

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010658.D
 Acq On : 03 Jun 2019 14:38
 Operator : SY/VA
 Sample : K3139-02
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1A-S2

Quant Time: Jun 04 08:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

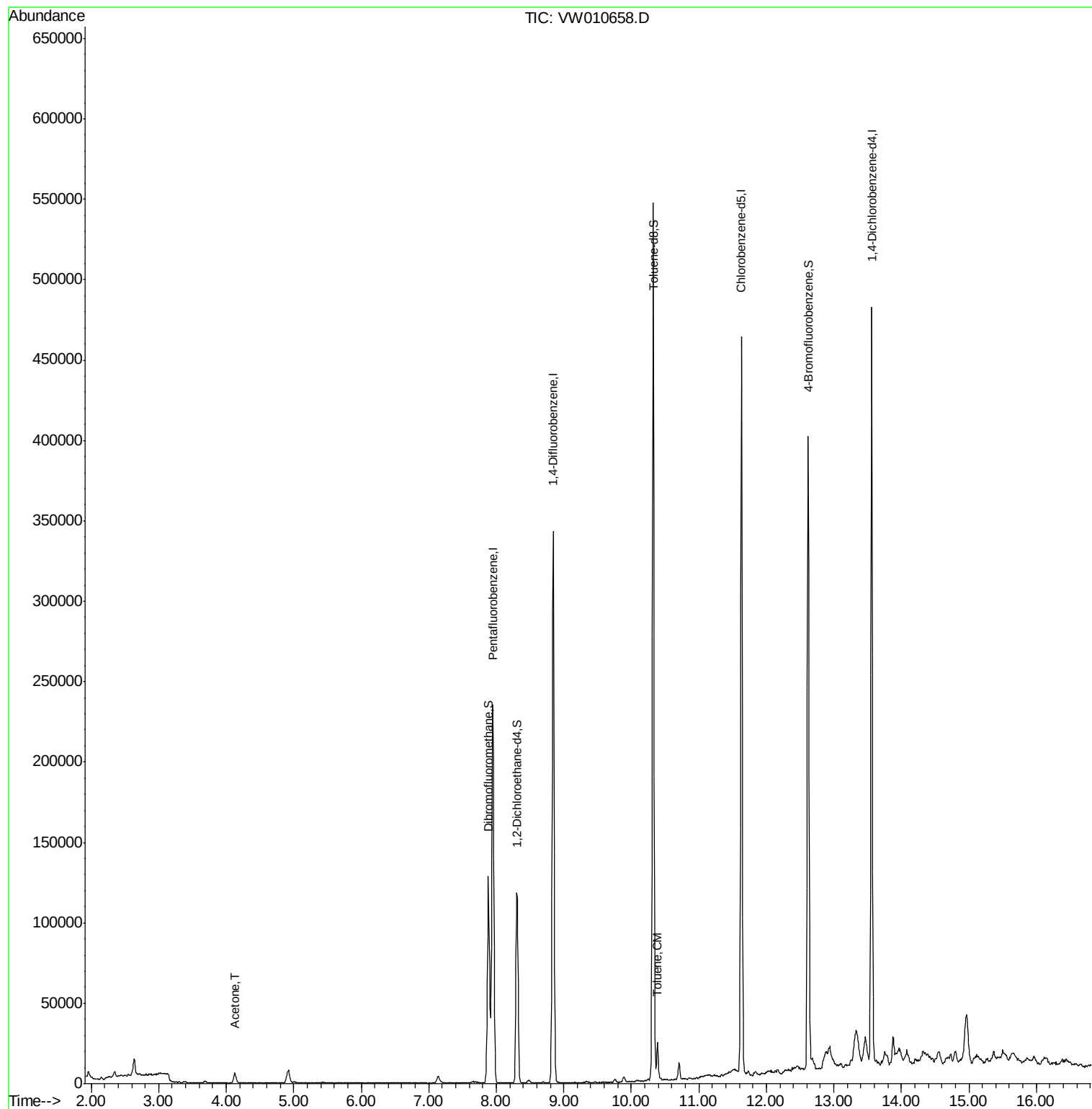
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92785	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	7.88	113	92686	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.32	98	372437	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	141178	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
16) Acetone	4.12	43	10806	27.303	ug/l	99
52) Toluene	10.39	92	10134	1.860	ug/l	97

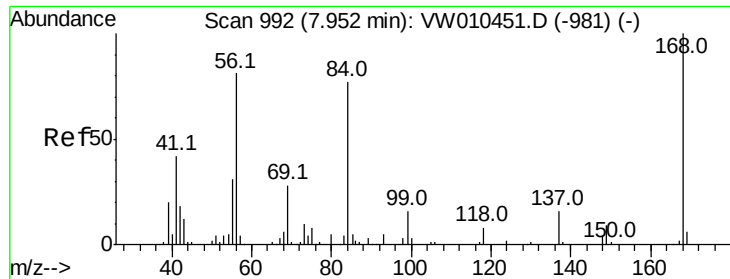
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010658.D

Acq: 03 Jun 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

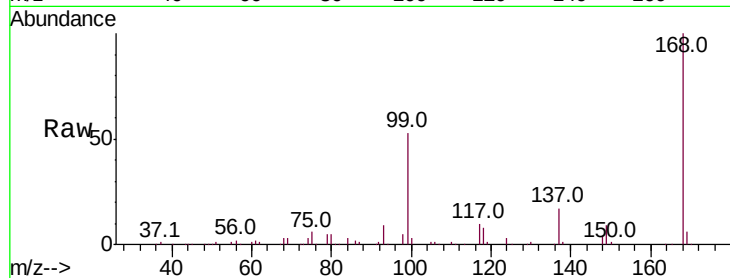
TP-1A-S2

Tot Ion:168 Resp: 187851

Ion Ratio Lower Upper

168 100

99 53.3 46.1 69.1

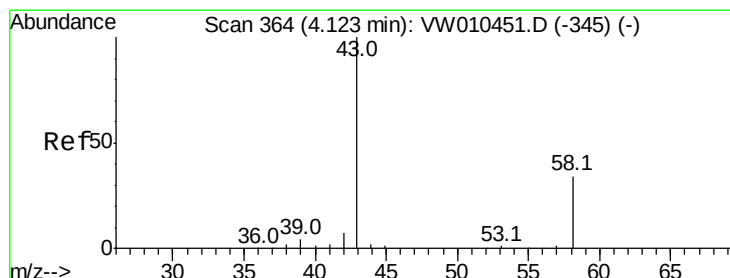
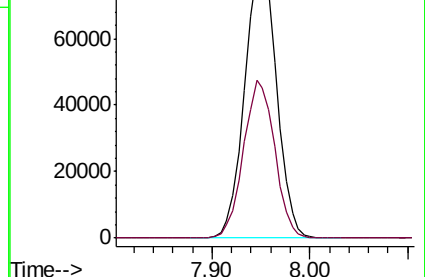
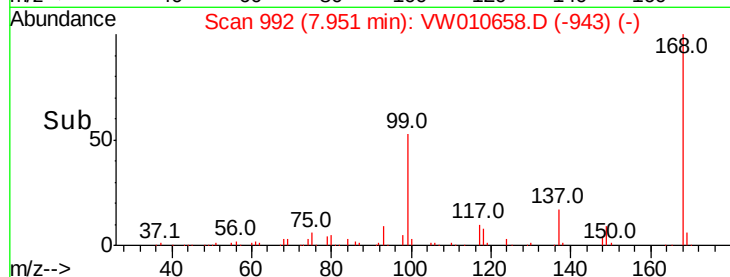


Abundance Ion 167.90 (167.60 to 168.60): VW010451.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW010451.D (-981) (-)

7.95

Time-->



#16

Acetone

Concen: 27.303 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010658.D

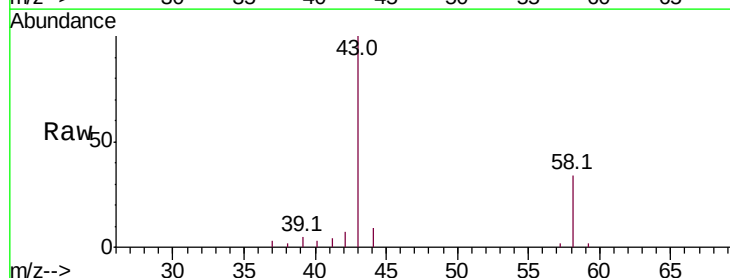
Acq: 03 Jun 2019 14:38

Tgt Ion: 43 Resp: 10806

Ion Ratio Lower Upper

43 100

58 34.4 27.0 40.4

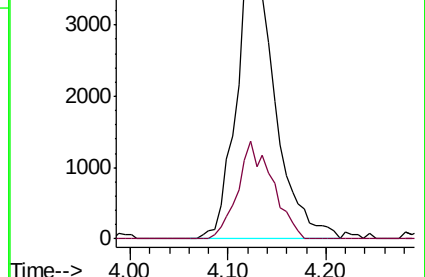
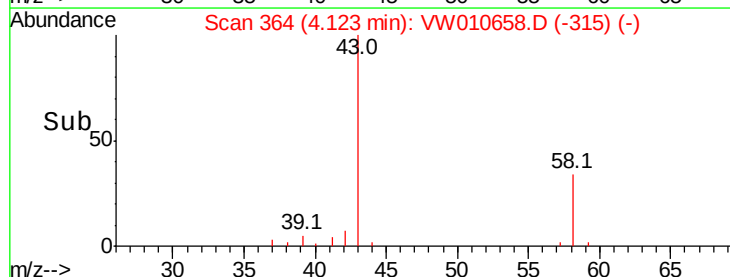


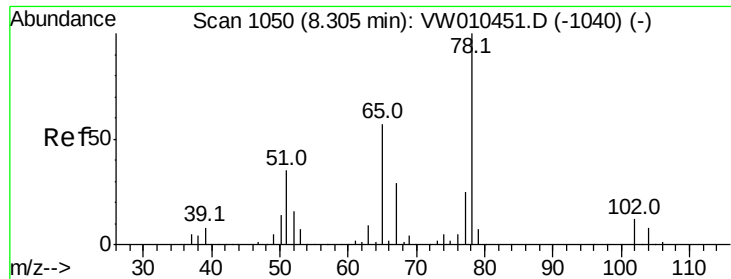
Abundance Ion 43.00 (42.70 to 43.70): VW010451.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VW010451.D (-345) (-)

4.12

Time-->

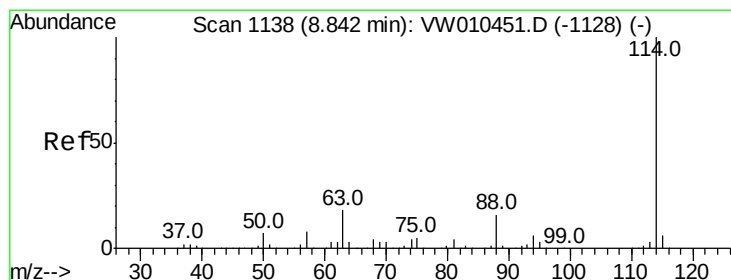
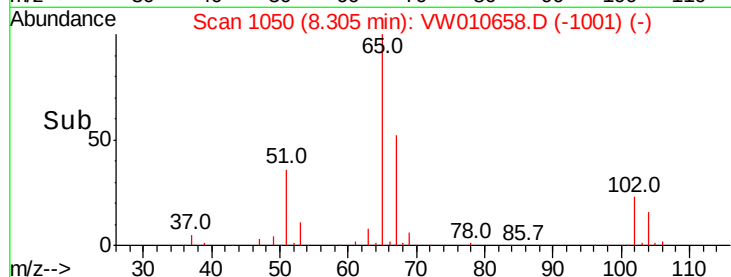
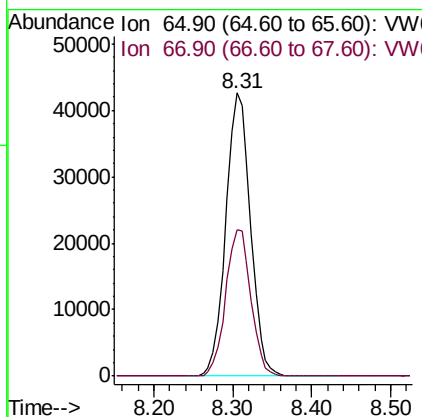
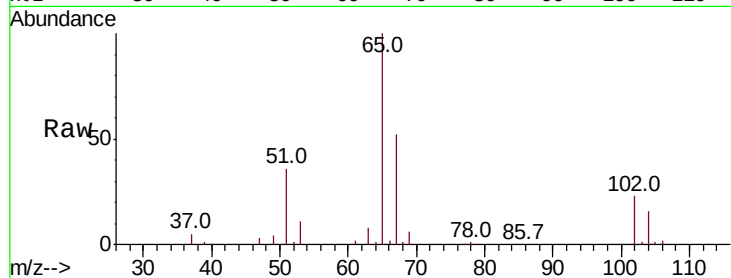




#33
 1,2-Dichloroethane-d4
 Concen: 47.853 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010658.D
 Acq: 03 Jun 2019 14:38

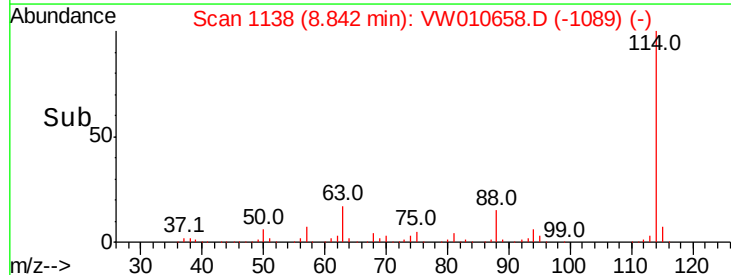
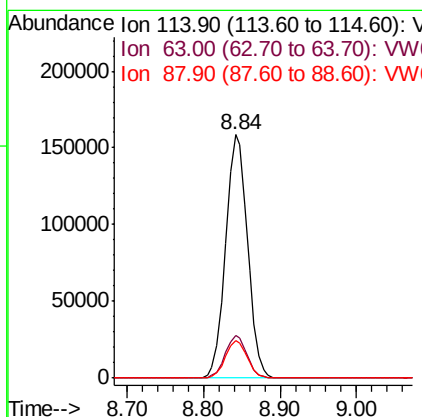
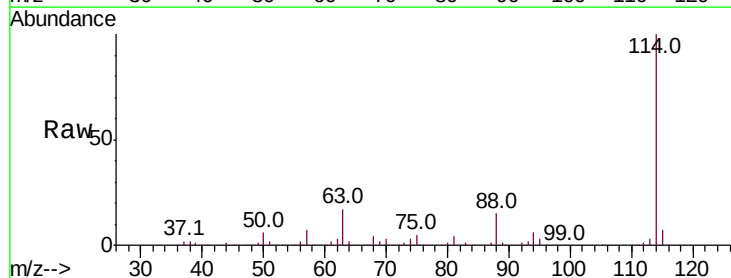
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1A-S2

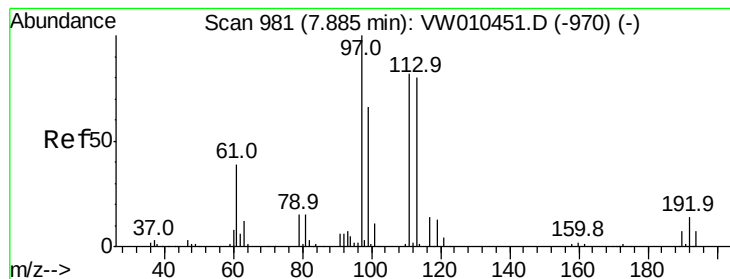
Tot Ion: 65 Resp: 92785
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010658.D
 Acq: 03 Jun 2019 14:38

Tgt Ion: 114 Resp: 313401
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.0
 88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.740 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010658.D

Acq: 03 Jun 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

TP-1A-S2

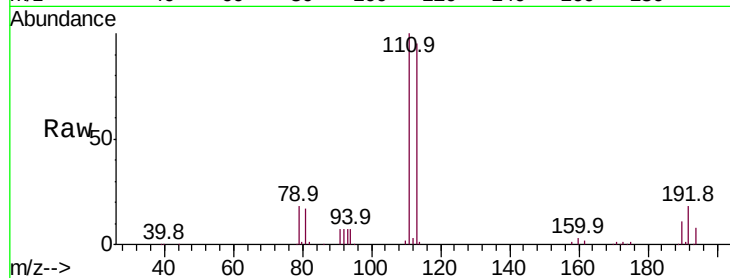
Tot Ion:113 Resp: 92686

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

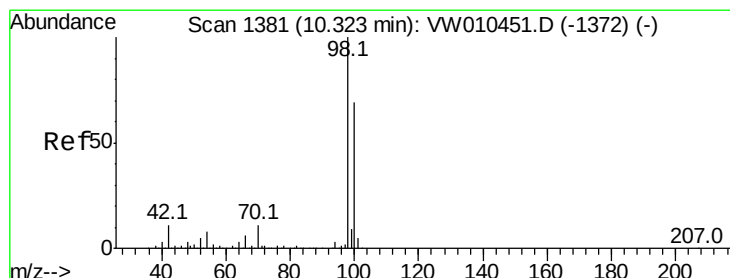
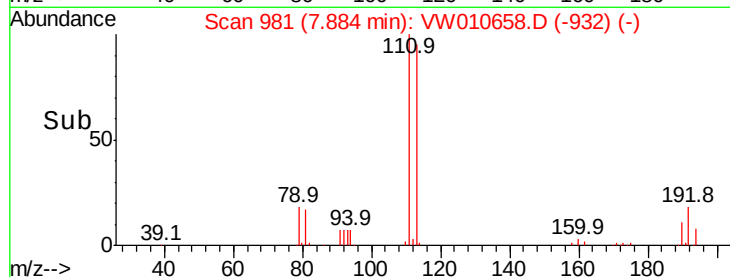
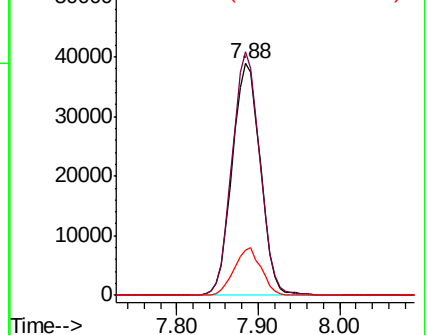
192 19.5 14.3 21.5



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: 51.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010658.D

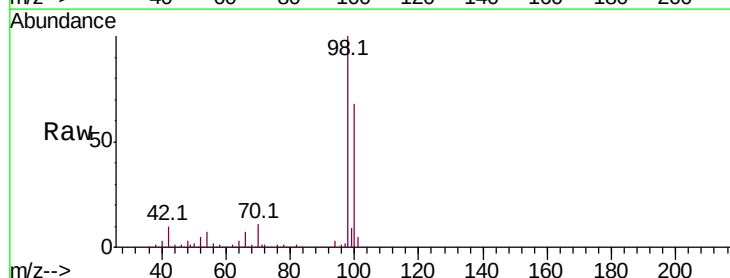
Acq: 03 Jun 2019 14:38

Tgt Ion: 98 Resp: 372437

Ion Ratio Lower Upper

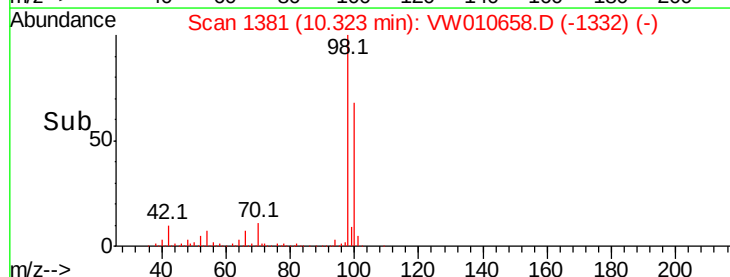
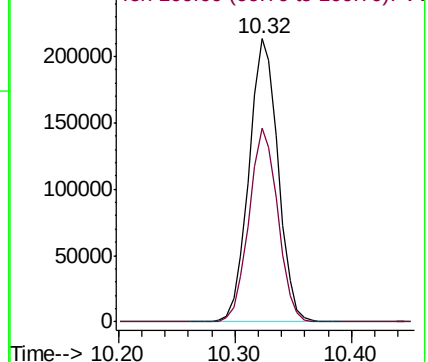
98 100

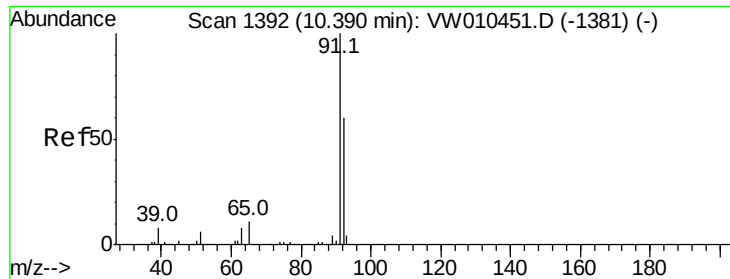
100 67.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.860 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010658.D

Acq: 03 Jun 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

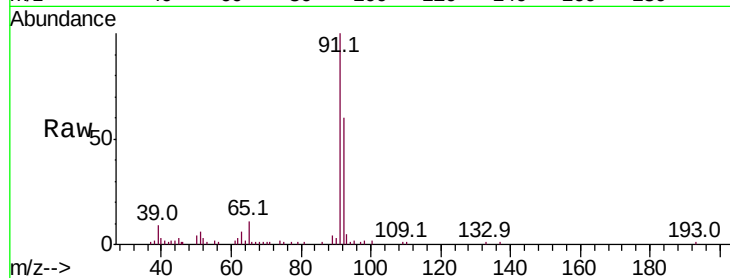
TP-1A-S2

Tot Ion: 92 Resp: 10134

Ion Ratio Lower Upper

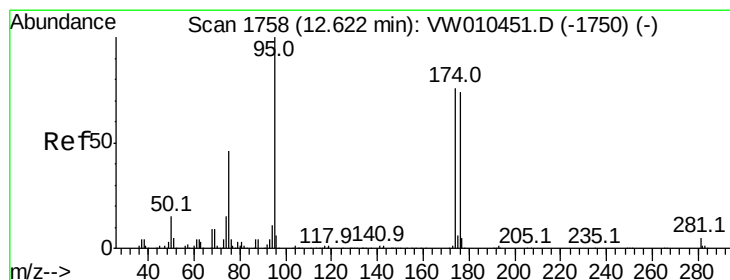
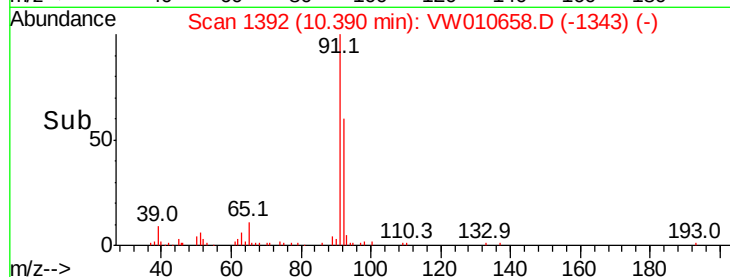
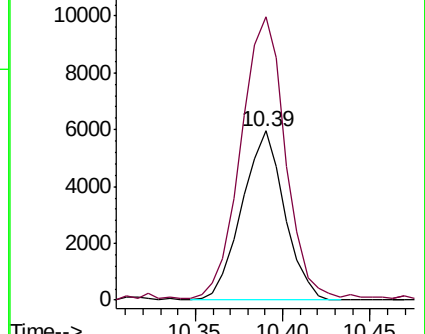
92 100

91 173.2 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 48.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010658.D

Acq: 03 Jun 2019 14:38

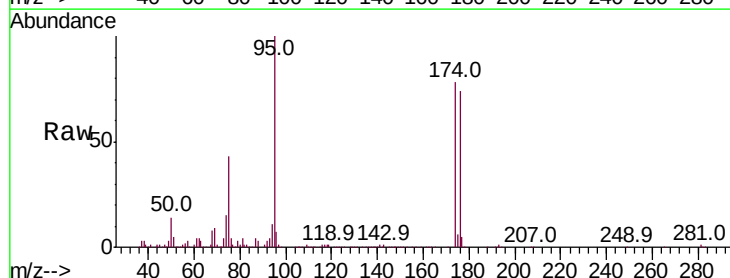
Tgt Ion: 95 Resp: 141178

Ion Ratio Lower Upper

95 100

174 76.7 0.0 148.6

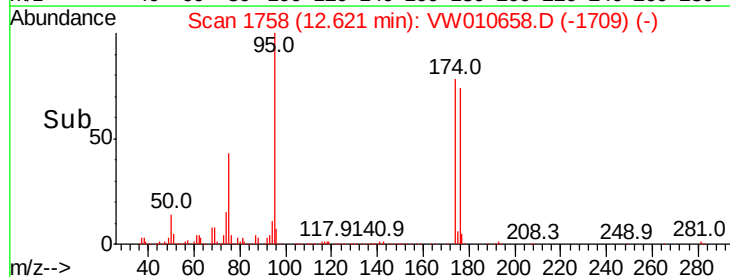
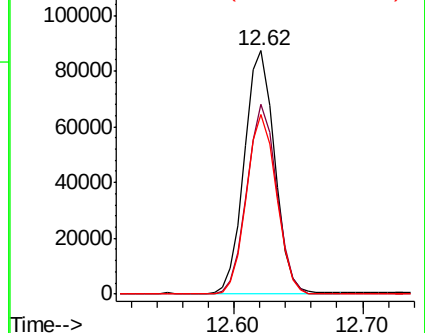
176 73.4 0.0 144.2

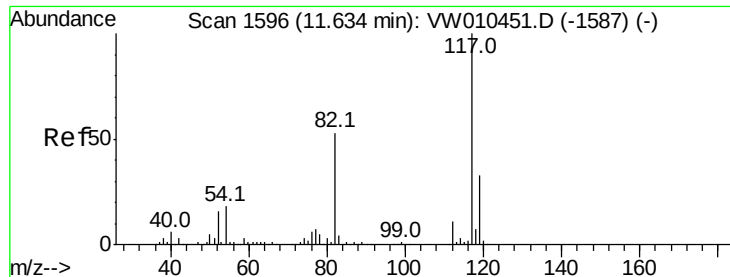


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

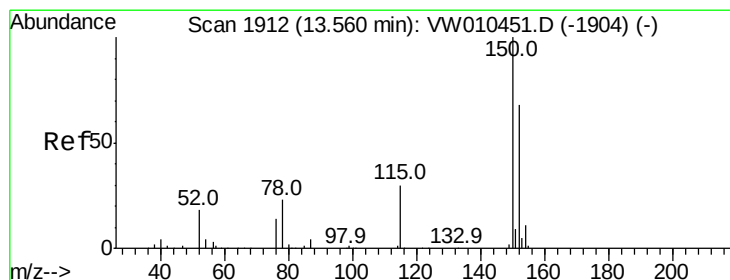
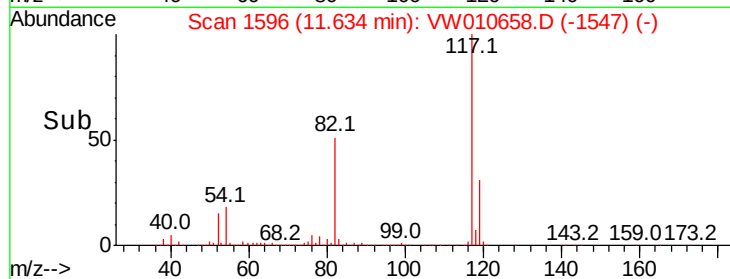
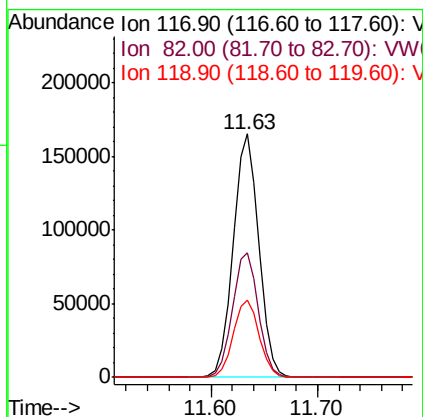
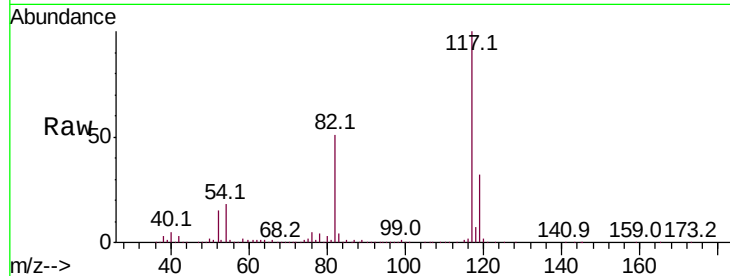




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010658.D
Acq: 03 Jun 2019 14:38

Instrument :
MSVOA_W
ClientSampled :
TP-1A-S2

Tot Ion:117 Resp: 278405
Ion Ratio Lower Upper
117 100
82 50.9 42.8 64.2
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010658.D
Acq: 03 Jun 2019 14:38

Tgt Ion:152 Resp: 129409
Ion Ratio Lower Upper
152 100
115 59.8 30.3 91.0
150 155.1 0.0 349.8

