

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008999.D
 Acq On : 05 Mar 2019 16:23
 Operator : SY/VA
 Sample : K1675-41RE
 Misc : 4.91G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-3-14-BRE

Quant Time: Mar 06 07:40:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

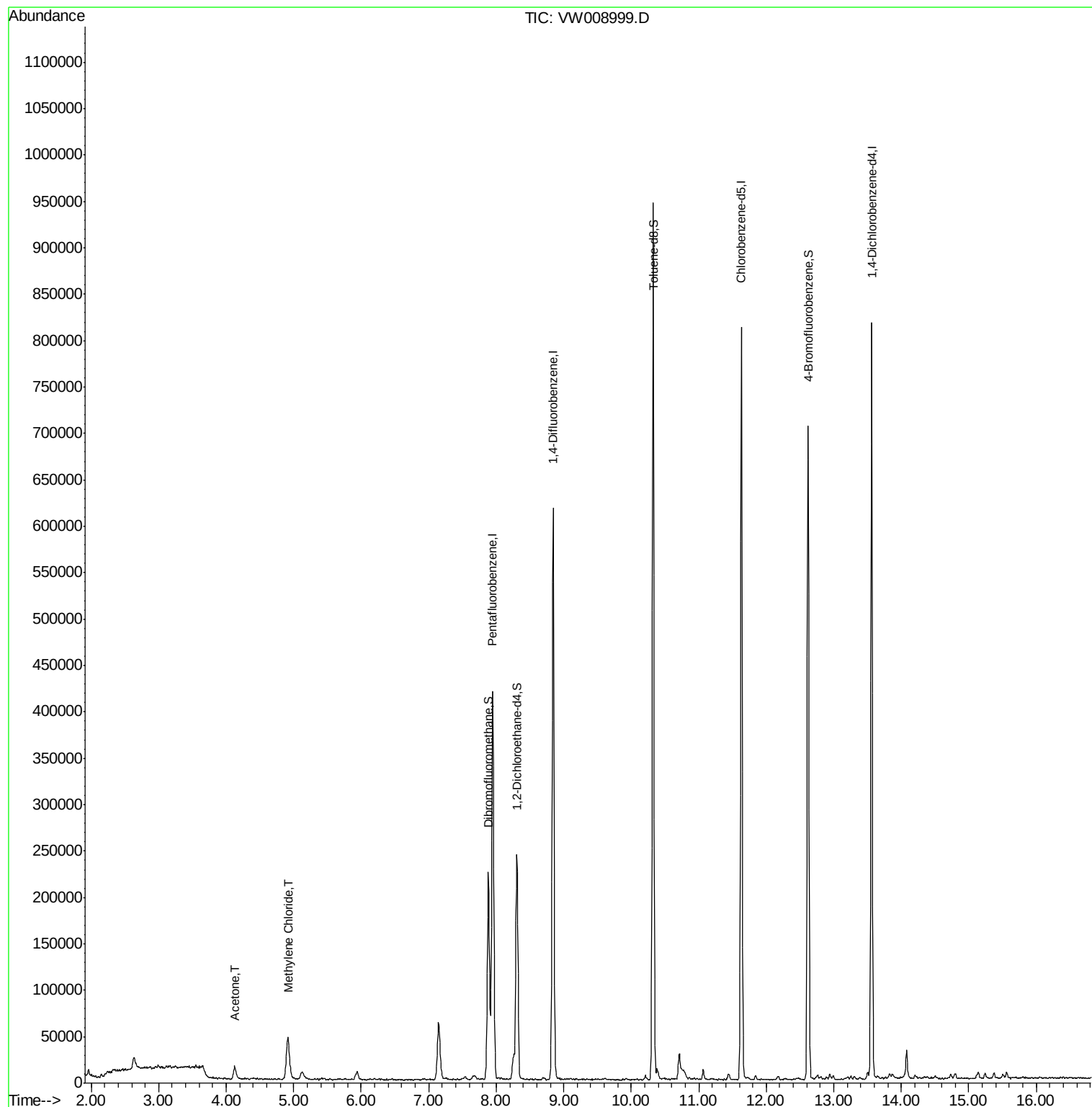
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	203288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180999	61.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.54%	
35) Dibromofluoromethane	7.88	113	148423	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.32	98	589147	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.62	95	198364	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	4.12	43	25069	36.611	ug/l	94
20) Methylene Chloride	4.92	84	34037	5.549	ug/l	97

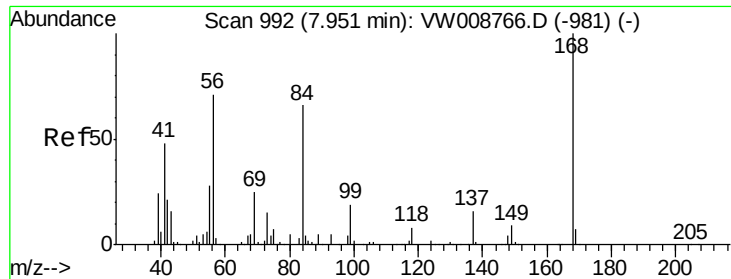
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

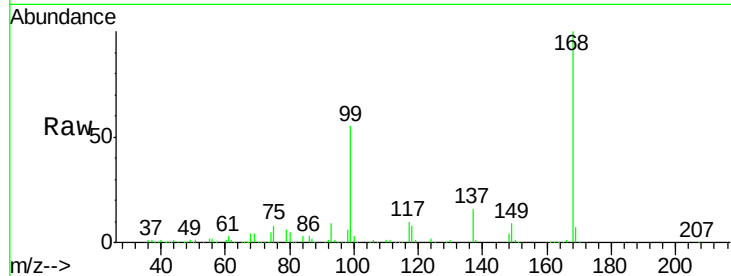
Z-3-14-BRE

Tot Ion:168 Resp: 314966

Ion Ratio Lower Upper

168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

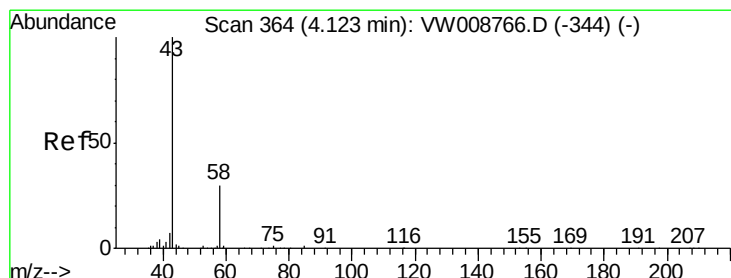
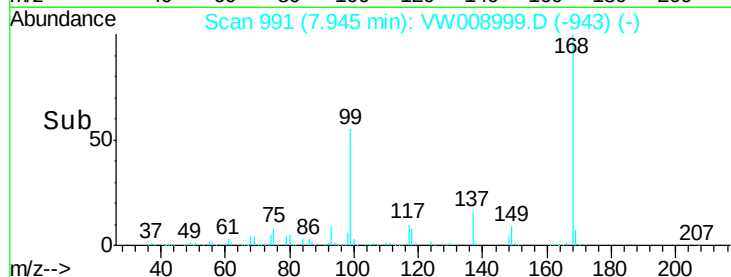
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 36.611 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008999.D

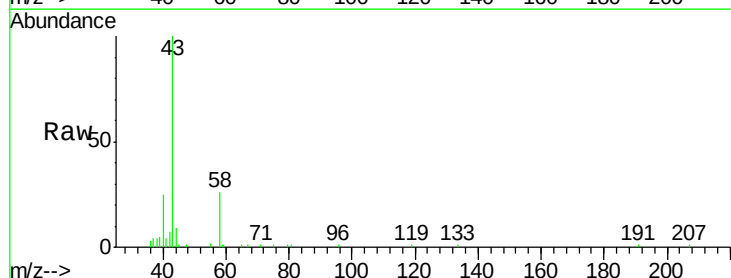
Acq: 05 Mar 2019 16:23

Tgt Ion: 43 Resp: 25069

Ion Ratio Lower Upper

43 100

58 26.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

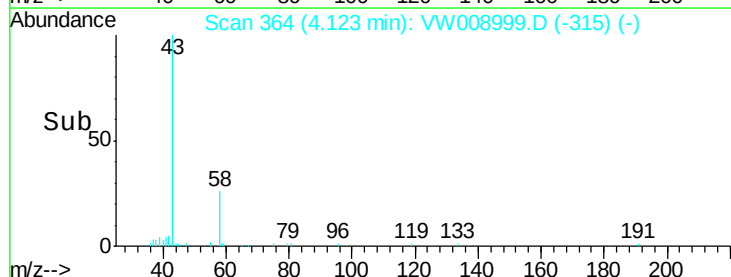
4000

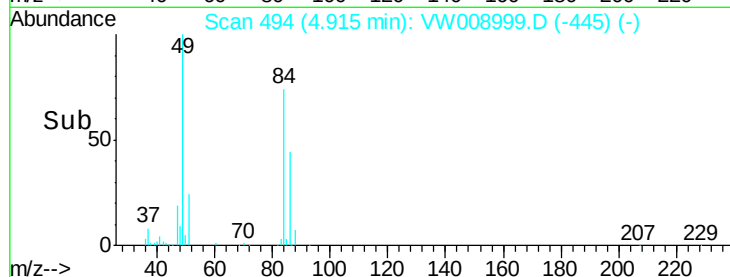
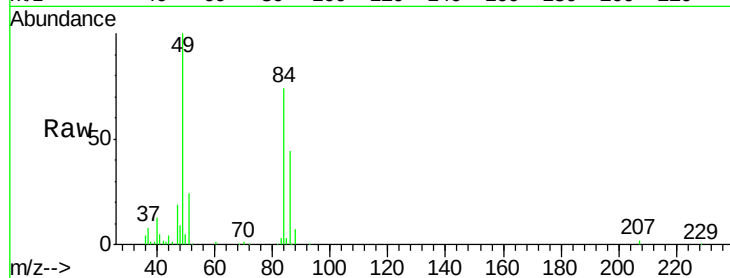
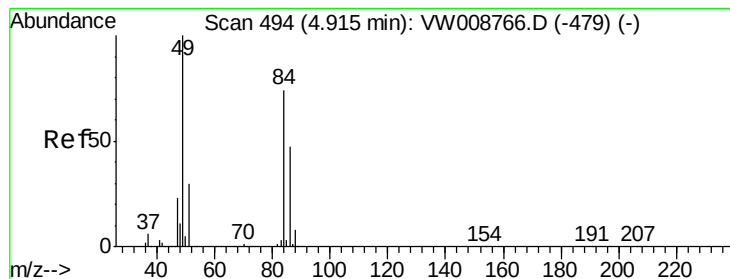
2000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 5.549 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampled :

Z-3-14-BRE

Tot Ion: 84 Resp: 34037

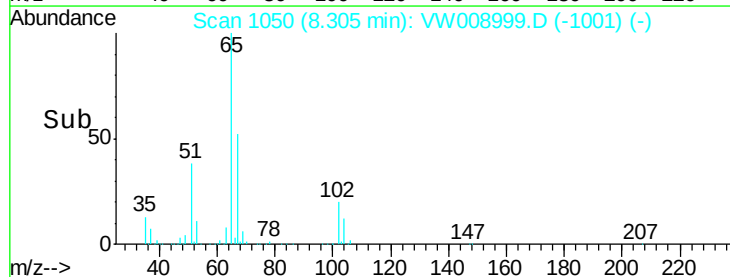
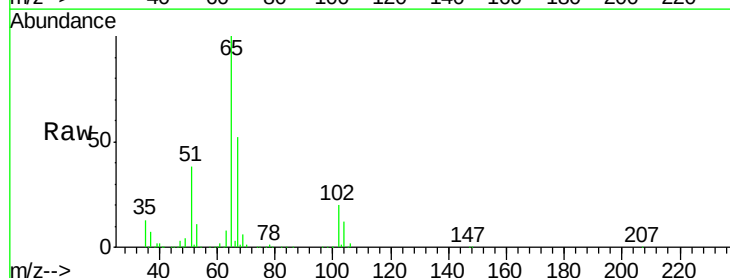
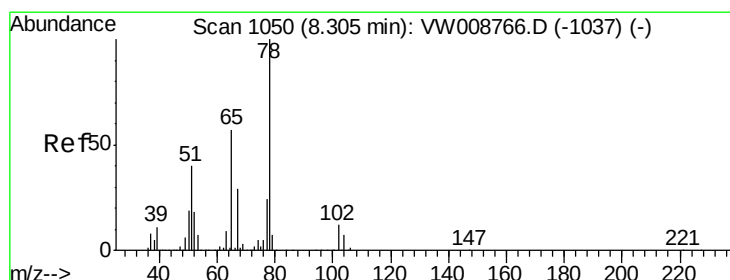
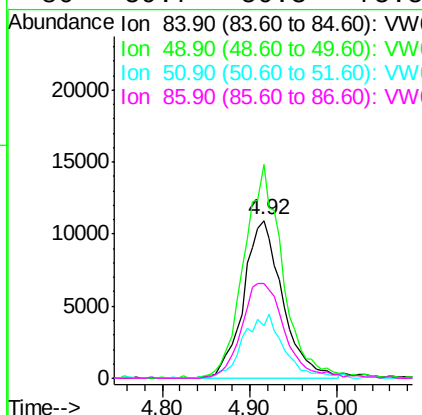
Ion Ratio Lower Upper

84 100

49 135.2 108.2 162.2

51 33.1 32.7 49.1

86 59.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 61.270 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008999.D

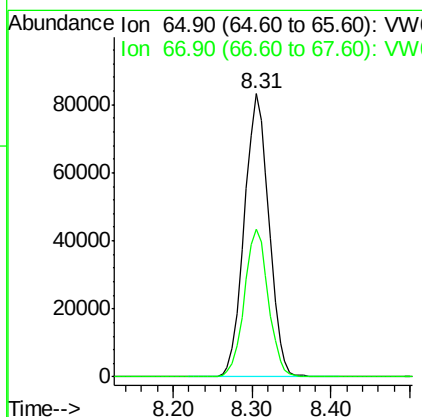
Acq: 05 Mar 2019 16:23

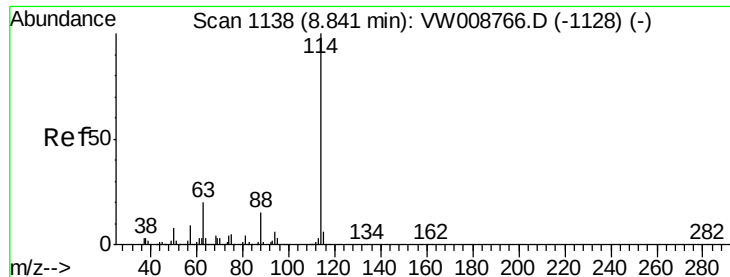
Tgt Ion: 65 Resp: 180999

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

Z-3-14-BRE

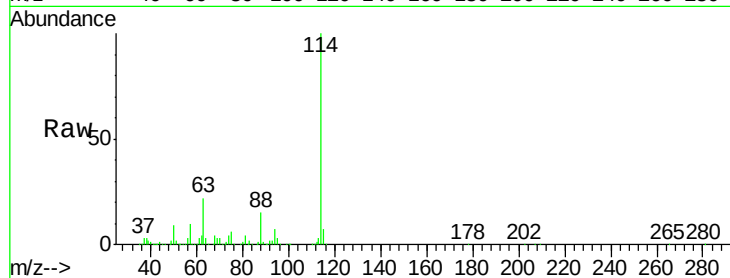
Tot Ion:114 Resp: 494185

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

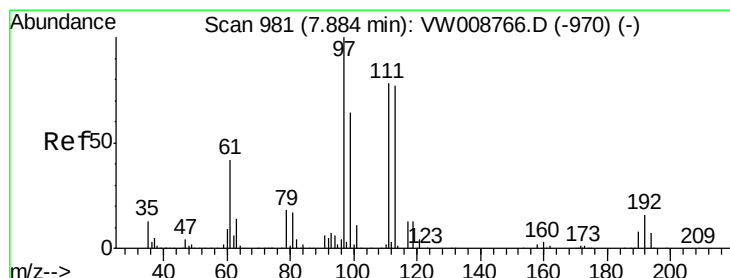
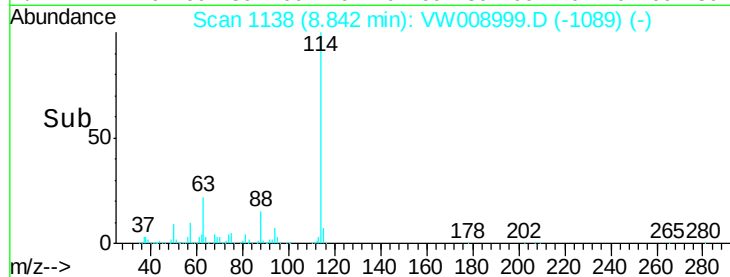
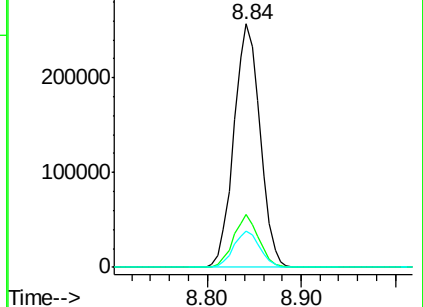
88 15.0 0.0 30.4



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: 50.022 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

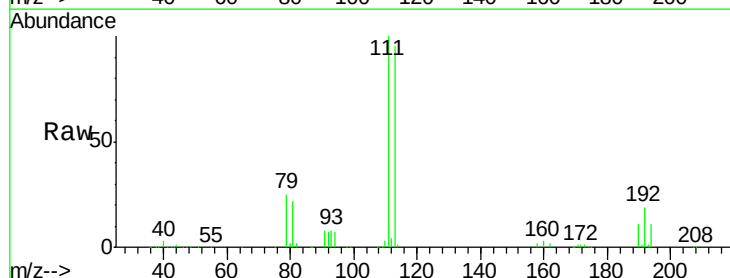
Tgt Ion:113 Resp: 148423

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

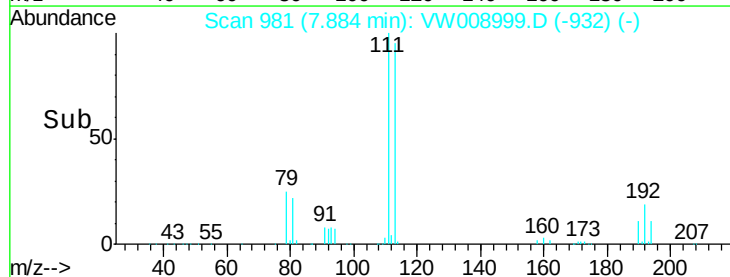
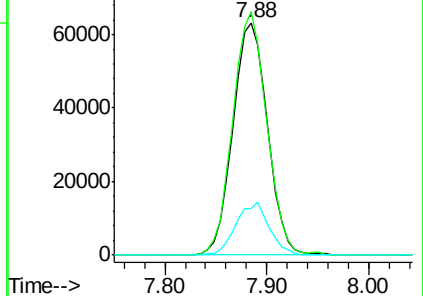
192 21.8 17.1 25.7

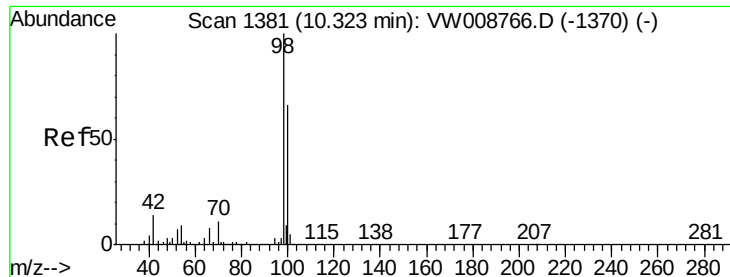


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.436 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

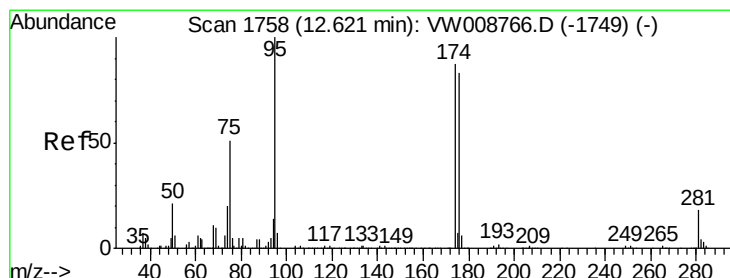
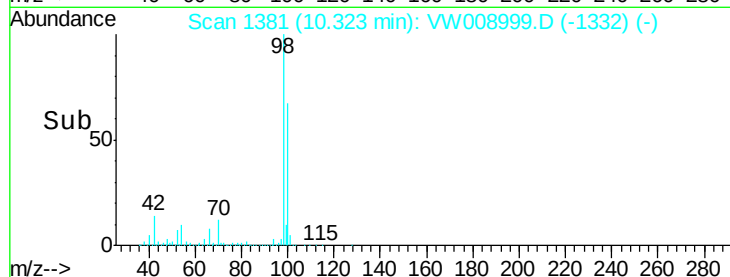
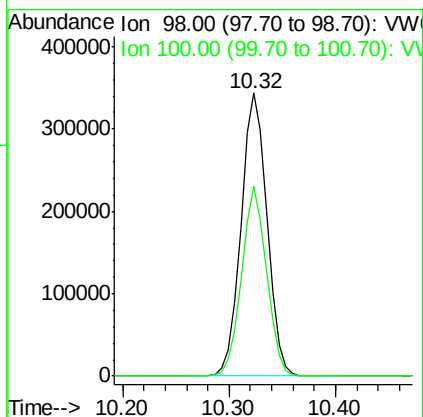
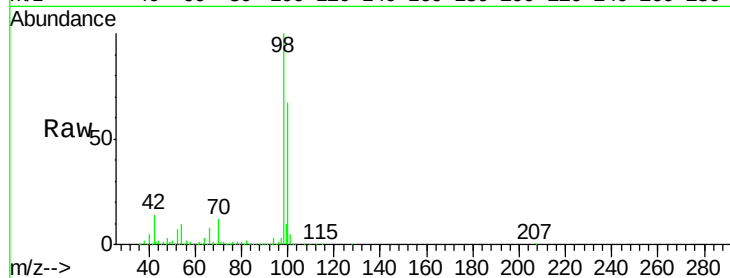
Z-3-14-BRE

Tot Ion: 98 Resp: 589147

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.231 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008999.D

Acq: 05 Mar 2019 16:23

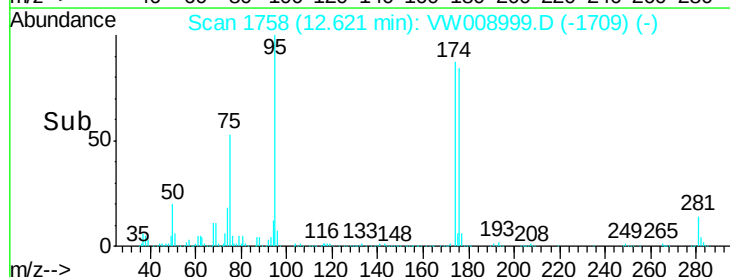
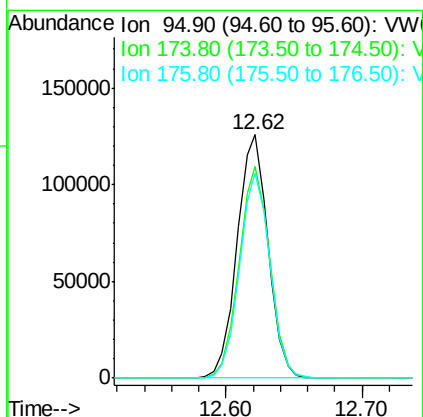
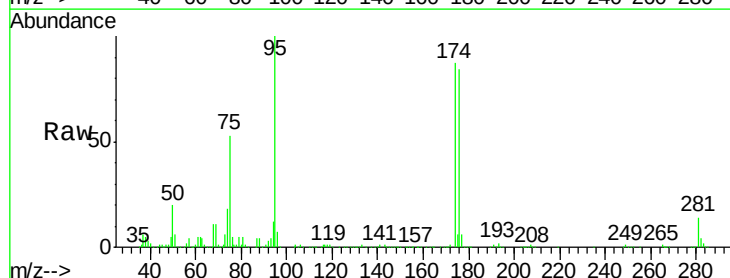
Tgt Ion: 95 Resp: 198364

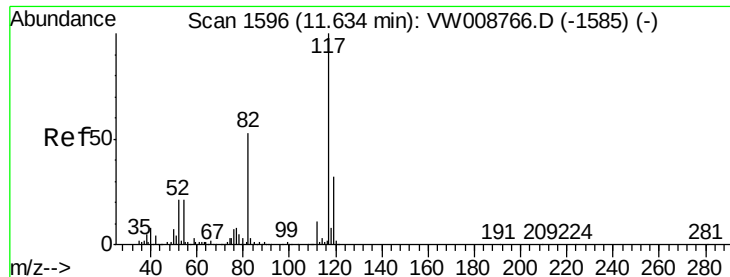
Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.2

176 83.2 0.0 163.6

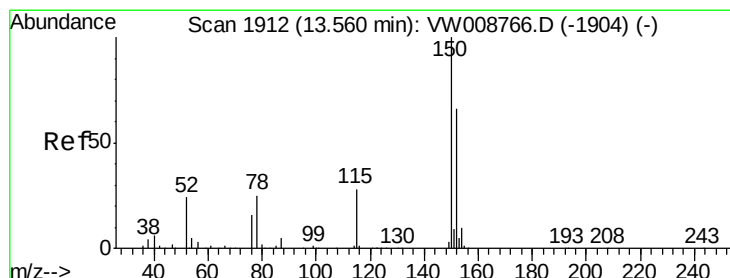
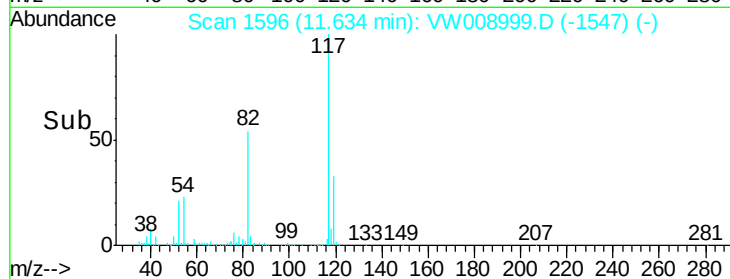
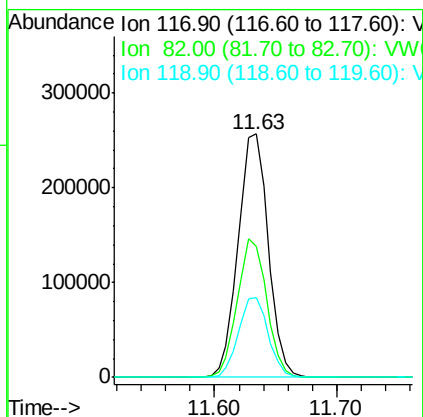
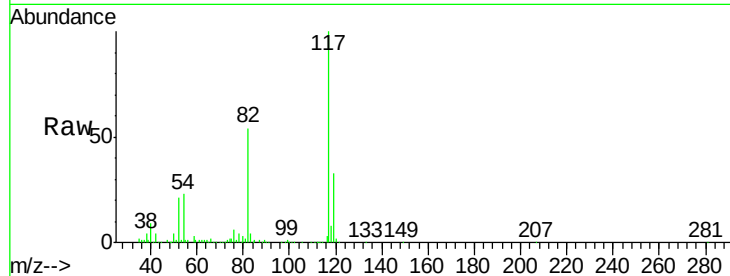




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008999.D
Acq: 05 Mar 2019 16:23

Instrument :
MSVOA_W
ClientSampleId :
Z-3-14-BRE

Tot Ion:117 Resp: 439429
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008999.D
Acq: 05 Mar 2019 16:23

Tgt Ion:152 Resp: 203288
Ion Ratio Lower Upper
152 100
115 57.2 28.6 85.8
150 157.5 0.0 348.0

