

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005455.D
 Acq On : 18 Sep 2018 02:54
 Operator : SY/AP
 Sample : J4947-01
 Misc : 3.70G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 97-20

Quant Time: Sep 18 06:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

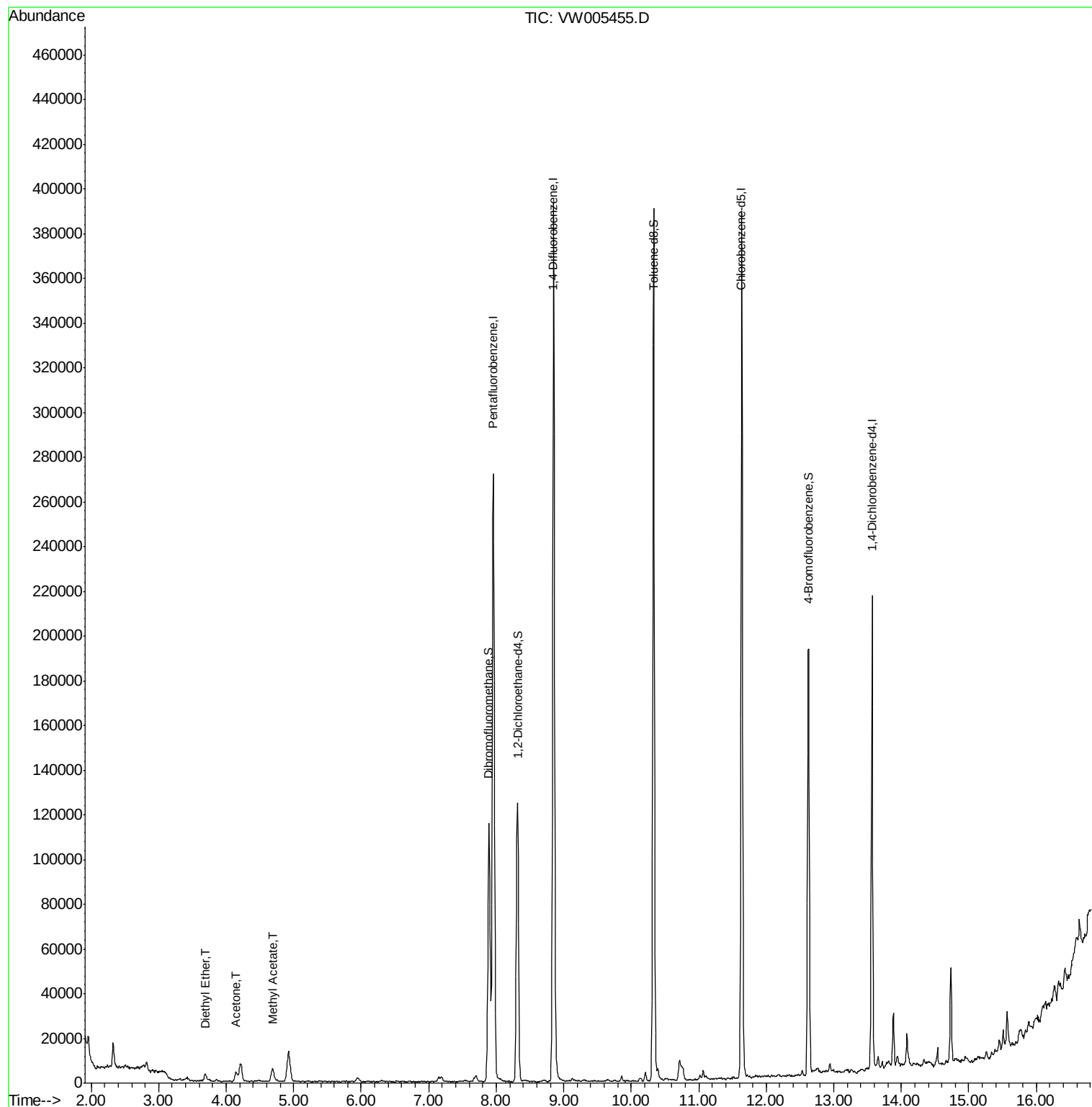
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	198659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	217824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103930	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.90	113	82689	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	10.33	98	259308	31.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.04%	
62) 4-Bromofluorobenzene	12.62	95	61395	20.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.70%	
Target Compounds						
8) Diethyl Ether	3.69	74	1651	1.91	ug/l	Qvalue 82
16) Acetone	4.15	43	8206	10.40	ug/l	96
18) Methyl Acetate	4.69	43	12245	12.36	ug/l	97

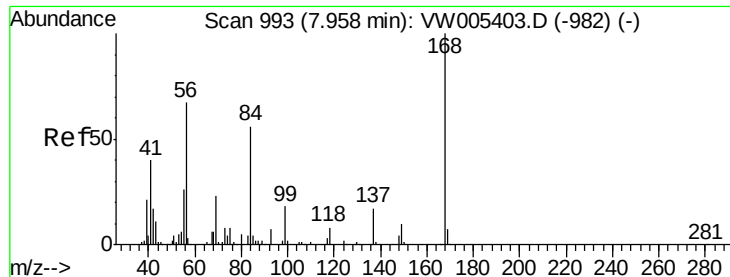
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

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ClientSampleId :

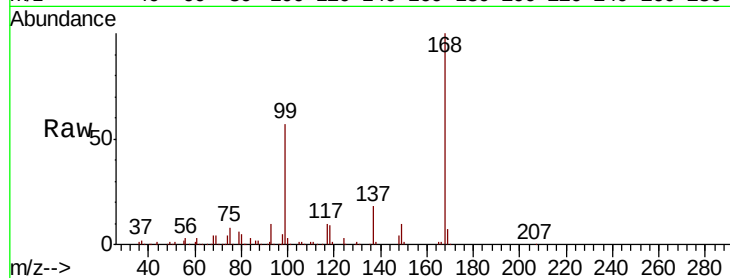
97-20

Tot Ion:168 Resp: 198659

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

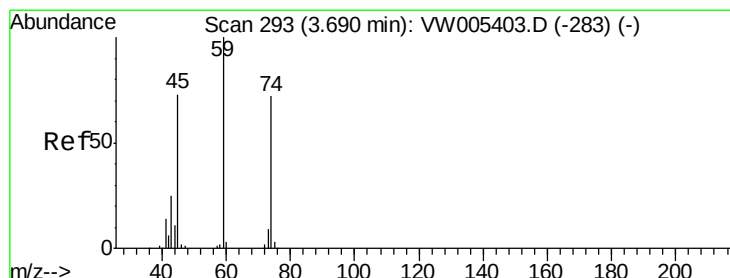
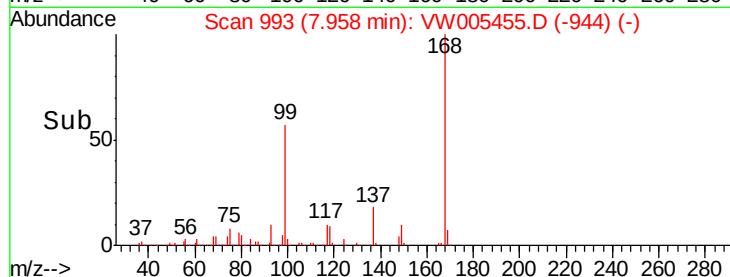
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.91 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005455.D

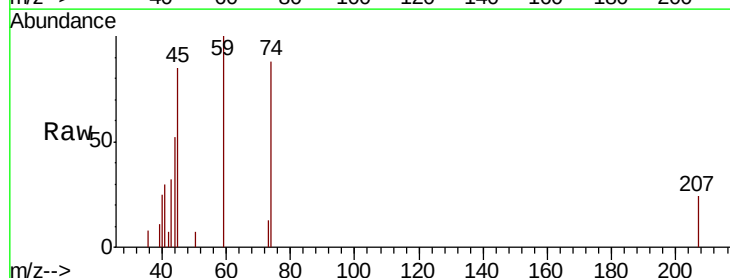
Acq: 18 Sep 2018 02:54

Tgt Ion: 74 Resp: 1651

Ion Ratio Lower Upper

74 100

45 125.0 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

800

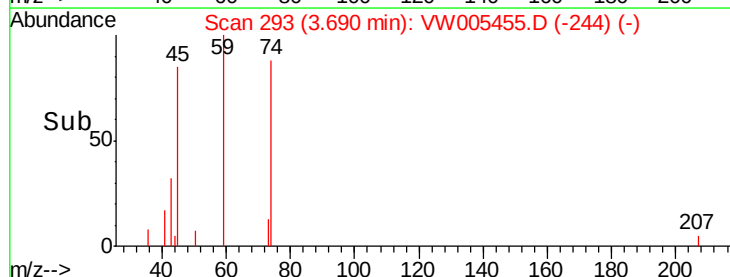
600

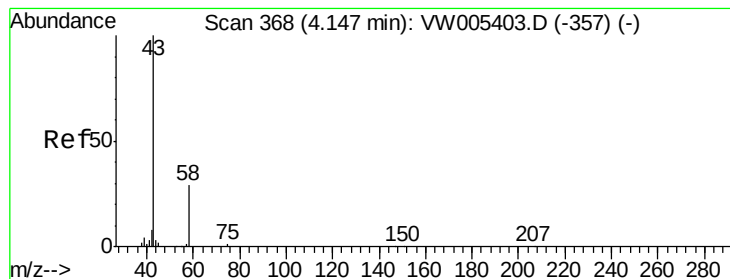
400

200

0

Time-->





#16

Acetone

Concen: 10.40 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

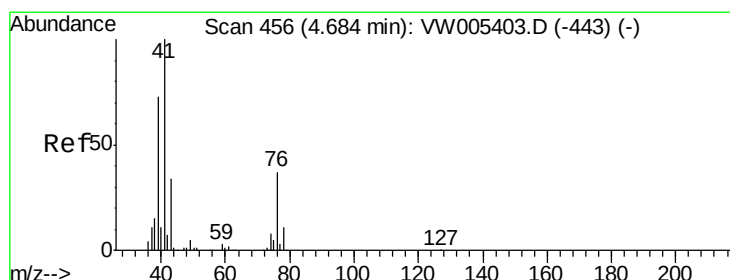
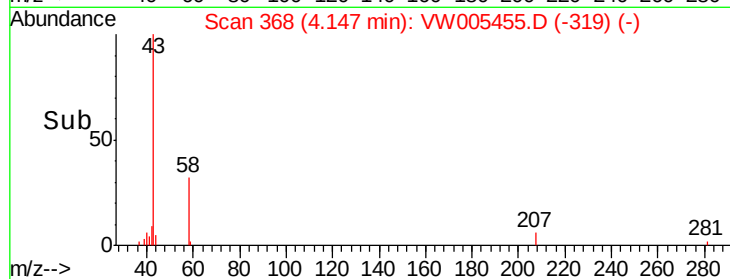
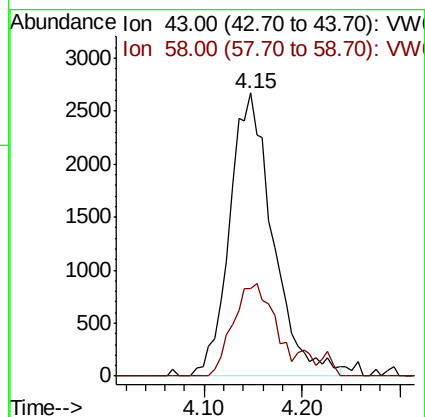
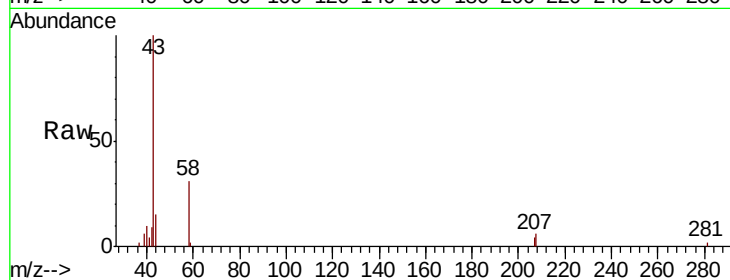
97-20

Tot Ion: 43 Resp: 8206

Ion Ratio Lower Upper

43 100

58 30.8 22.8 34.2



#18

Methyl Acetate

Concen: 12.36 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005455.D

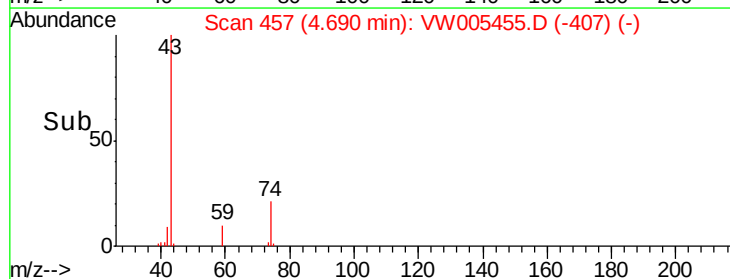
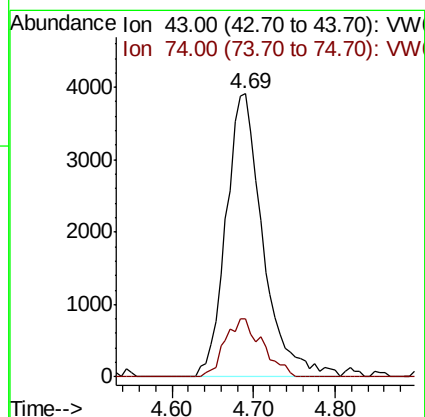
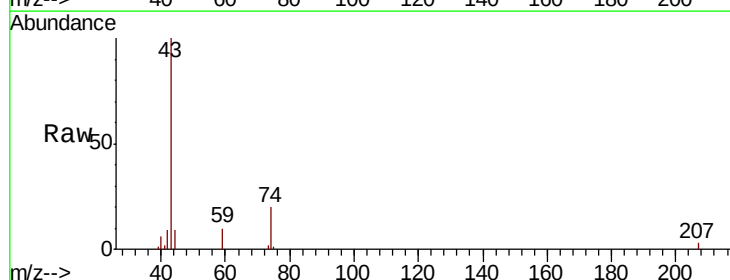
Acq: 18 Sep 2018 02:54

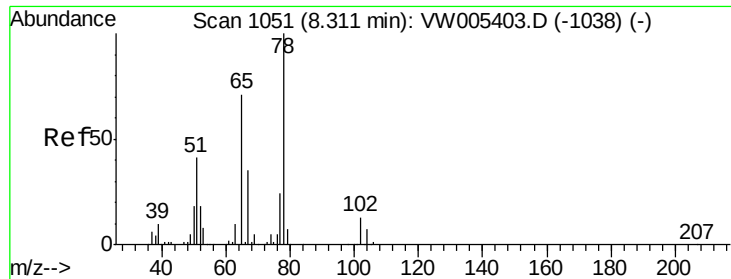
Tgt Ion: 43 Resp: 12245

Ion Ratio Lower Upper

43 100

74 20.8 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 50.40 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

Instrument :

MSVOA_W

ClientSampled :

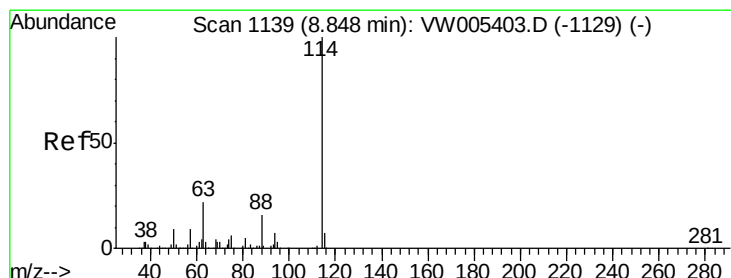
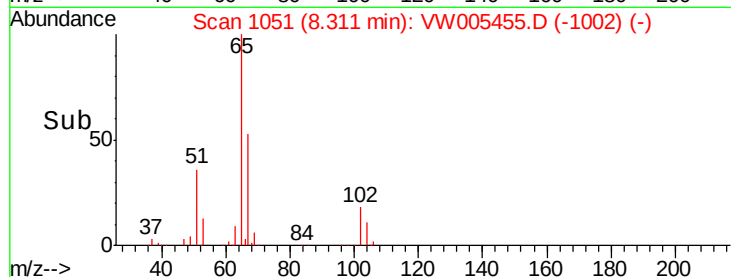
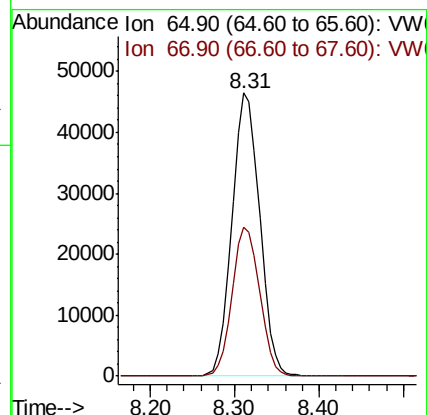
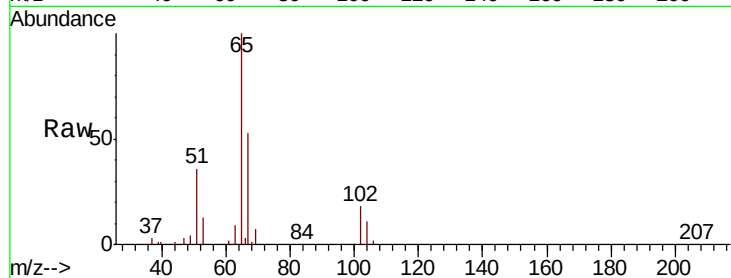
97-20

Tot Ion: 65 Resp: 103930

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

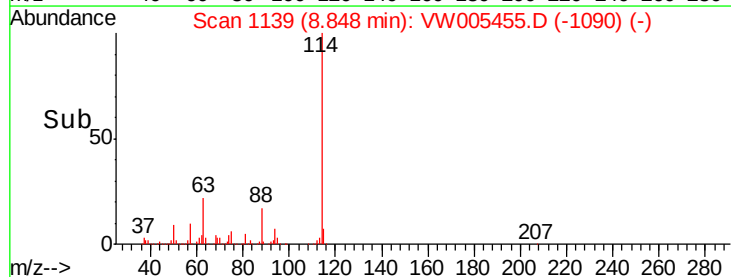
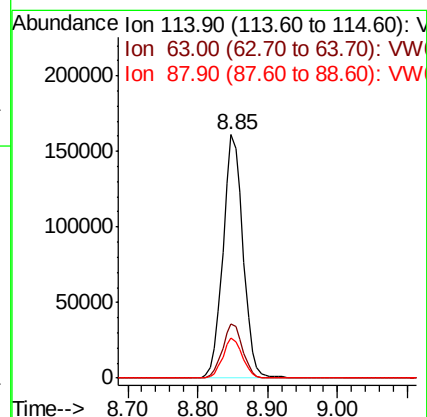
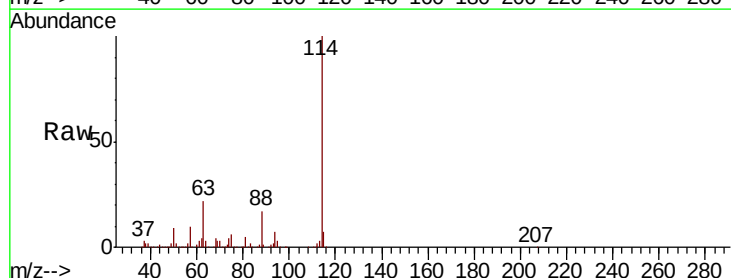
Tgt Ion: 114 Resp: 320441

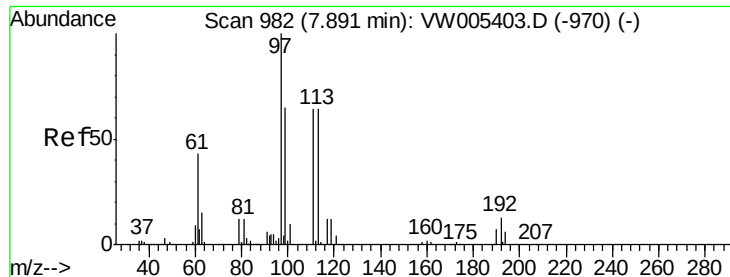
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.02 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

97-20

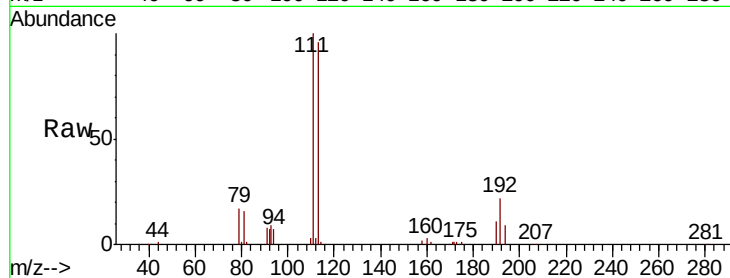
Tot Ion:113 Resp: 82689

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

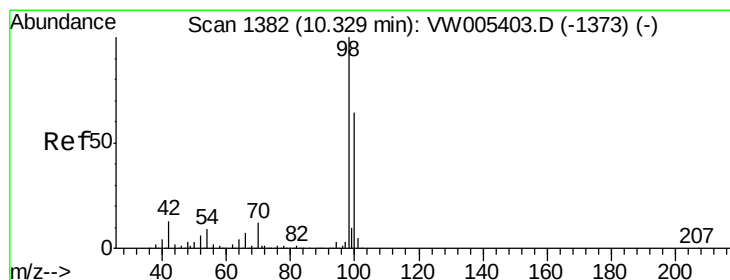
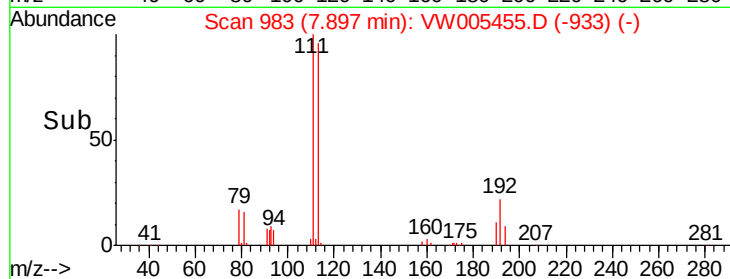
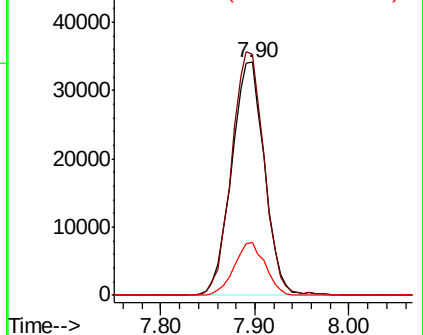
192 21.3 16.5 24.7



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: 31.52 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005455.D

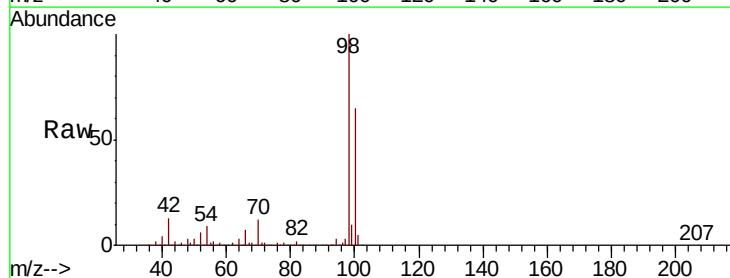
Acq: 18 Sep 2018 02:54

Tgt Ion: 98 Resp: 259308

Ion Ratio Lower Upper

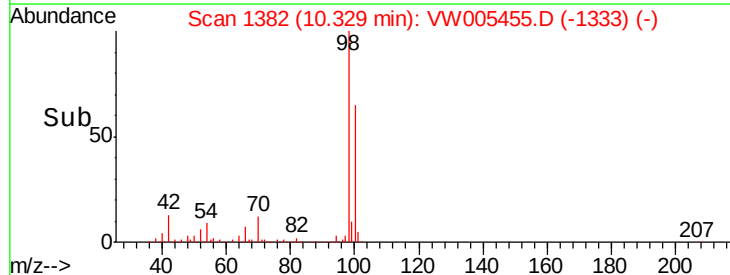
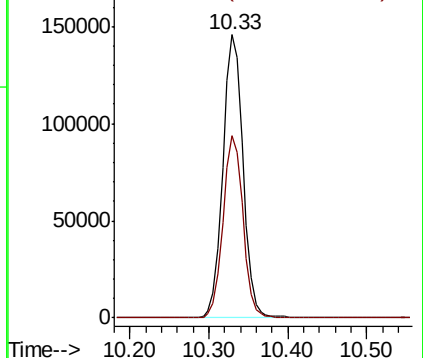
98 100

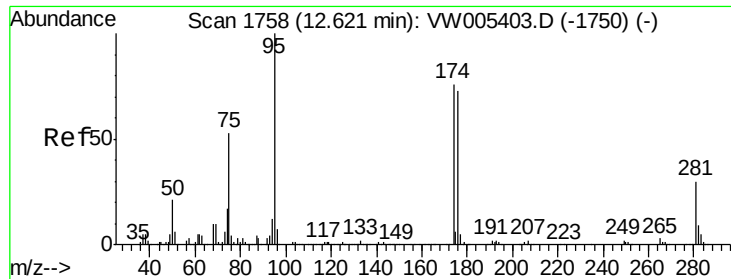
100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

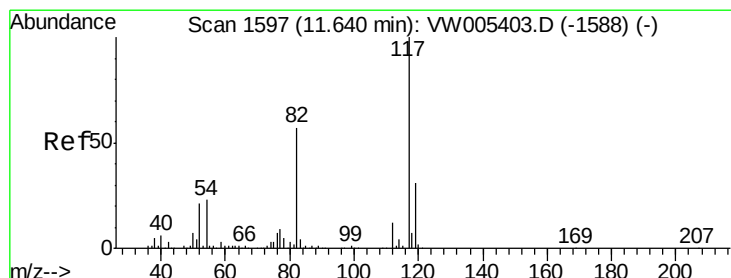
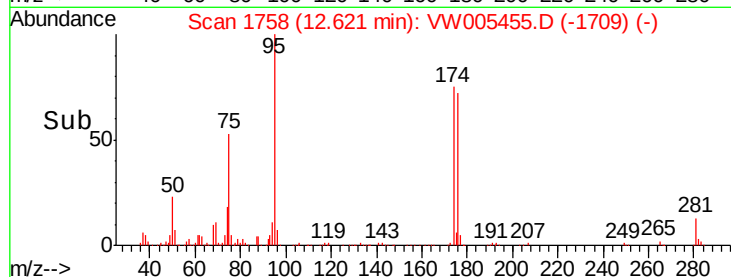
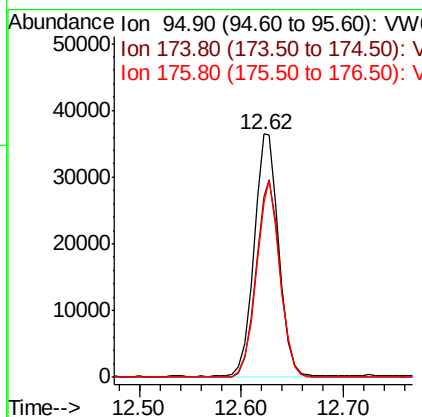
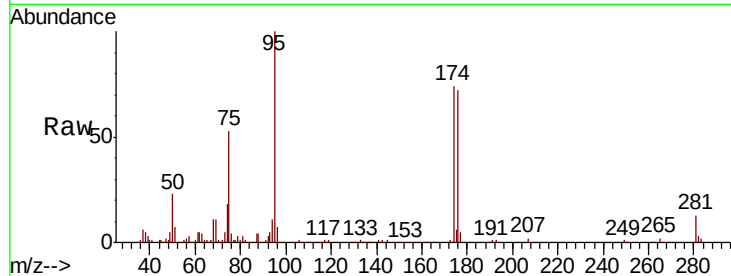




#62
4-Bromofluorobenzene
Concen: 20.35 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005455.D
Acq: 18 Sep 2018 02:54

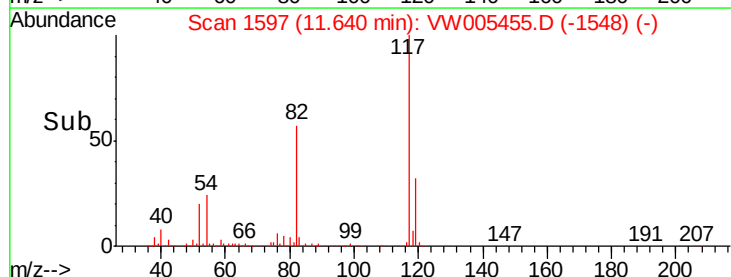
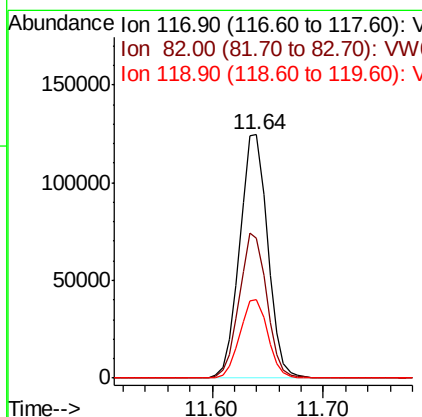
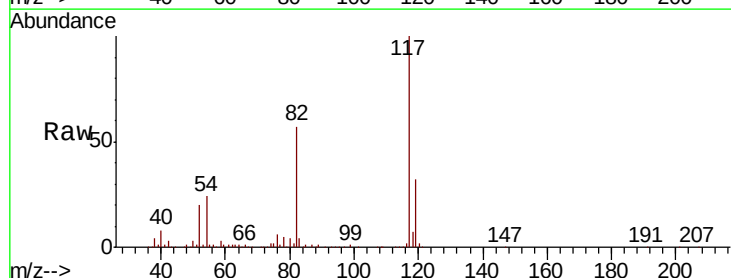
Instrument :
MSVOA_W
ClientSampleId :
97-20

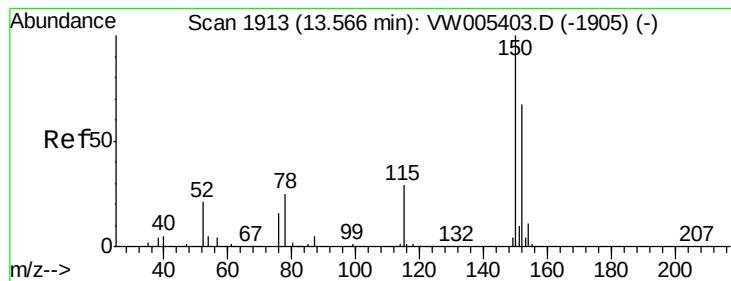
Tot Ion: 95 Resp: 61395
Ion Ratio Lower Upper
95 100
174 78.9 0.0 161.2
176 76.8 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005455.D
Acq: 18 Sep 2018 02:54

Tgt Ion: 117 Resp: 217824
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005455.D

Acq: 18 Sep 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

97-20

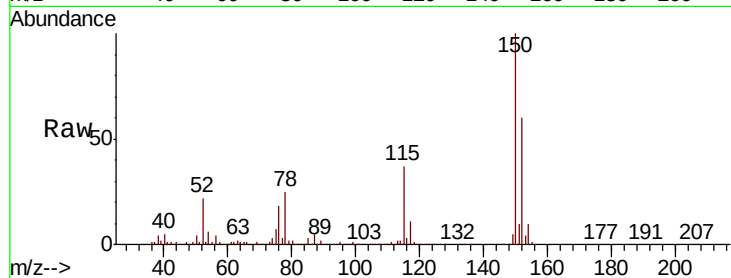
Tot Ion:152 Resp: 53389

Ion Ratio Lower Upper

152 100

115 59.7 29.5 88.5

150 156.6 0.0 345.6



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

