

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002393.D
 Acq On : 10 May 2018 20:37
 Operator : JC/SY
 Sample : J2730-08RE
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(80-82)RE

Quant Time: May 11 05:49:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

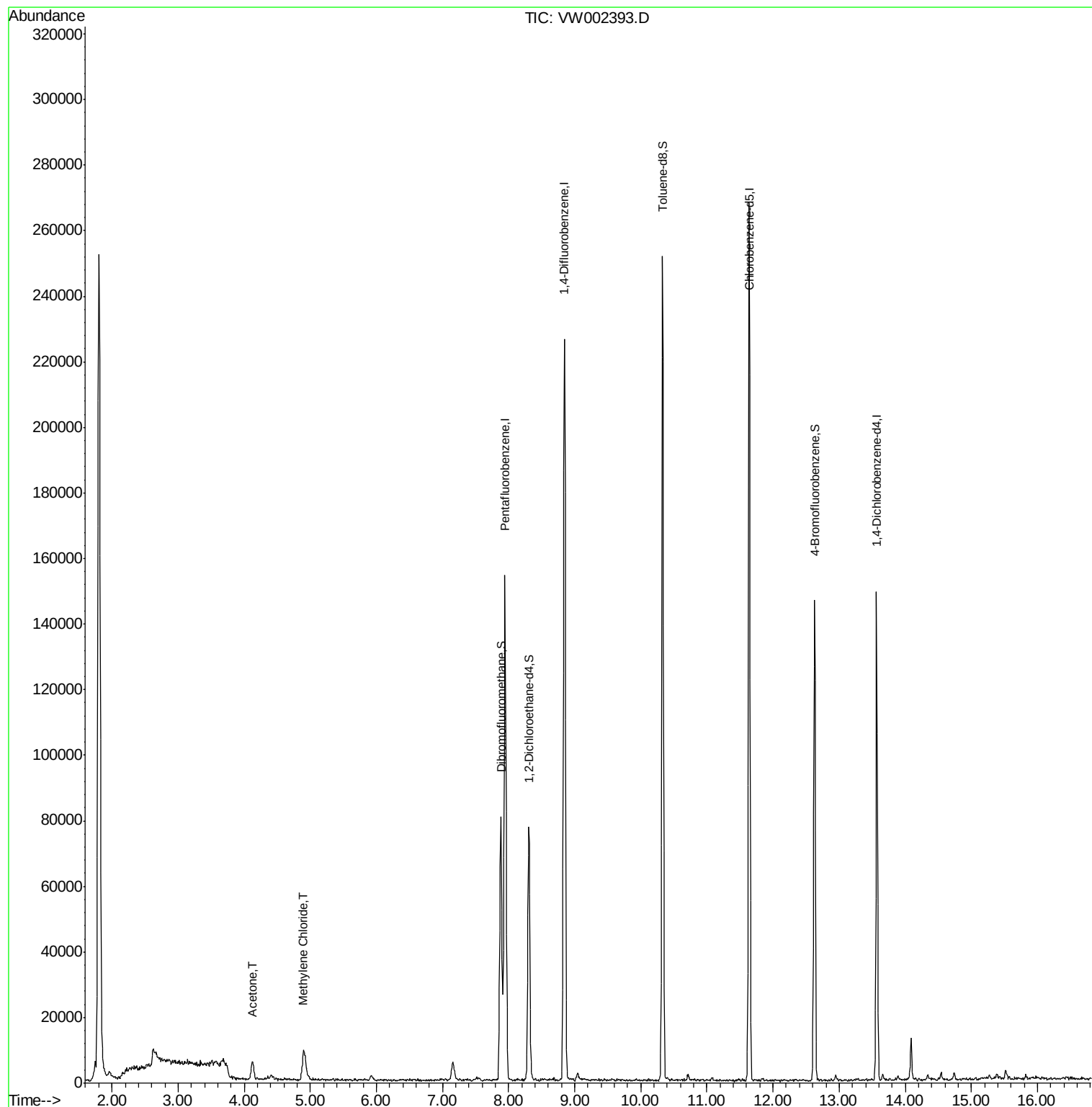
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	149756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58805	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	7.88	113	55471	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
50) Toluene-d8	10.33	98	164470	34.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.00%	
62) 4-Bromofluorobenzene	12.63	95	39658	23.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.04%	
Target Compounds						
16) Acetone	4.12	43	9761	38.90	ug/l	# 85
20) Methylene Chloride	4.90	84	8067	6.67	ug/l	94

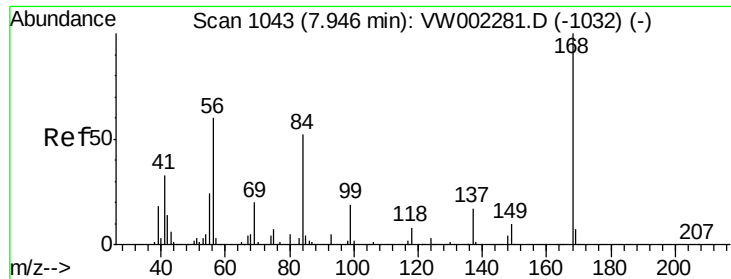
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

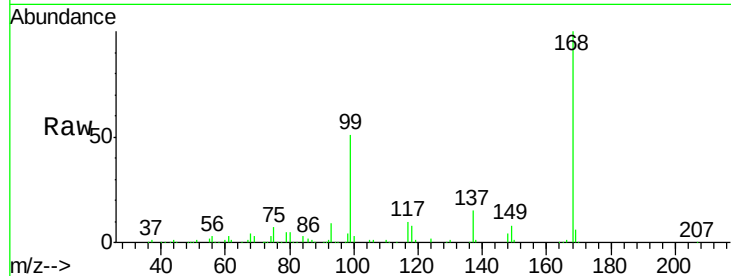
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(80-82)RE

Tot Ion:168 Resp: 120984

Ion Ratio Lower Upper

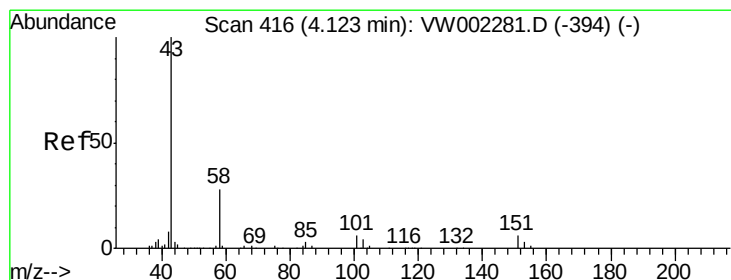
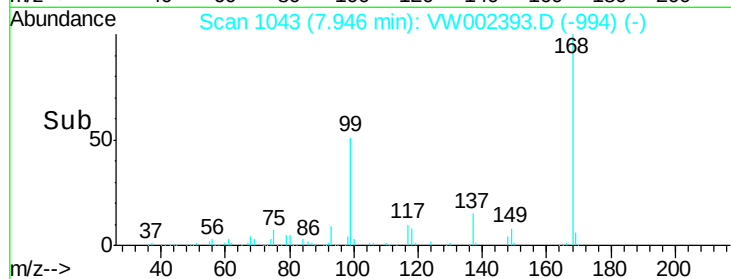
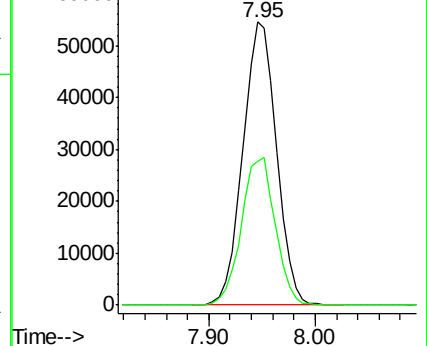
168 100

99 51.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.90 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002393.D

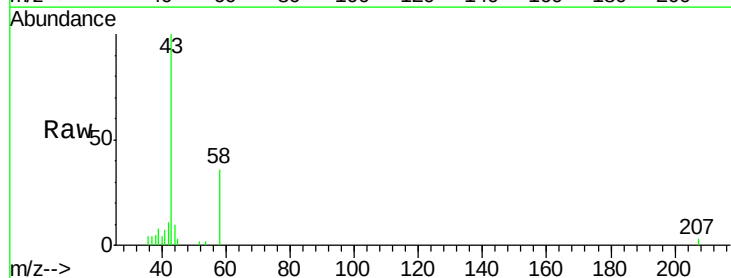
Acq: 10 May 2018 20:37

Tgt Ion: 43 Resp: 9761

Ion Ratio Lower Upper

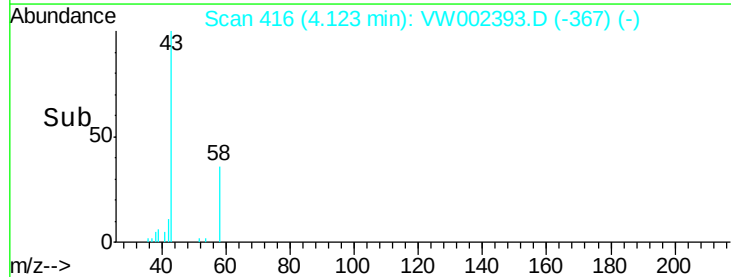
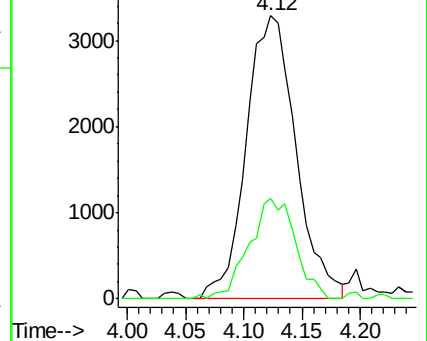
43 100

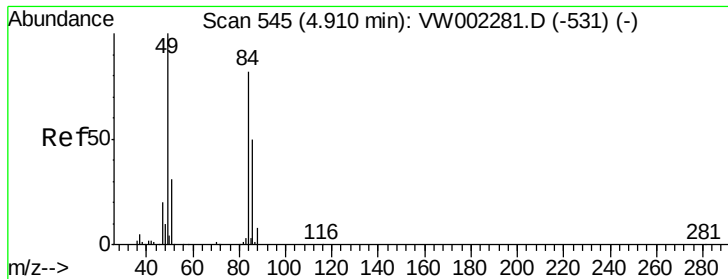
58 35.6 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

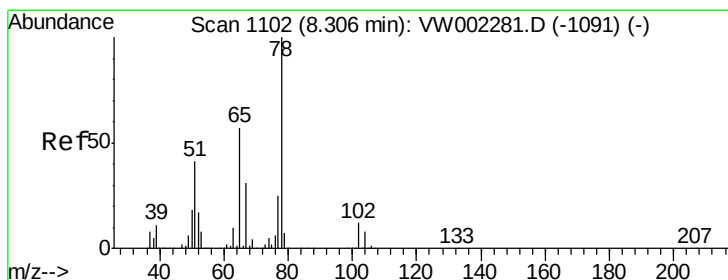
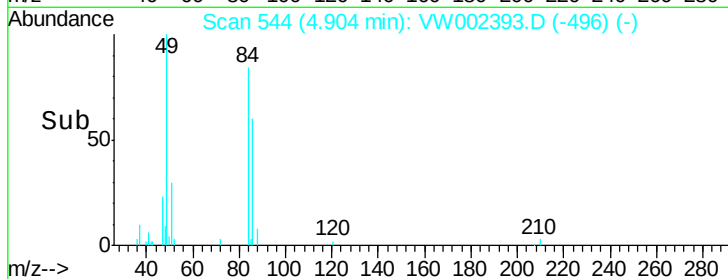
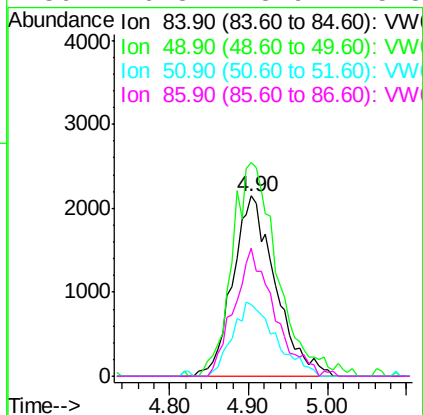
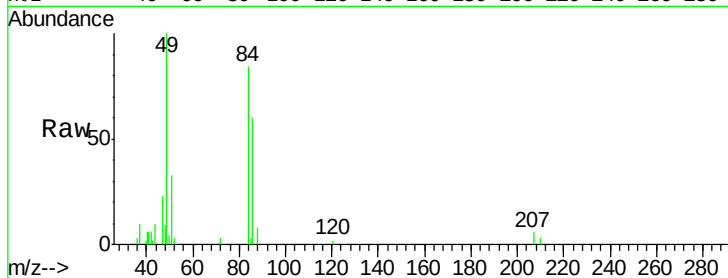




#20
Methvlene Chloride
Concen: 6.67 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

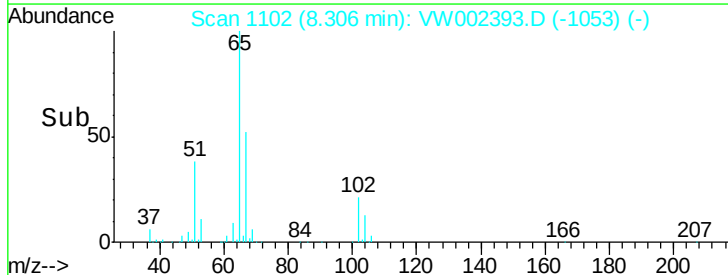
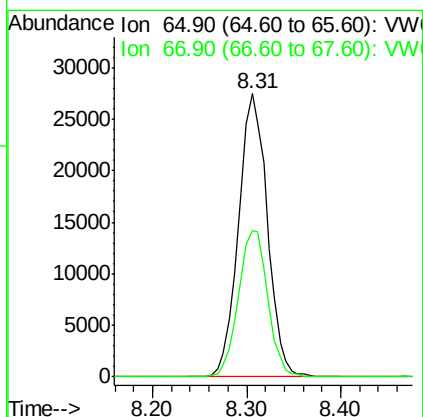
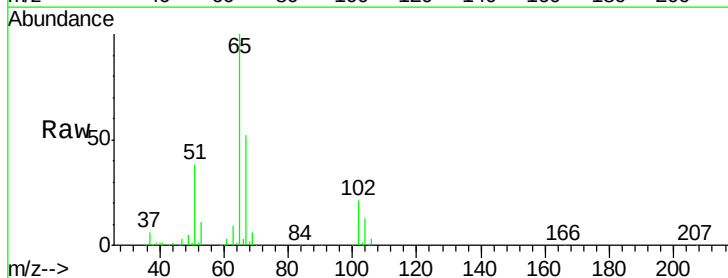
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(80-82)RE

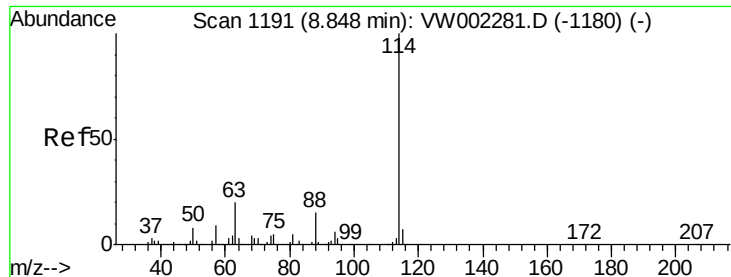
Tot Ion: 84 Resp: 8067
Ion Ratio Lower Upper
84 100
49 118.7 97.7 146.5
51 39.6 30.2 45.4
86 70.8 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 45.77 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Tgt Ion: 65 Resp: 58805
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(80-82)RE

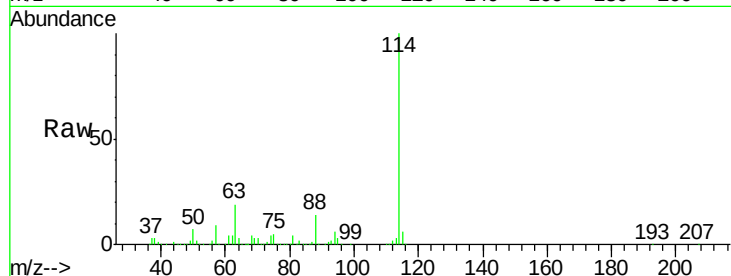
Tot Ion:114 Resp: 195051

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

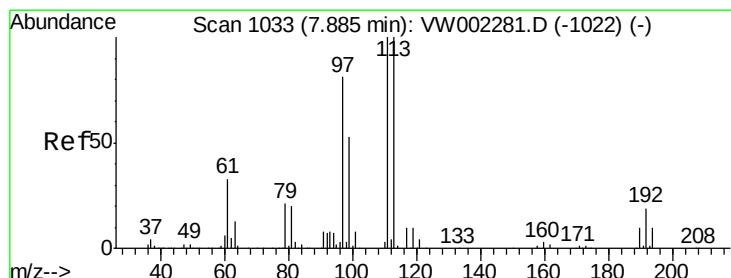
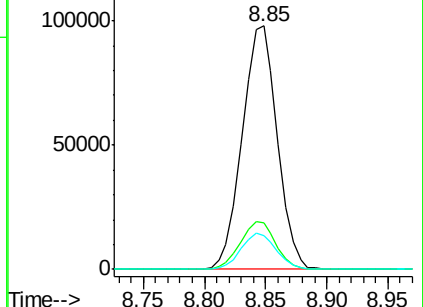
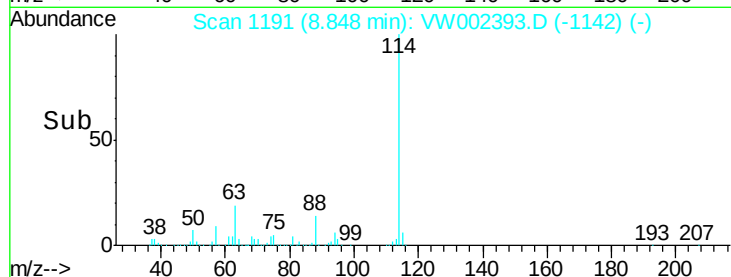
88 13.7 0.0 29.6



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: 44.37 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

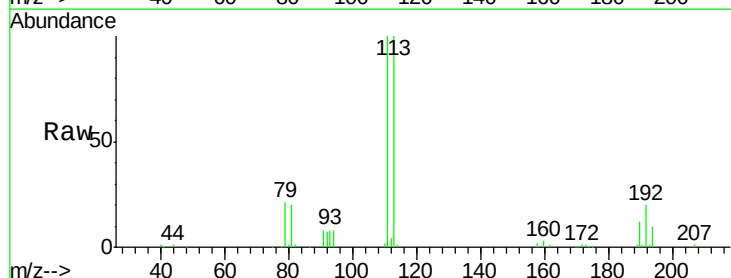
Tgt Ion:113 Resp: 55471

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

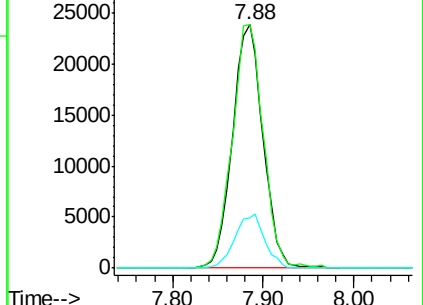
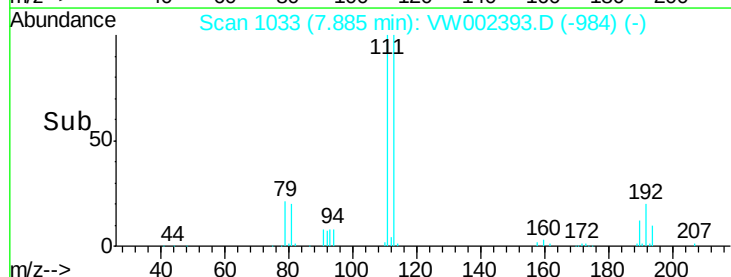
192 21.6 16.4 24.6

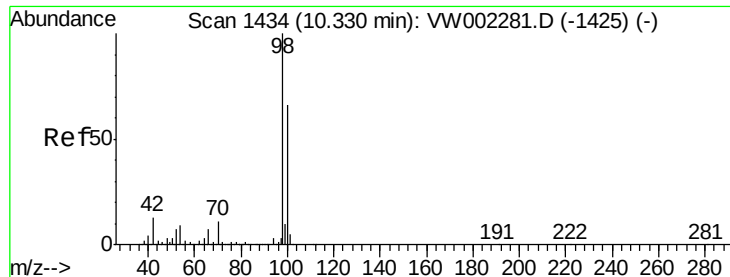


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.50 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

Instrument :

MSVOA_W

ClientSampleId :

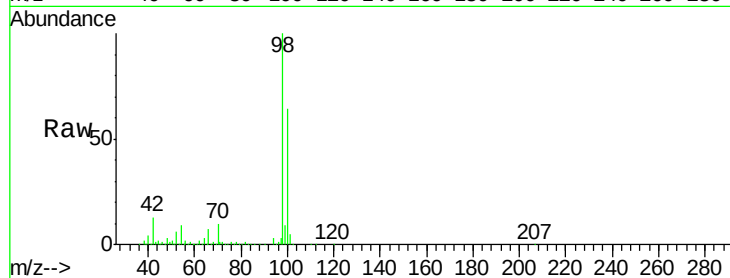
EPE-F-6A(80-82)RE

Tot Ion: 98 Resp: 164470

Ion Ratio Lower Upper

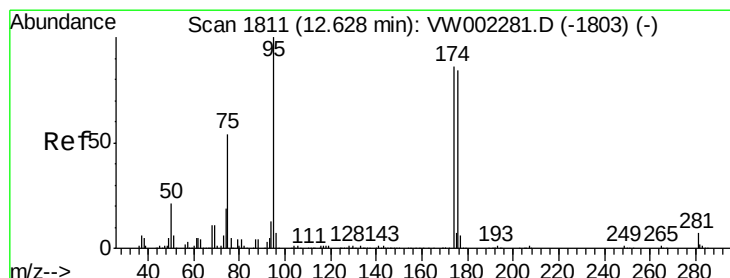
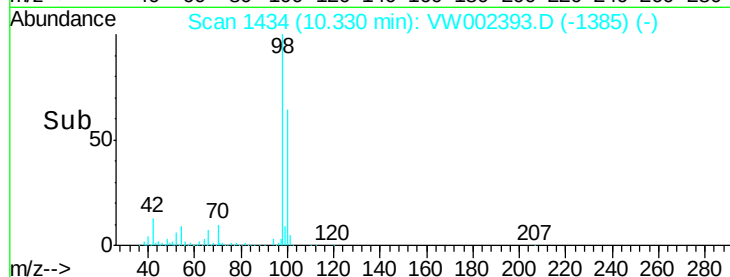
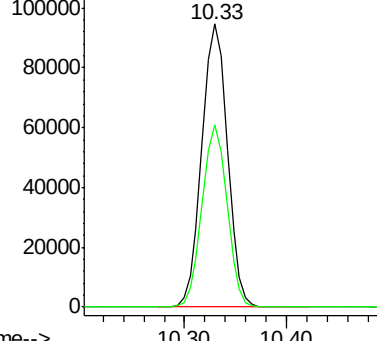
98 100

100 62.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 23.02 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002393.D

Acq: 10 May 2018 20:37

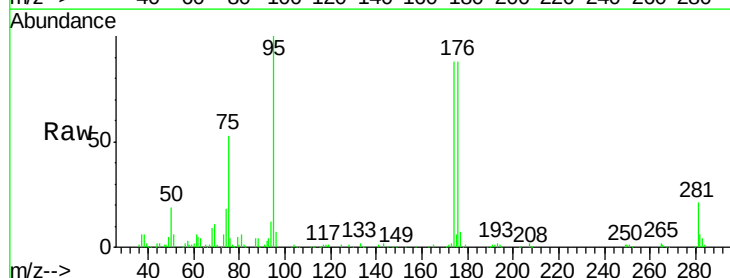
Tgt Ion: 95 Resp: 39658

Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.8

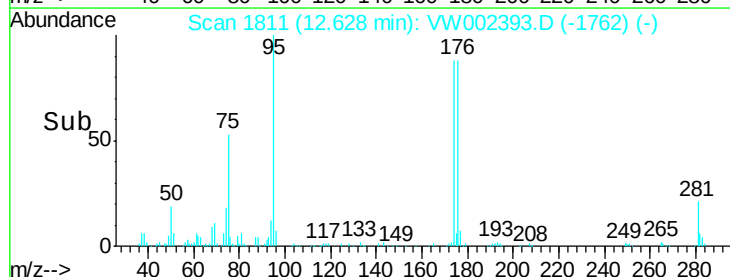
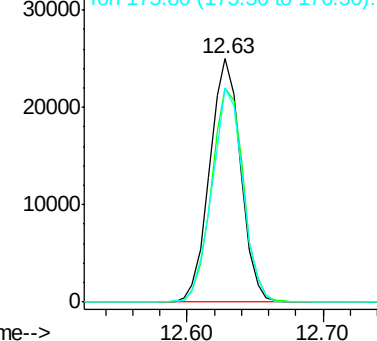
176 88.4 0.0 170.4

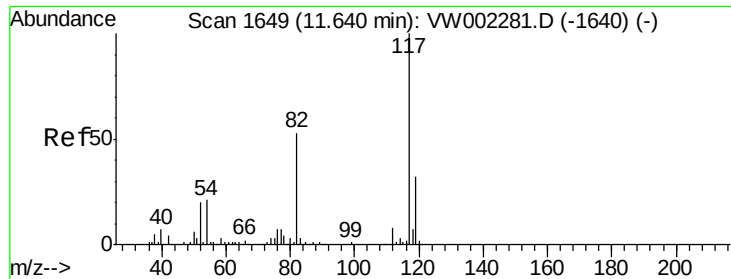


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

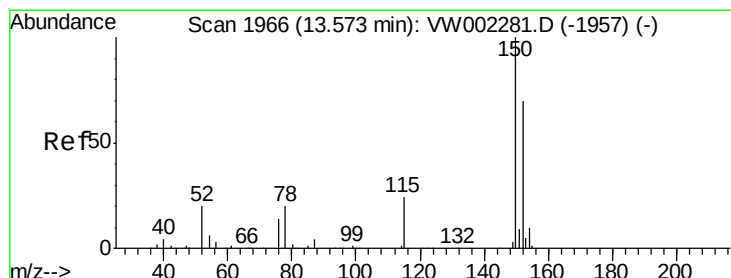
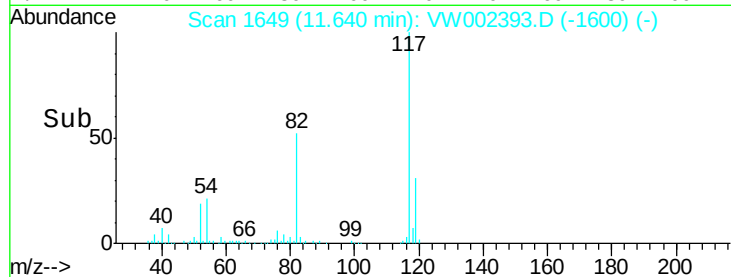
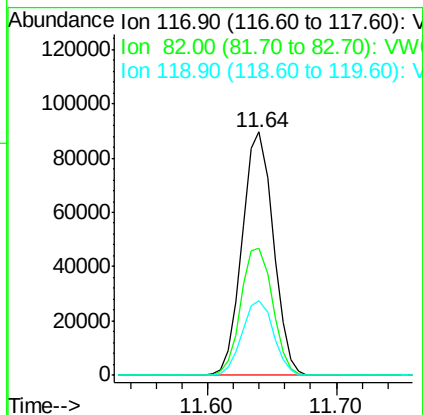
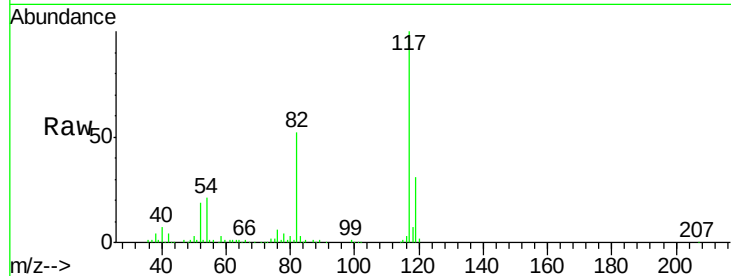




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(80-82)RE

Tot Ion:117 Resp: 149756
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 30.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002393.D
Acq: 10 May 2018 20:37

Tgt Ion:152 Resp: 39362
Ion Ratio Lower Upper
152 100
115 54.5 28.5 85.5
150 155.8 0.0 342.6

