

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004023.D
 Acq On : 18 Jul 2018 09:55
 Operator : VA/AP
 Sample : J3997-15RE
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-DRE

Quant Time: Jul 18 11:09:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127314	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	125396	76.54	ug/l	0.00
Spiked Amount			Recovery	=	153.08%	
35) Dibromofluoromethane	7.89	113	106691	59.74	ug/l	0.00
Spiked Amount			Recovery	=	119.48%	
50) Toluene-d8	10.33	98	364168	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.63	95	128775	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

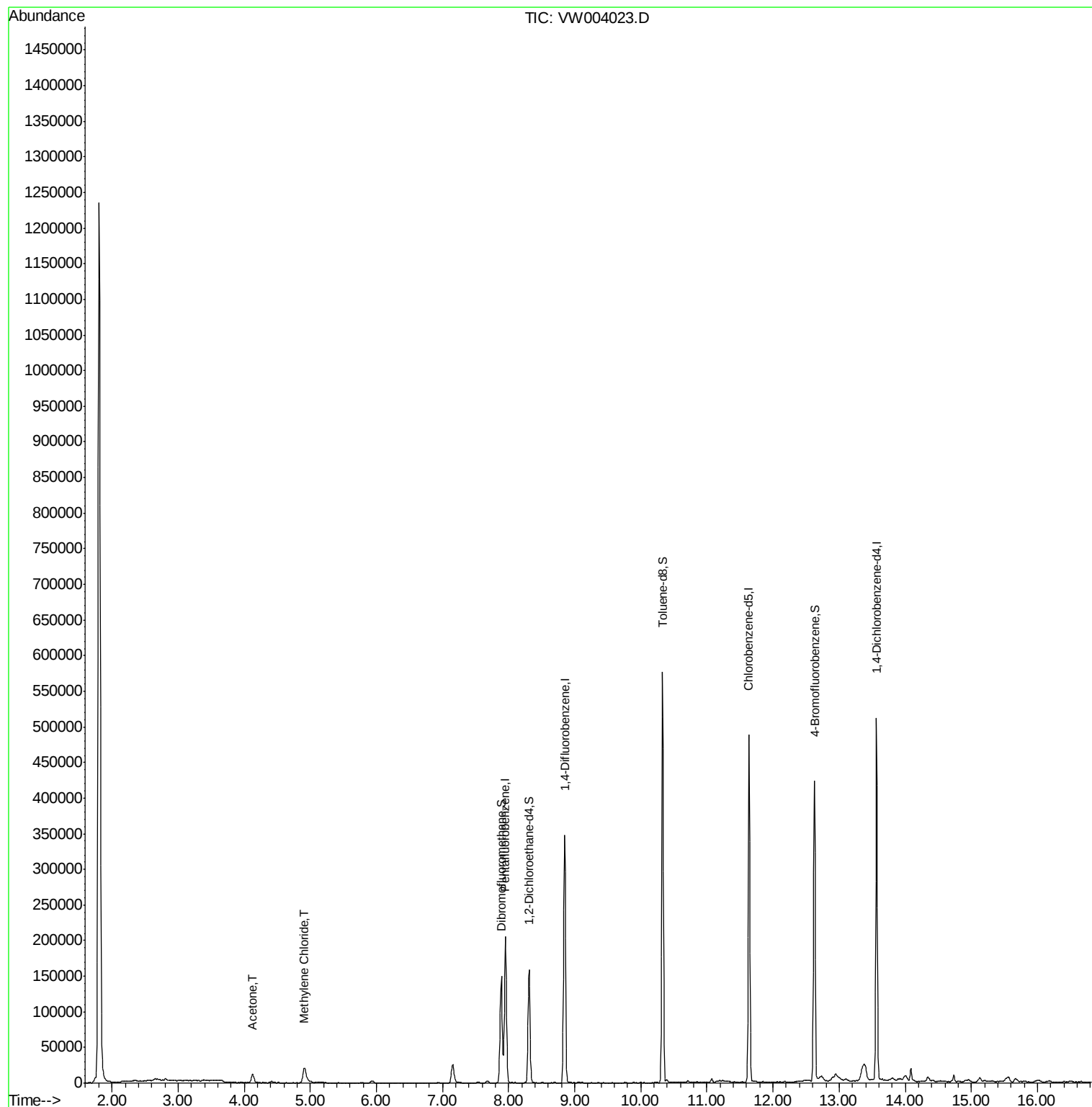
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	21168	53.77	ug/l	99
20) Methylene Chloride	4.91	84	18307	3.17	ug/l	96

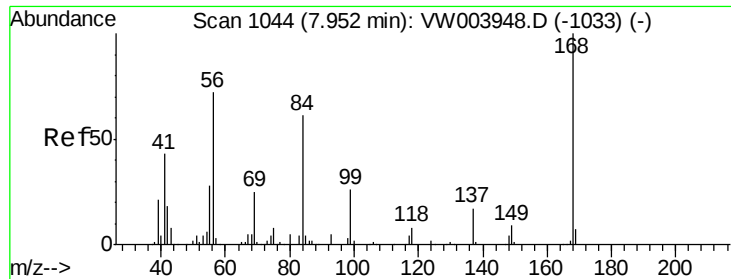
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

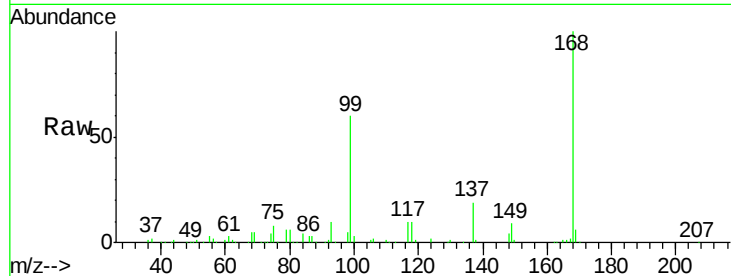
TP-H-DRE

Tot Ion:168 Resp: 146560

Ion Ratio Lower Upper

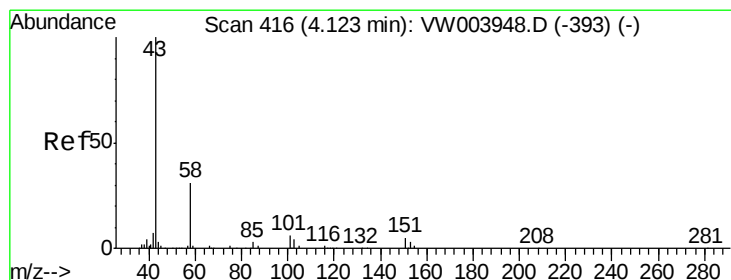
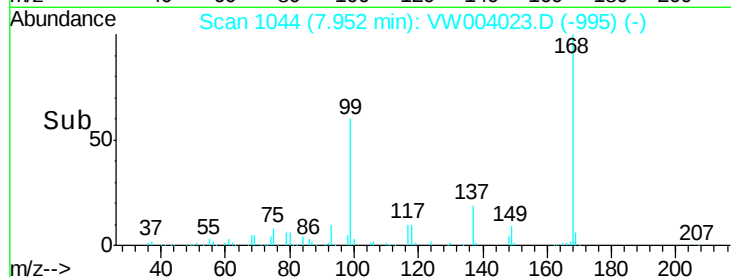
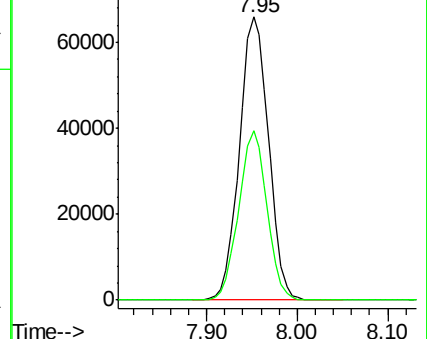
168 100

99 59.8 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: 53.77 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004023.D

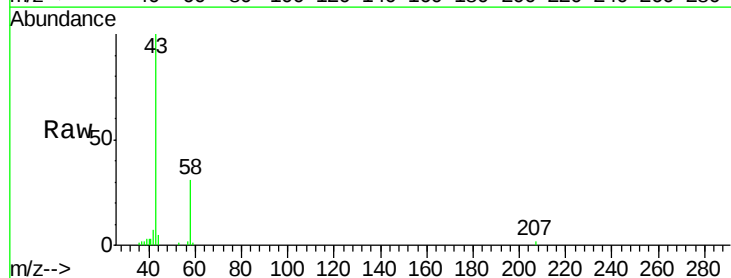
Acq: 18 Jul 2018 09:55

Tgt Ion: 43 Resp: 21168

Ion Ratio Lower Upper

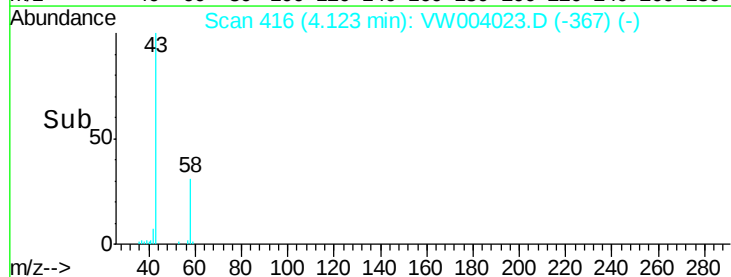
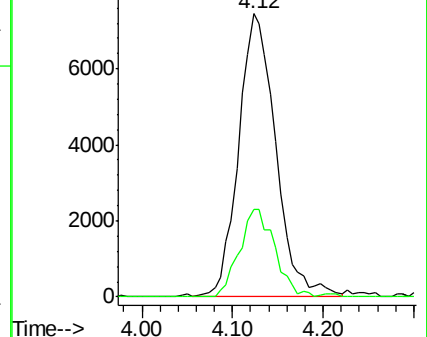
43 100

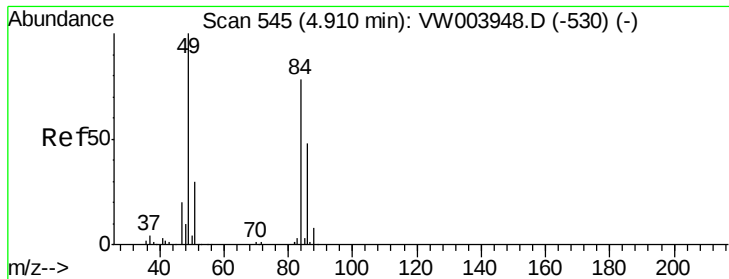
58 31.0 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

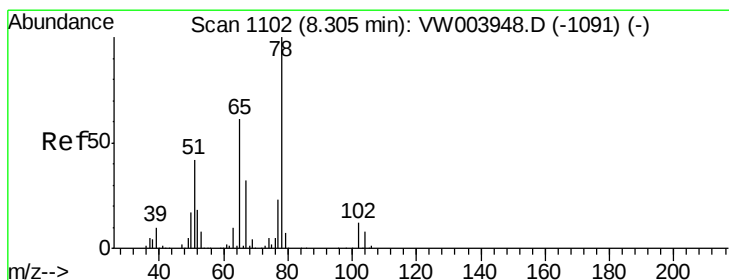
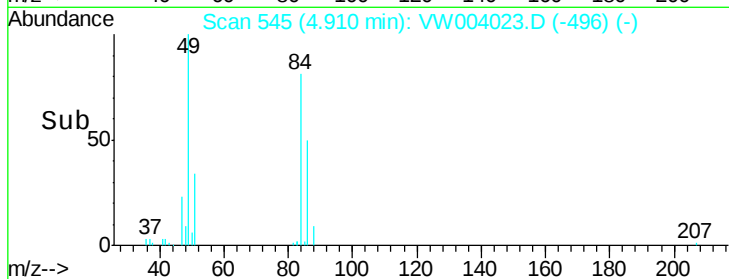
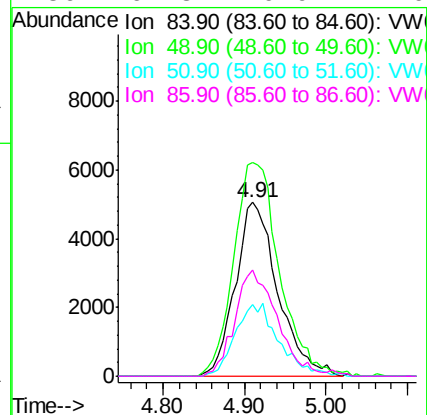
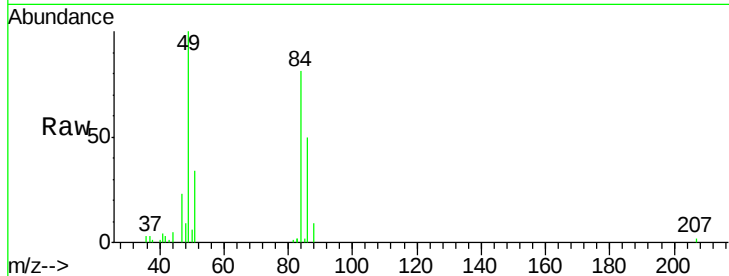




#20
Methvlene Chloride
Concen: 3.17 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

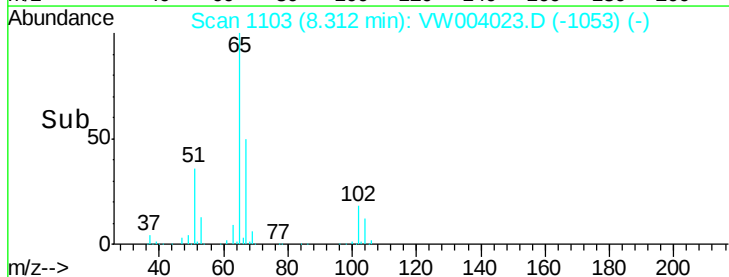
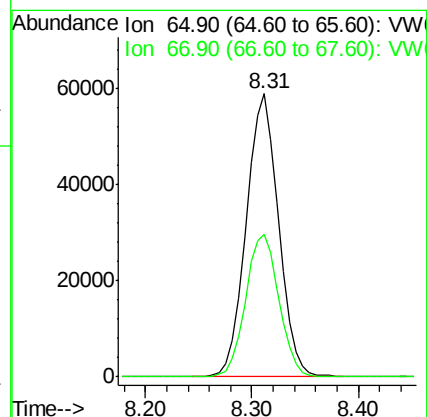
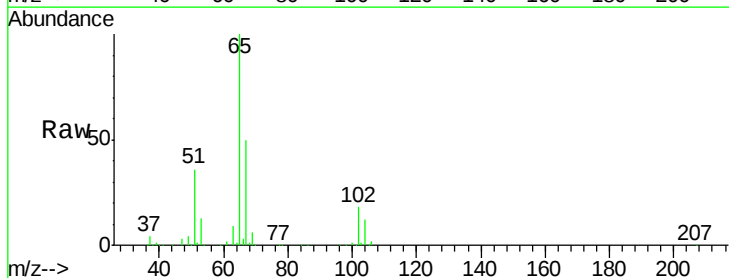
Instrument :
MSVOA_W
ClientSampleId :
TP-H-DRE

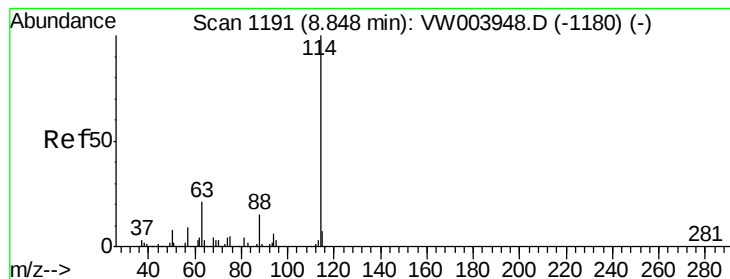
Tot Ion:	84	Resp:	18307
Ion	Ratio	Lower	Upper
84	100		
49	122.9	102.9	154.3
51	41.4	30.9	46.3
86	61.3	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 76.54 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

Tgt Ion:	65	Resp:	125396
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

TP-H-DRE

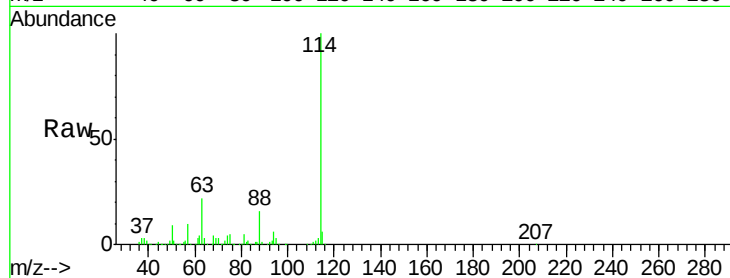
Tot Ion:114 Resp: 278339

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.8

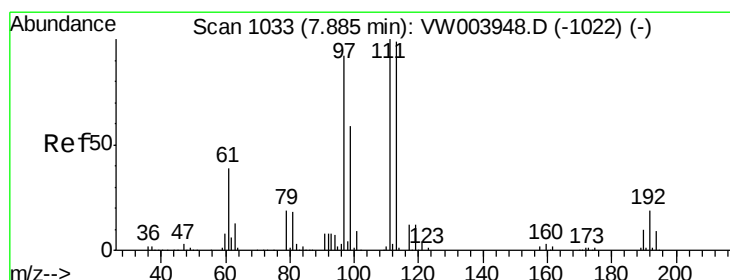
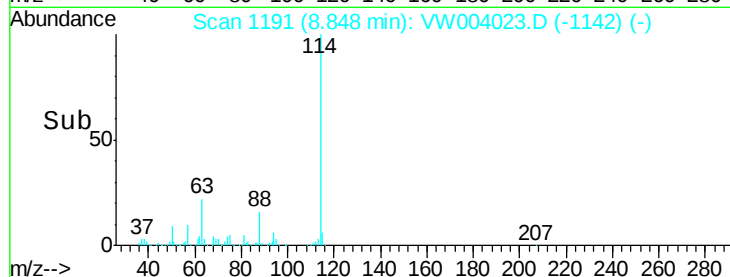
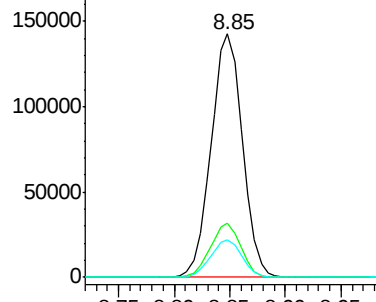
88 15.6 0.0 30.4



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: 59.74 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

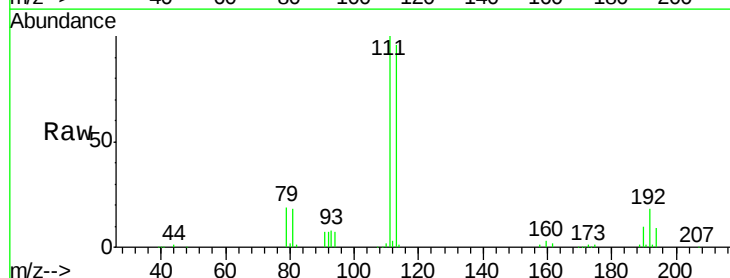
Tgt Ion:113 Resp: 106691

Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

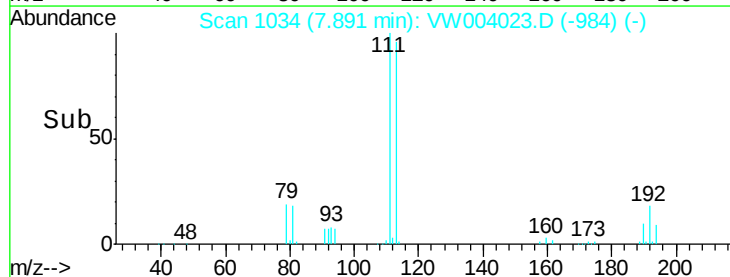
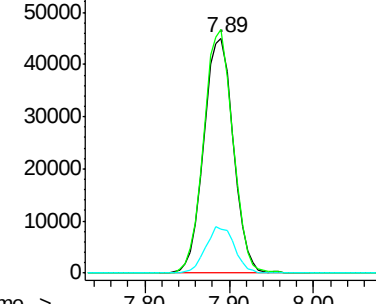
192 19.2 15.8 23.6

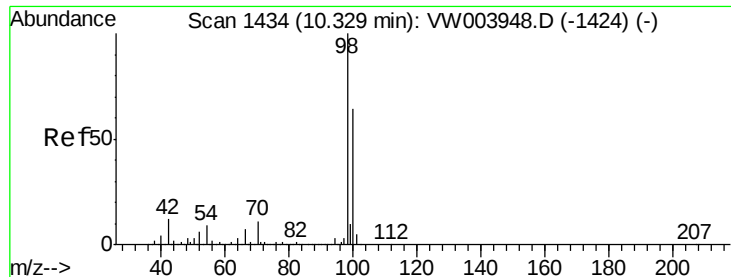


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.55 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

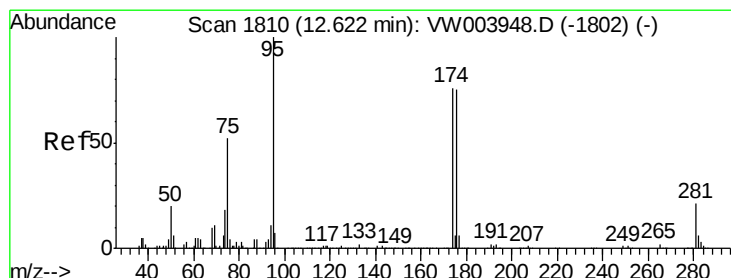
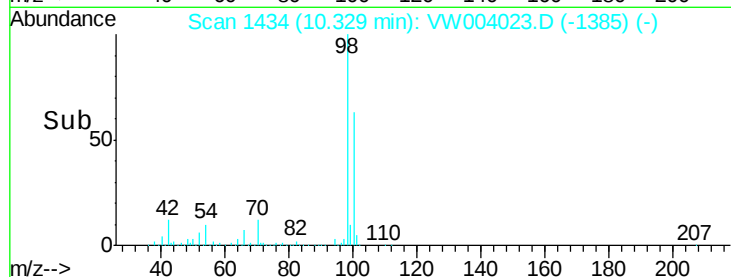
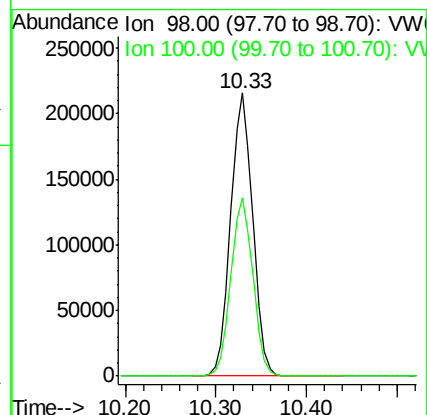
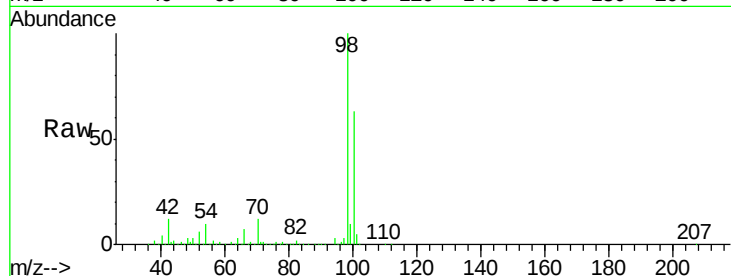
TP-H-DRE

Tot Ion: 98 Resp: 364168

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 51.53 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

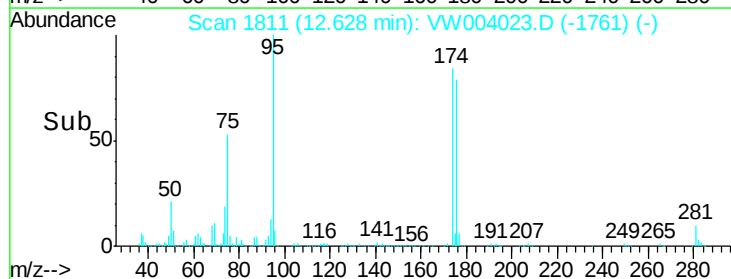
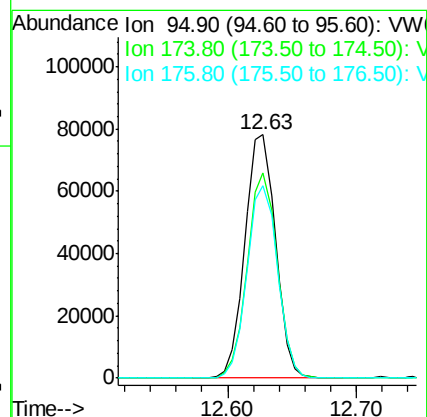
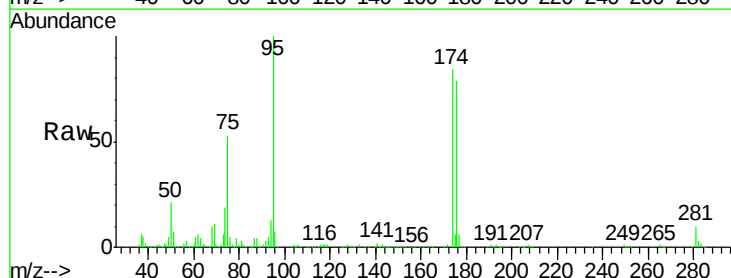
Tgt Ion: 95 Resp: 128775

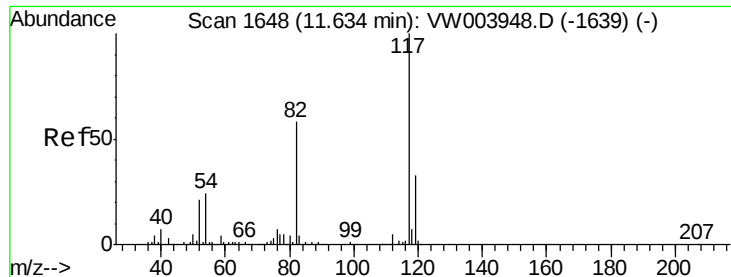
Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.2

176 78.5 0.0 155.8

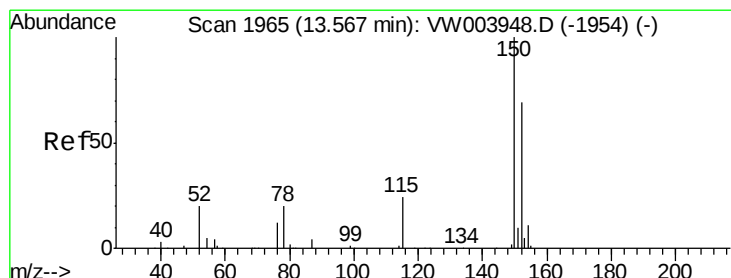
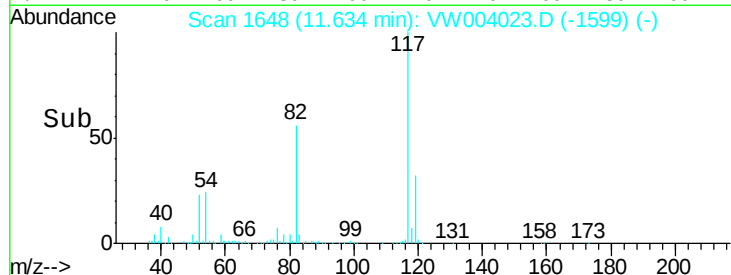
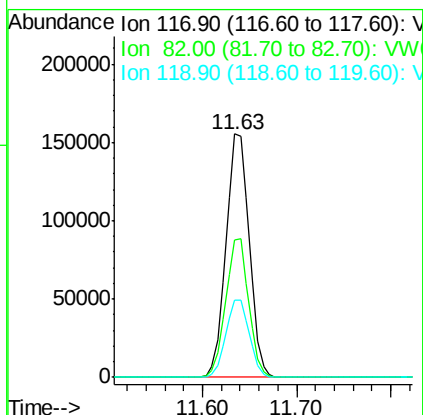
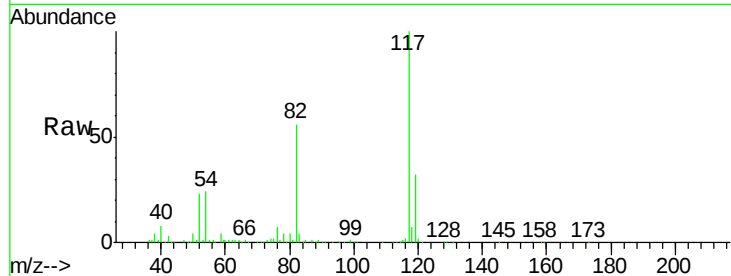




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

Instrument :
MSVOA_W
ClientSampleId :
TP-H-DRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.5	69.7
119	31.8	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: VW004023.D
Acq: 18 Jul 2018 09:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.2	87.6
150	154.5	0.0	345.2

