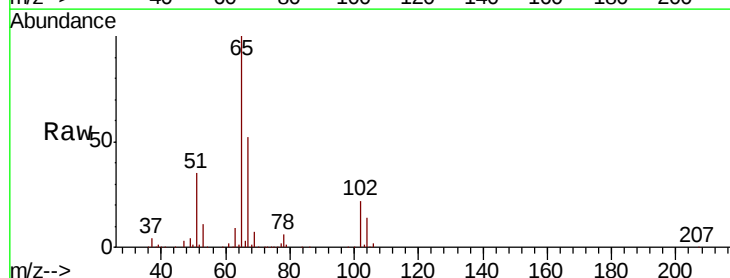
Acq: 30 Oct 2018 07:02

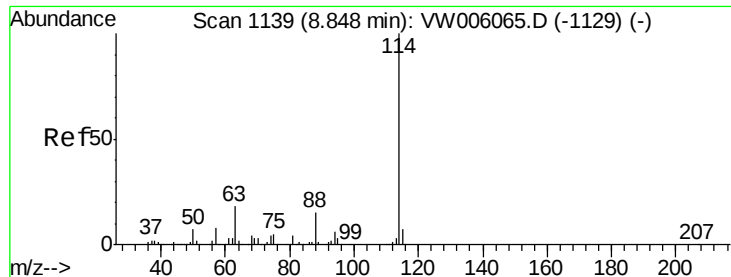
Tgt Ion: 65 Resp: 107851

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.0

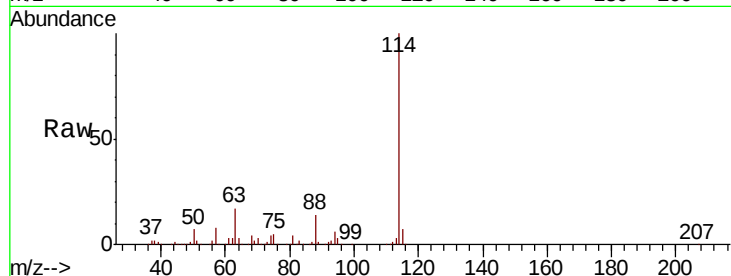




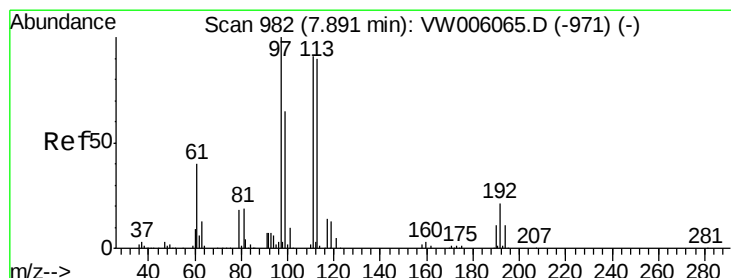
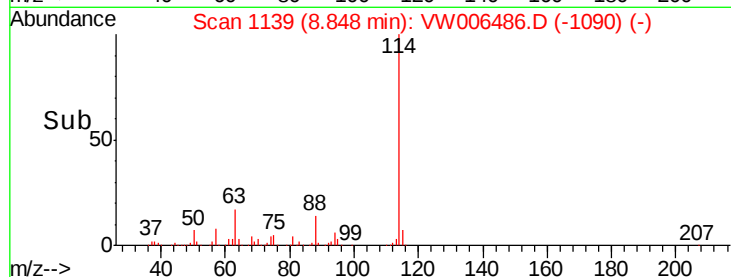
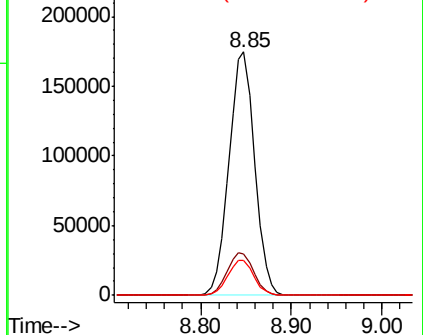
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006486.D
 Acq: 30 Oct 2018 07:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-SAMPLER

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	36.8
88	14.3	0.0	29.0

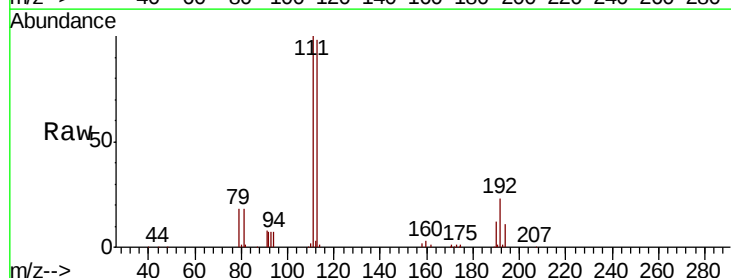


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

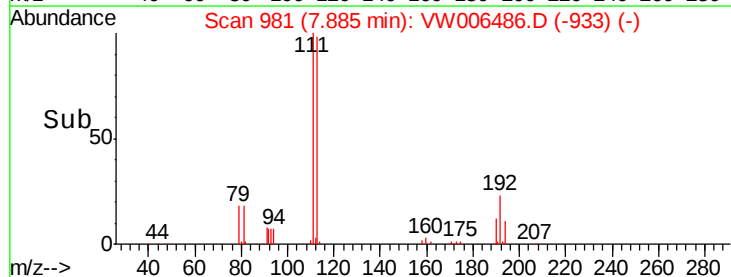
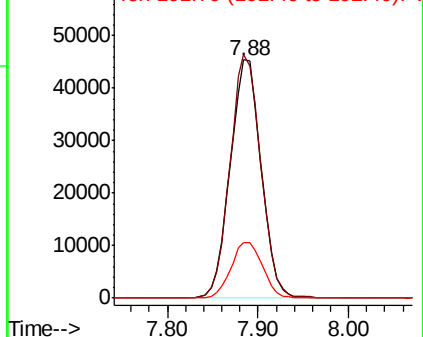


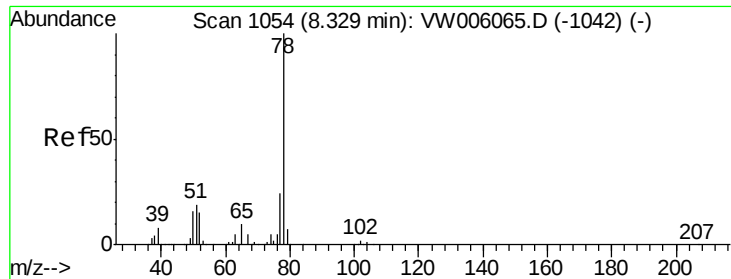
#35
 Dibromofluoromethane
 Concen: 53.094 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006486.D
 Acq: 30 Oct 2018 07:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	23.7	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





#40

Benzene

Concen: 2.260 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006486.D

Acq: 30 Oct 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

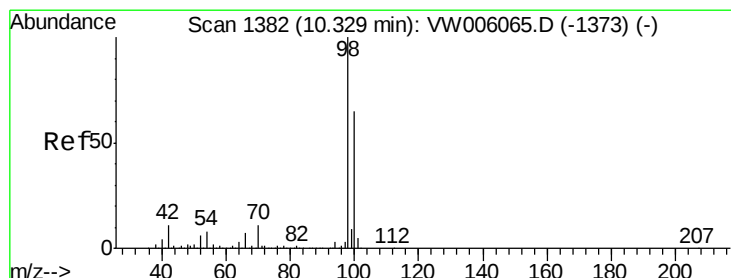
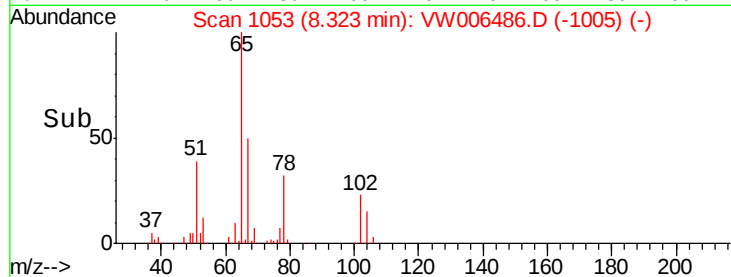
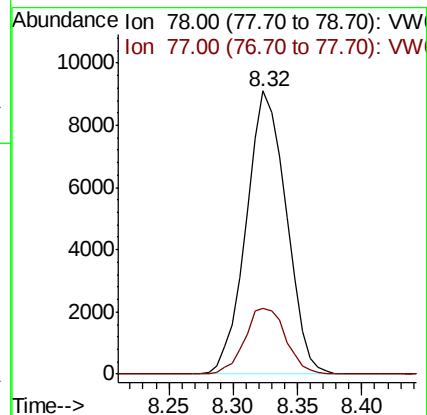
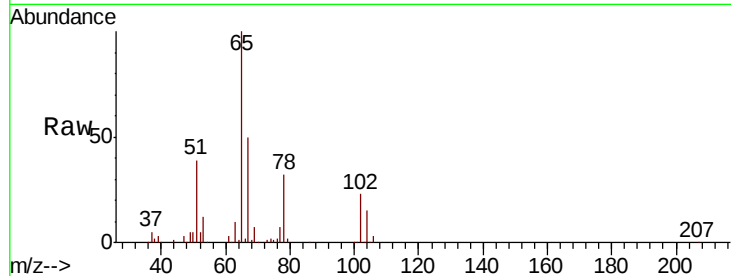
SP-SAMPLERE

Tot Ion: 78 Resp: 19598

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0



#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006486.D

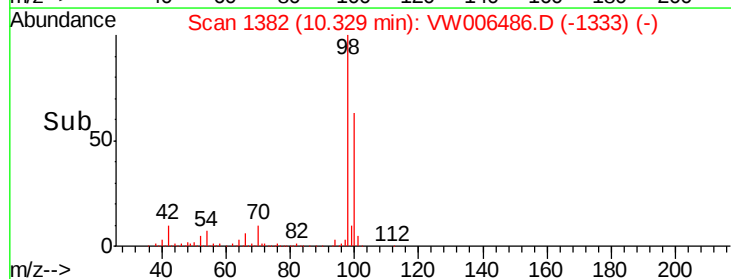
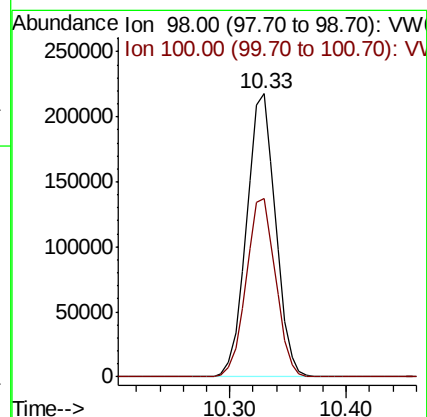
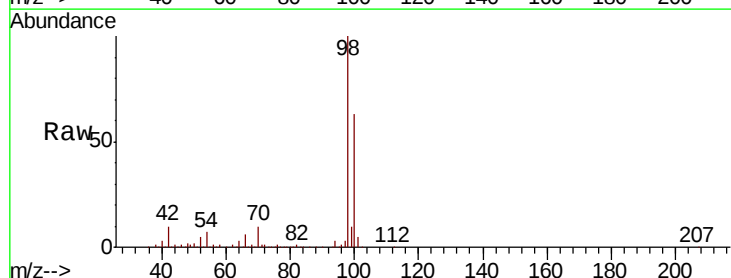
Acq: 30 Oct 2018 07:02

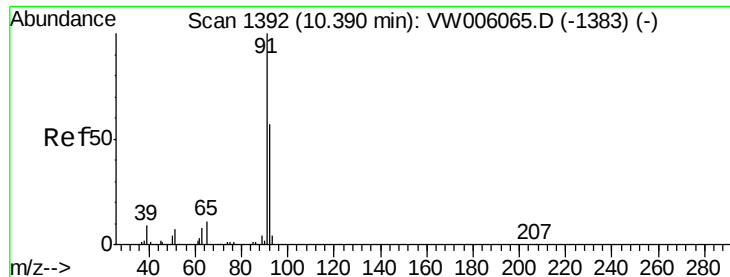
Tgt Ion: 98 Resp: 378345

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#52

Toluene

Concen: 14.646 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006486.D

Acq: 30 Oct 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

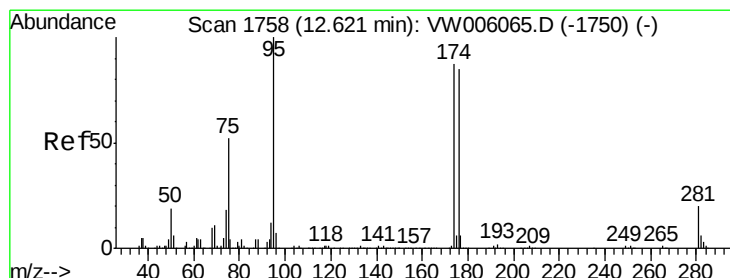
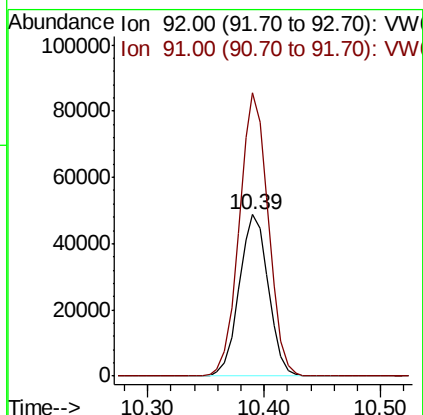
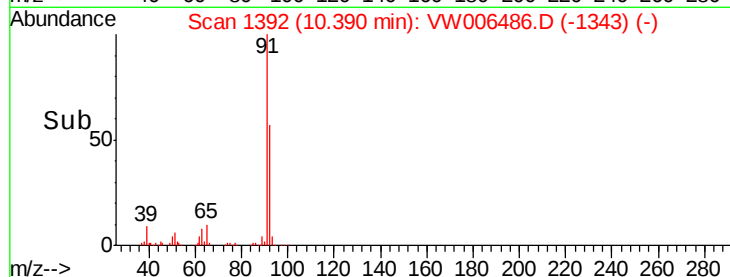
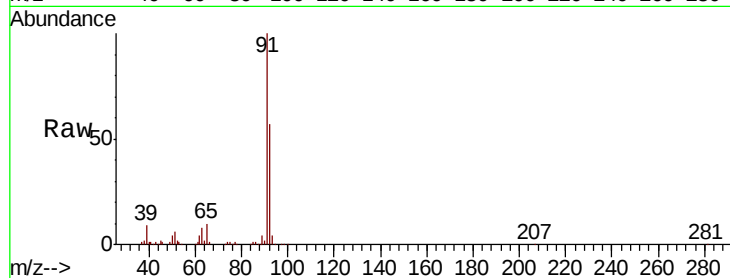
SP-SAMPLER

Tot Ion: 92 Resp: 85166

Ion Ratio Lower Upper

92 100

91 173.7 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 41.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006486.D

Acq: 30 Oct 2018 07:02

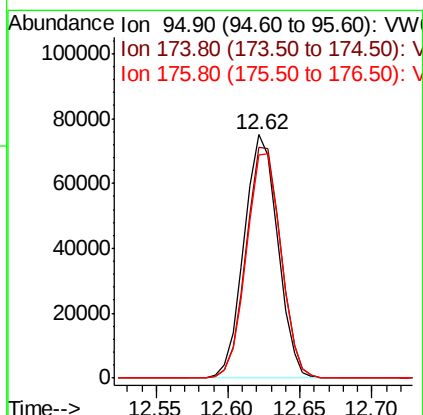
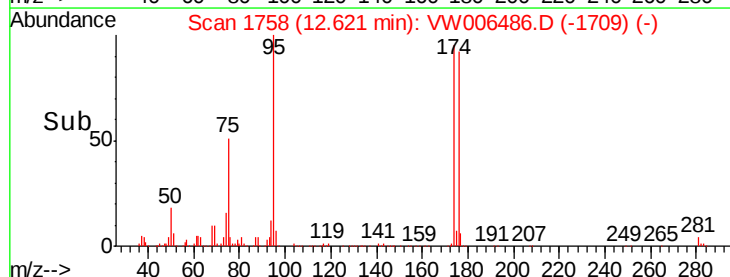
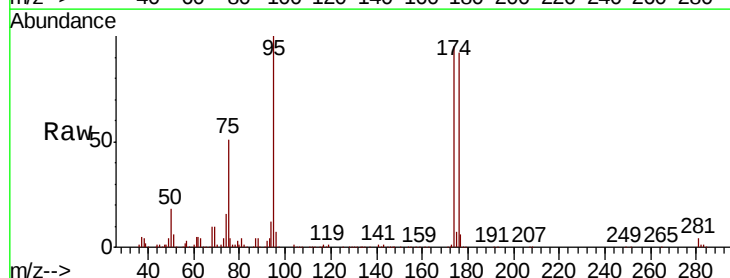
Tgt Ion: 95 Resp: 121318

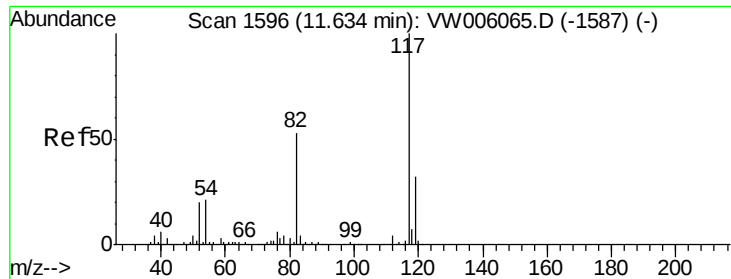
Ion Ratio Lower Upper

95 100

174 97.2 0.0 186.0

176 94.7 0.0 181.6

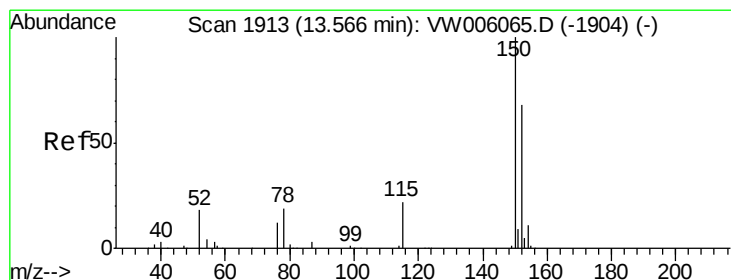
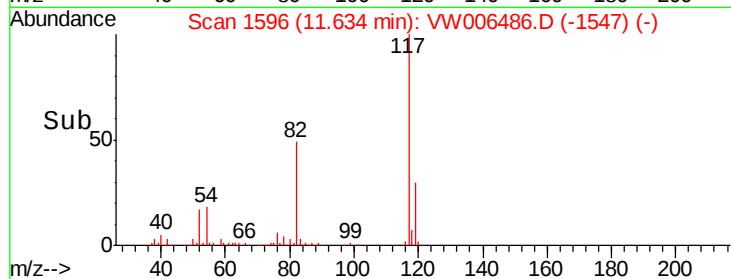
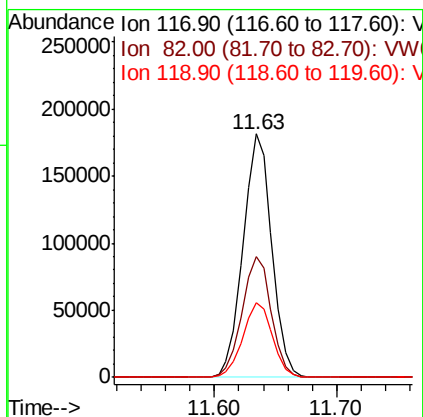
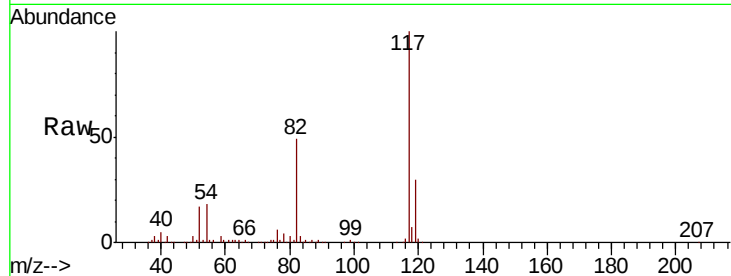




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006486.D
Acq: 30 Oct 2018 07:02

Instrument :
MSVOA_W
ClientSampleId :
SP-SAMPLERE

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.1	63.1
119	30.4	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: VW006486.D
Acq: 30 Oct 2018 07:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.8	83.3
150	156.0	0.0	349.2

