

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002540.D
 Acq On : 15 May 2018 04:21
 Operator : JC/SY
 Sample : J2870-09
 Misc : 4.76G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-A

Quant Time: May 15 08:38:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	137769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	224904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	192465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83146	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	71416	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.88	113	67197	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	10.33	98	195065	35.94	ug/l	0.00
Spiked Amount			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	12.63	95	68793	34.66	ug/l	0.00
Spiked Amount			Recovery	=	69.32%	

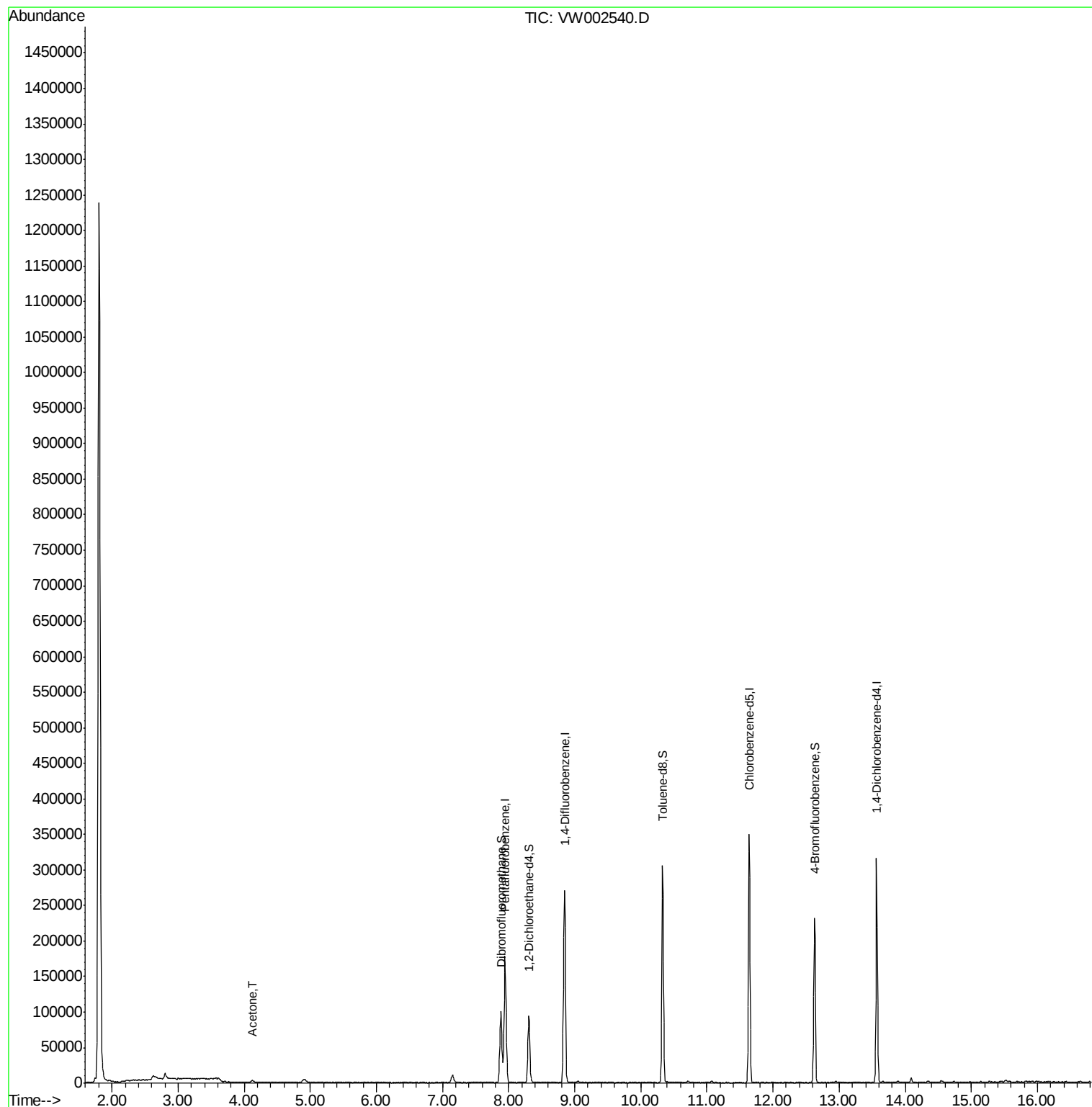
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4646	15.46	ug/l	94

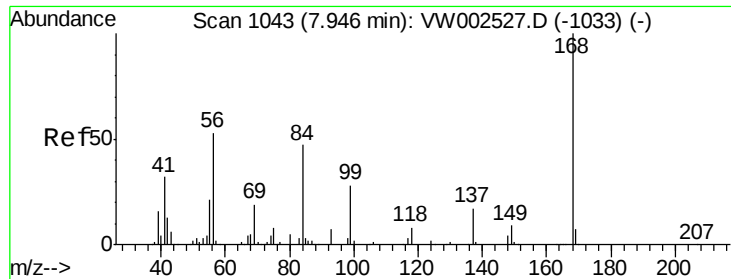
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002540.D

Acq: 15 May 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

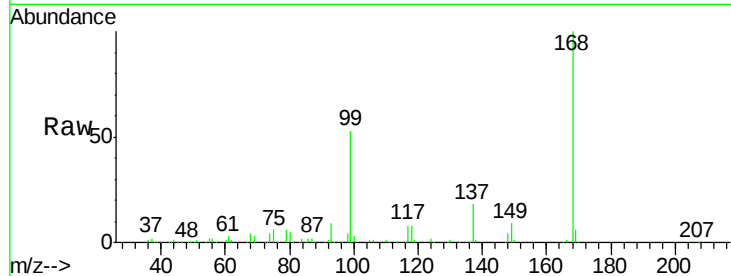
SP-A

Tot Ion:168 Resp: 137769

Ion Ratio Lower Upper

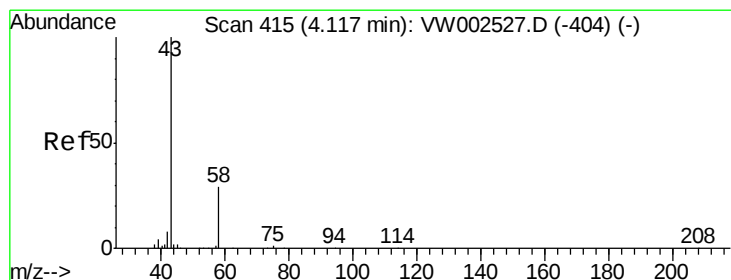
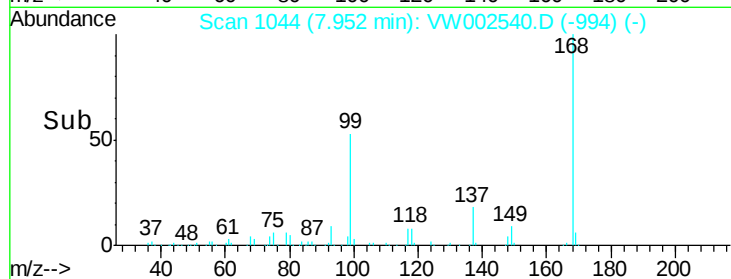
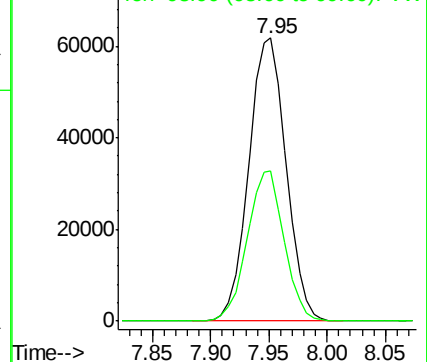
168 100

99 52.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 15.46 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002540.D

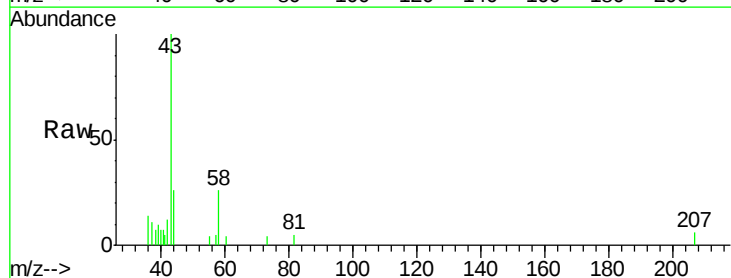
Acq: 15 May 2018 04:21

Tgt Ion: 43 Resp: 4646

Ion Ratio Lower Upper

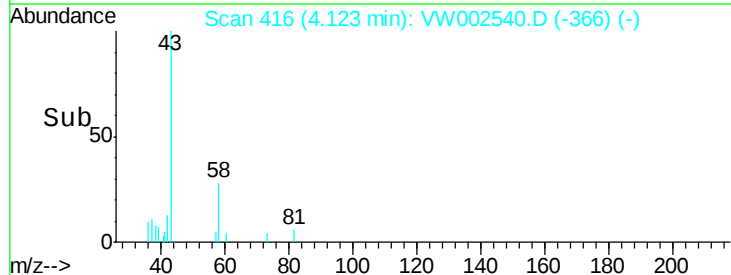
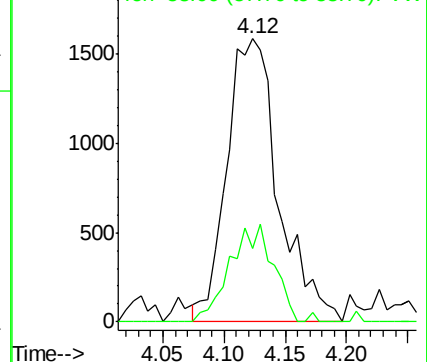
43 100

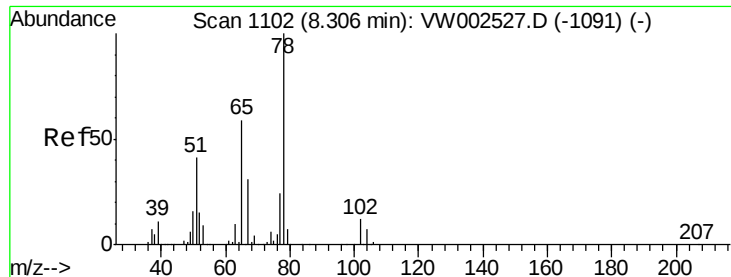
58 26.0 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002540.D

Acq: 15 May 2018 04:21

Instrument :

MSVOA_W

ClientSampleId :

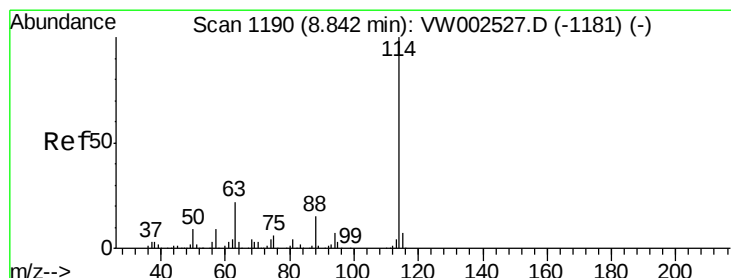
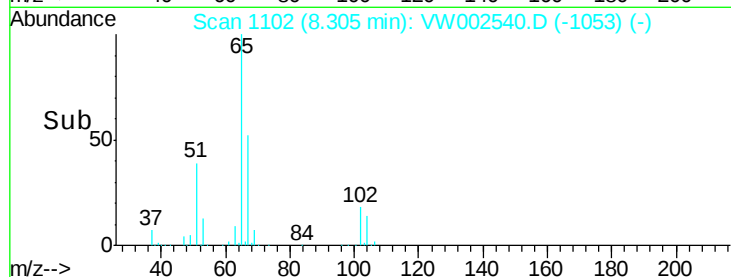
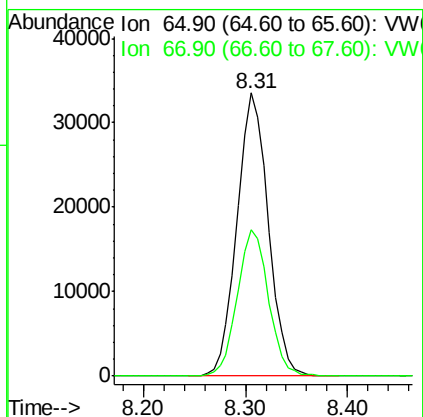
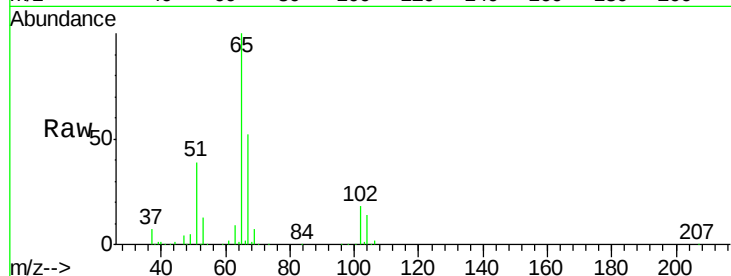
SP-A

Tot Ion: 65 Resp: 71416

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002540.D

Acq: 15 May 2018 04:21

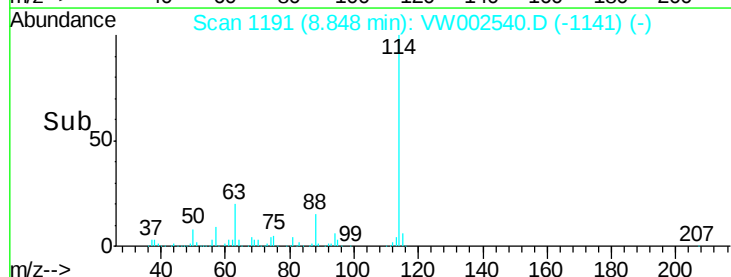
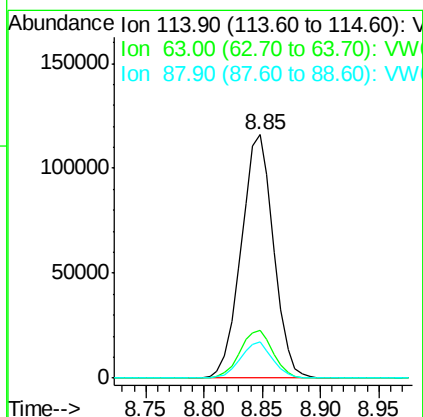
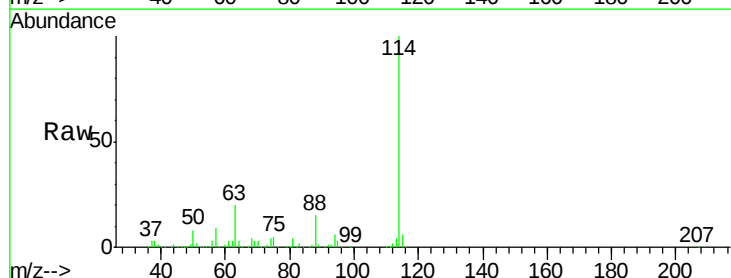
Tgt Ion: 114 Resp: 224904

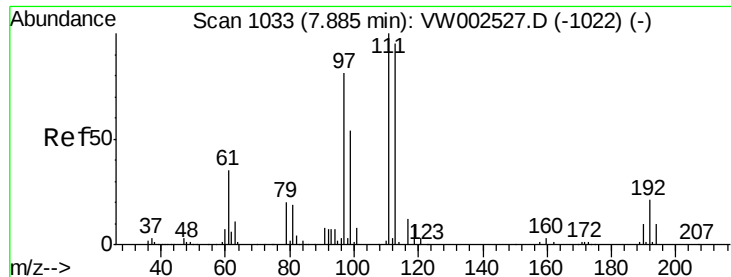
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.8 0.0 29.2

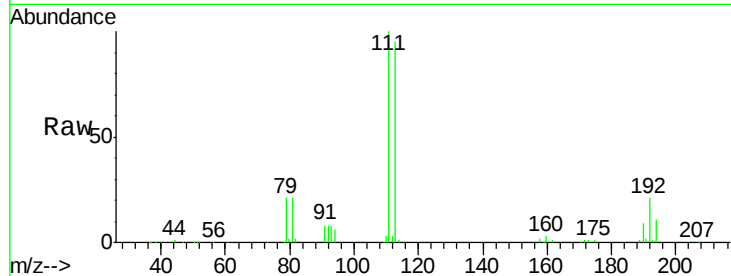




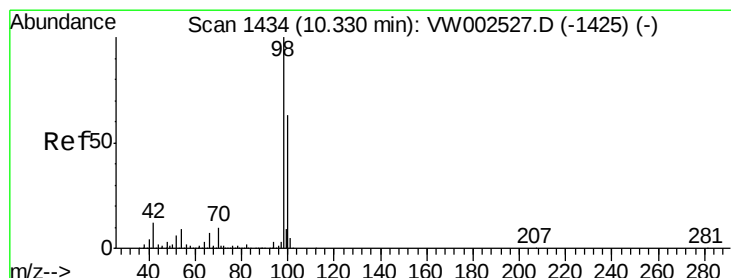
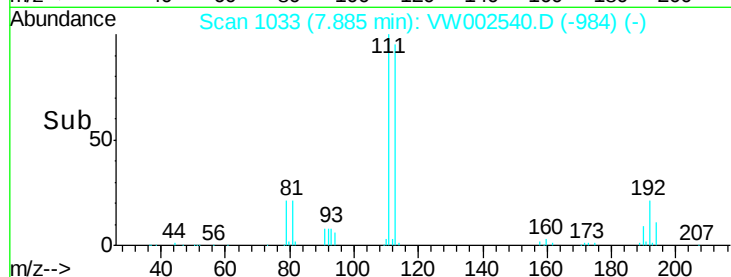
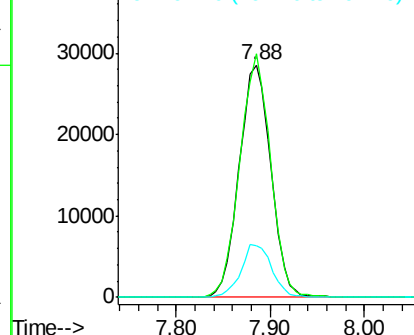
#35
 Dibromofluoromethane
 Concen: 47.10 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002540.D
 Acq: 15 May 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	22.1	17.5	26.3

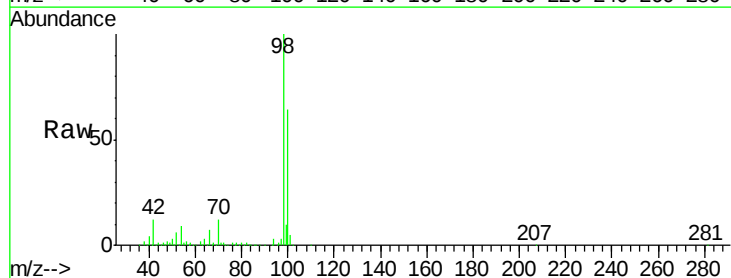


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

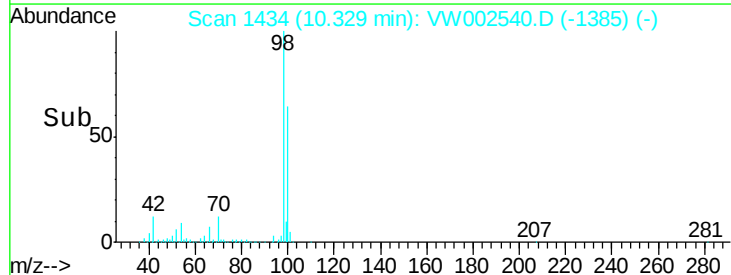
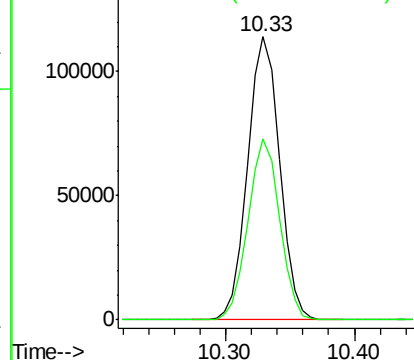


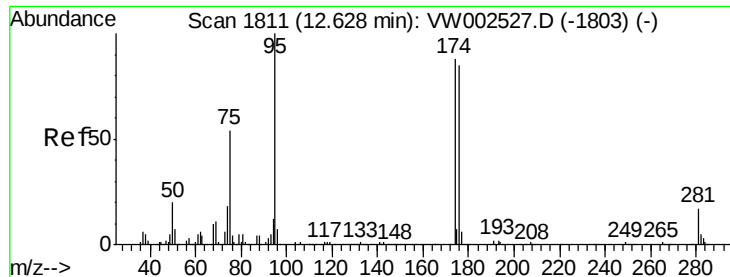
#50
 Toluene-d8
 Concen: 35.94 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002540.D
 Acq: 15 May 2018 04:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 34.66 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002540.D

Acq: 15 May 2018 04:21

Instrument :

MSVOA_W

ClientSampled :

SP-A

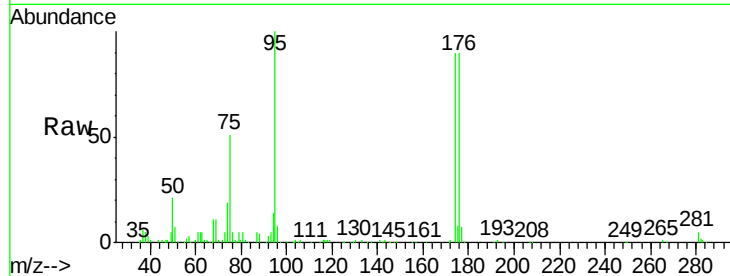
Tot Ion: 95 Resp: 68793

Ion Ratio Lower Upper

95 100

174 90.9 0.0 176.6

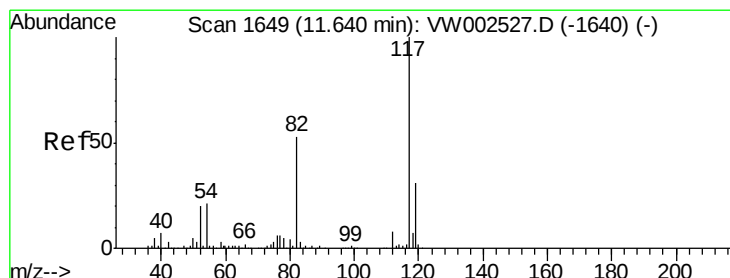
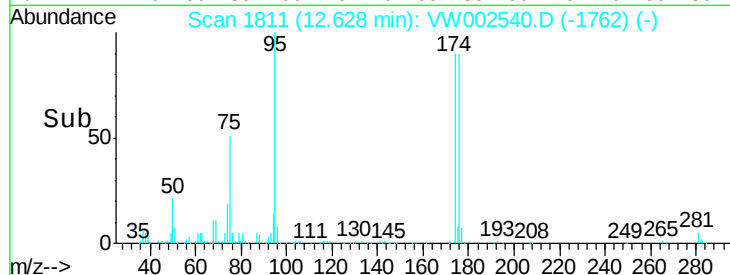
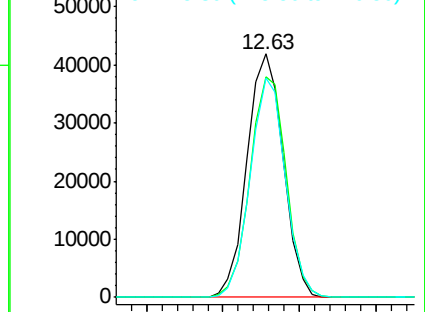
176 87.6 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002540.D

Acq: 15 May 2018 04:21

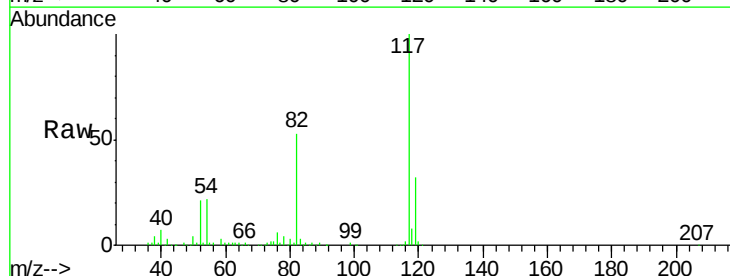
Tgt Ion: 117 Resp: 192465

Ion Ratio Lower Upper

117 100

82 53.2 42.6 64.0

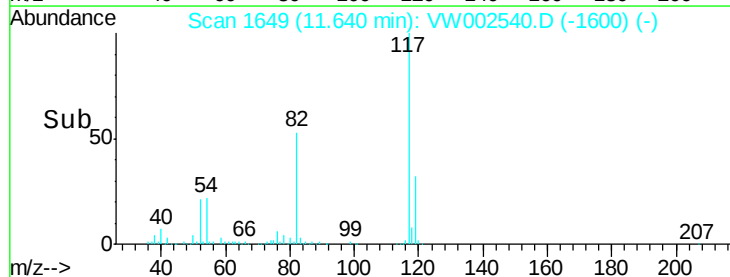
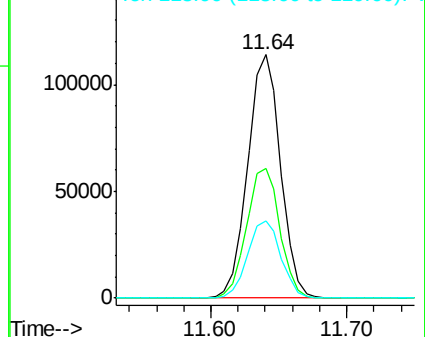
119 31.6 25.0 37.6

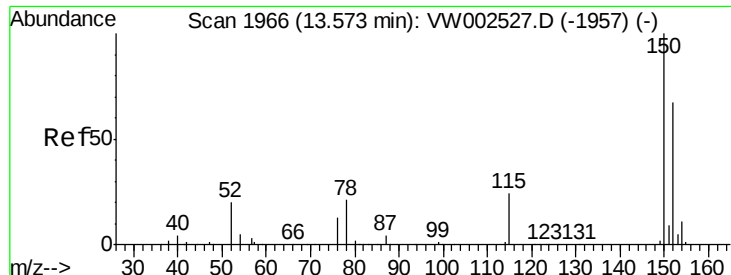


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

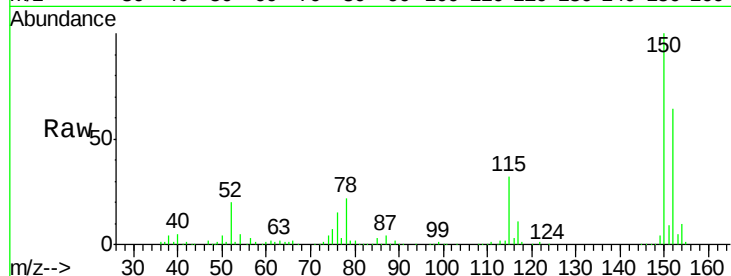




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: VW002540.D
 Acq: 15 May 2018 04:21

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-A

Tot Ion:152 Resp: 83146
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.0 84.0
 150 156.1 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

