

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002557.D
 Acq On : 15 May 2018 18:13
 Operator : JC/SY
 Sample : J2888-13
 Misc : 5.11G/9ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RRT-S2

Quant Time: May 16 06:59:04 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	152750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116105	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	71874	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	7.88	113	62888	42.77	ug/l	0.00
Spiked Amount			Recovery	=	85.54%	
50) Toluene-d8	10.33	98	209188	37.39	ug/l	0.00
Spiked Amount			Recovery	=	74.78%	
62) 4-Bromofluorobenzene	12.63	95	81684	39.93	ug/l	0.00
Spiked Amount			Recovery	=	79.86%	

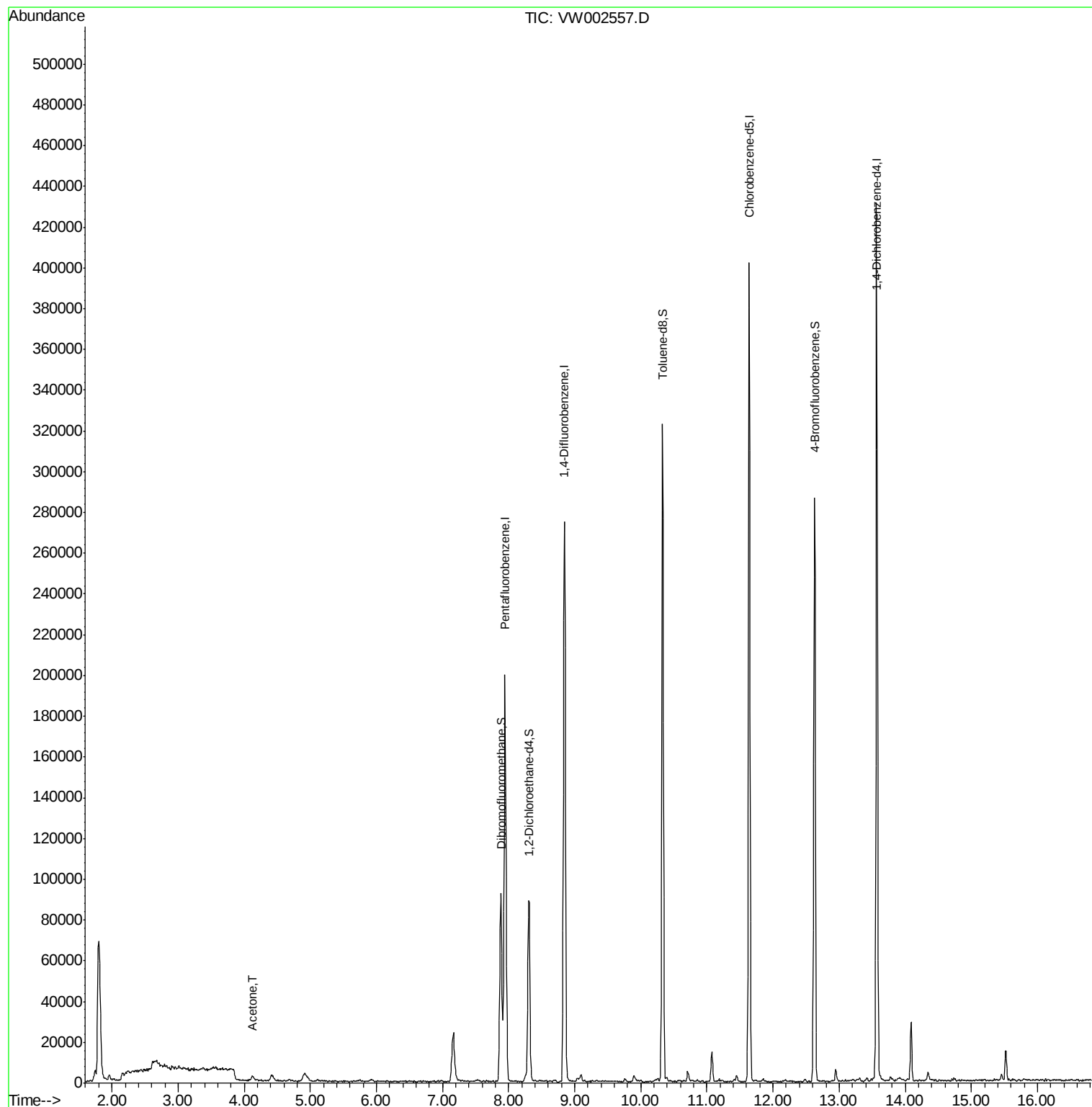
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4627	13.88	ug/l	# 89

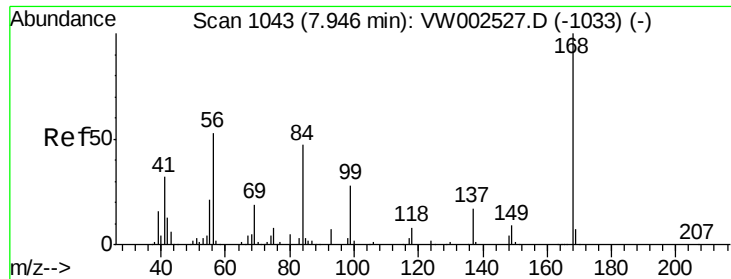
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW002557.D

Acq: 15 May 2018 18:13

Instrument :

MSVOA_W

ClientSampled :

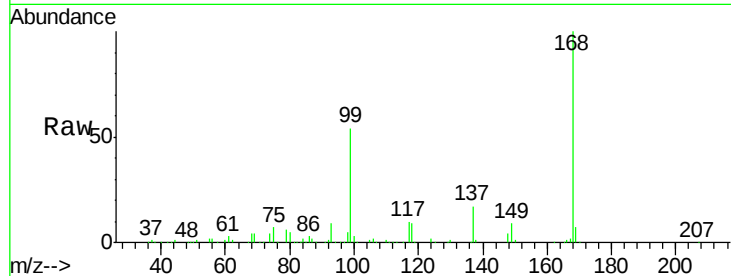
RRT-S2

Tot Ion:168 Resp: 152750

Ion Ratio Lower Upper

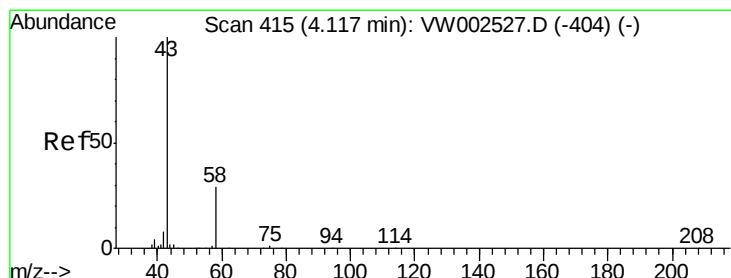
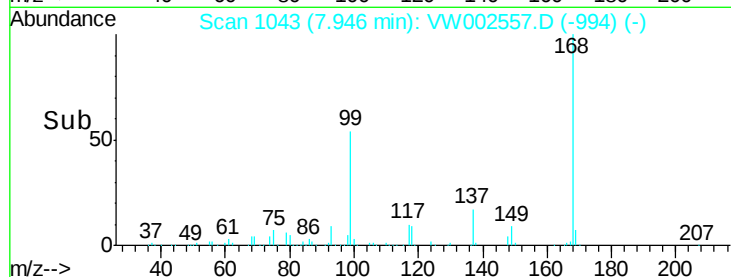
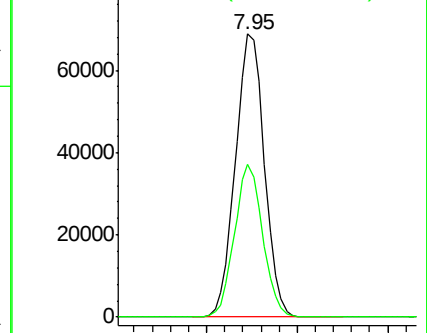
168 100

99 53.8 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: 13.88 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002557.D

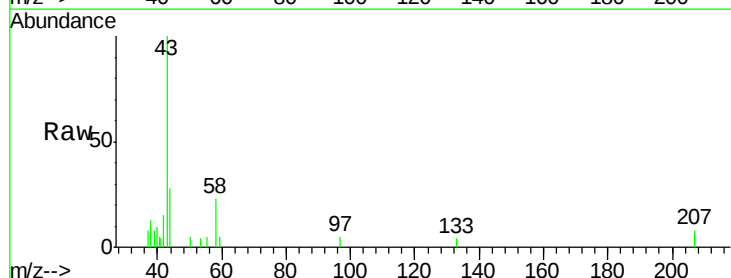
Acq: 15 May 2018 18:13

Tgt Ion: 43 Resp: 4627

Ion Ratio Lower Upper

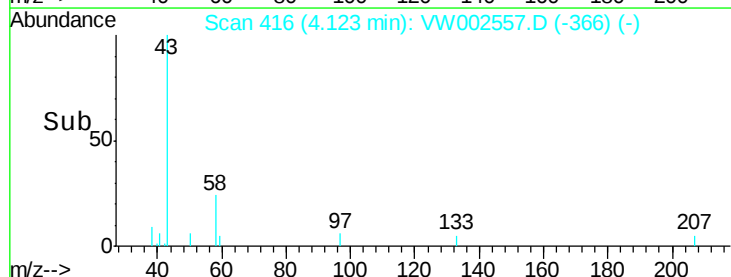
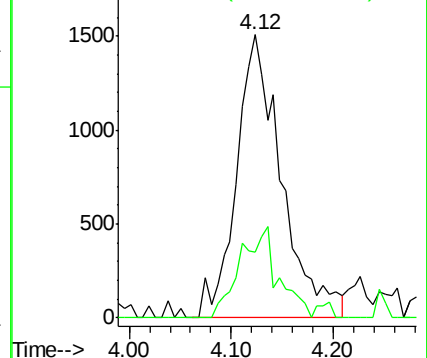
43 100

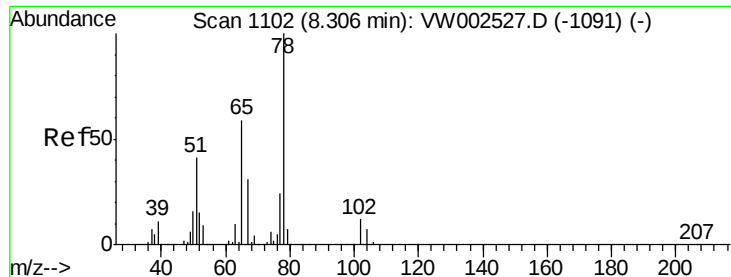
58 23.3 23.4 35.0#



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: 45.53 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002557.D

Acq: 15 May 2018 18:13

Instrument :

MSVOA_W

ClientSampleId :

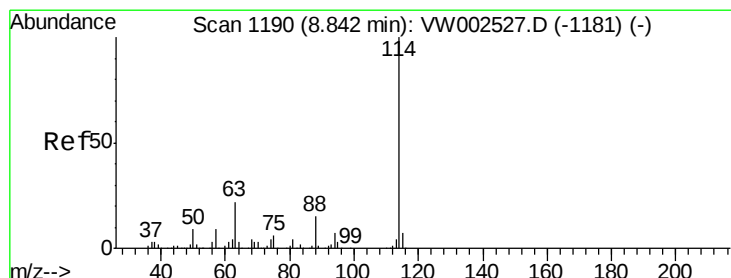
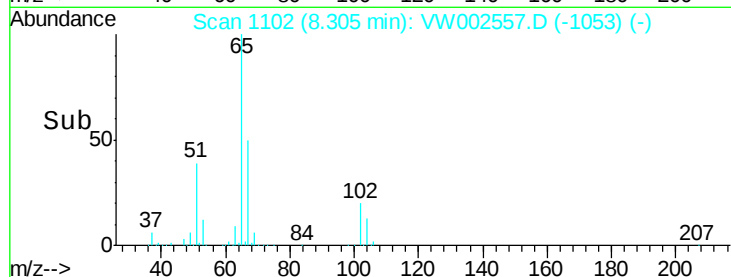
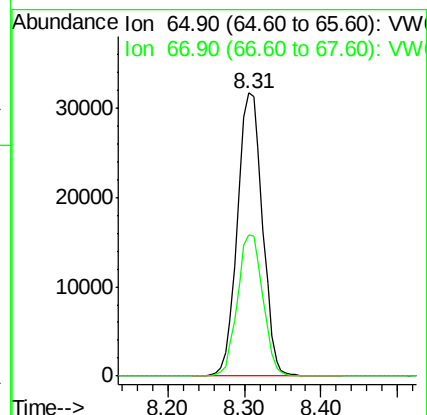
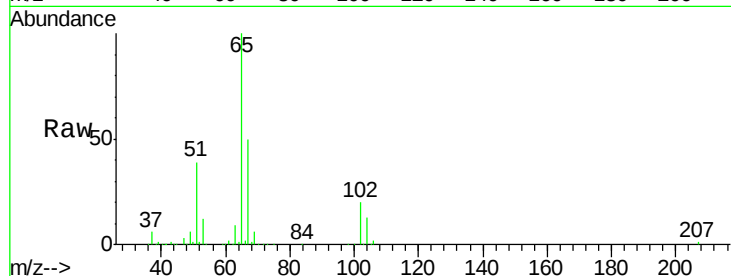
RRT-S2

Tot Ion: 65 Resp: 71874

Ion Ratio Lower Upper

65 100

67 50.5 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: VW002557.D

Acq: 15 May 2018 18:13

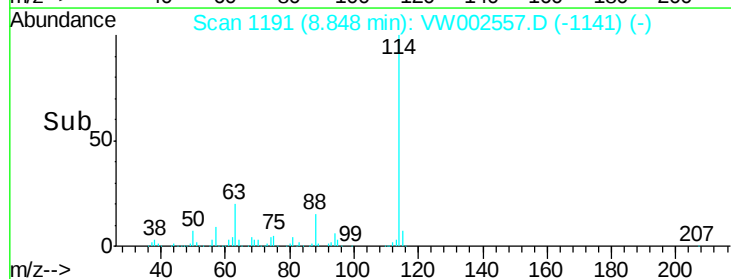
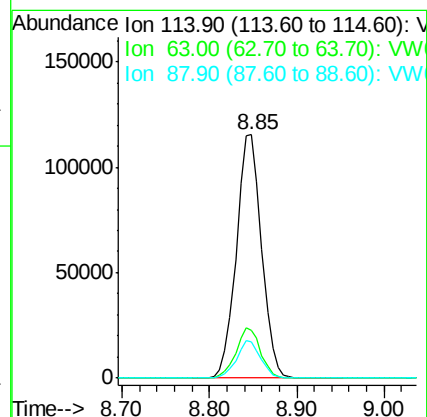
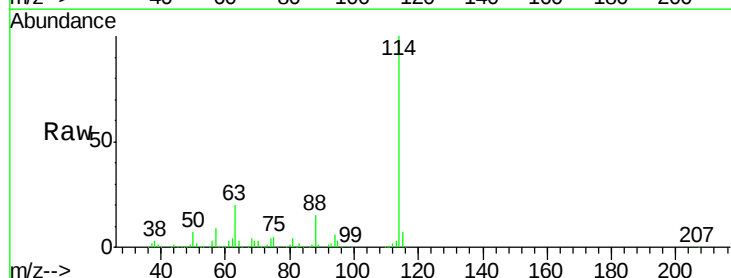
Tgt Ion: 114 Resp: 231798

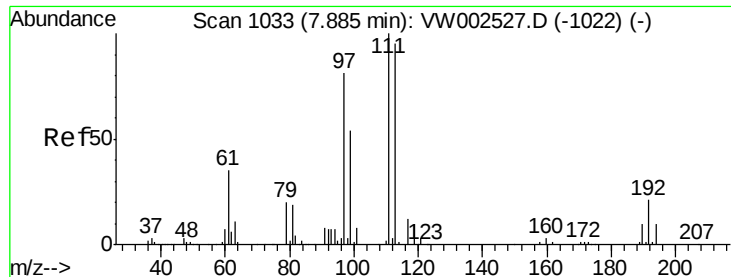
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.7 0.0 29.2

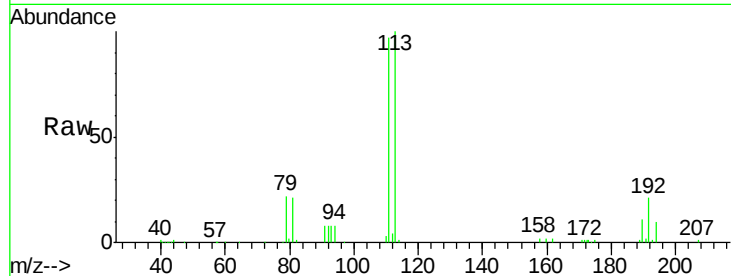




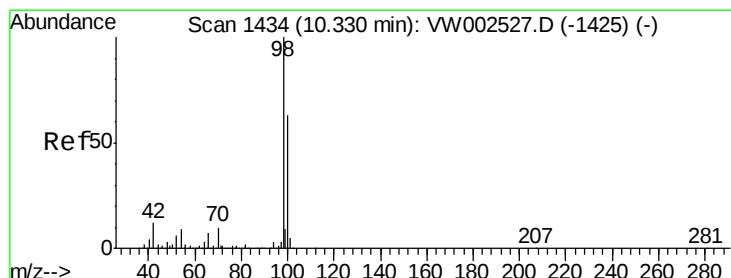
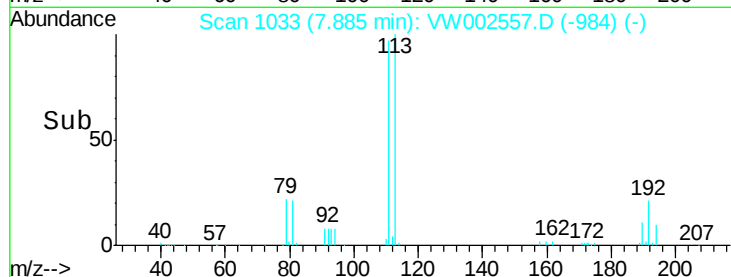
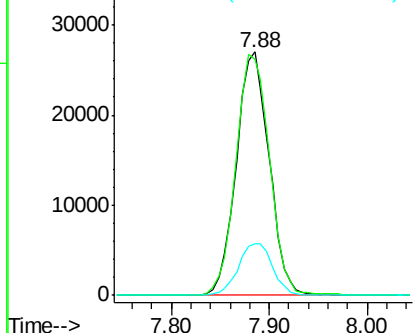
#35
Dibromofluoromethane
Concen: 42.77 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW002557.D
Acq: 15 May 2018 18:13

Instrument :
MSVOA_W
ClientSampleId :
RRT-S2

Tot Ion:113 Resp: 62888
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 22.1 17.5 26.3

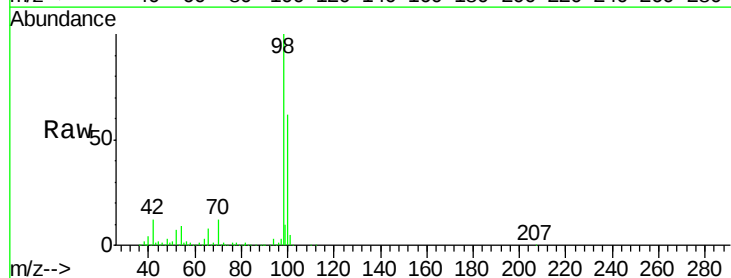


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

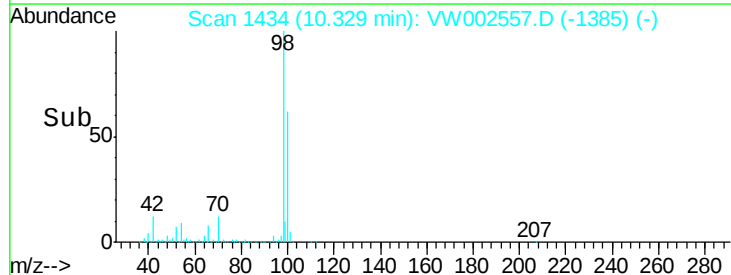
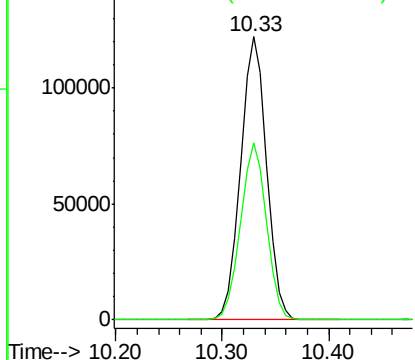


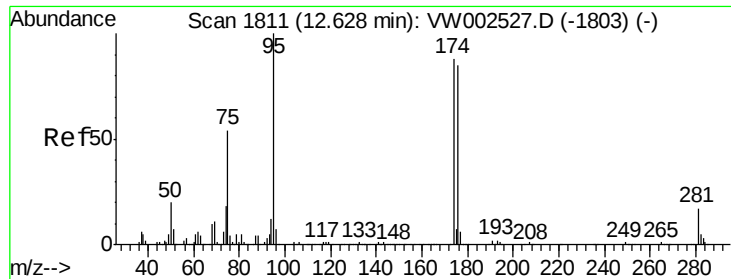
#50
Toluene-d8
Concen: 37.39 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002557.D
Acq: 15 May 2018 18:13

Tgt Ion: 98 Resp: 209188
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.4



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

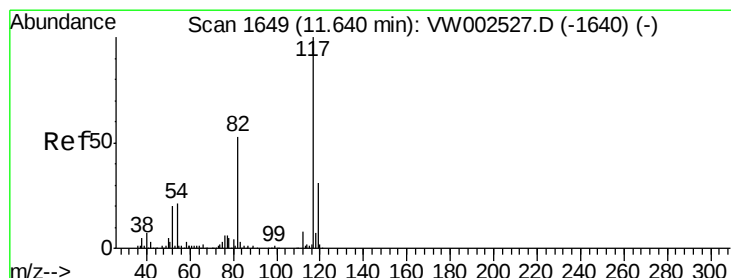
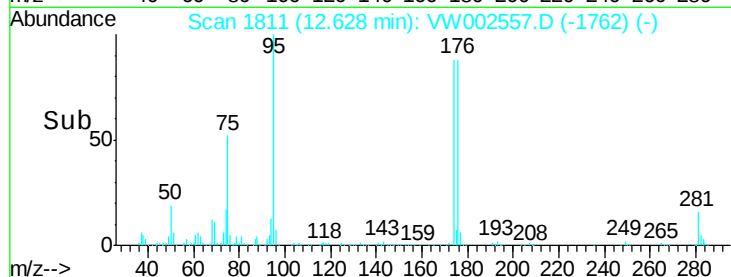
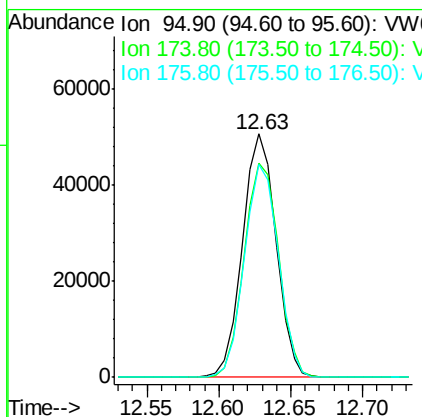
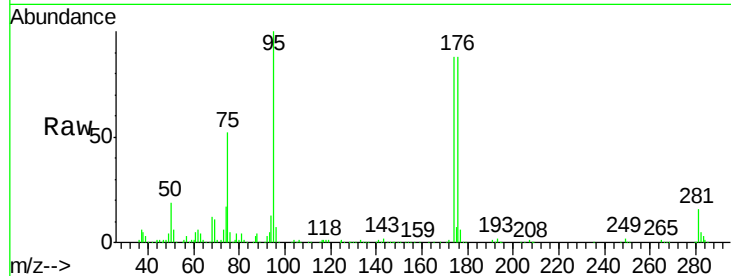




#62
4-Bromofluorobenzene
Concen: 39.93 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002557.D
Acq: 15 May 2018 18:13

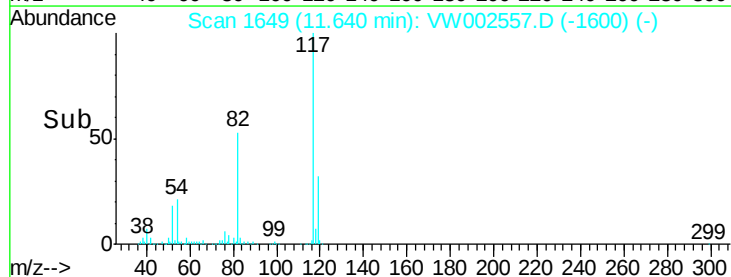
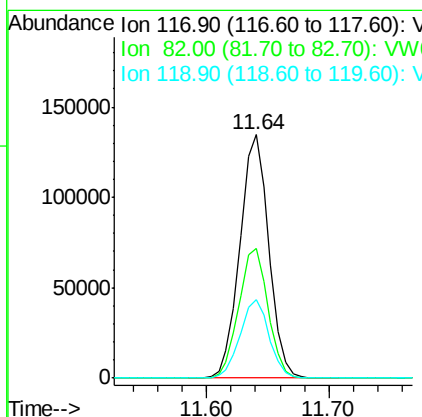
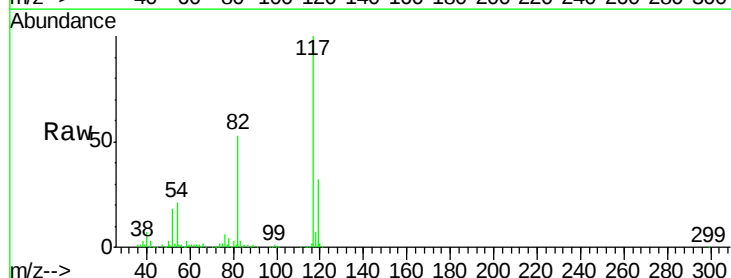
Instrument :
MSVOA_W
ClientSampleId :
RRT-S2

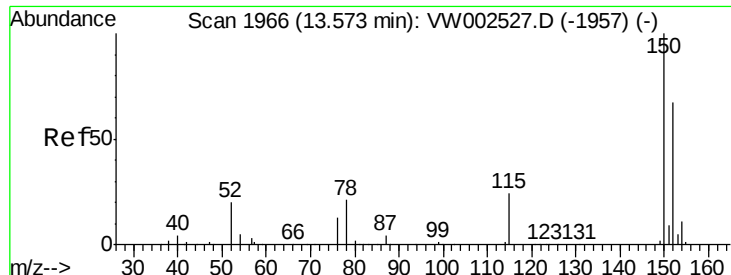
Tot Ion: 95 Resp: 81684
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 88.5 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002557.D
Acq: 15 May 2018 18:13

Tgt Ion: 117 Resp: 220120
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.0 25.0 37.6

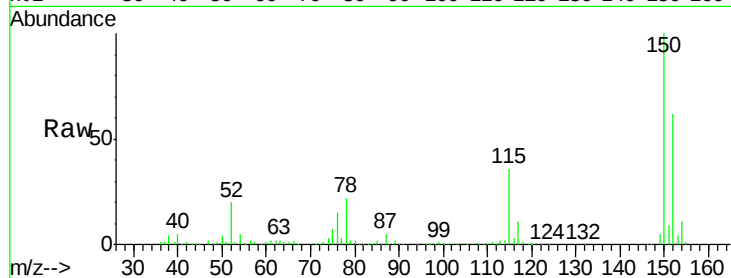




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: VW002557.D
 Acq: 15 May 2018 18:13

Instrument :
 MSVOA_W
 ClientSampleId :
 RRT-S2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	157.9	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

