

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003985.D
 Acq On : 17 Jul 2018 15:18
 Operator : VA/AP
 Sample : J3980-03RE
 Misc : 5.30/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-E-MH-SRE

Quant Time: Jul 17 16:01:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	217535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	109821	74.28	ug/l	0.00
Spiked Amount			Recovery	=	148.56%	
35) Dibromofluoromethane	7.88	113	93036	66.66	ug/l	0.00
Spiked Amount			Recovery	=	133.32%	
50) Toluene-d8	10.33	98	276427	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	66042	33.82	ug/l	0.00
Spiked Amount			Recovery	=	67.64%	

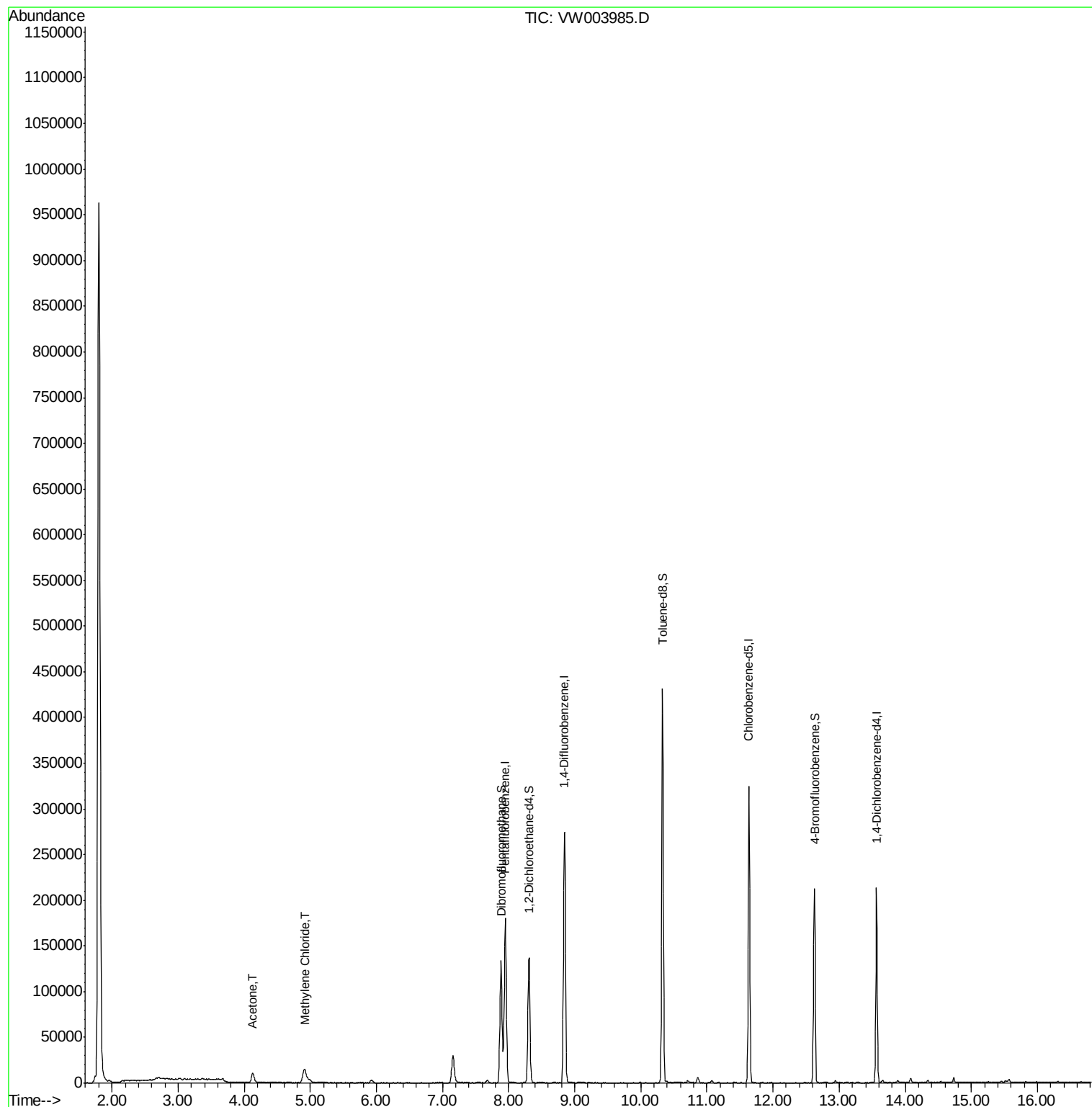
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	17640	49.65	ug/l	97
20) Methylene Chloride	4.91	84	14094	1.33	ug/l	97

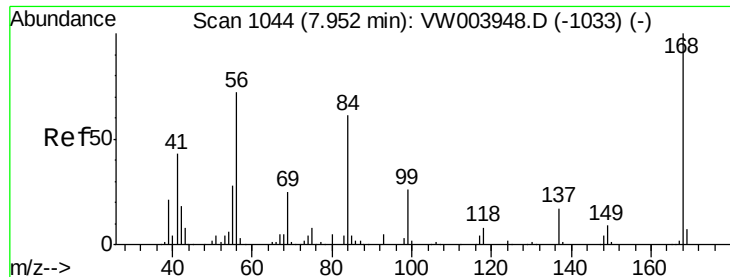
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003985.D

Acq: 17 Jul 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

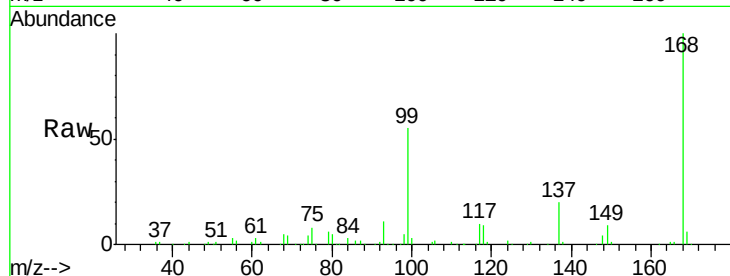
TP-E-MH-SRE

Tot Ion:168 Resp: 132274

Ion Ratio Lower Upper

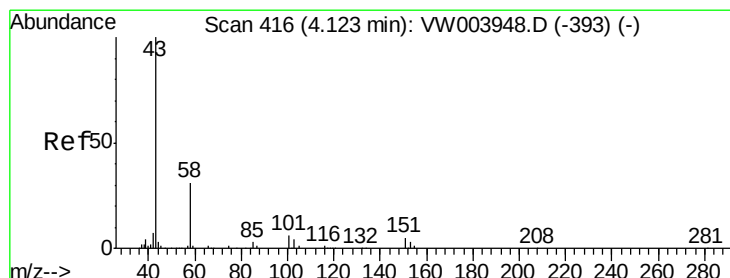
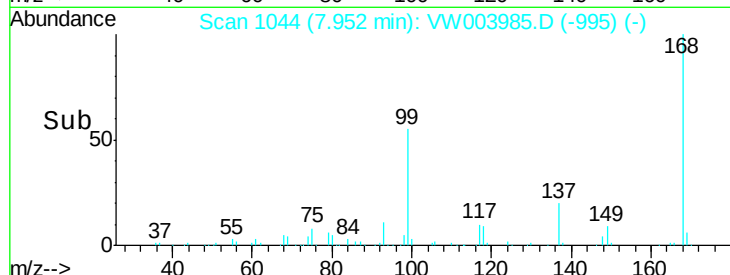
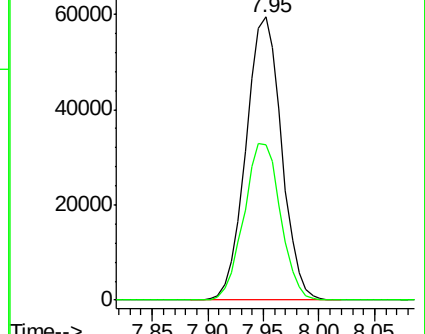
168 100

99 54.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.65 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003985.D

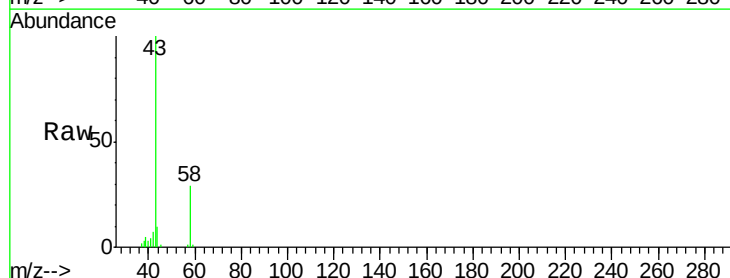
Acq: 17 Jul 2018 15:18

Tgt Ion: 43 Resp: 17640

Ion Ratio Lower Upper

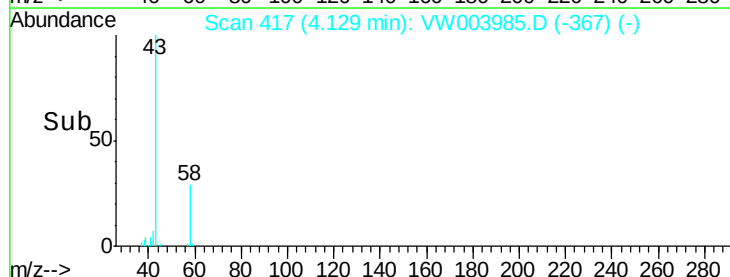
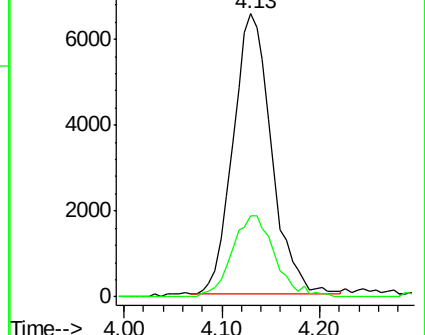
43 100

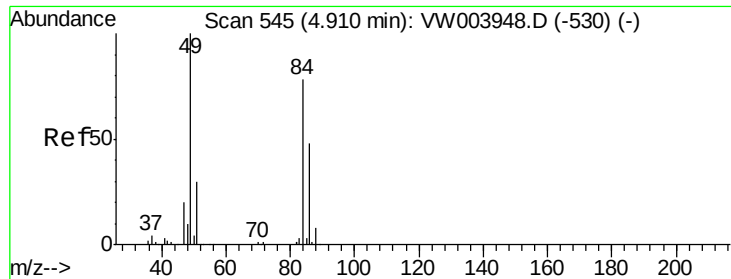
58 28.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

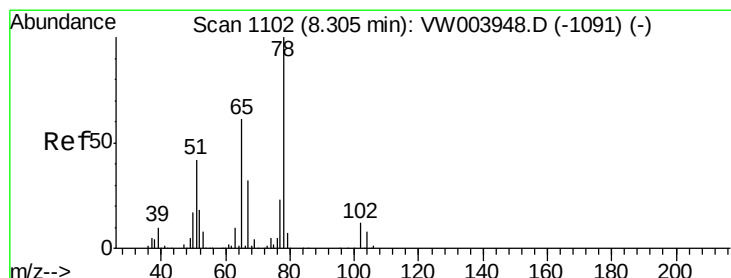
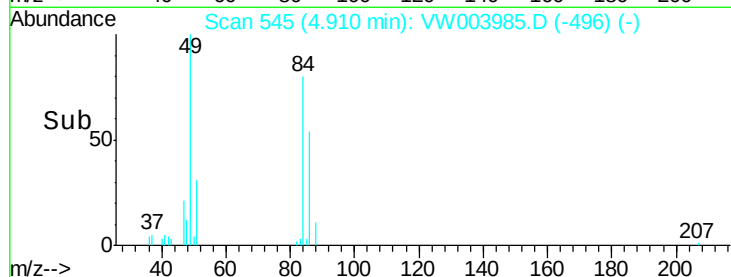
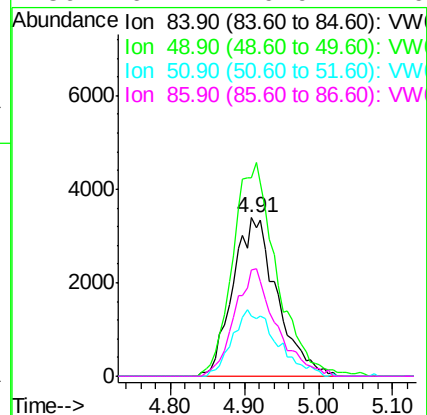
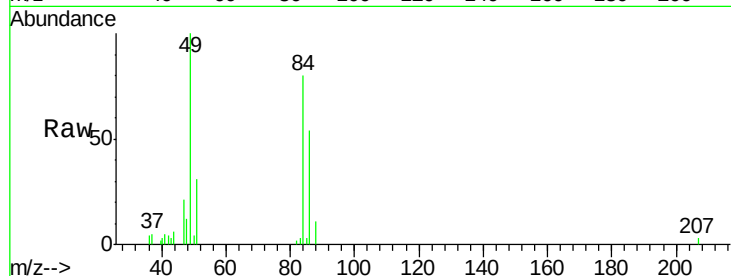




#20
Methvlene Chloride
Concen: 1.33 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003985.D
Acq: 17 Jul 2018 15:18

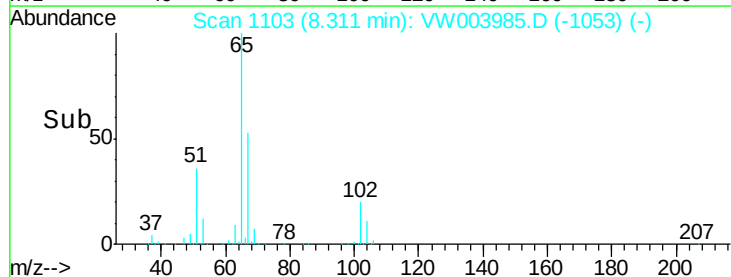
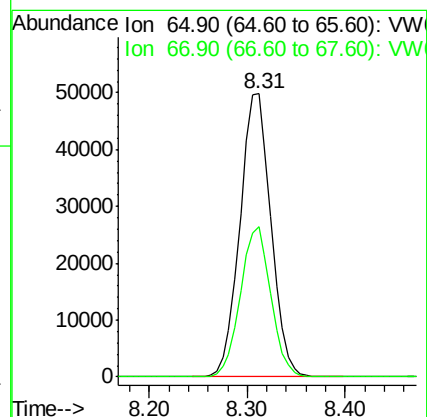
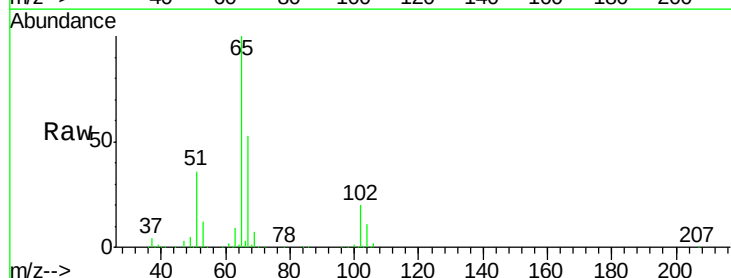
Instrument :
MSVOA_W
ClientSampleId :
TP-E-MH-SRE

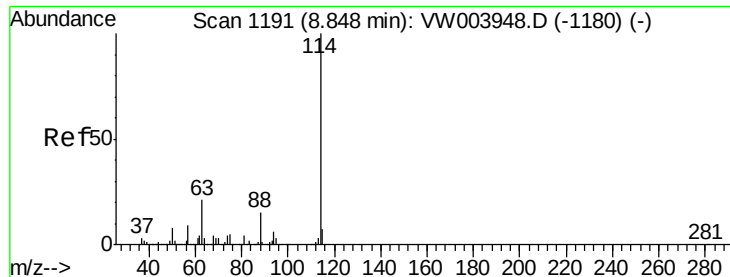
Tot Ion:	84	Resp:	14094
Ion	Ratio	Lower	Upper
84	100		
49	125.1	102.9	154.3
51	38.3	30.9	46.3
86	67.1	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 74.28 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003985.D
Acq: 17 Jul 2018 15:18

Tgt Ion:	65	Resp:	109821
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.0

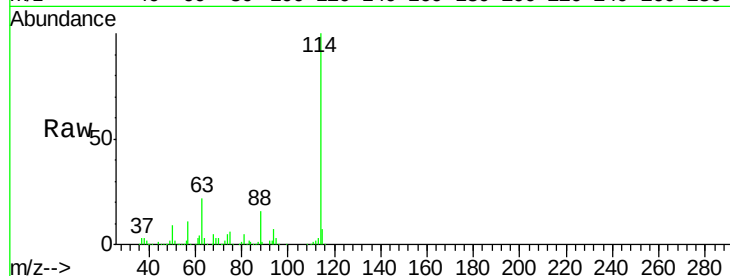




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003985.D
 Acq: 17 Jul 2018 15:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-E-MH-SRE

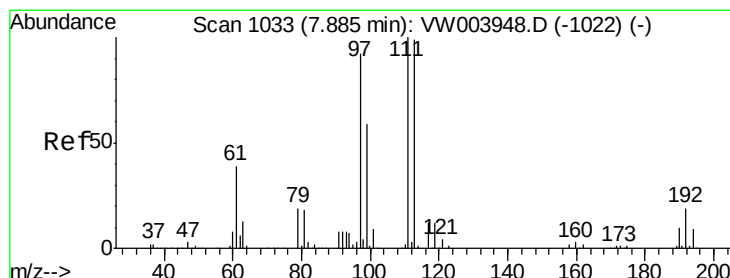
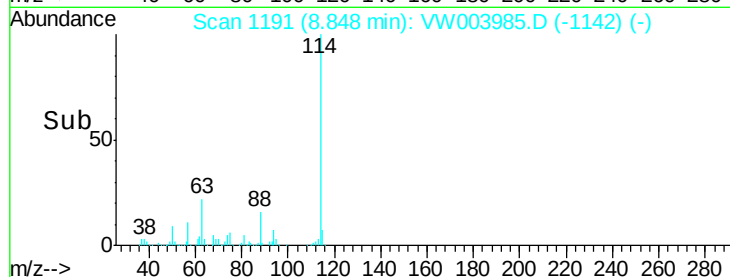
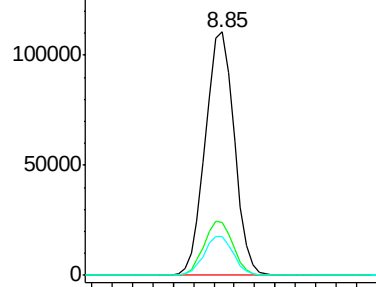
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

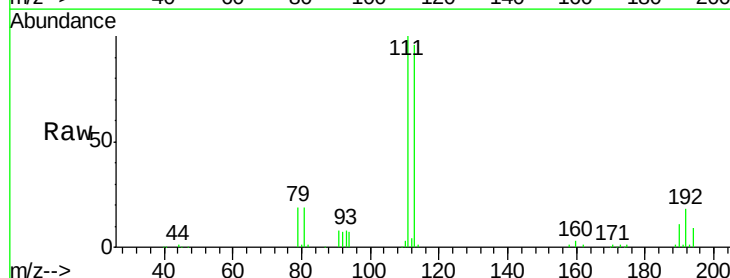
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 66.66 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003985.D
 Acq: 17 Jul 2018 15:18

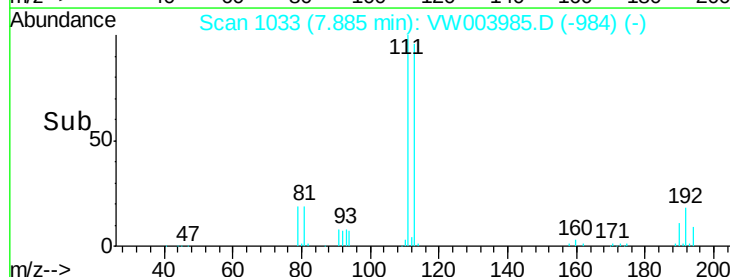
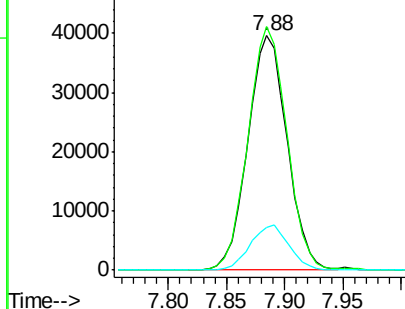
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	18.8	15.8	23.6

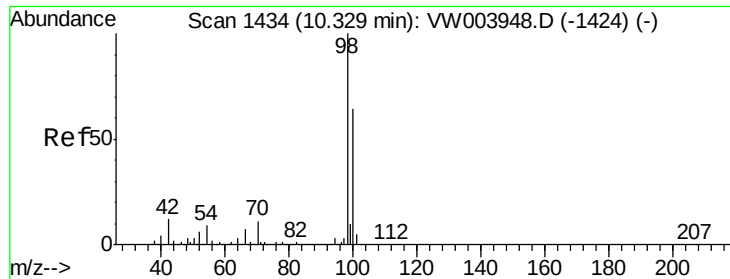


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.04 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003985.D

Acq: 17 Jul 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

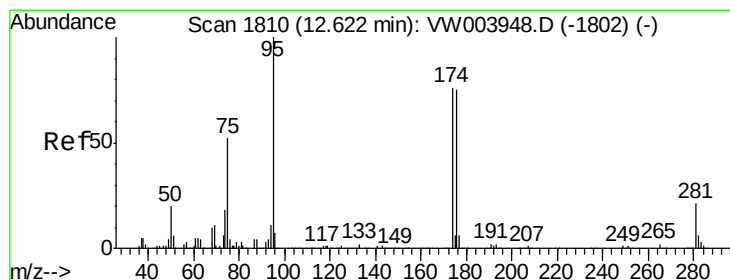
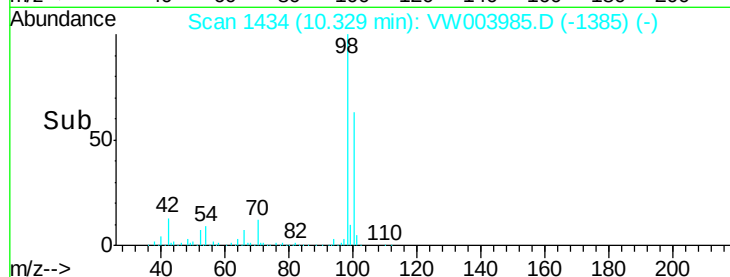
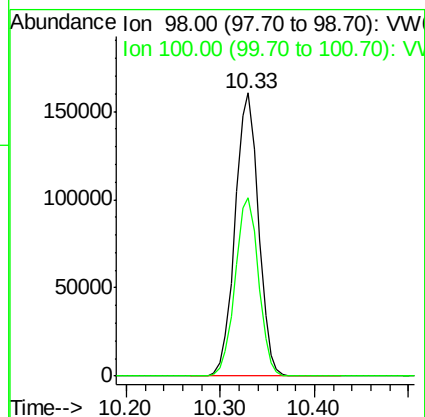
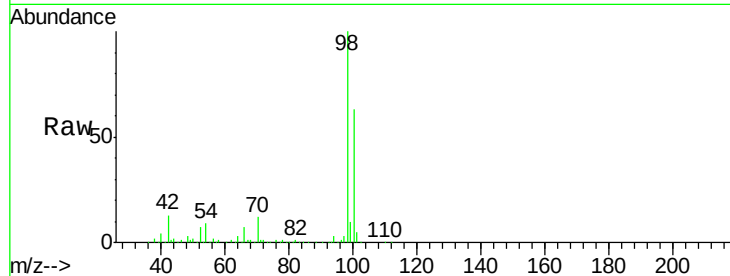
TP-E-MH-SRE

Tot Ion: 98 Resp: 276427

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 33.82 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003985.D

Acq: 17 Jul 2018 15:18

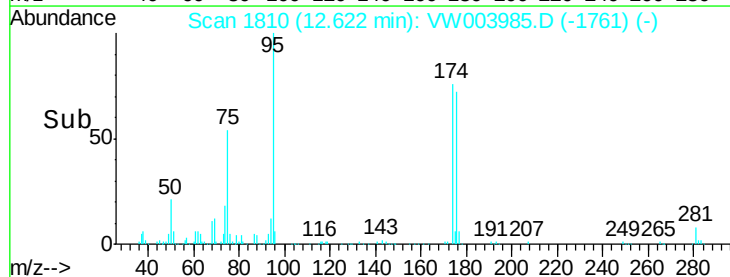
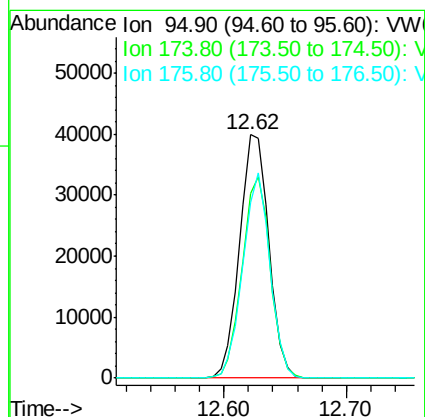
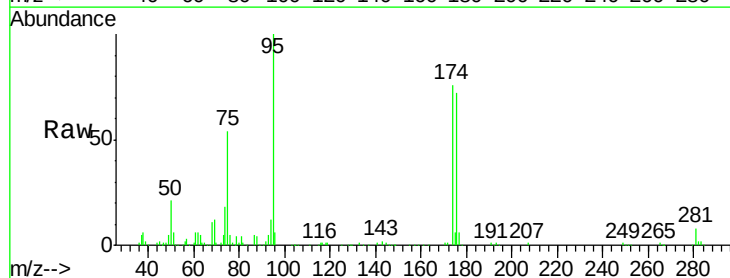
Tgt Ion: 95 Resp: 66042

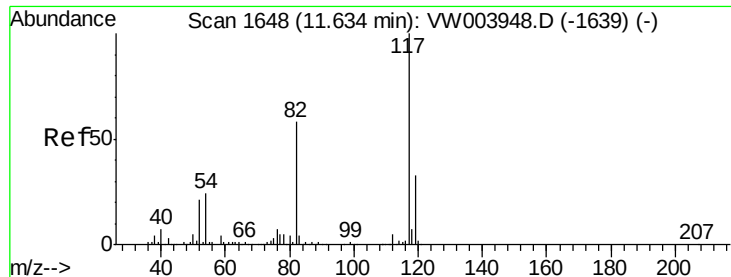
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.2

176 78.5 0.0 155.8

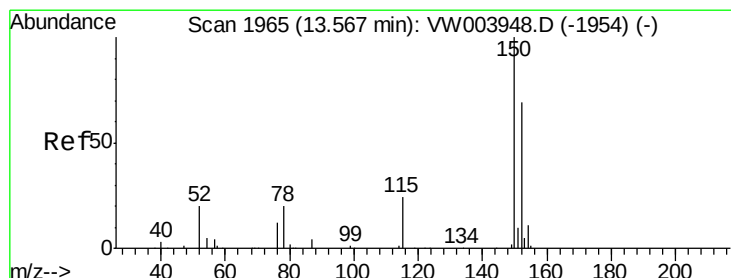
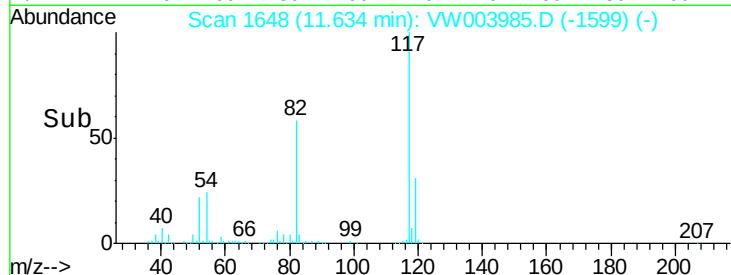
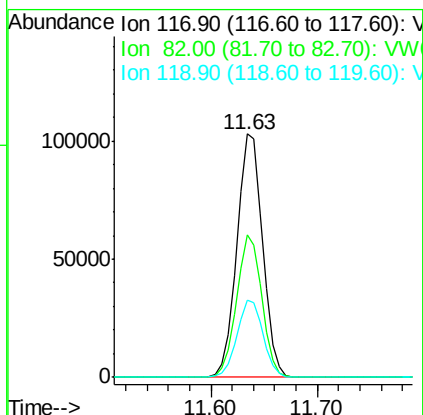
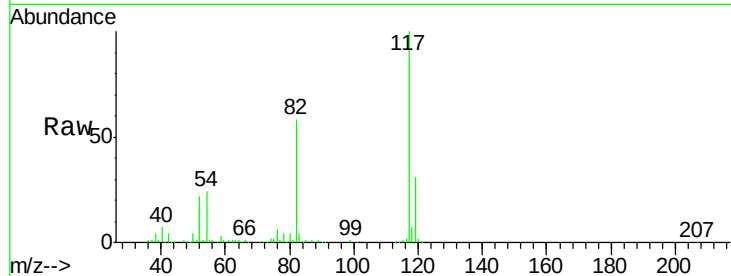




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003985.D
Acq: 17 Jul 2018 15:18

Instrument :
MSVOA_W
ClientSampleId :
TP-E-MH-SRE

Tot Ion:117 Resp: 174684
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003985.D
Acq: 17 Jul 2018 15:18

Tgt Ion:152 Resp: 52204
Ion Ratio Lower Upper
152 100
115 59.4 29.2 87.6
150 157.3 0.0 345.2

