

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002353.D
 Acq On : 10 May 2018 03:00
 Operator : JC/SY
 Sample : J2730-04
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(50-52)

Quant Time: May 10 07:42:12 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	189984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	261733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136164	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	88308	43.77	ug/l	0.00
Spiked Amount						
			Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	83866	43.71	ug/l	0.00
Spiked Amount						
			Recovery	=	87.42%	
50) Toluene-d8	10.33	98	241955	33.07	ug/l	0.00
Spiked Amount						
			Recovery	=	66.14%	
62) 4-Bromofluorobenzene	12.63	95	102169	38.64	ug/l	0.00
Spiked Amount						
			Recovery	=	77.28%	

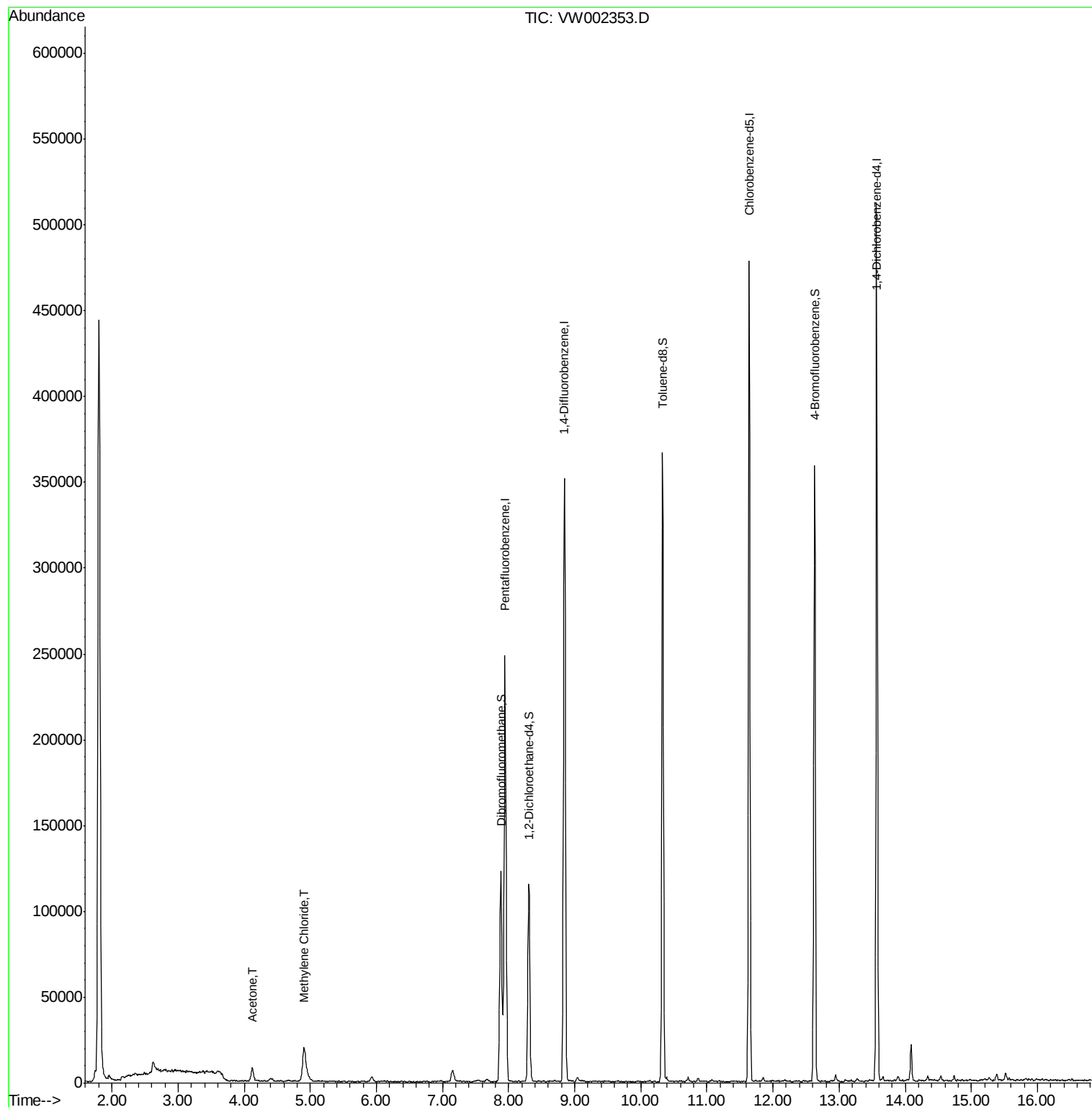
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	13980	35.48	ug/l	97
20) Methylene Chloride	4.90	84	18467	9.72	ug/l	95

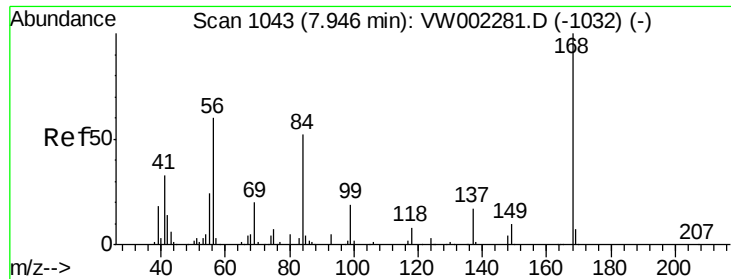
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

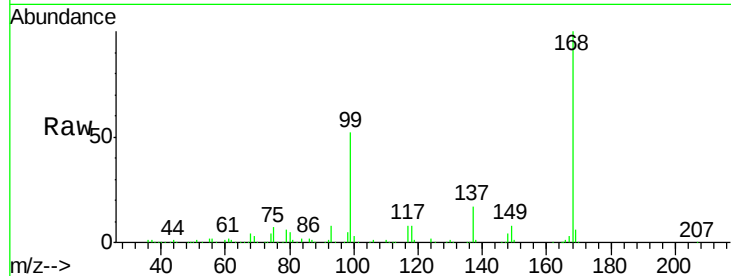
EPE-F-6A(50-52)

Tot Ion:168 Resp: 189984

Ion Ratio Lower Upper

168 100

99 52.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

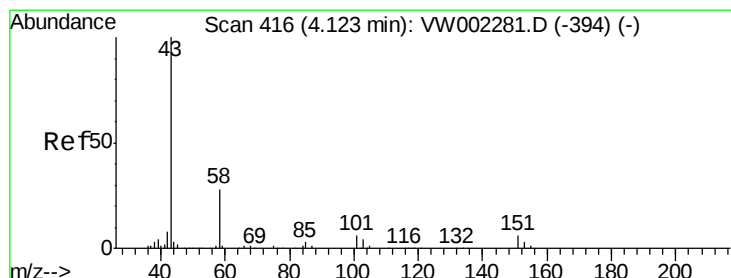
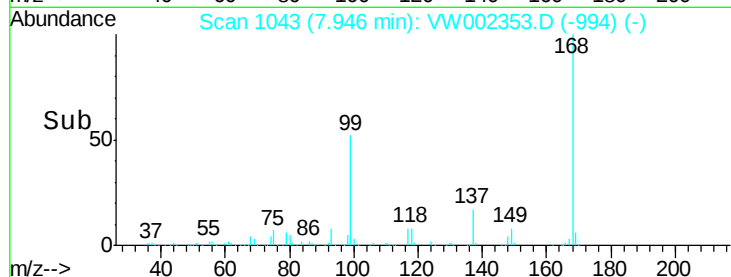
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 35.48 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002353.D

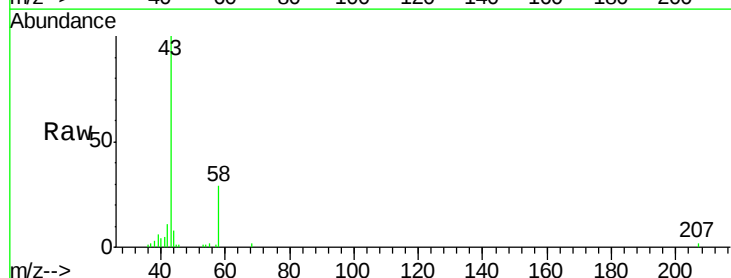
Acq: 10 May 2018 03:00

Tgt Ion: 43 Resp: 13980

Ion Ratio Lower Upper

43 100

58 29.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

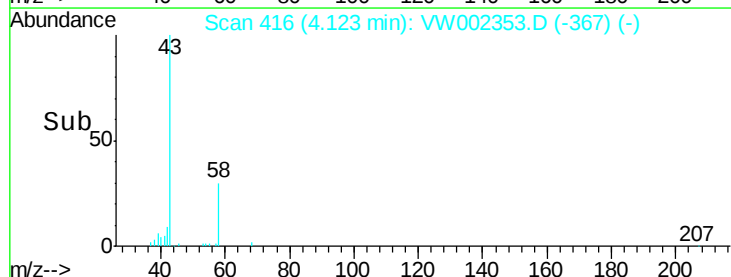
3000

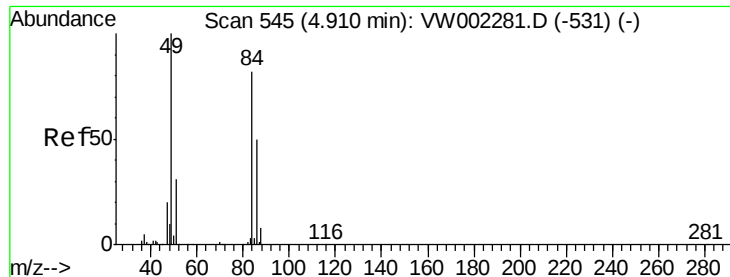
2000

1000

0

Time-->

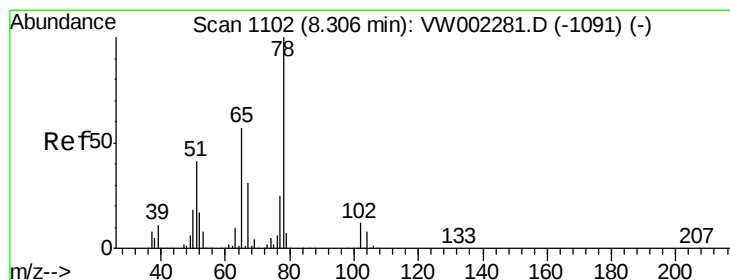
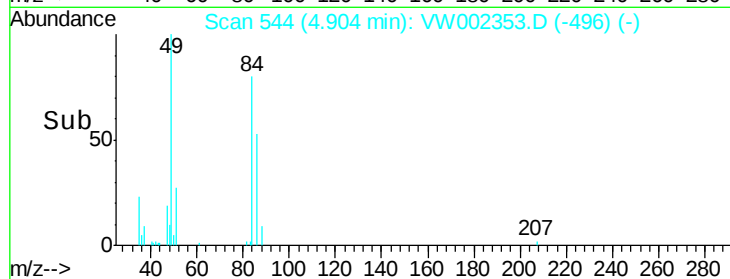
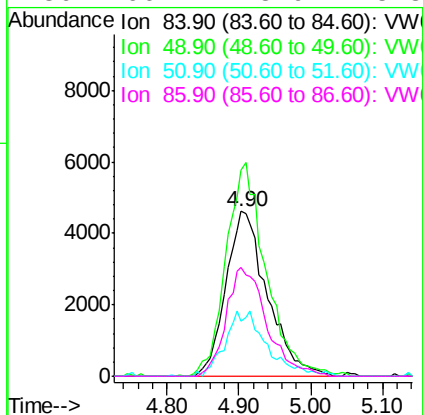
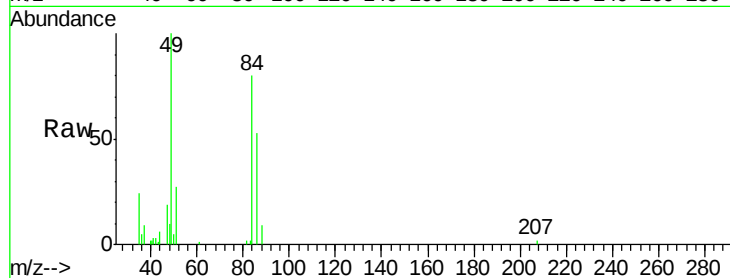




#20
Methvlene Chloride
Concen: 9.72 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

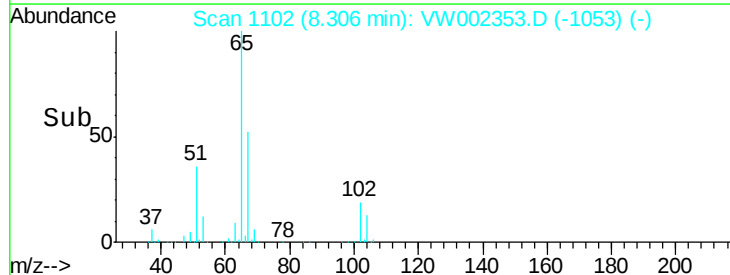
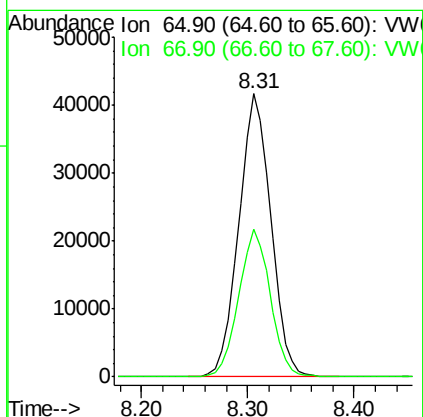
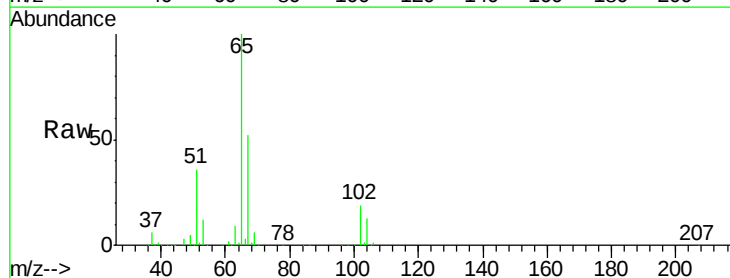
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(50-52)

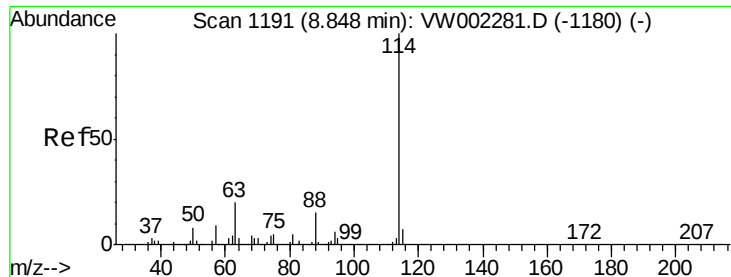
Tot Ion: 84 Resp: 18467
Ion Ratio Lower Upper
84 100
49 125.2 97.7 146.5
51 33.6 30.2 45.4
86 66.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 43.77 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Tgt Ion: 65 Resp: 88308
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2

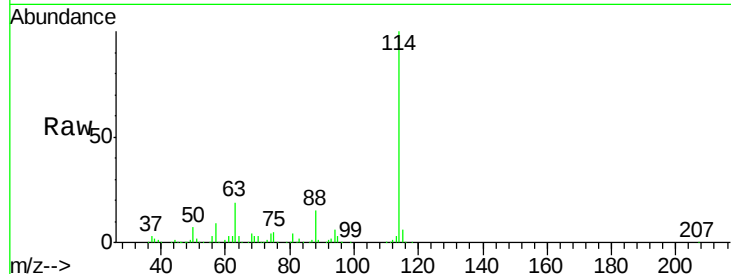




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(50-52)

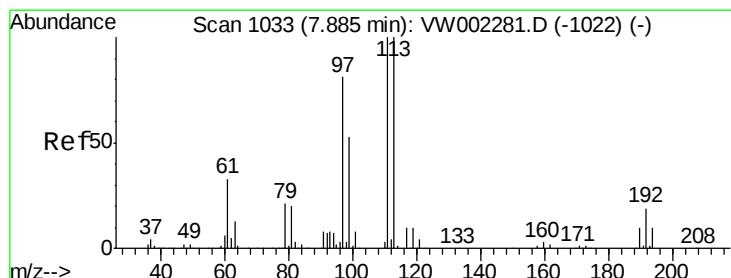
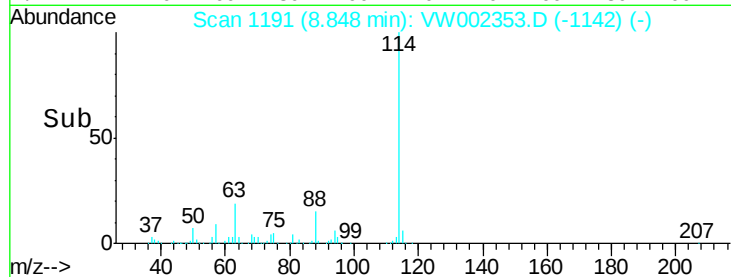
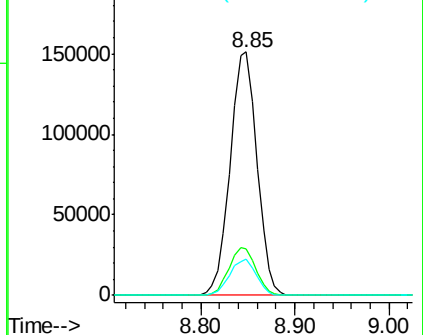
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	14.8	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

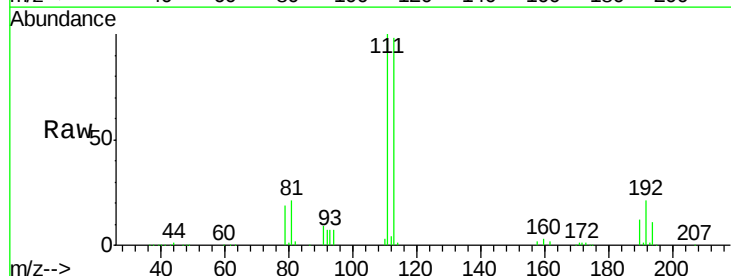
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 43.71 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

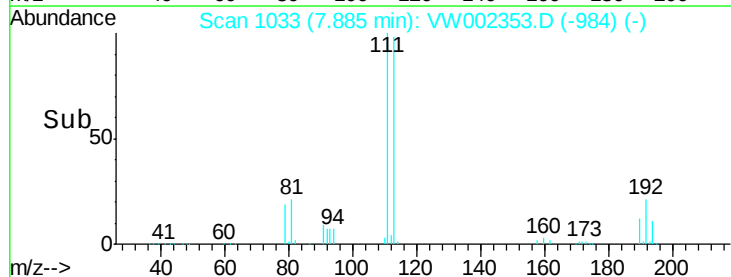
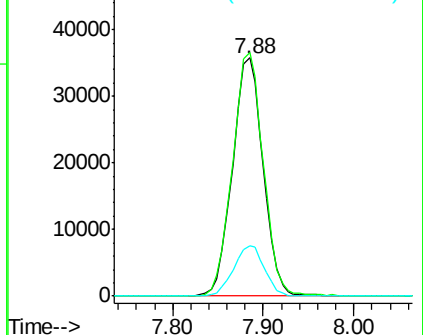
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	21.0	16.4	24.6

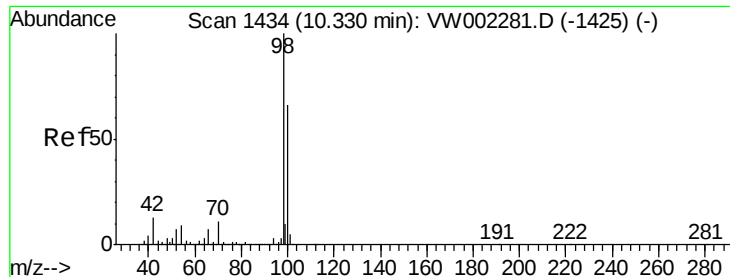


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.07 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

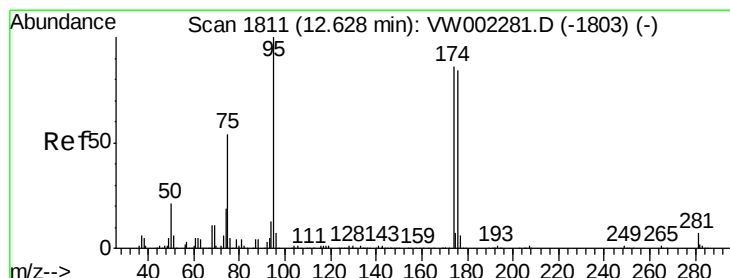
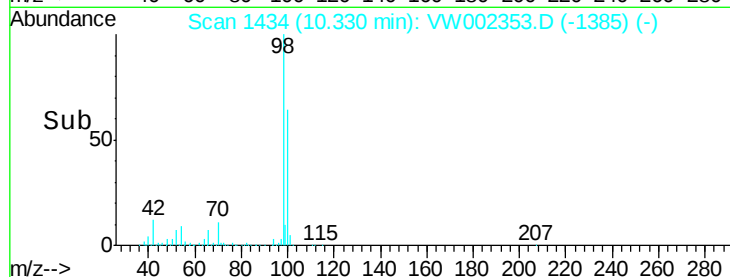
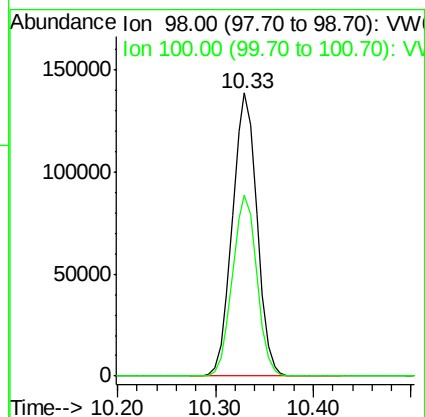
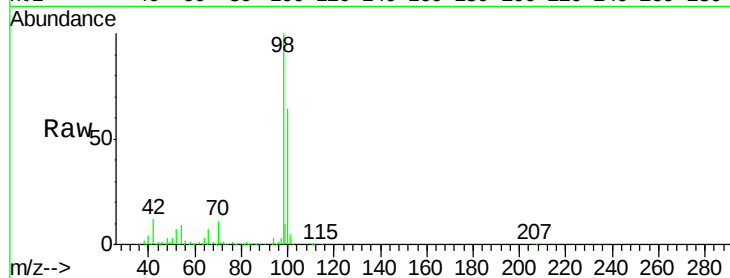
EPE-F-6A(50-52)

Tot Ion: 98 Resp: 241955

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 38.64 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

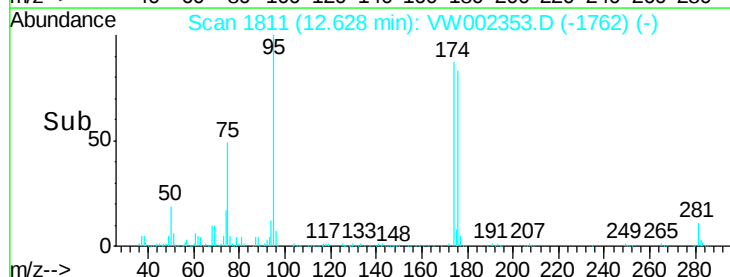
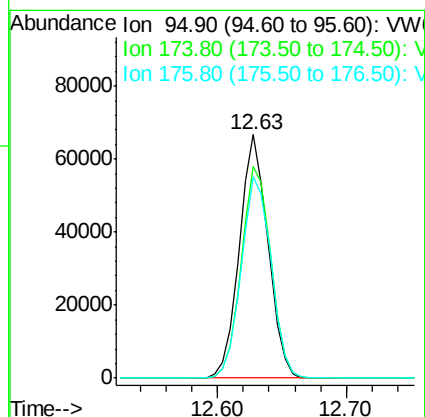
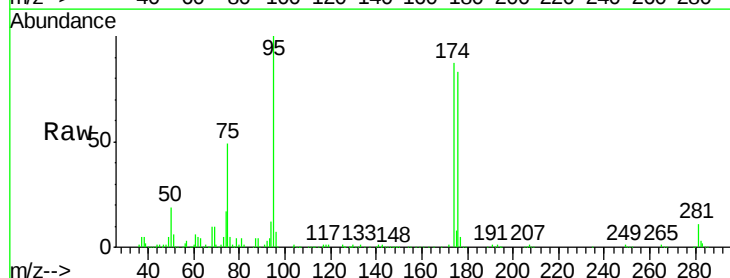
Tgt Ion: 95 Resp: 102169

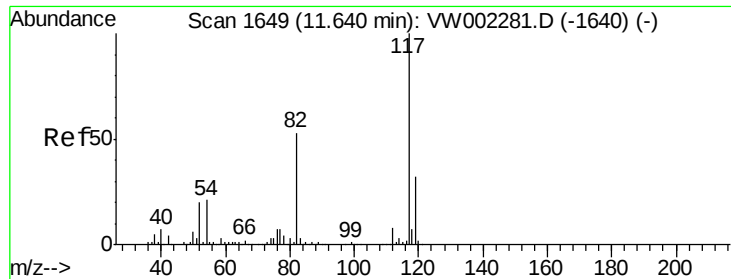
Ion Ratio Lower Upper

95 100

174 89.6 0.0 176.8

176 86.0 0.0 170.4

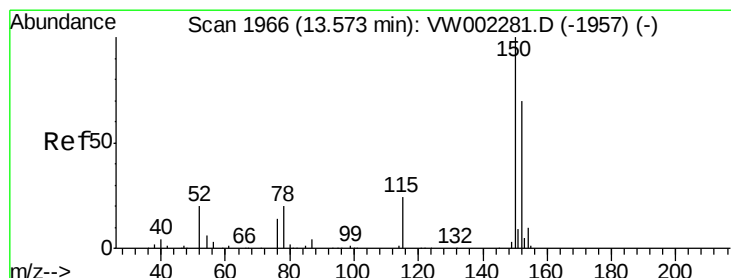
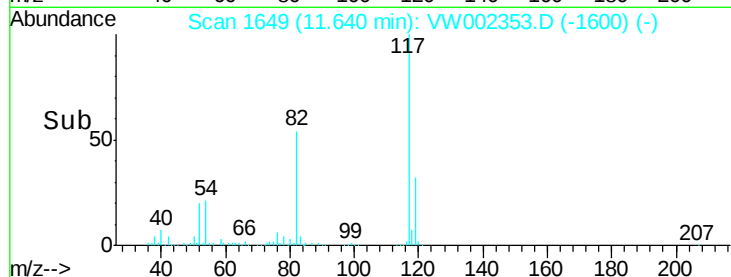
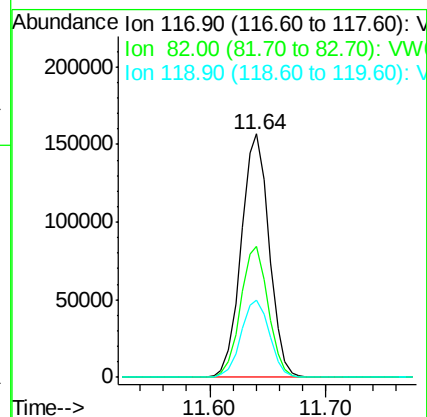
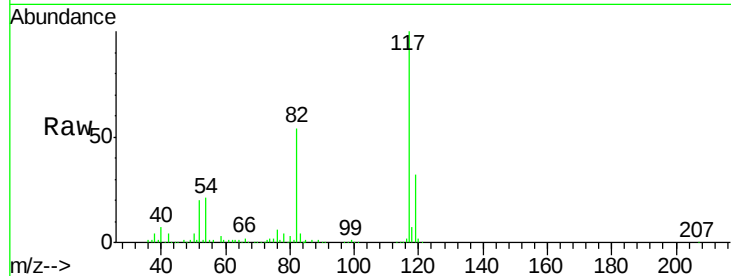




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(50-52)

Tot Ion:117 Resp: 261733
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Tgt Ion:152 Resp: 136164
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 156.1 0.0 342.6

