

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005874.D
 Acq On : 05 Oct 2018 02:40
 Operator : SY/AP
 Sample : J5218-01RE
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 280-356RE

Quant Time: Oct 05 15:18:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

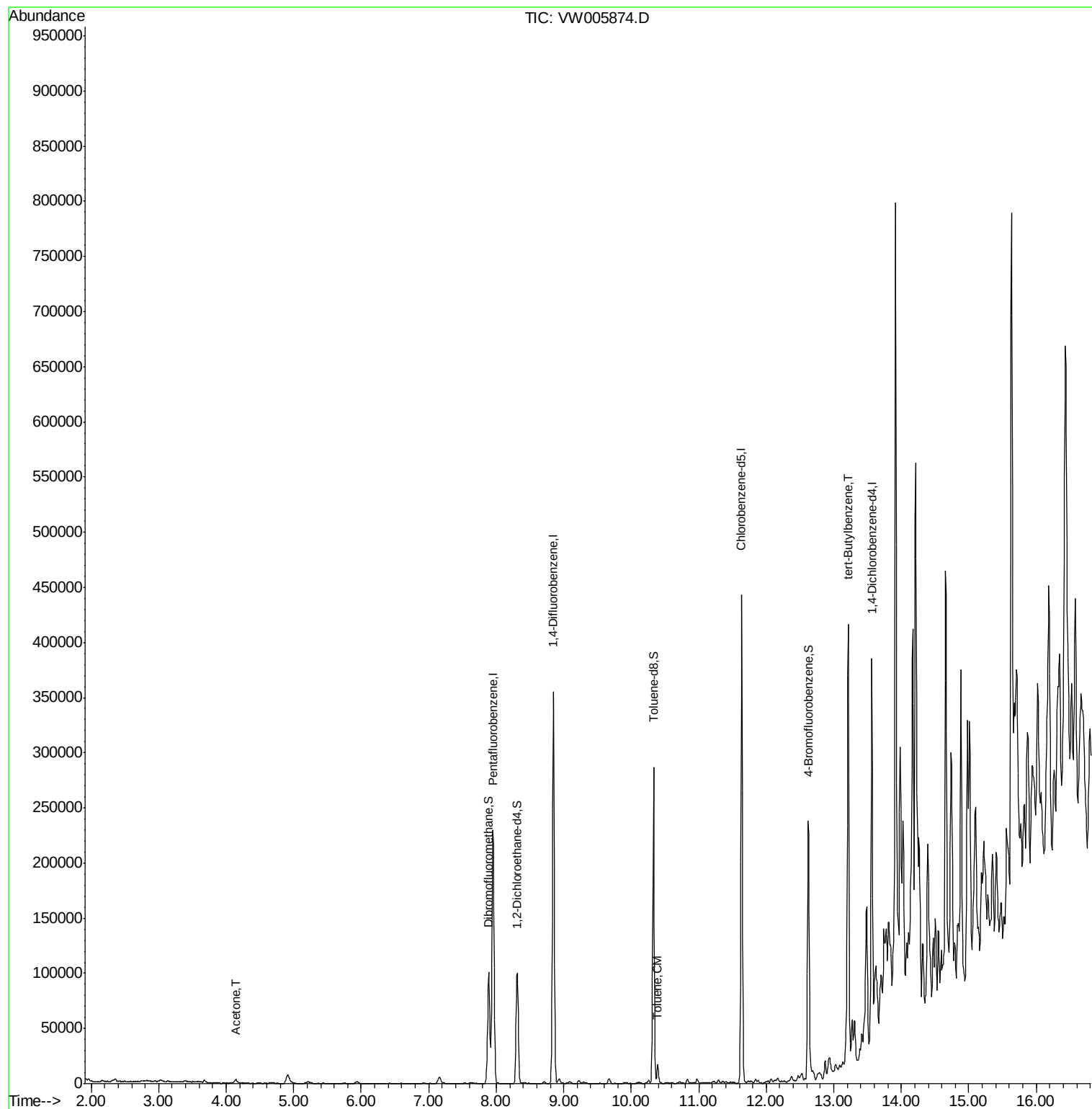
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	286990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86729	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
35) Dibromofluoromethane	7.89	113	70000	37.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.42%	
50) Toluene-d8	10.33	98	185663	24.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.72%	
62) 4-Bromofluorobenzene	12.62	95	75071	27.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.40%	
Target Compounds						
16) Acetone	4.14	43	6326	18.196	ug/l #	86
52) Toluene	10.39	92	6998	1.328	ug/l	100
83) tert-Butylbenzene	13.21	119	177426	39.331	ug/l	98

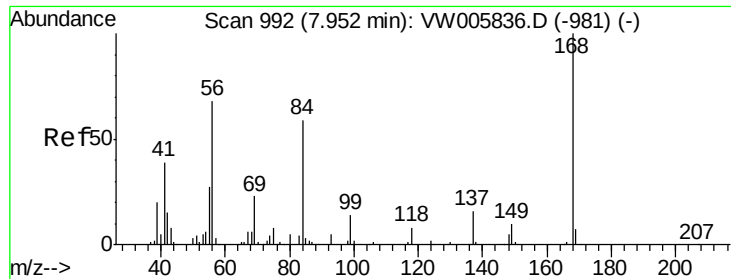
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005874.D

Acq: 05 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

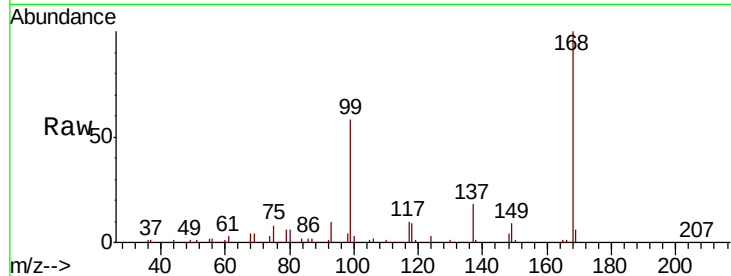
280-356RE

Tot Ion:168 Resp: 171717

Ion Ratio Lower Upper

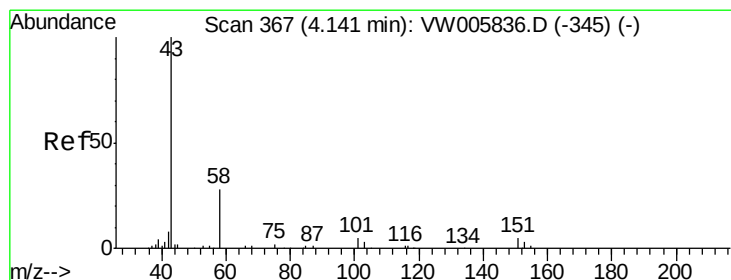
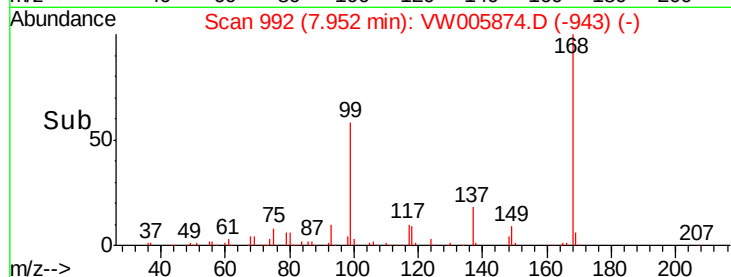
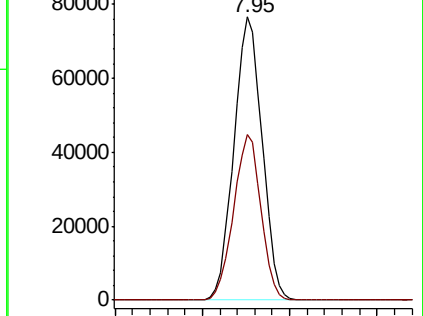
168 100

99 58.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 18.196 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005874.D

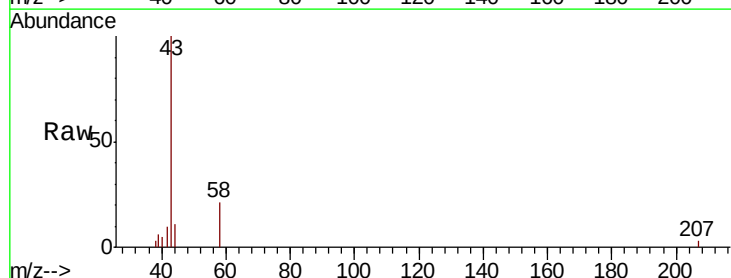
Acq: 05 Oct 2018 02:40

Tgt Ion: 43 Resp: 6326

Ion Ratio Lower Upper

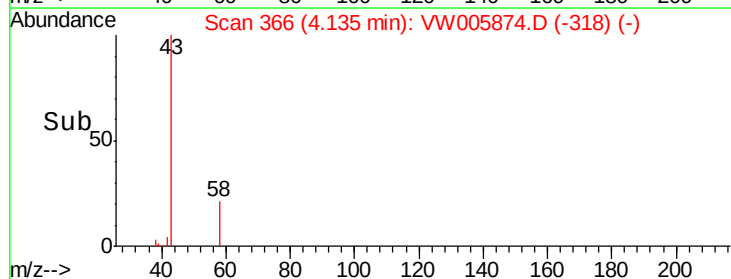
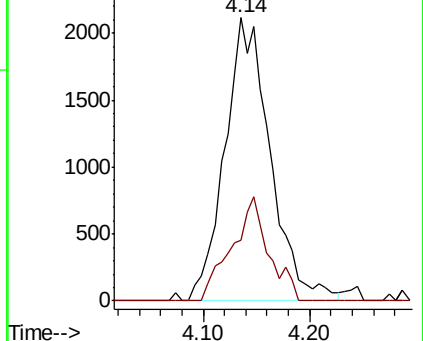
43 100

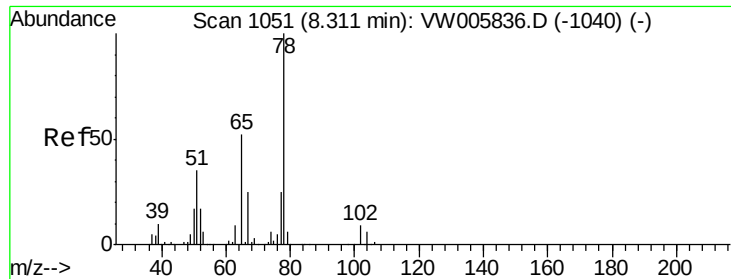
58 21.3 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

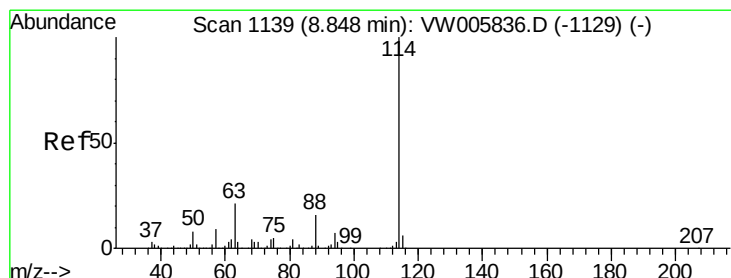
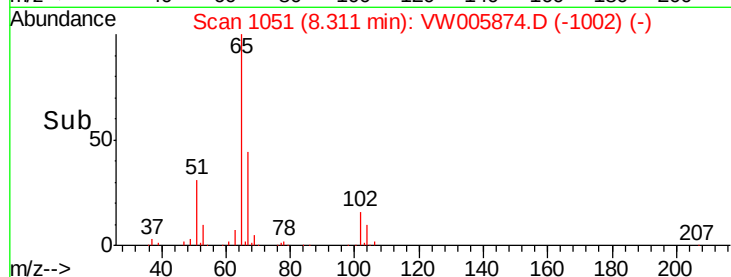
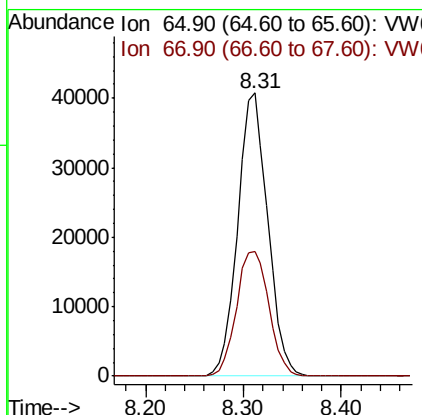
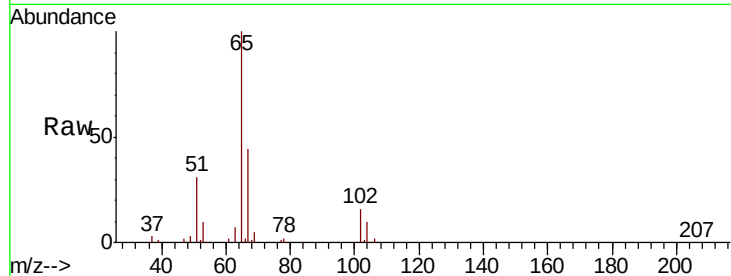




#33
 1,2-Dichloroethane-d4
 Concen: 41.633 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005874.D
 Acq: 05 Oct 2018 02:40

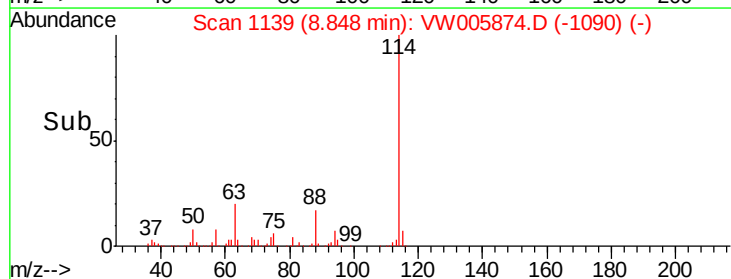
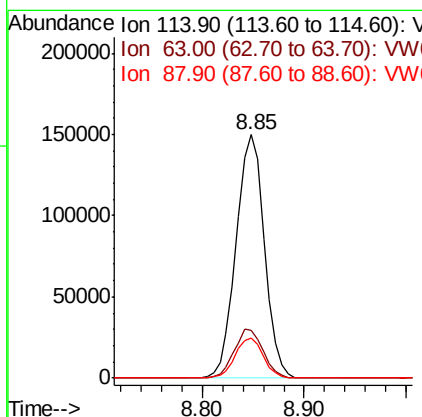
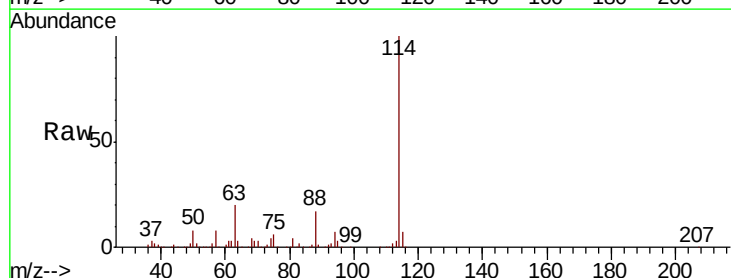
Instrument :
 MSVOA_W
 ClientSampleId :
 280-356RE

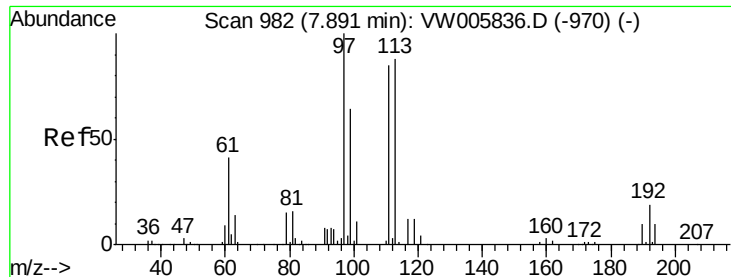
Tot Ion: 65 Resp: 86729
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005874.D
 Acq: 05 Oct 2018 02:40

Tgt Ion: 114 Resp: 286990
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.0
 88 16.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 37.213 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005874.D

Acq: 05 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

280-356RE

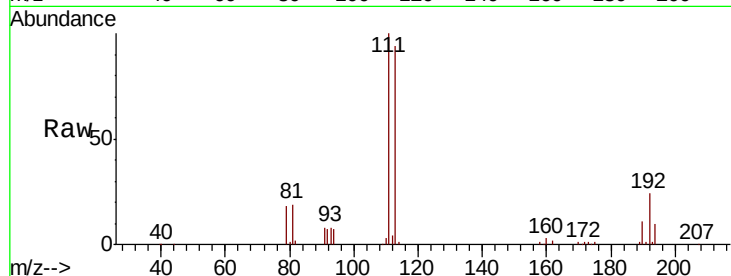
Tot Ion:113 Resp: 70000

Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.2

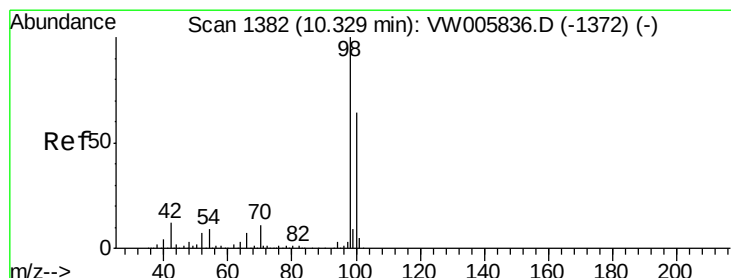
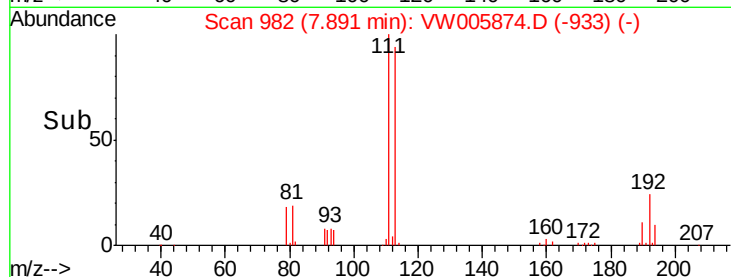
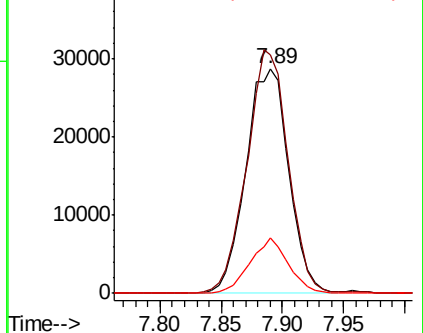
192 22.1 17.3 25.9



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: 24.857 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005874.D

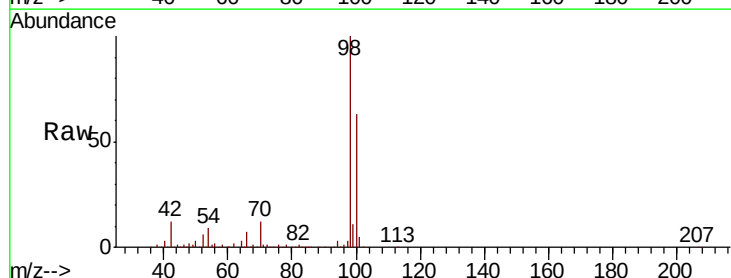
Acq: 05 Oct 2018 02:40

Tgt Ion: 98 Resp: 185663

Ion Ratio Lower Upper

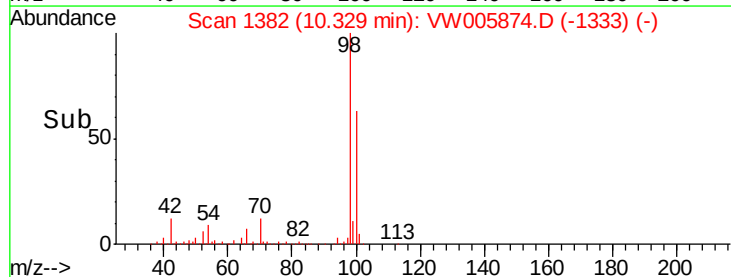
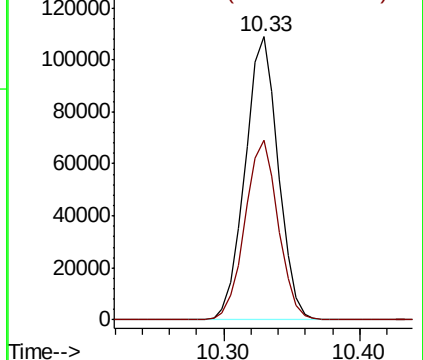
98 100

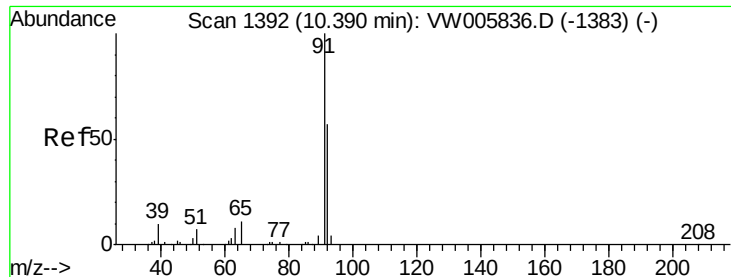
100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.328 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005874.D

Acq: 05 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

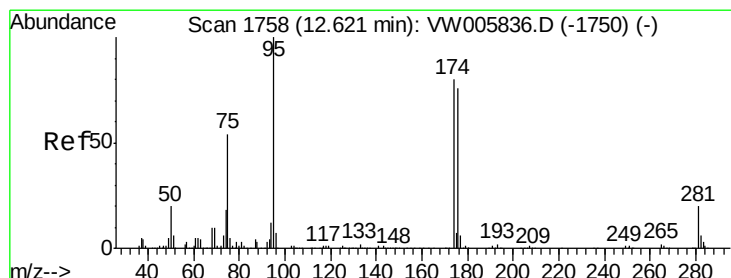
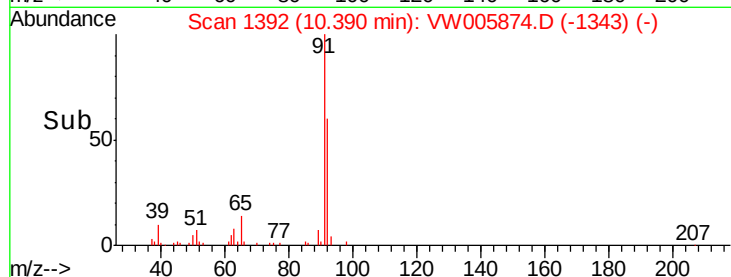
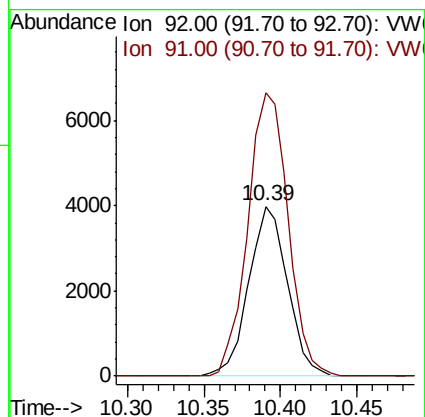
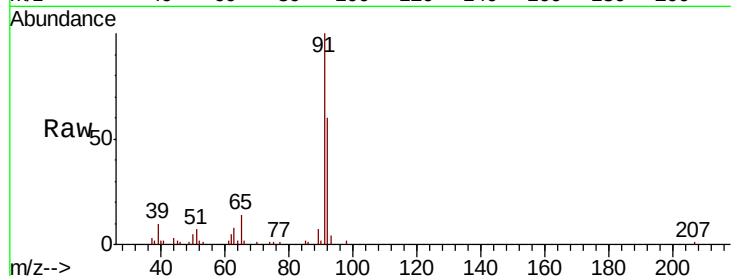
280-356RE

Tot Ion: 92 Resp: 6998

Ion Ratio Lower Upper

92 100

91 174.0 139.0 208.4



#62

4-Bromofluorobenzene

Concen: 27.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005874.D

Acq: 05 Oct 2018 02:40

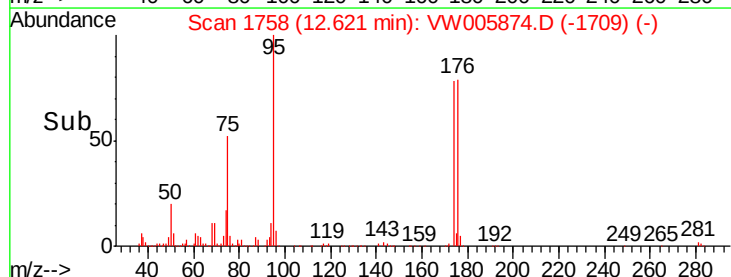
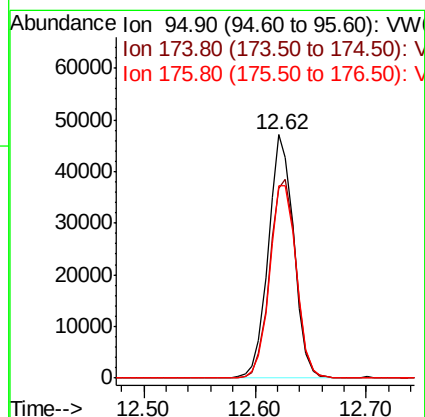
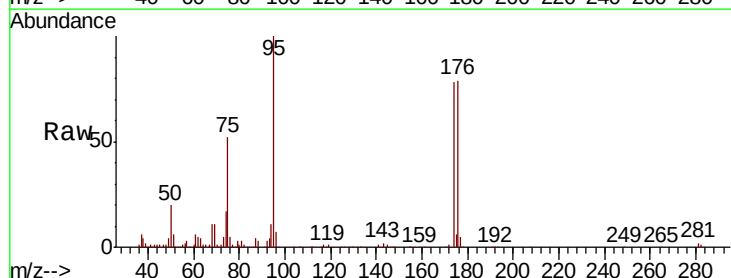
Tgt Ion: 95 Resp: 75071

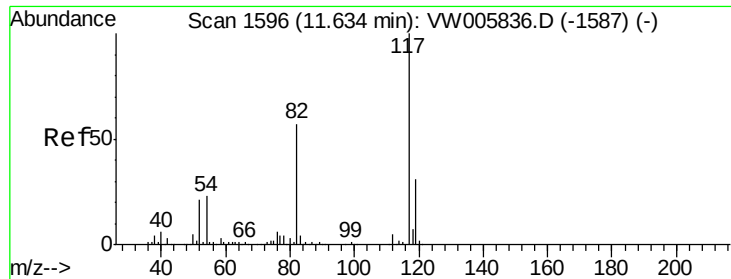
Ion Ratio Lower Upper

95 100

174 84.7 0.0 169.0

176 82.8 0.0 164.2

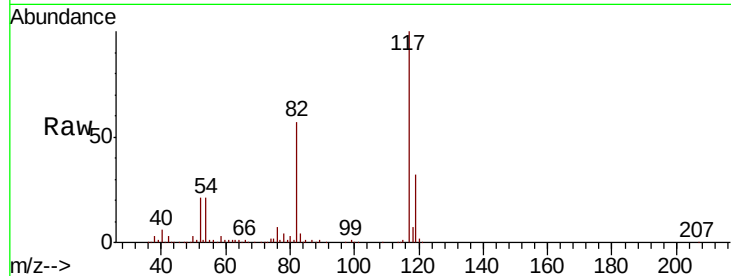




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005874.D
Acq: 05 Oct 2018 02:40

Instrument :
MSVOA_W
ClientSampleId :
280-356RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.6	68.4
119	32.4	25.0	37.6

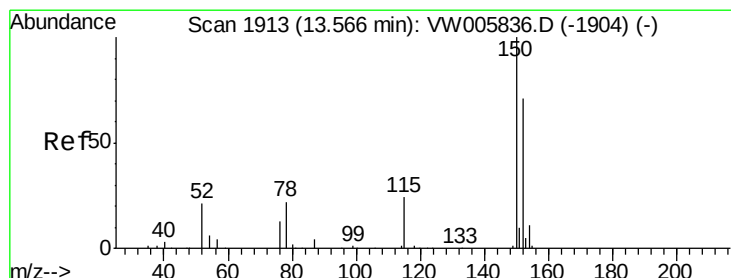
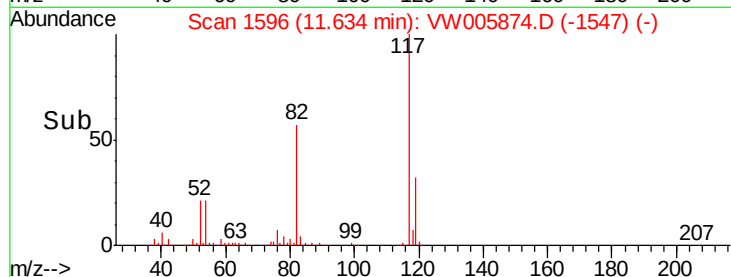
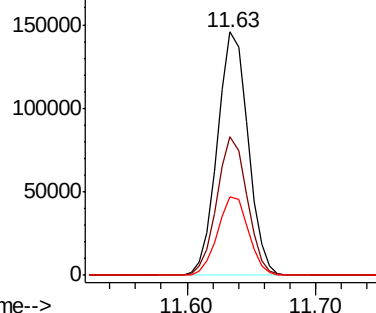


Abundance

Ion 116.90 (116.60 to 117.60): V

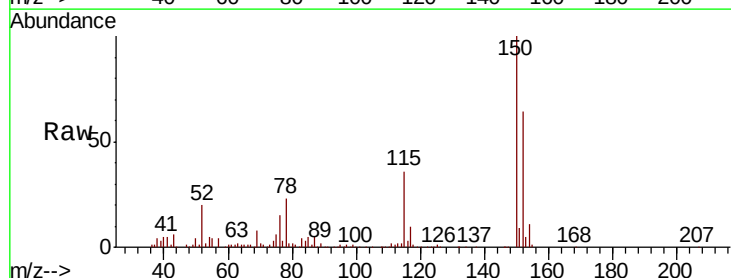
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005874.D
Acq: 05 Oct 2018 02:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.8	89.4
150	155.7	0.0	349.4

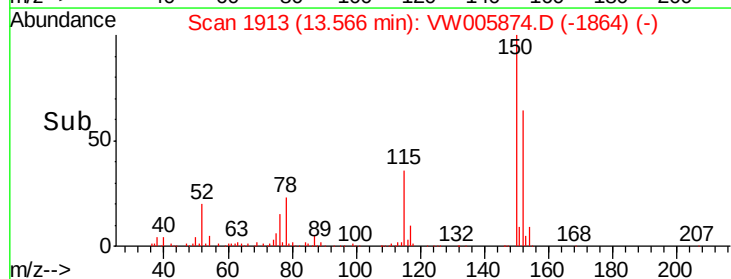
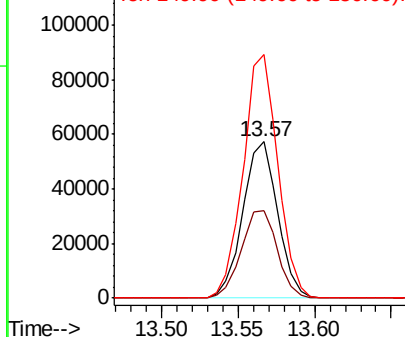


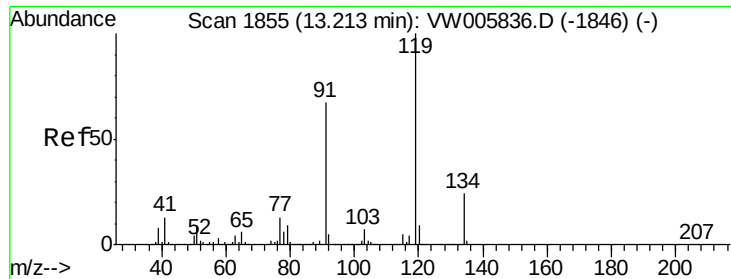
Abundance

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





#83

tert-Butylbenzene

Concen: 39.331 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005874.D

Acq: 05 Oct 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

280-356RE

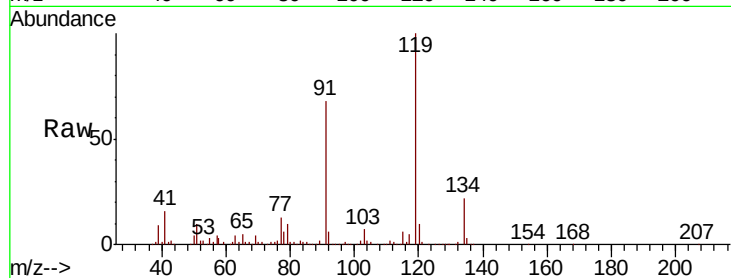
Tot Ion:119 Resp: 177426

Ion Ratio Lower Upper

119 100

91 67.4 33.4 100.2

134 22.9 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

