

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008462.D
 Acq On : 30 Jan 2019 13:38
 Operator : SY/VA
 Sample : K1282-01
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Jan 31 04:02:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

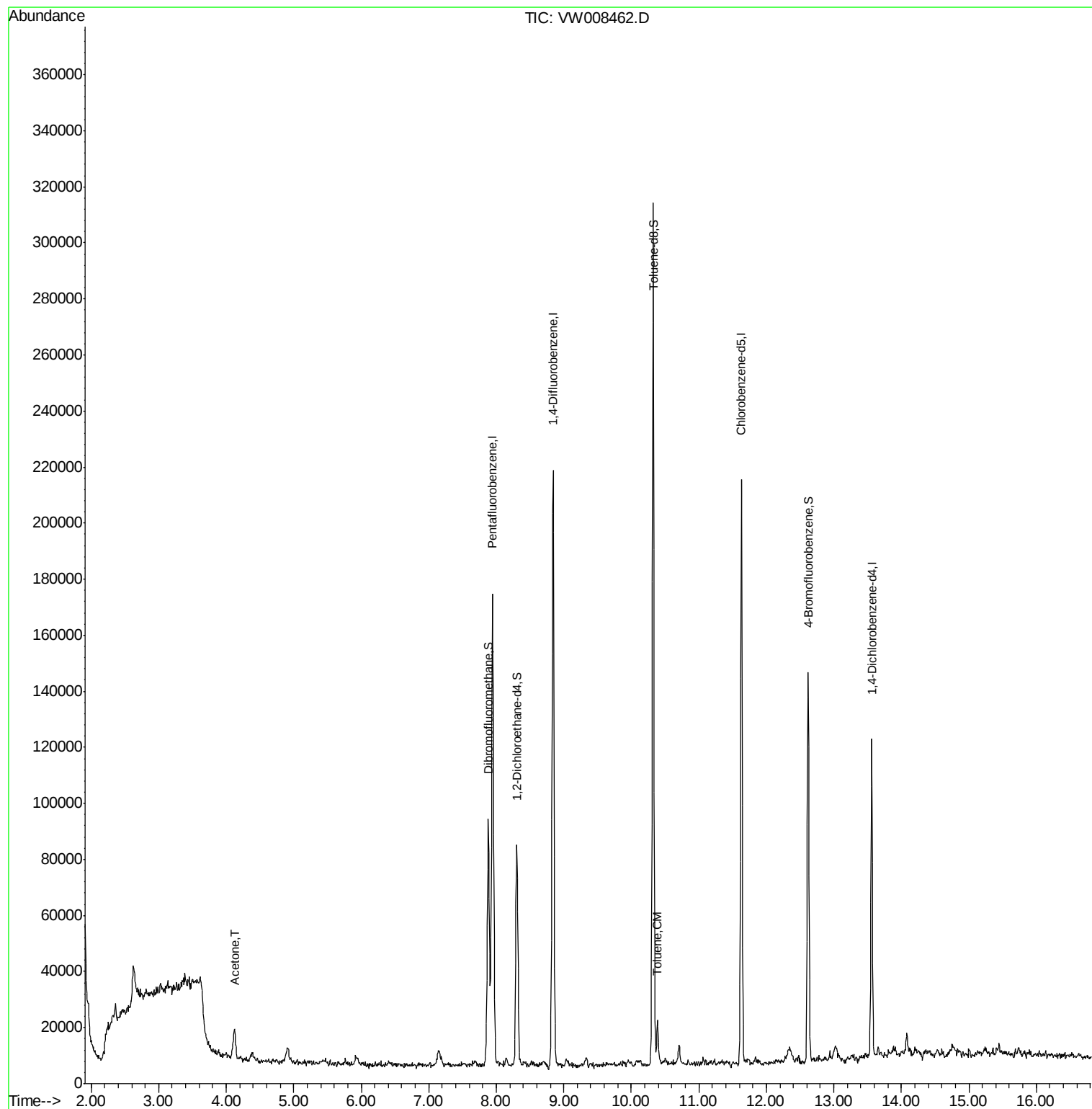
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	182416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	30485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58435	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	59741	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
50) Toluene-d8	10.32	98	200814	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	12.62	95	44544	27.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.18%	
Target Compounds						
16) Acetone	4.12	43	19546	67.201	ug/l #	88
52) Toluene	10.39	92	6666	2.112	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# 991

Delta R.T. 0.00 min

Lab File: VW008462.D

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MSVOA_W

ClientSampleId :

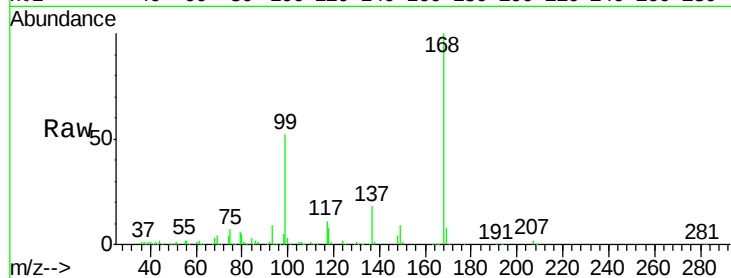
TP-1

Tot Ion:168 Resp: 131840

Ion Ratio Lower Upper

168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

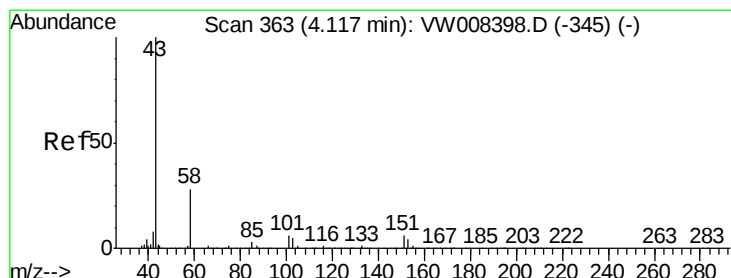
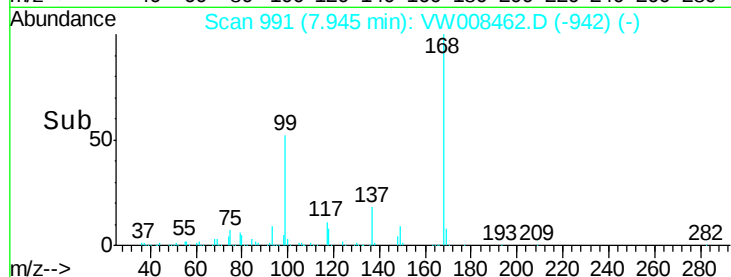
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 67.201 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008462.D

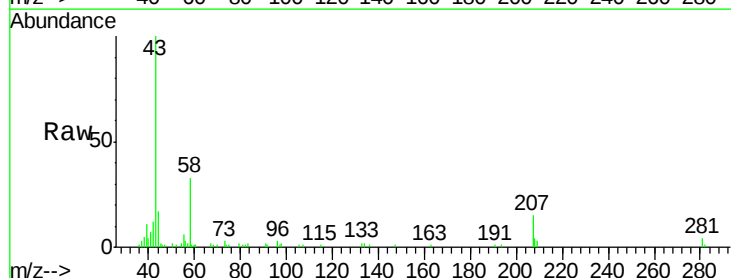
Acq: 30 Jan 2019 13:38

Tgt Ion: 43 Resp: 19546

Ion Ratio Lower Upper

43 100

58 34.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

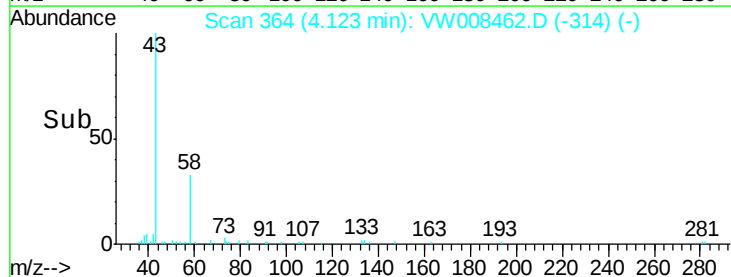
4000

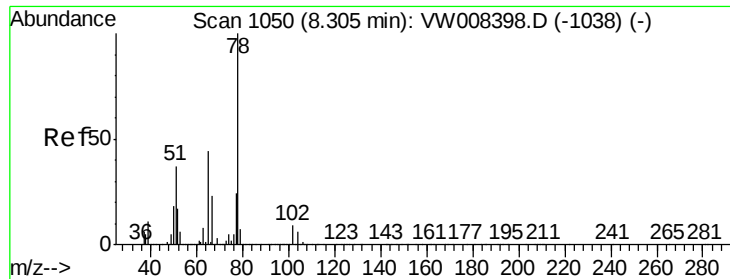
2000

0

4.00 4.05 4.10 4.15 4.20

Time-->

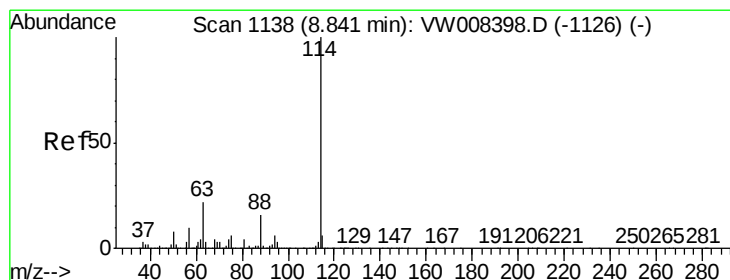
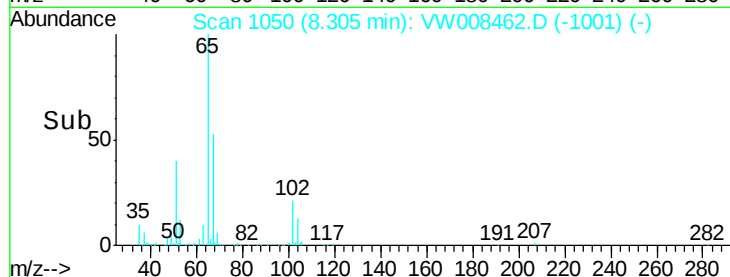
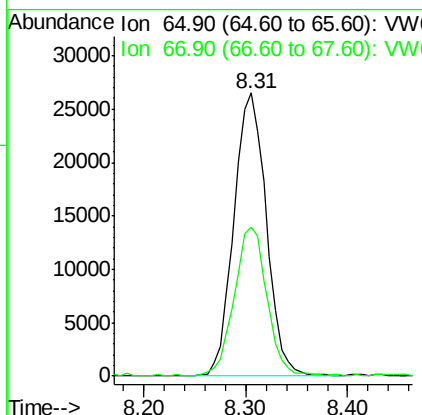
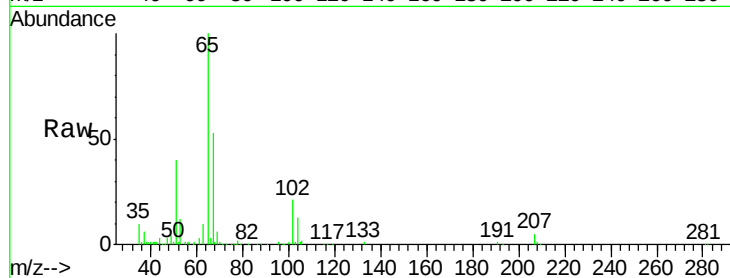




#33
 1,2-Dichloroethane-d4
 Concen: 45.116 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008462.D
 Acq: 30 Jan 2019 13:38

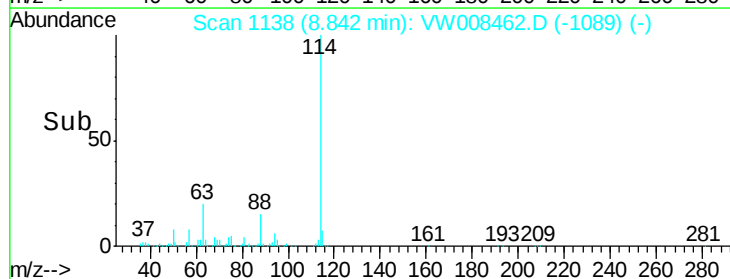
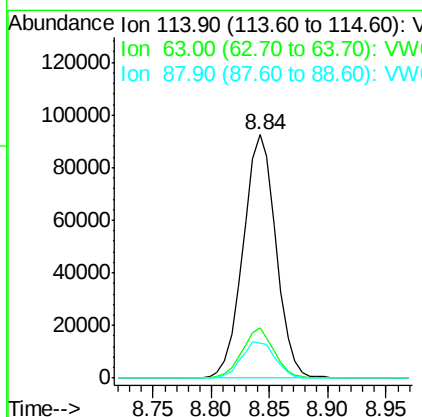
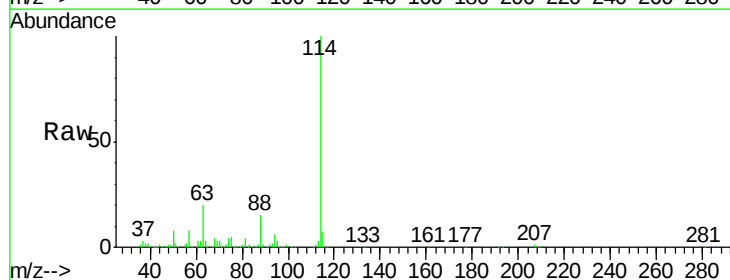
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

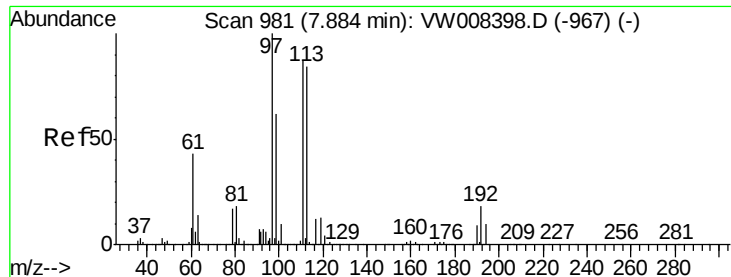
Tot Ion: 65 Resp: 58435
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008462.D
 Acq: 30 Jan 2019 13:38

Tgt Ion: 114 Resp: 182416
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.6
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.008 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008462.D

Acq: 30 Jan 2019 13:38

Instrument :
MSVOA_W
ClientSampleId :
TP-1

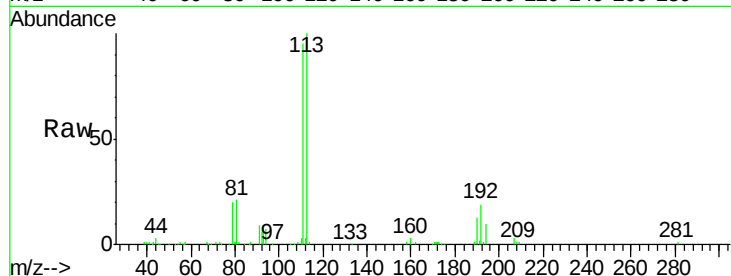
Tot Ion:113 Resp: 59741

Ion Ratio Lower Upper

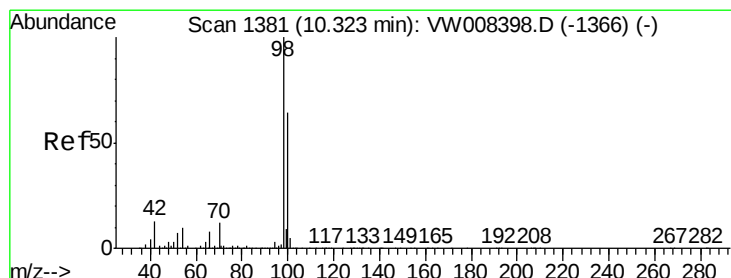
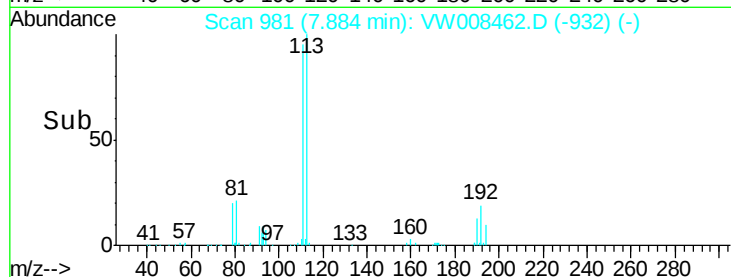
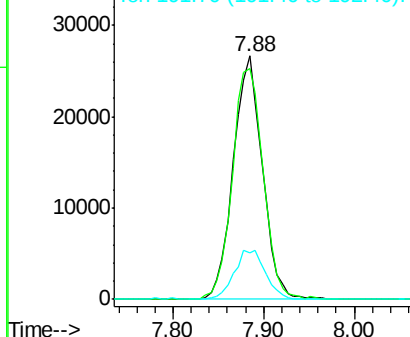
113 100

111 100.3 81.0 121.4

192 21.5 16.8 25.2



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: 46.949 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008462.D

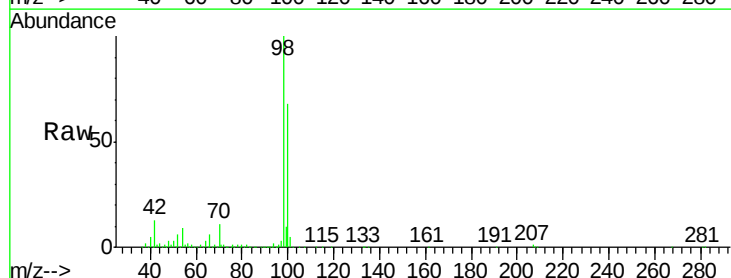
Acq: 30 Jan 2019 13:38

Tgt Ion: 98 Resp: 200814

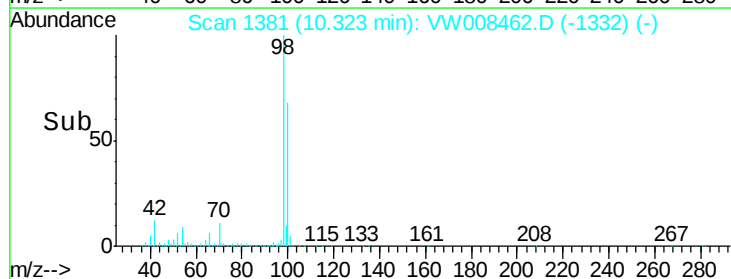
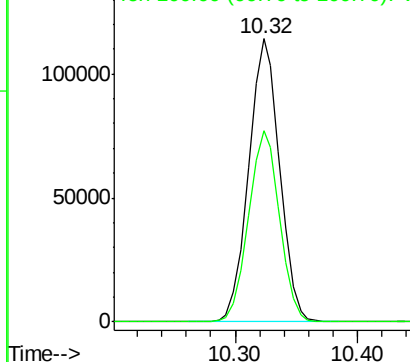
Ion Ratio Lower Upper

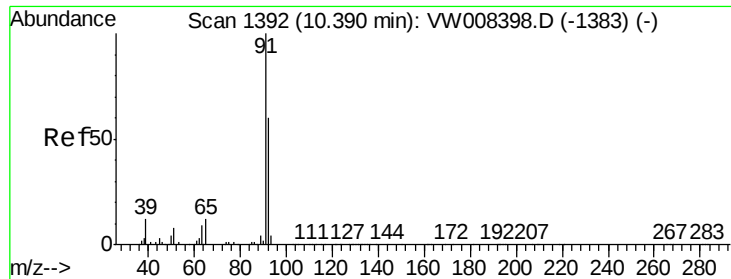
98 100

100 67.7 52.6 78.8



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





#52

Toluene

Concen: 2.112 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008462.D

Acq: 30 Jan 2019 13:38

Instrument :

MSVOA_W

ClientSampleId :

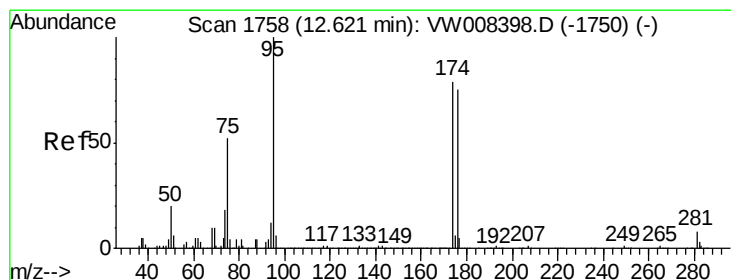
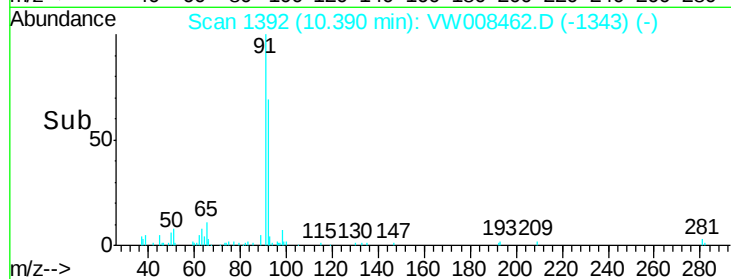
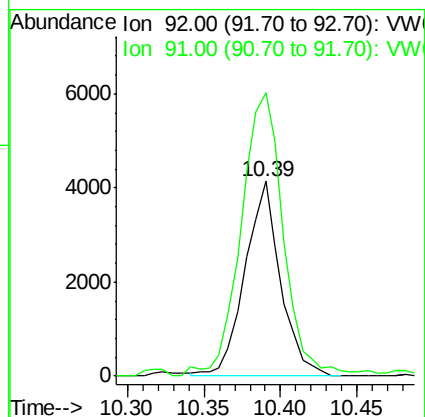
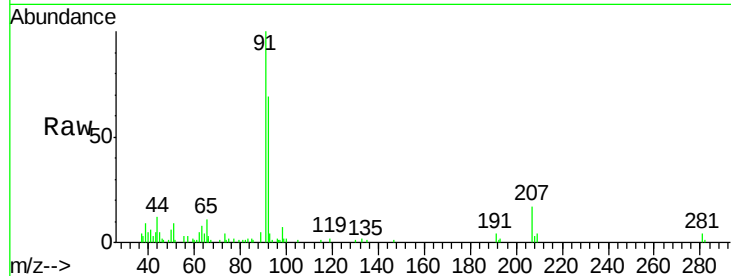
TP-1

Tot Ion: 92 Resp: 6666

Ion Ratio Lower Upper

92 100

91 173.3 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 27.093 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008462.D

Acq: 30 Jan 2019 13:38

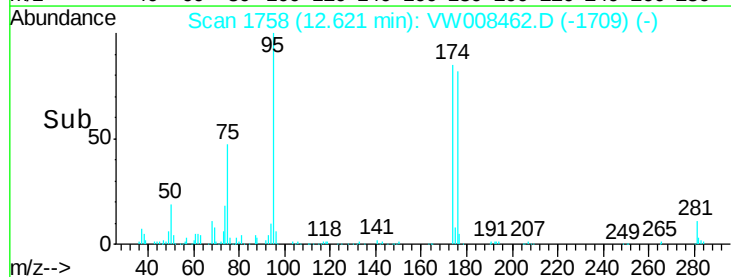
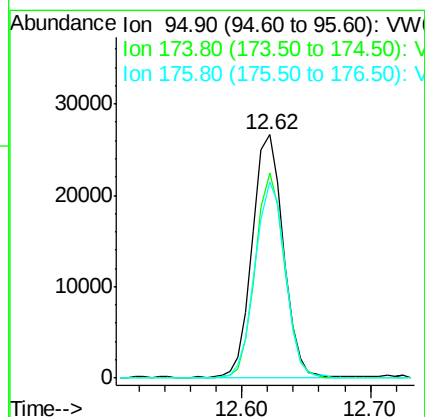
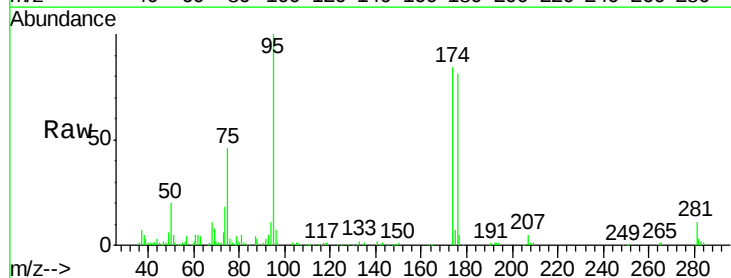
Tgt Ion: 95 Resp: 44544

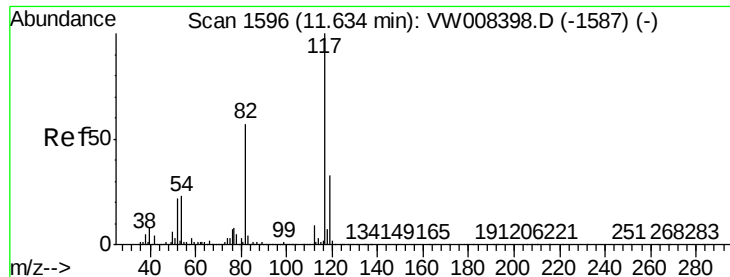
Ion Ratio Lower Upper

95 100

174 79.1 0.0 157.6

176 78.6 0.0 151.8

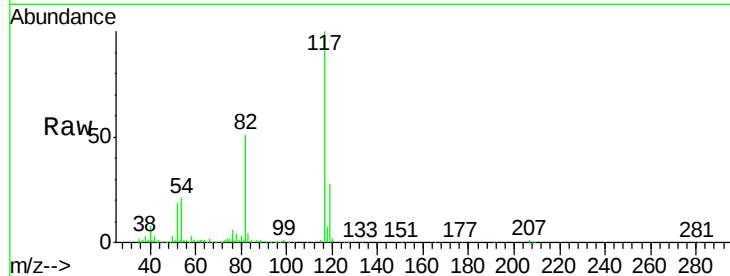




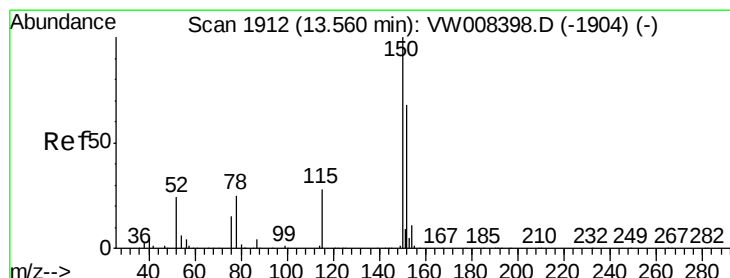
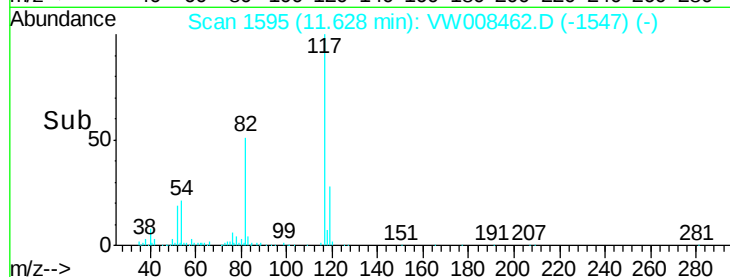
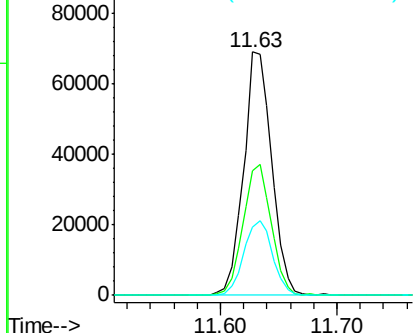
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008462.D
Acq: 30 Jan 2019 13:38

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tot Ion:117 Resp: 116847
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.0
119 28.0 26.2 39.4

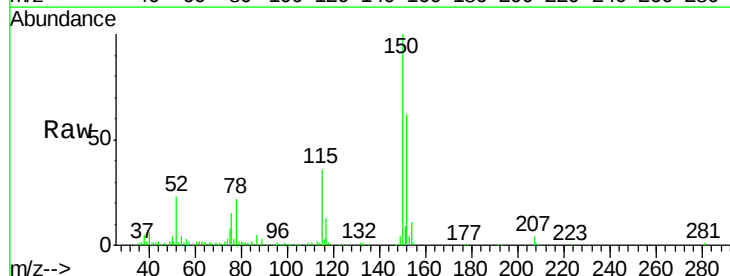


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008462.D
Acq: 30 Jan 2019 13:38

Tgt Ion:152 Resp: 30485
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 157.7 0.0 351.4



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

