

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008707.D
 Acq On : 16 Feb 2019 03:02
 Operator : SY/VA
 Sample : K1515-13
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-13

Quant Time: Feb 16 05:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

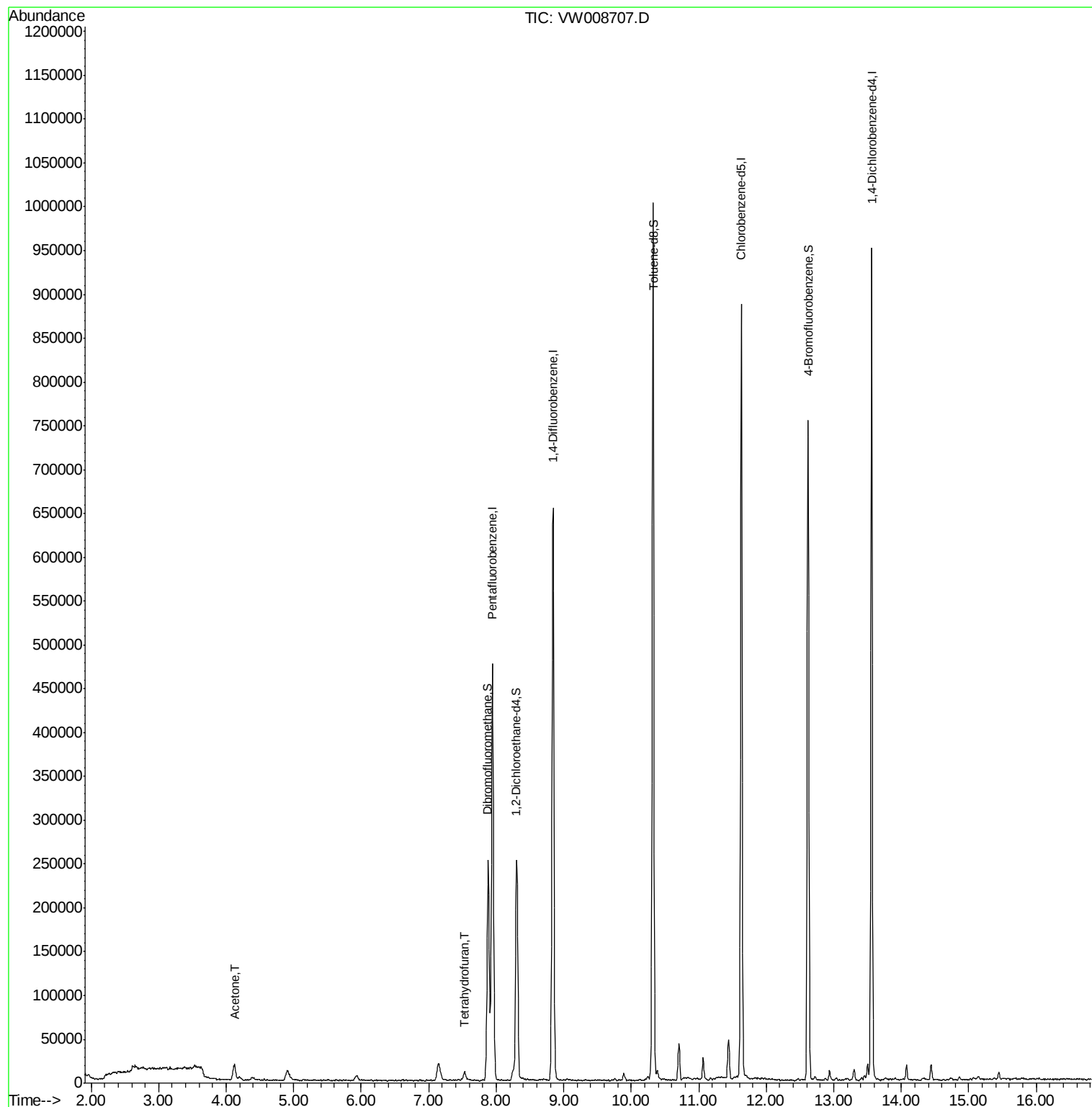
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	555472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	487594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	194920	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.88	113	170405	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.32	98	656937	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	224613	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
16) Acetone	4.12	43	31626	37.124	ug/l	Qvalue 100
29) Tetrahydrofuran	7.53	42	7045	8.885	ug/l	93

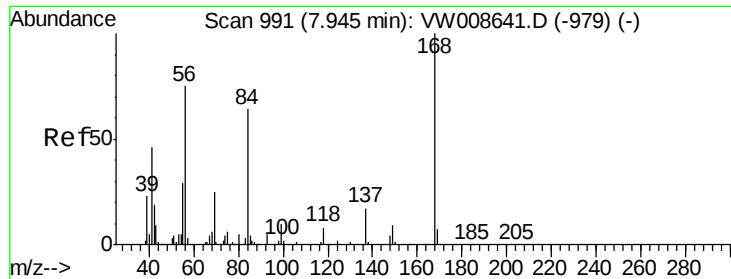
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

Instrument :

MSVOA_W

ClientSampleId :

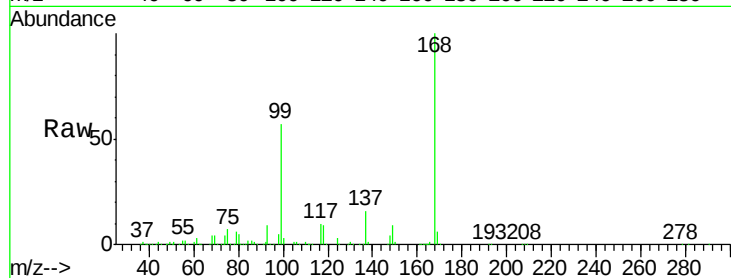
TS-13

Tot Ion:168 Resp: 360094

Ion Ratio Lower Upper

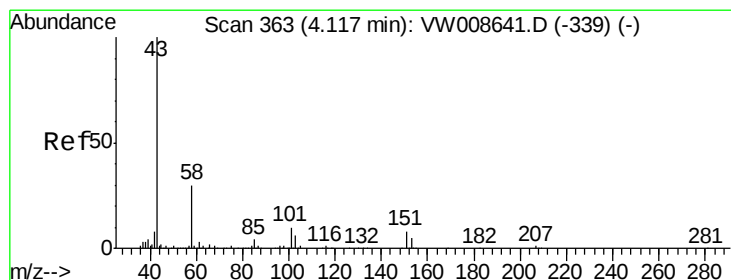
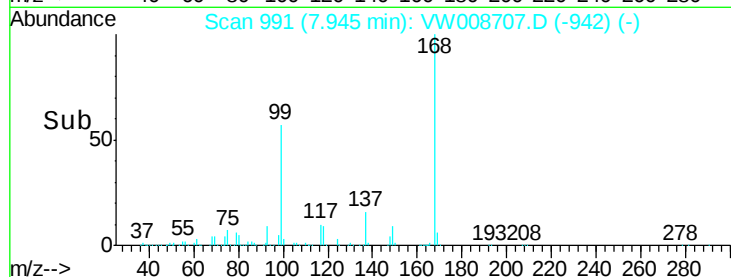
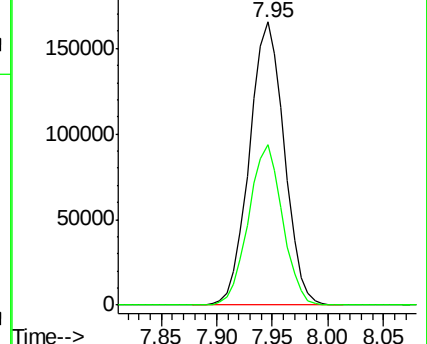
168 100

99 56.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 37.124 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008707.D

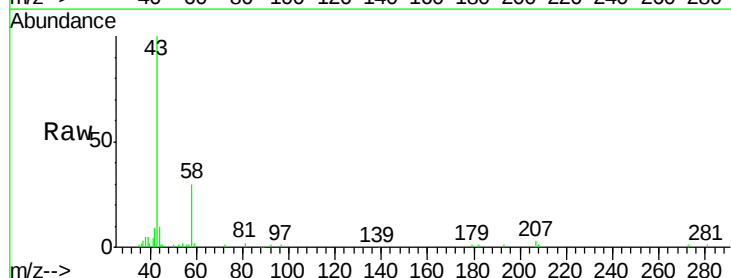
Acq: 16 Feb 2019 03:02

Tgt Ion: 43 Resp: 31626

Ion Ratio Lower Upper

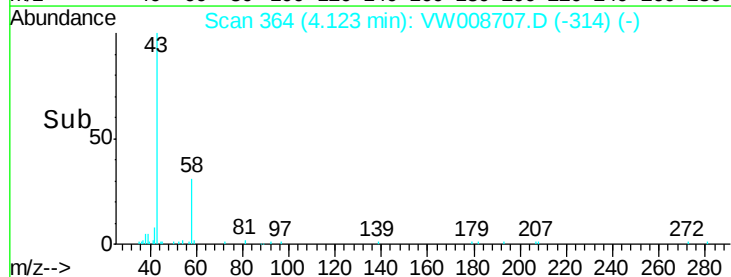
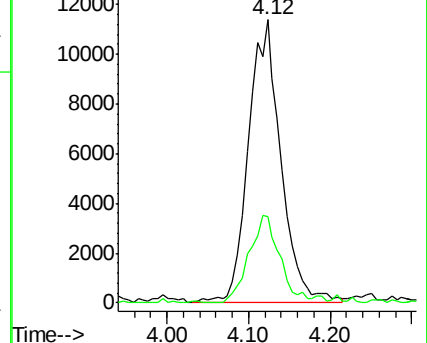
43 100

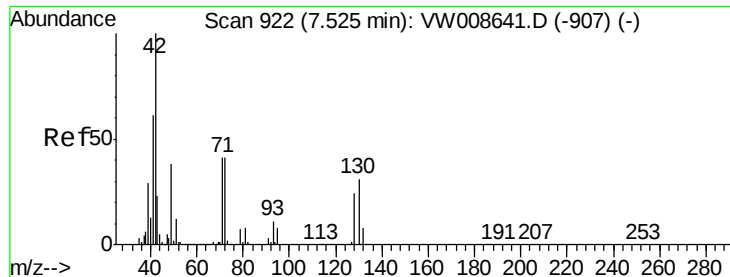
58 30.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#29

Tetrahydrofuran

Concen: 8.885 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

Instrument :

MSVOA_W

ClientSampled :

TS-13

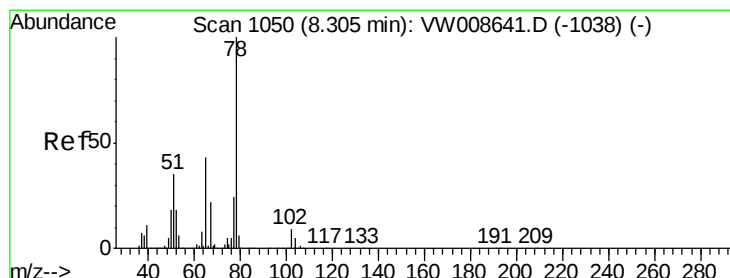
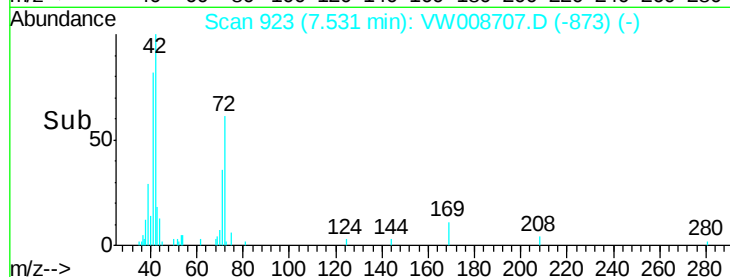
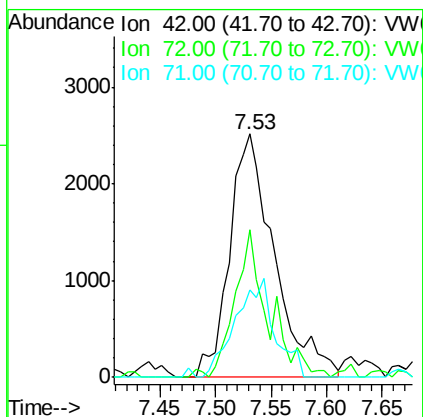
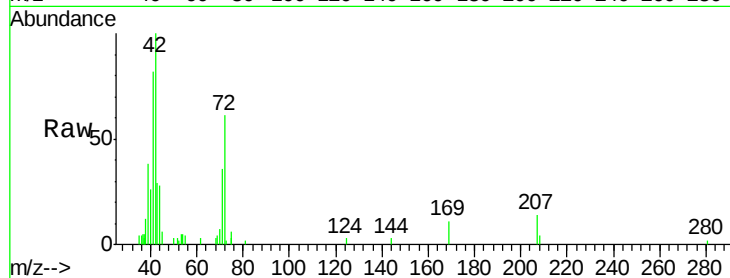
Tot Ion: 42 Resp: 7045

Ion Ratio Lower Upper

42 100

72 46.1 32.2 48.2

71 35.5 31.0 46.6



#33

1,2-Dichloroethane-d4

Concen: 52.067 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008707.D

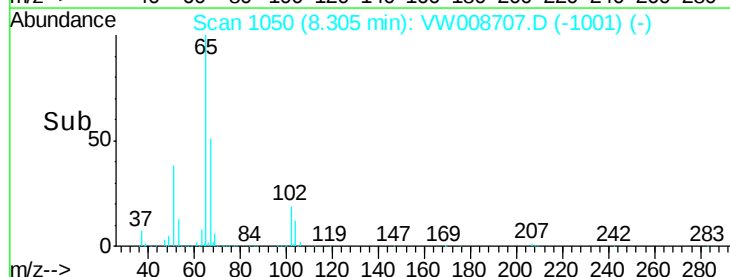
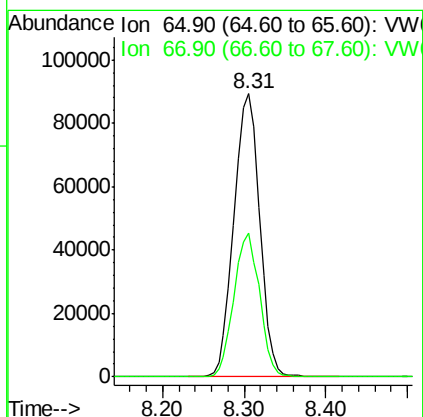
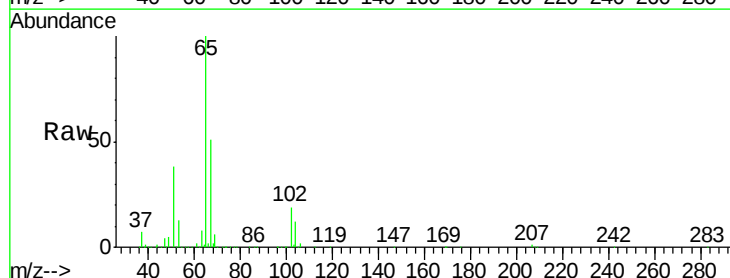
Acq: 16 Feb 2019 03:02

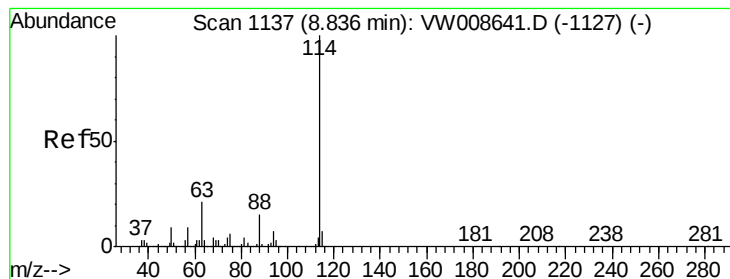
Tgt Ion: 65 Resp: 194920

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

Instrument :

MSVOA_W

ClientSampleId :

TS-13

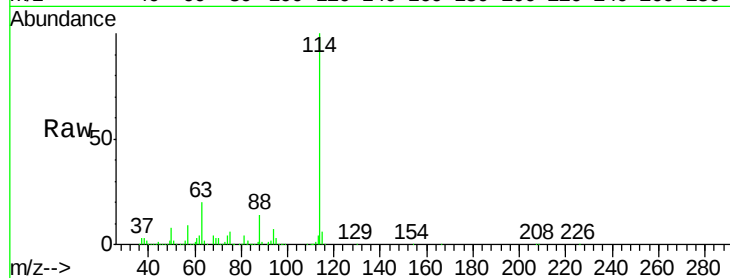
Tot Ion:114 Resp: 555472

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

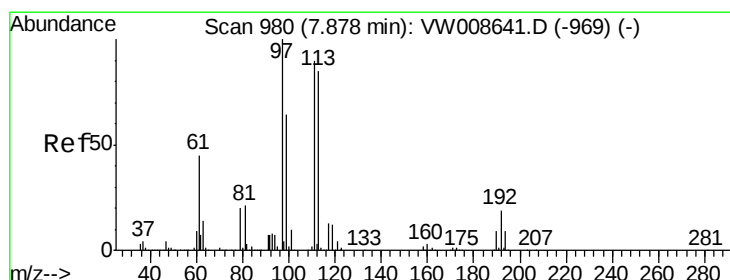
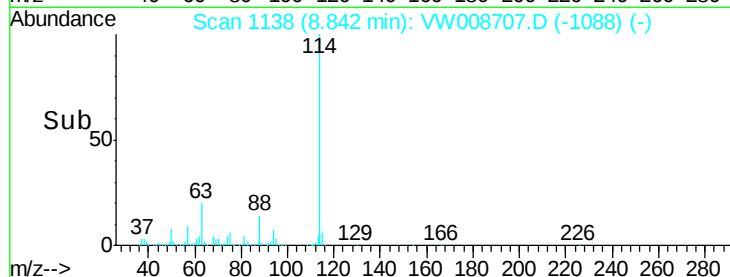
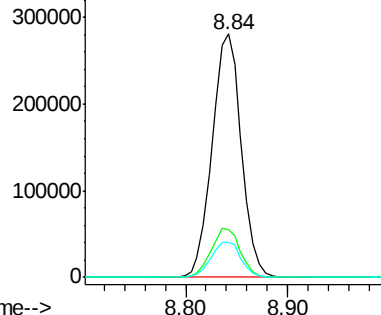
88 14.2 0.0 29.6



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: 49.405 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

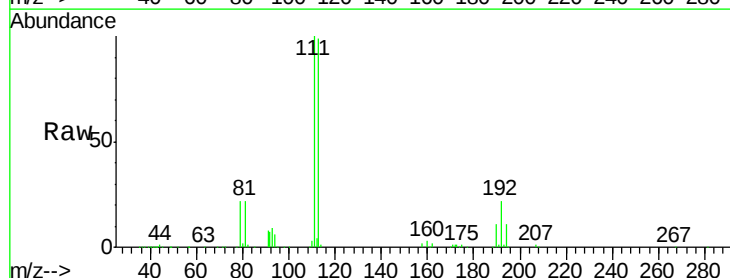
Tgt Ion:113 Resp: 170405

Ion Ratio Lower Upper

113 100

111 103.1 84.0 126.0

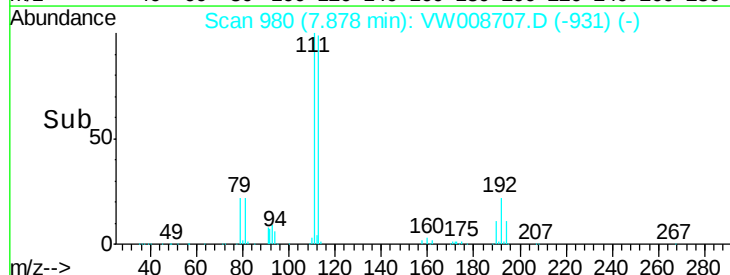
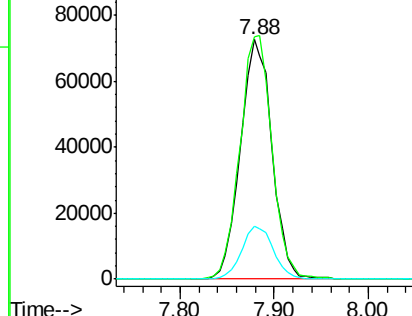
192 22.1 17.4 26.2

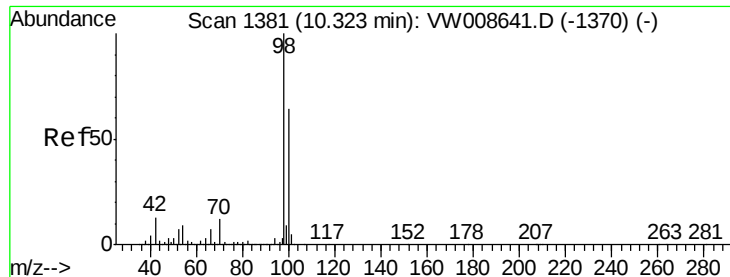


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.409 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

Instrument :

MSVOA_W

ClientSampleId :

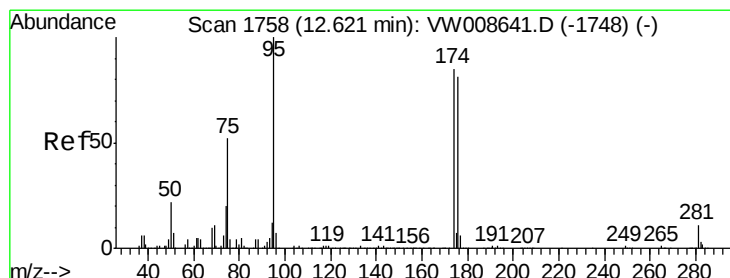
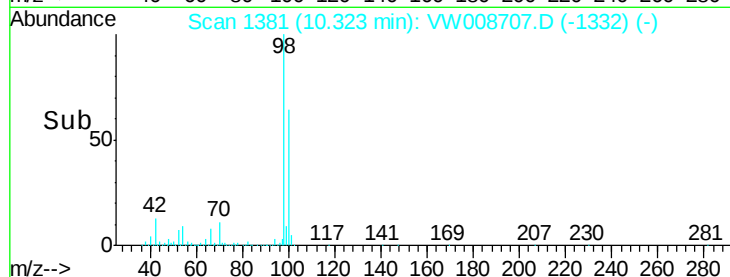
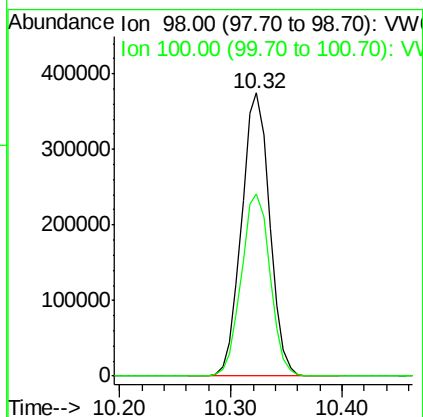
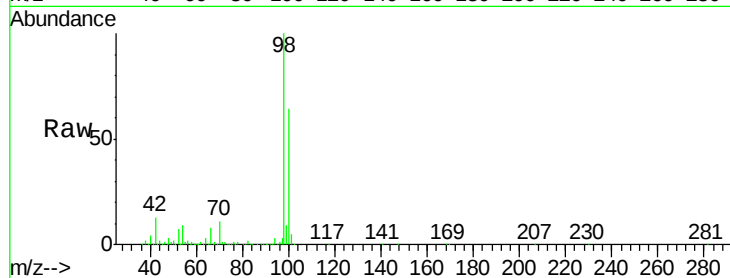
TS-13

Tot Ion: 98 Resp: 656937

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.849 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008707.D

Acq: 16 Feb 2019 03:02

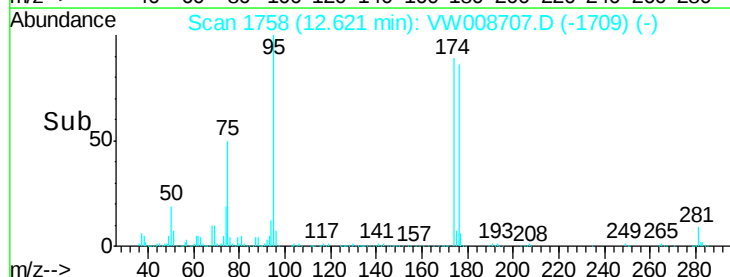
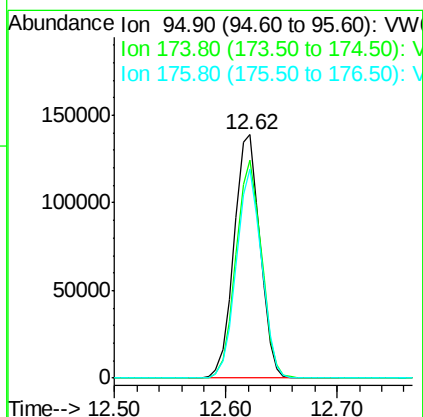
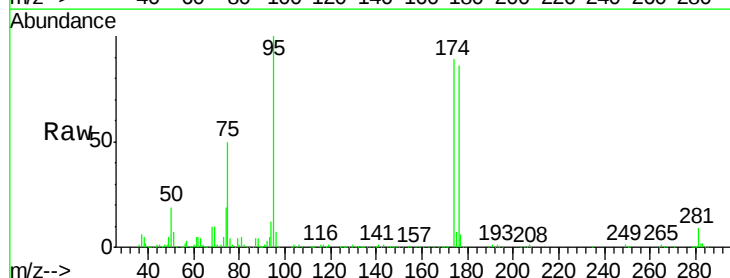
Tgt Ion: 95 Resp: 224613

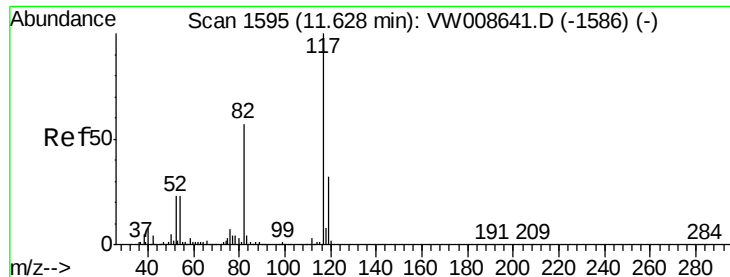
Ion Ratio Lower Upper

95 100

174 87.9 0.0 163.2

176 83.5 0.0 158.0

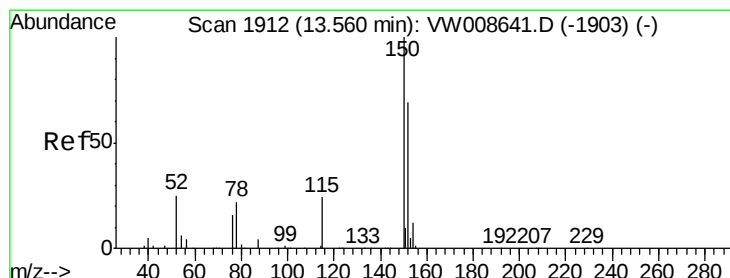
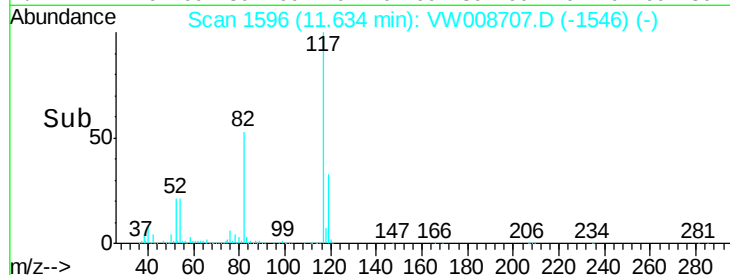
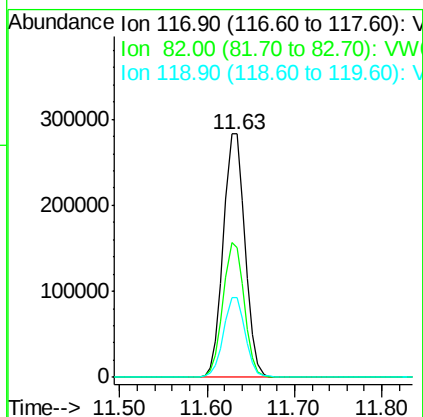
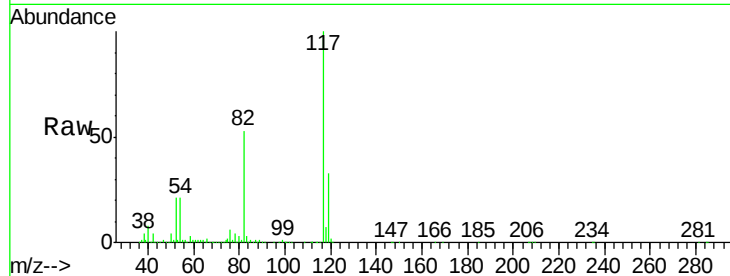




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008707.D
Acq: 16 Feb 2019 03:02

Instrument :
MSVOA_W
ClientSampleId :
TS-13

Tot Ion:117 Resp: 487594
Ion Ratio Lower Upper
117 100
82 53.2 45.6 68.4
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008707.D
Acq: 16 Feb 2019 03:02

Tgt Ion:152 Resp: 237489
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 157.7 0.0 352.8

