

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007558.D
 Acq On : 15 Dec 2018 03:13
 Operator : SY/AP
 Sample : J6391-17
 Misc : 3.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS018-0612-01

Quant Time: Dec 15 04:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 15 03:35:28 2018
 Response via : Initial Calibration

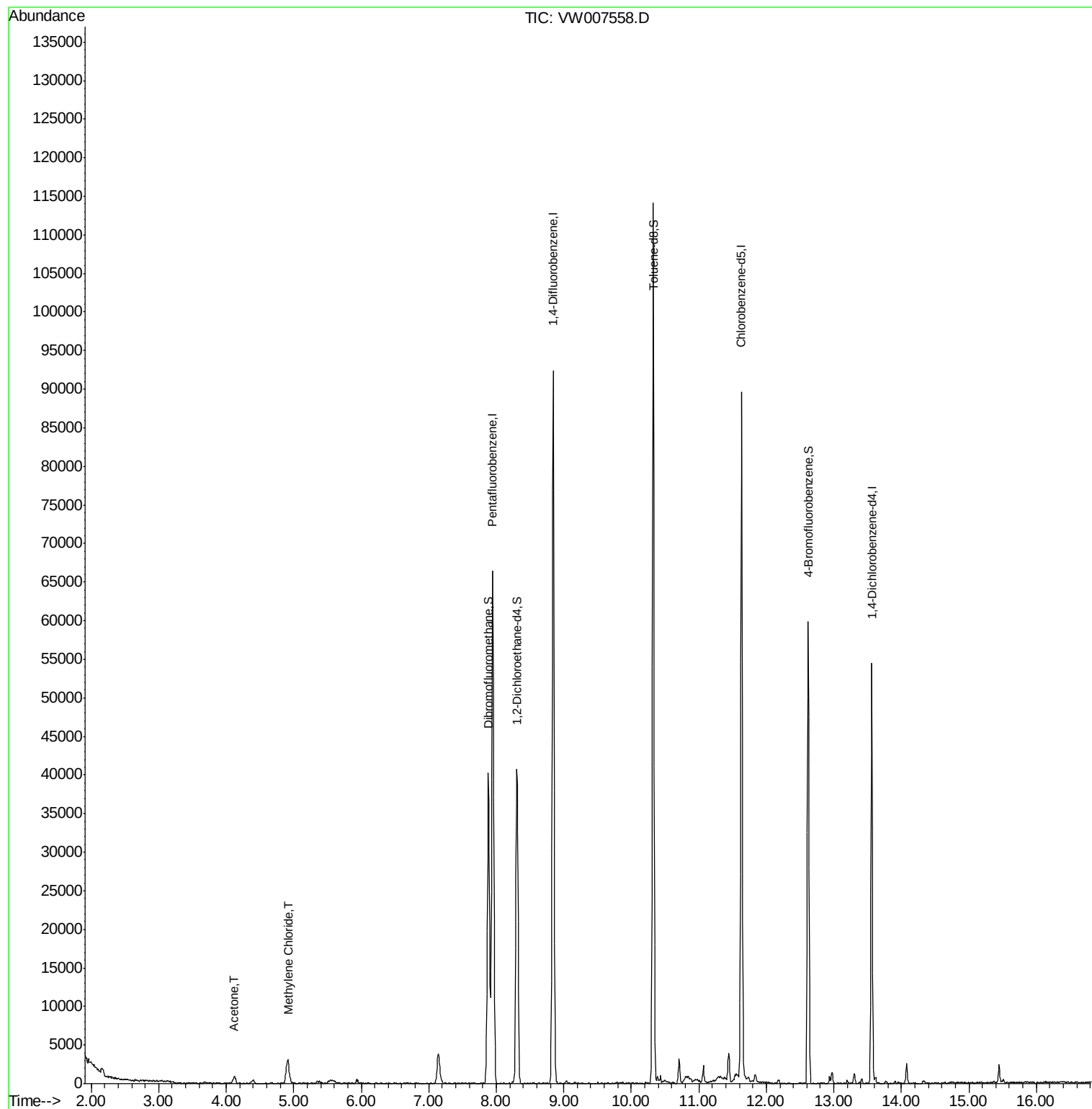
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	48610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	35142	65.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.32%	
35) Dibromofluoromethane	7.88	113	28431	60.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.64%	
50) Toluene-d8	10.32	98	77081	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
62) 4-Bromofluorobenzene	12.62	95	18384	28.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.06%	
Target Compounds						
16) Acetone	4.12	43	1855	19.693	ug/l	97
20) Methylene Chloride	4.92	84	2732	1.504	ug/l	93

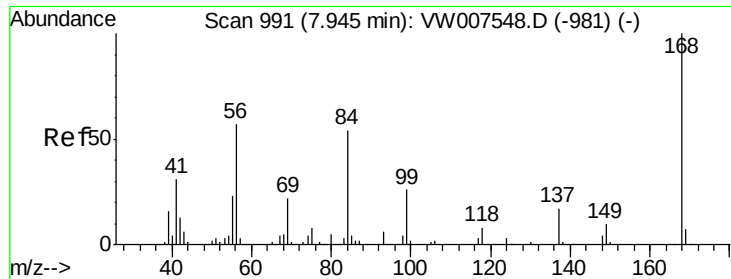
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

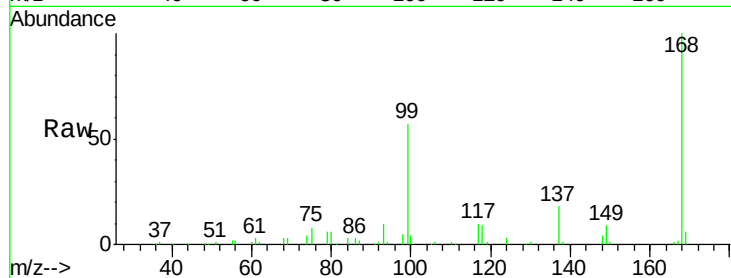
P001-SS018-0612-01

Tgt Ion:168 Resp: 48610

Ion Ratio Lower Upper

168 100

99 57.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

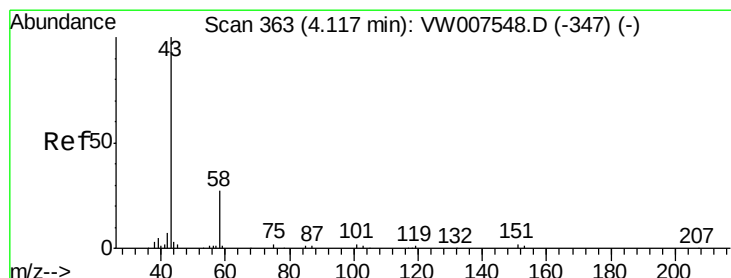
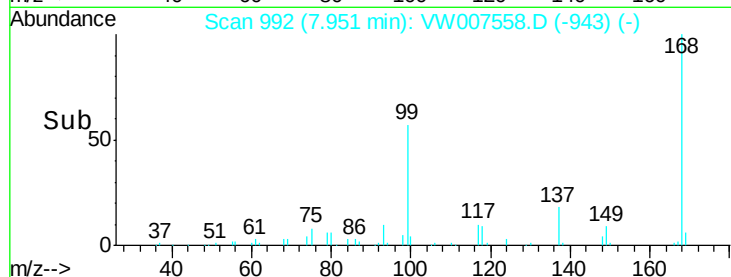
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 19.693 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007558.D

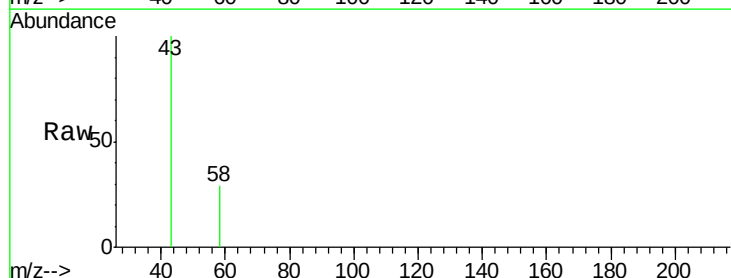
Acq: 15 Dec 2018 03:13

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

600

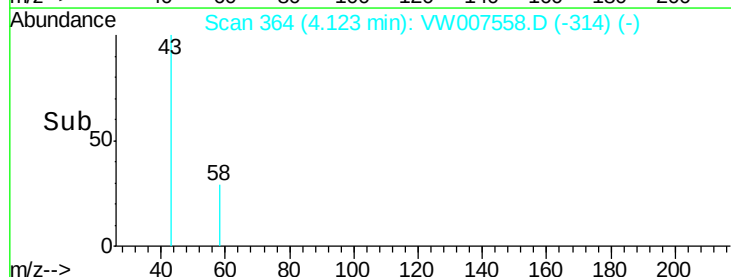
400

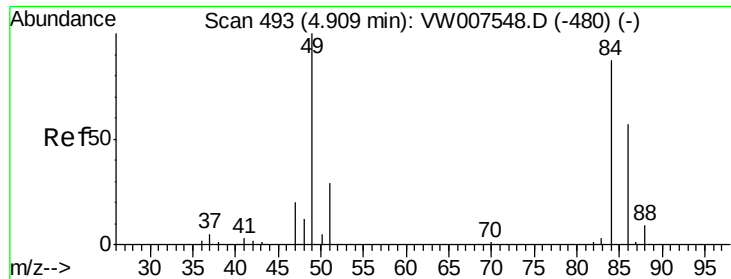
200

0

Time-->

4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 1.504 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

P001-SS018-0612-01

Tgt Ion: 84 Resp: 2732

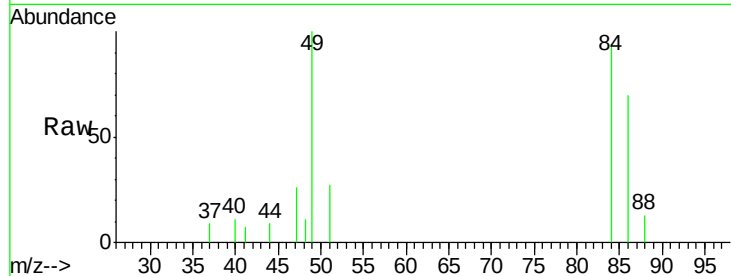
Ion Ratio Lower Upper

84 100

49 106.9 87.1 130.7

51 29.0 28.2 42.2

86 75.0 50.8 76.2

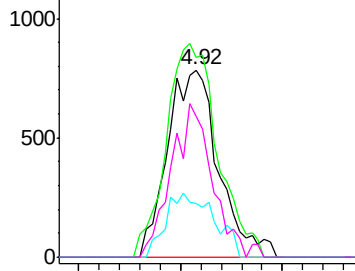


Abundance Ion 83.90 (83.60 to 84.60): VW

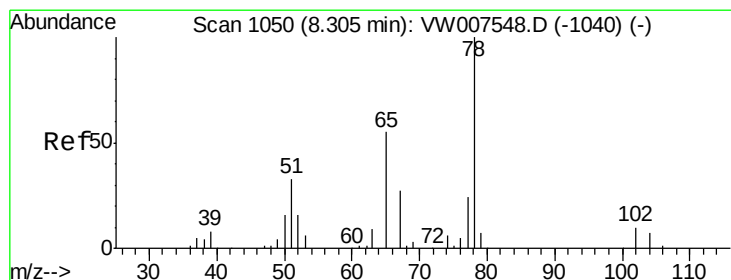
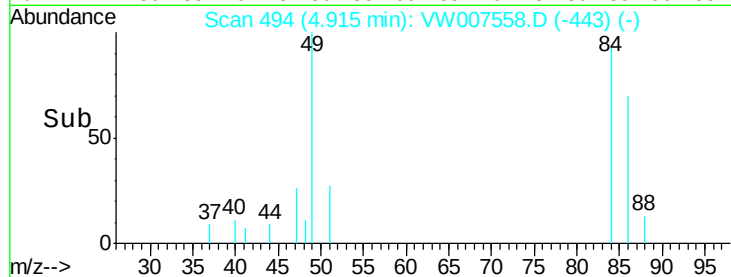
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time--> 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 65.164 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007558.D

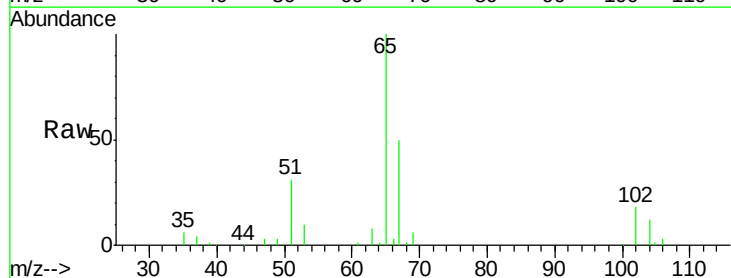
Acq: 15 Dec 2018 03:13

Tgt Ion: 65 Resp: 35142

Ion Ratio Lower Upper

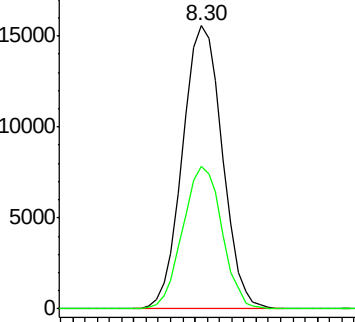
65 100

67 49.7 0.0 101.6

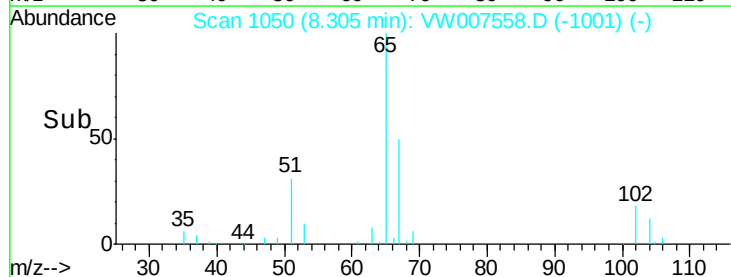


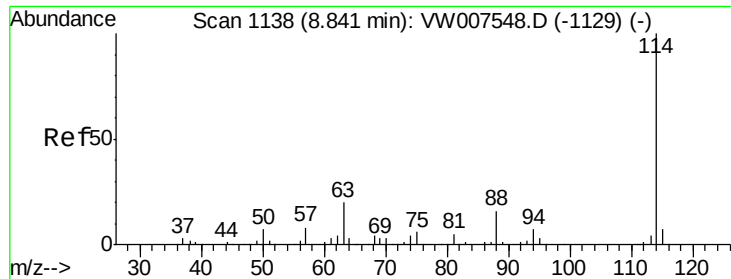
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time--> 8.20 8.25 8.30 8.35 8.40

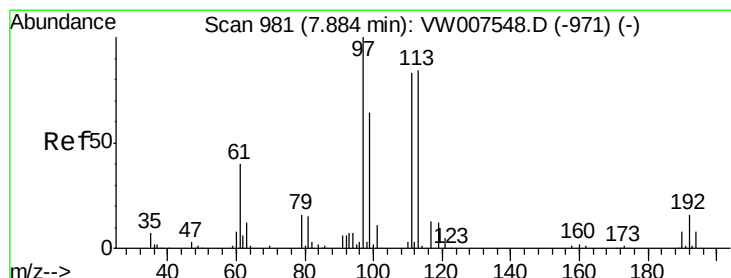
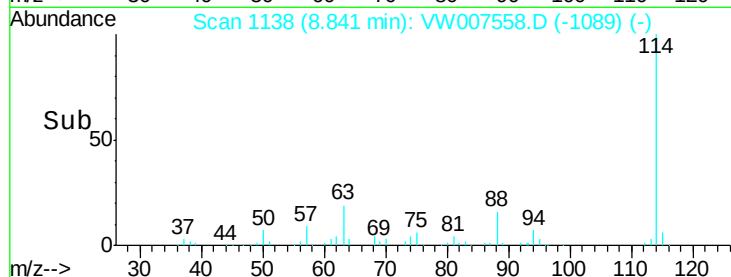
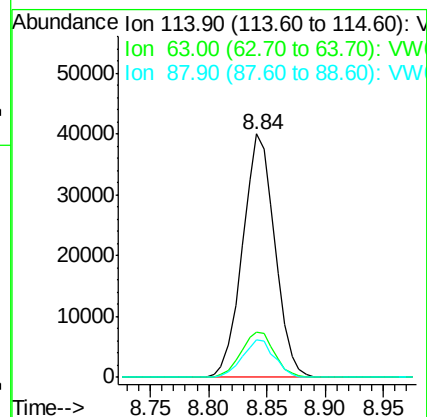
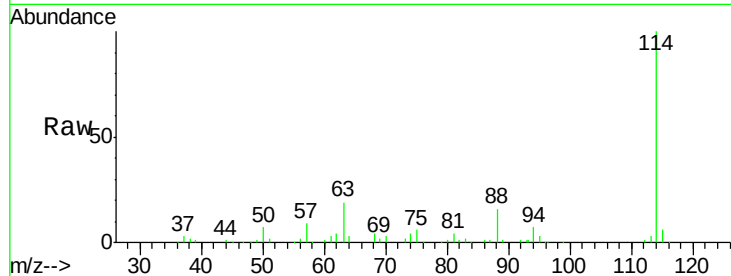




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

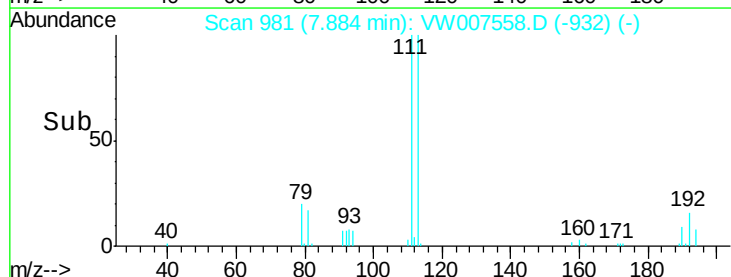
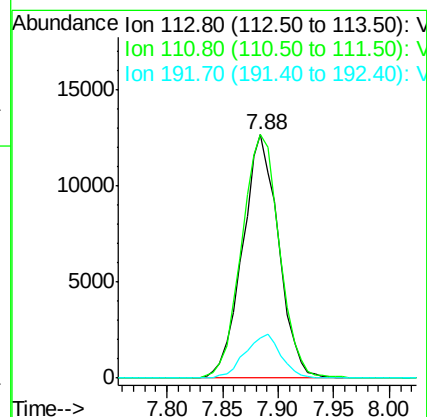
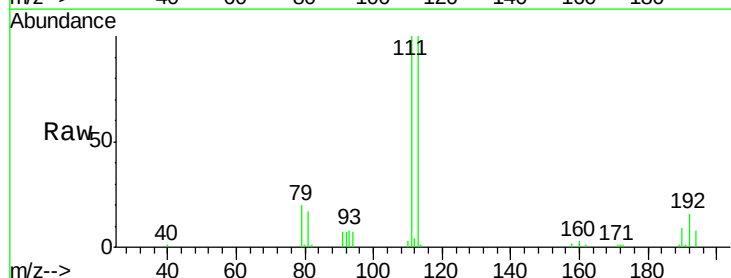
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS018-0612-01

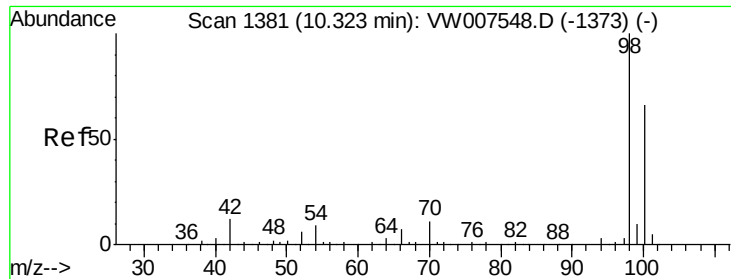
Tgt Ion:114 Resp: 77228
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.6
 88 15.7 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 60.816 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007558.D
 Acq: 15 Dec 2018 03:13

Tgt Ion:113 Resp: 28431
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.1 121.7
 192 17.9 14.6 21.8





#50

Toluene-d8

Concen: 43.975 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

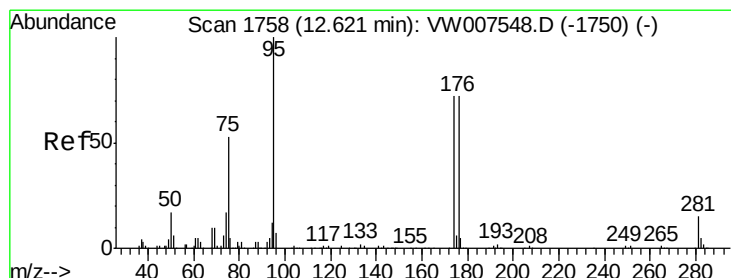
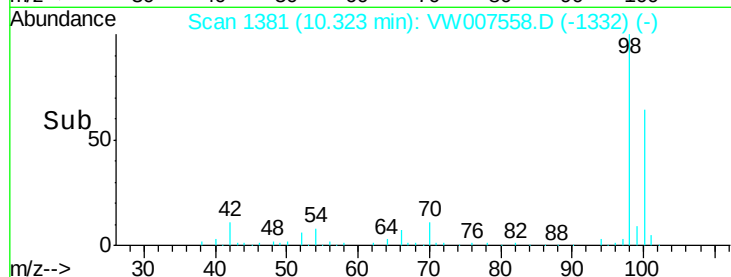
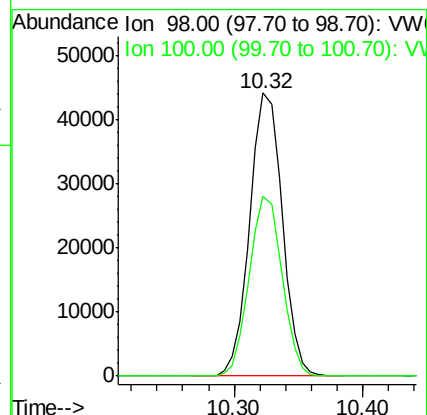
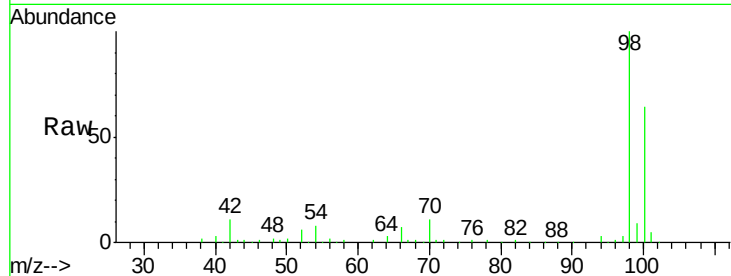
P001-SS018-0612-01

Tgt Ion: 98 Resp: 77081

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 28.526 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007558.D

Acq: 15 Dec 2018 03:13

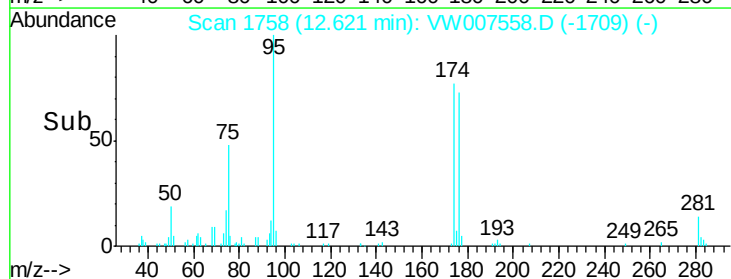
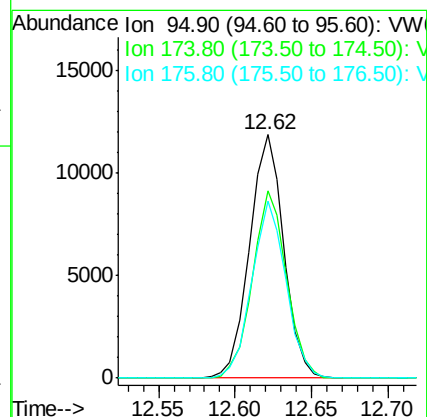
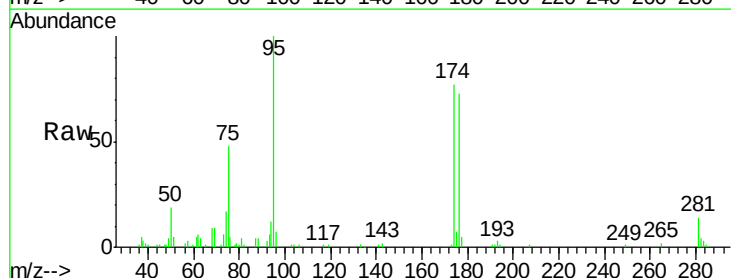
Tgt Ion: 95 Resp: 18384

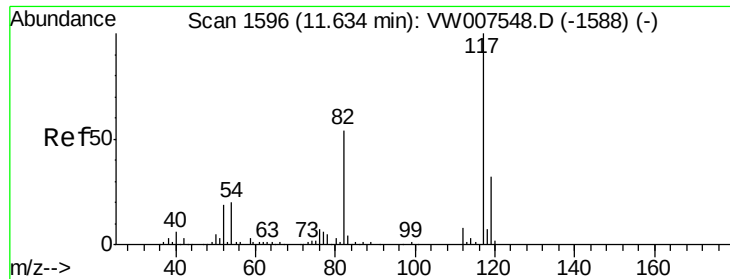
Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.2

176 72.6 0.0 138.8

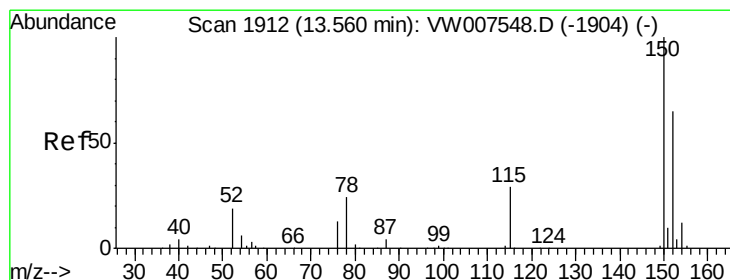
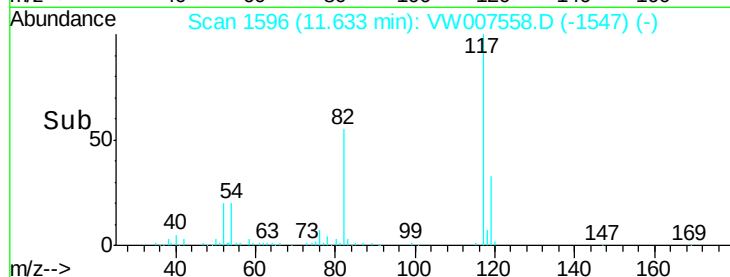
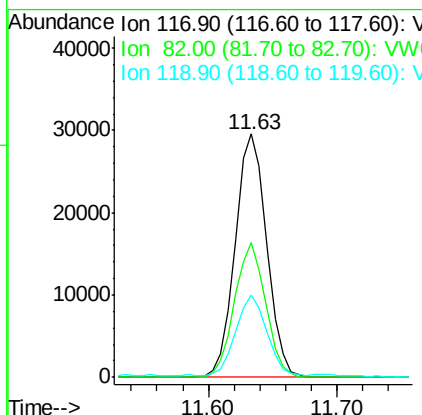
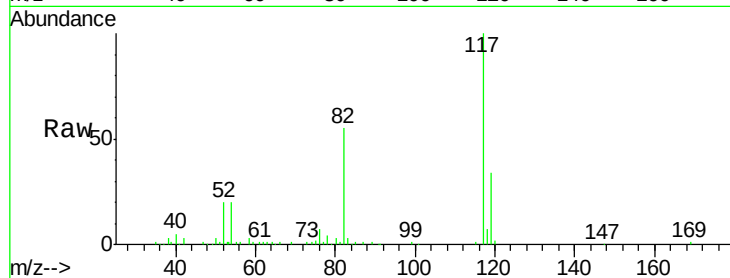




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Instrument :
MSVOA_W
ClientSampleId :
P001-SS018-0612-01

Tgt Ion:117 Resp: 49969
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 33.2 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007558.D
Acq: 15 Dec 2018 03:13

Tgt Ion:152 Resp: 14546
Ion Ratio Lower Upper
152 100
115 58.6 31.4 94.2
150 155.0 0.0 358.4

