

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002364.D
 Acq On : 10 May 2018 07:35
 Operator : JC/SY
 Sample : J2680-05RE
 Misc : 5.56G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-CRE

Quant Time: May 10 12:26:01 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	175400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	193006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	66145	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	87496	46.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.94%	
35) Dibromofluoromethane	7.88	113	79390	43.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.40%	
50) Toluene-d8	10.33	98	184029	26.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.14%	
62) 4-Bromofluorobenzene	12.63	95	67726	27.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	54.10%	

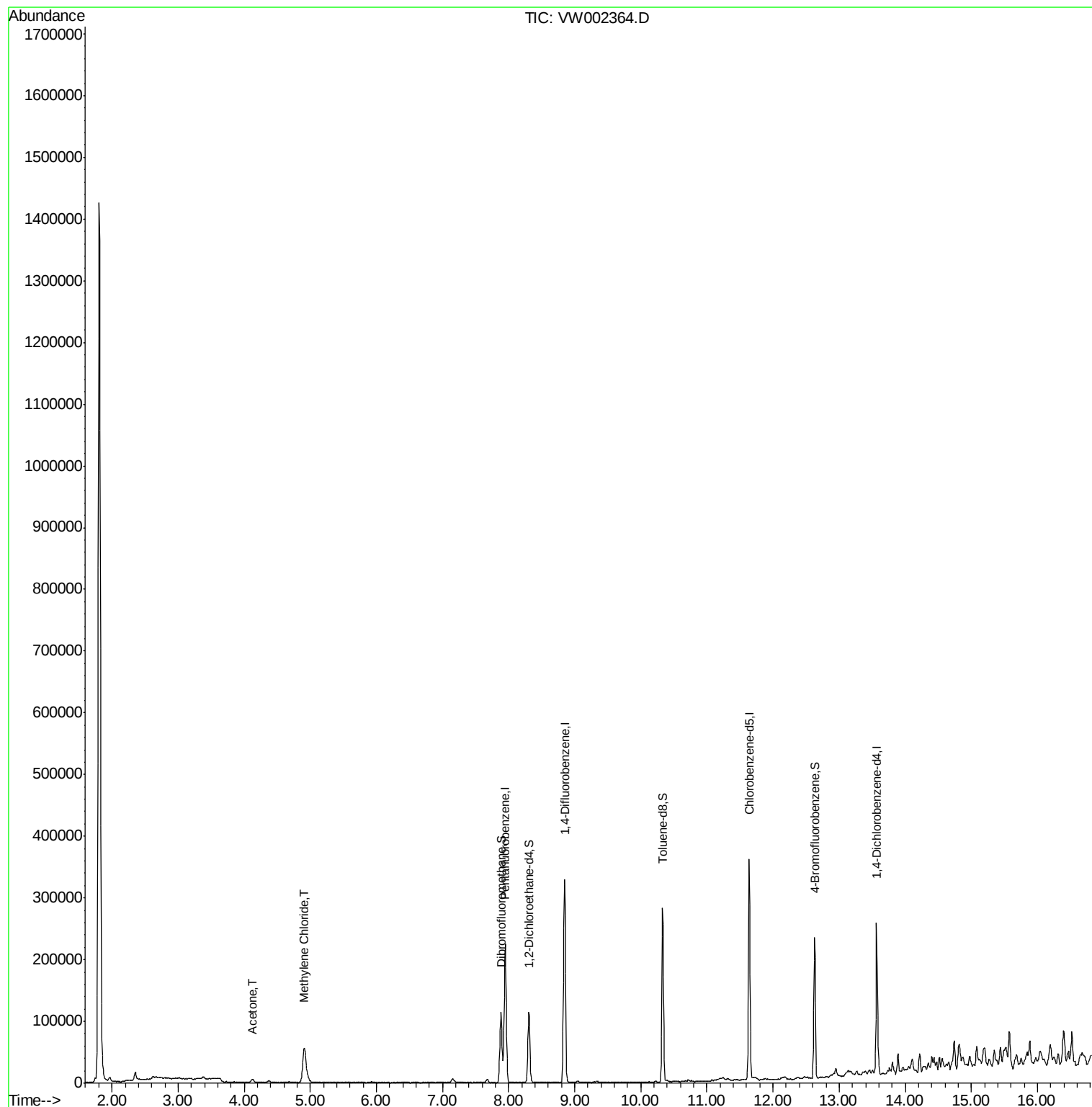
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	9641	26.50	ug/l	100
20) Methylene Chloride	4.91	84	52941	30.19	ug/l	97

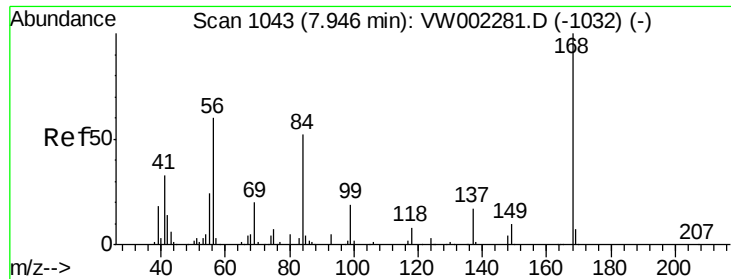
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

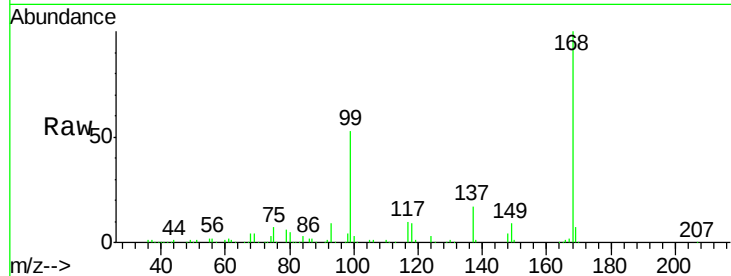
PL-02-050418-CRE

Tot Ion:168 Resp: 175400

Ion Ratio Lower Upper

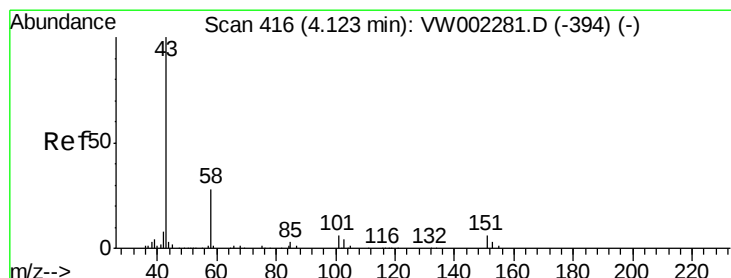
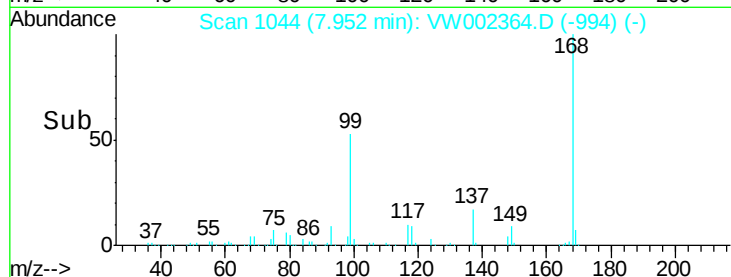
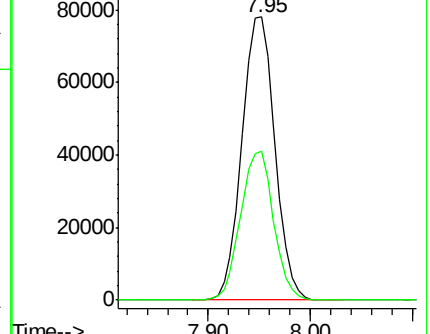
168 100

99 52.7 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: 26.50 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002364.D

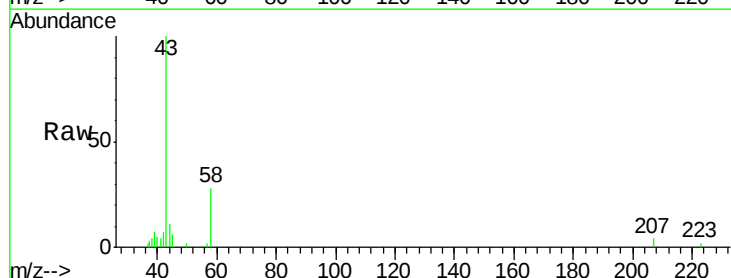
Acq: 10 May 2018 07:35

Tgt Ion: 43 Resp: 9641

Ion Ratio Lower Upper

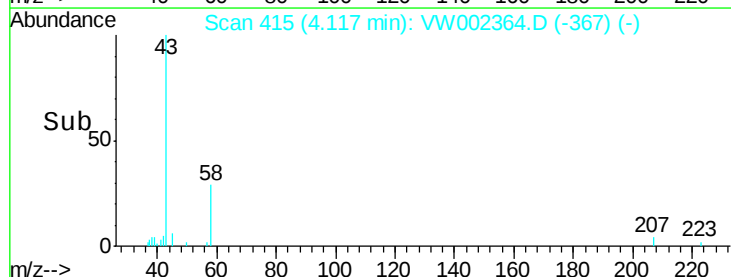
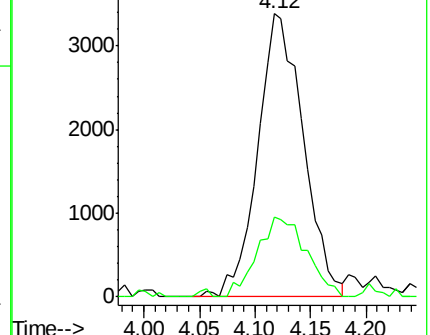
43 100

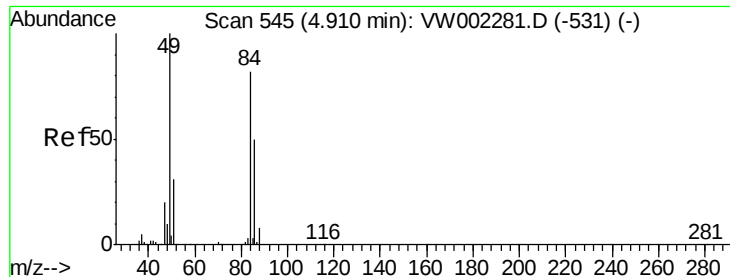
58 28.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

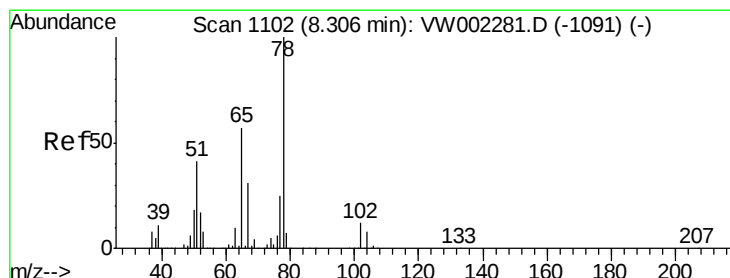
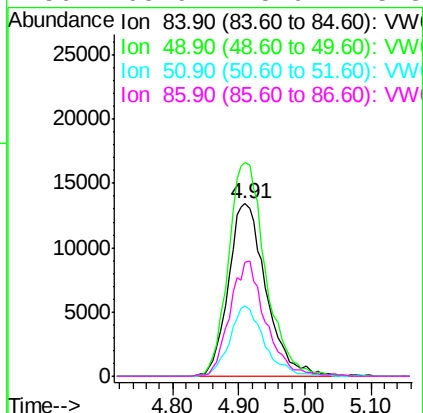
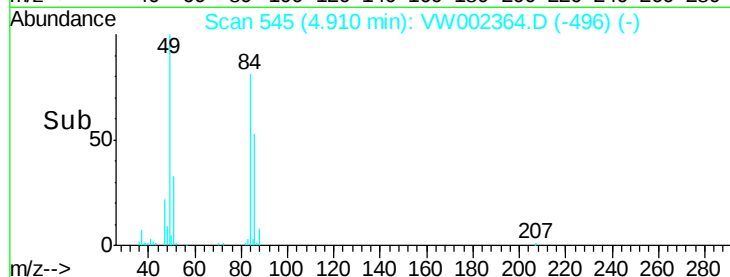
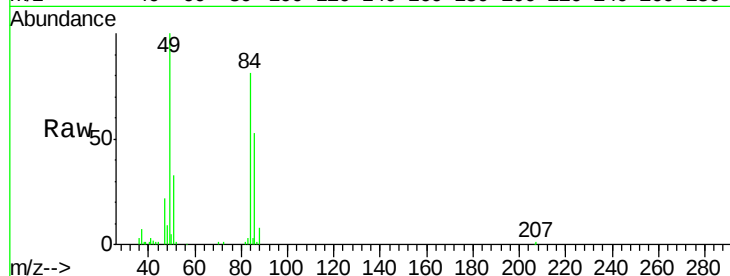




#20
Methvlene Chloride
Concen: 30.19 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

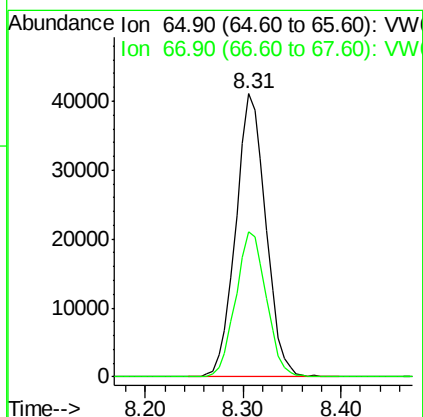
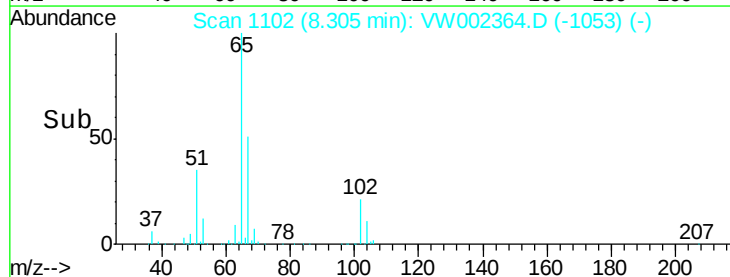
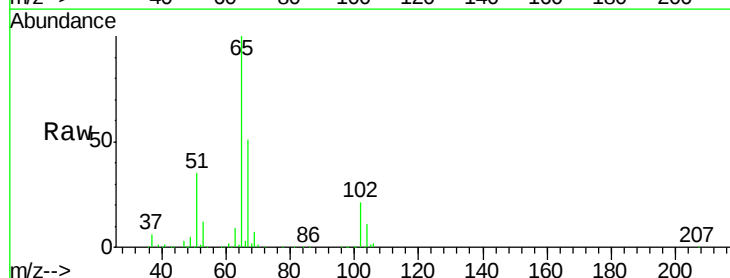
Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

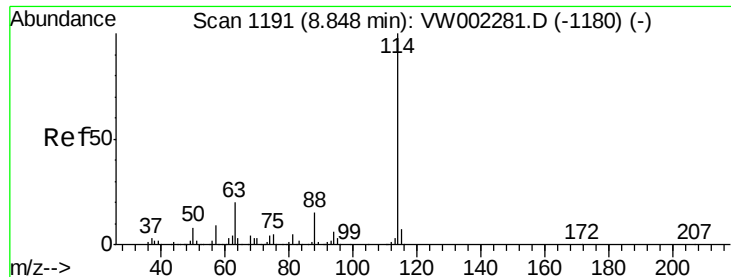
Tot Ion: 84 Resp: 52941
Ion Ratio Lower Upper
84 100
49 123.7 97.7 146.5
51 41.1 30.2 45.4
86 65.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.97 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion: 65 Resp: 87496
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2

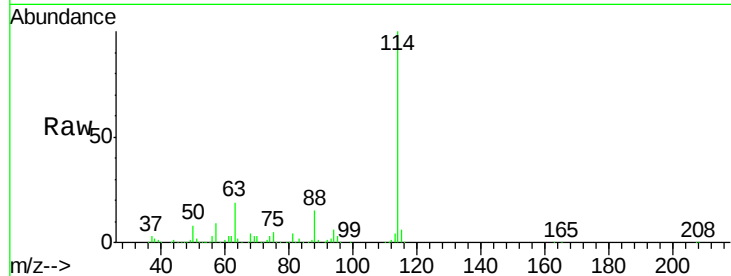




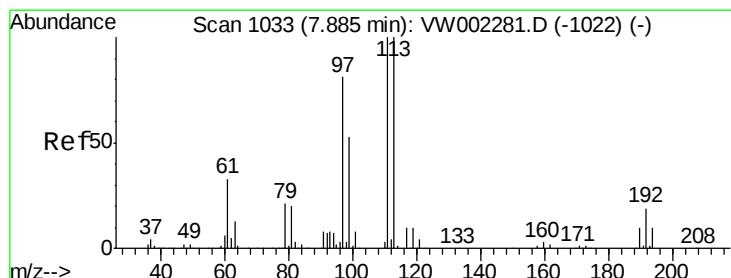
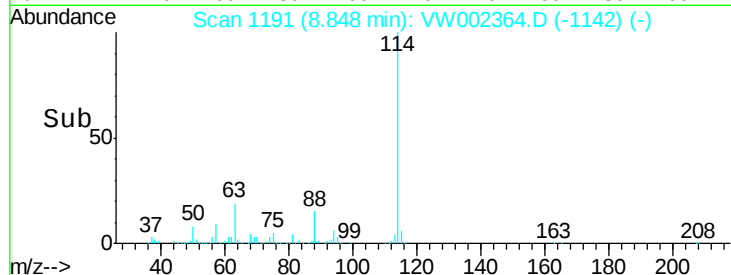
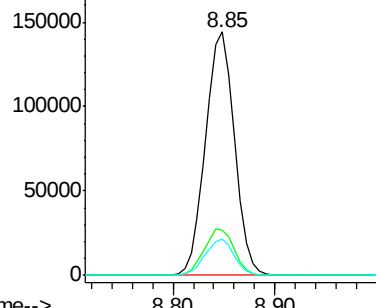
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-050418-CRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.0
88	14.8	0.0	29.6

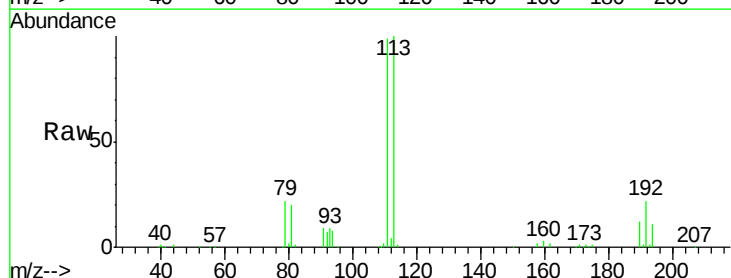


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

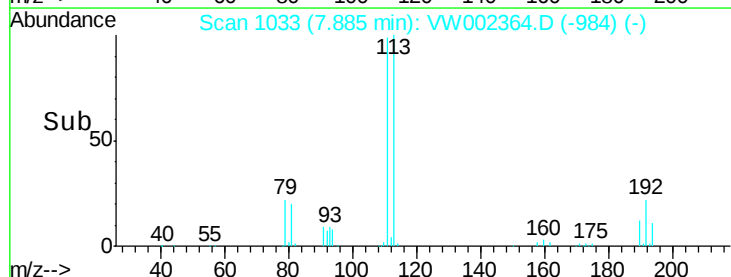
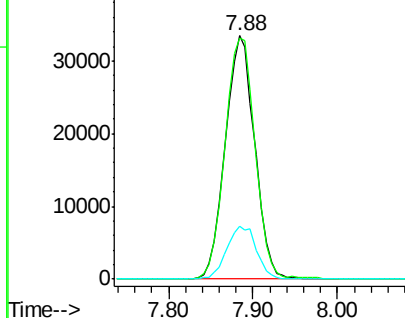


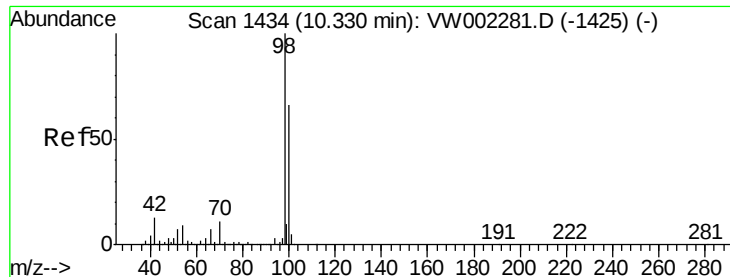
#35
 Dibromofluoromethane
 Concen: 43.70 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002364.D
 Acq: 10 May 2018 07:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	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: 26.57 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

Instrument :

MSVOA_W

ClientSampleId :

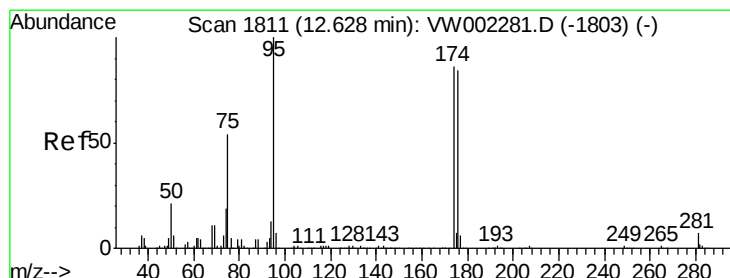
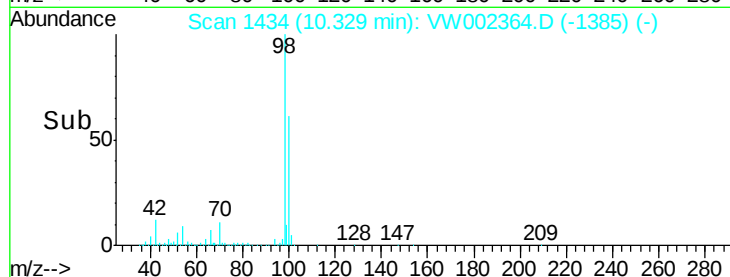
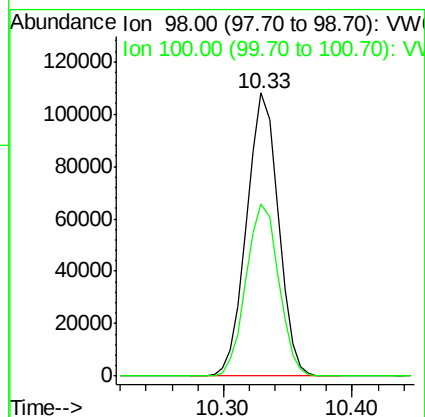
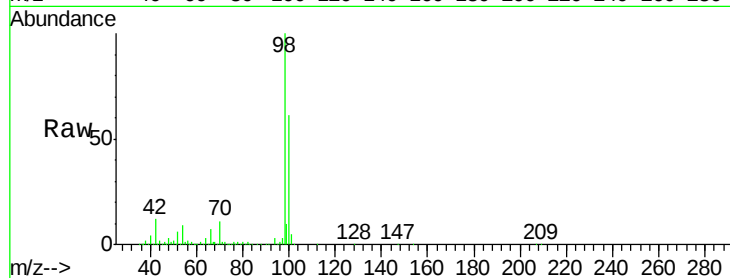
PL-02-050418-CRE

Tot Ion: 98 Resp: 184029

Ion Ratio Lower Upper

98 100

100 62.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 27.05 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002364.D

Acq: 10 May 2018 07:35

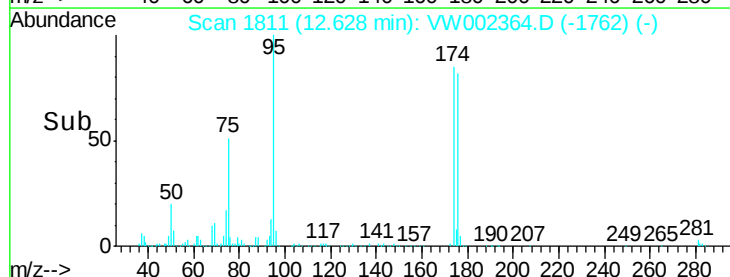
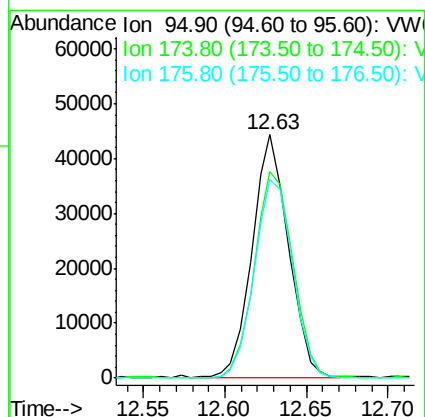
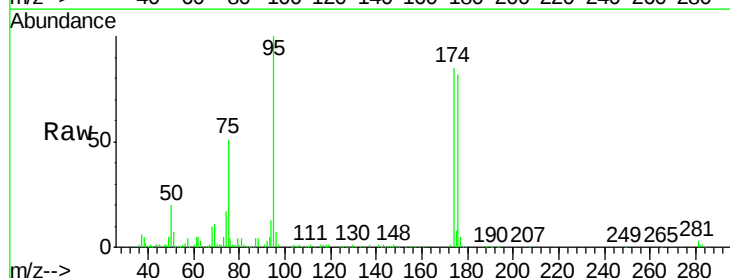
Tgt Ion: 95 Resp: 67726

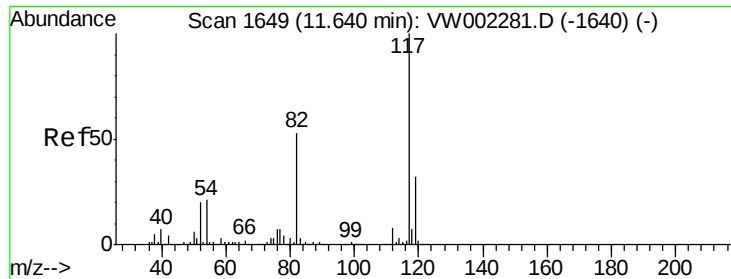
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.8

176 87.0 0.0 170.4

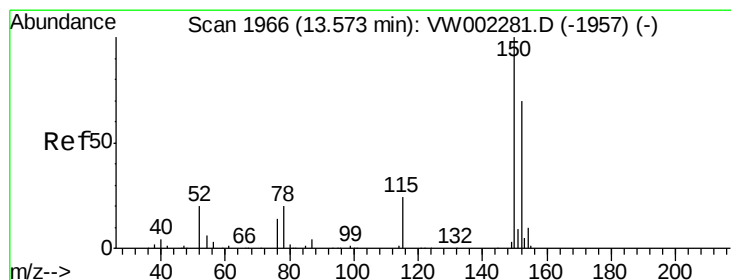
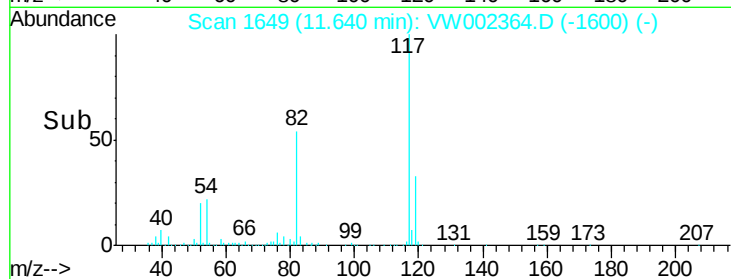
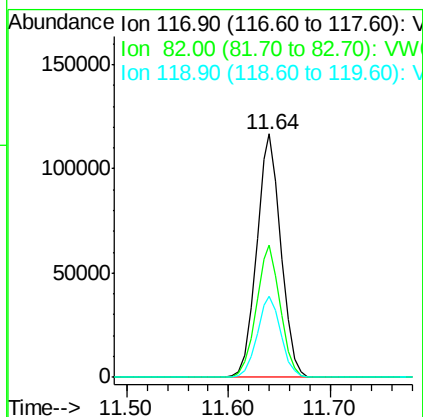
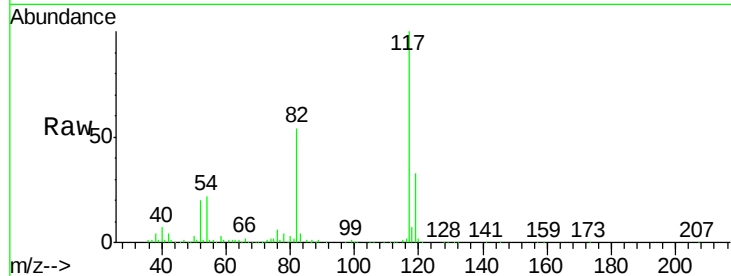




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002364.D
Acq: 10 May 2018 07:35

Instrument :
MSVOA_W
ClientSampleId :
PL-02-050418-CRE

Tot Ion:117 Resp: 193006
Ion Ratio Lower Upper
117 100
82 54.4 42.6 63.8
119 33.2 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: VW002364.D
Acq: 10 May 2018 07:35

Tgt Ion:152 Resp: 66145
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 155.4 0.0 342.6

