

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
 Data File : VW008620.D
 Acq On : 12 Feb 2019 14:05
 Operator : SY/VA
 Sample : K1458-06RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4RE

Quant Time: Feb 13 00:47:05 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

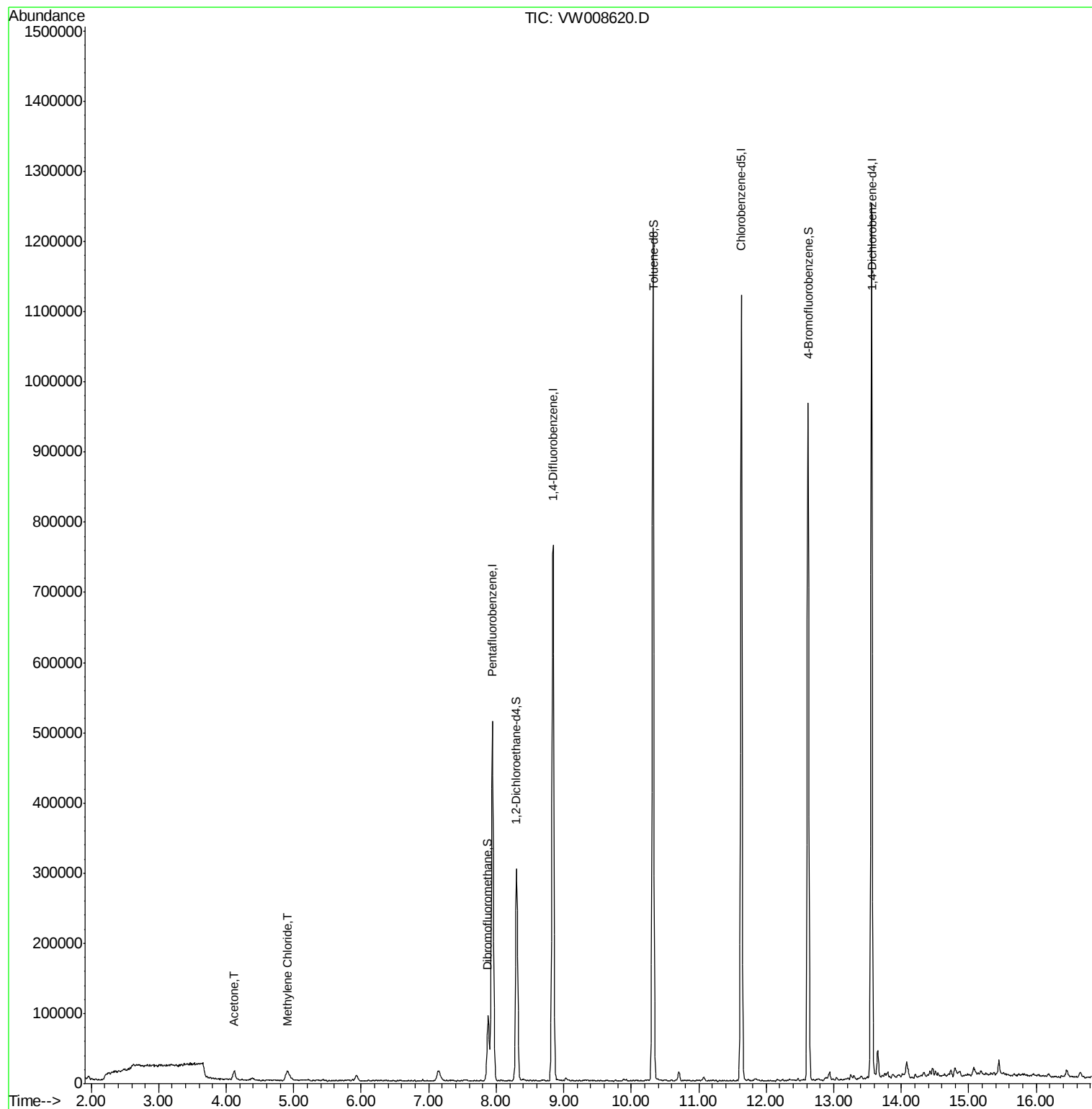
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	401337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	649461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	611127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	321697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	226728	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	7.88	113	64129	16.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.78%	
50) Toluene-d8	10.32	98	780624	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	304891	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
Target Compounds						
16) Acetone	4.12	43	22743	25.687	ug/l	96
20) Methylene Chloride	4.91	84	13272	3.252	ug/l #	90

(#) = 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: VW008620.D

Acq: 12 Feb 2019 14:05

Instrument :

MSVOA_W

ClientSampled :

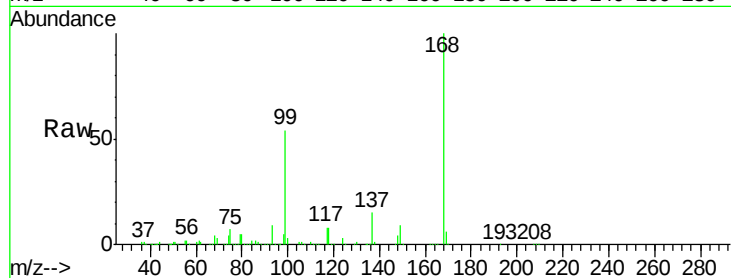
SB-4RE

Tot Ion:168 Resp: 401337

Ion Ratio Lower Upper

168 100

99 53.8 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

200000

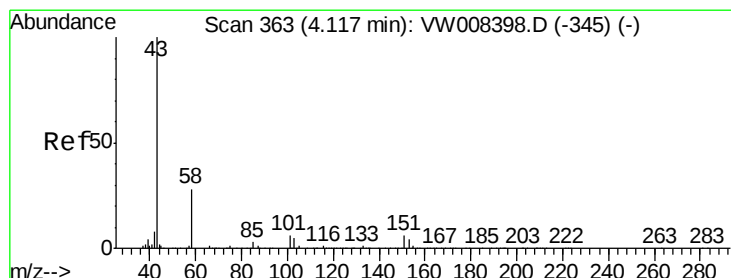
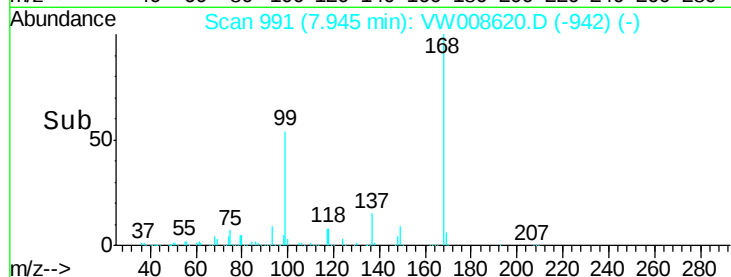
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 25.687 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008620.D

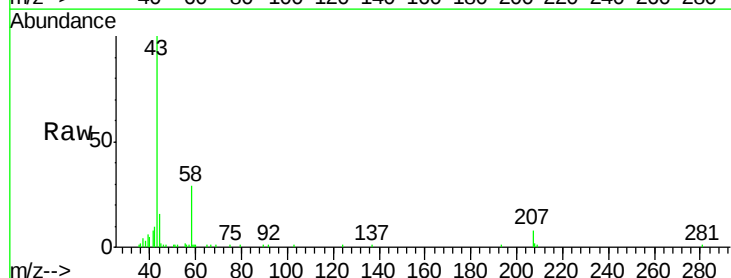
Acq: 12 Feb 2019 14:05

Tgt Ion: 43 Resp: 22743

Ion Ratio Lower Upper

43 100

58 30.4 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

10000

8000

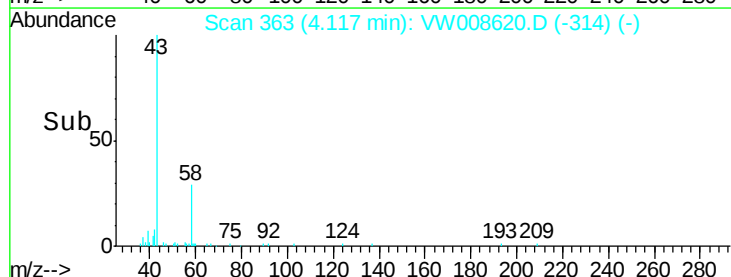
6000

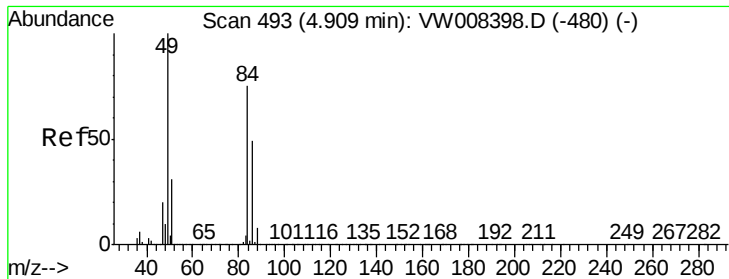
4000

2000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 3.252 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008620.D

Acq: 12 Feb 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

SB-4RE

Tot Ion: 84 Resp: 13272

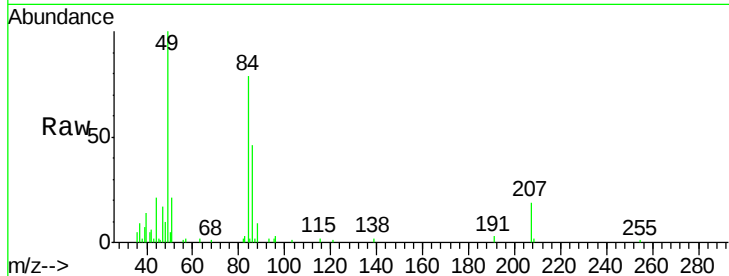
Ion Ratio Lower Upper

84 100

49 126.3 106.8 160.2

51 27.2 32.9 49.3#

86 58.1 52.2 78.2

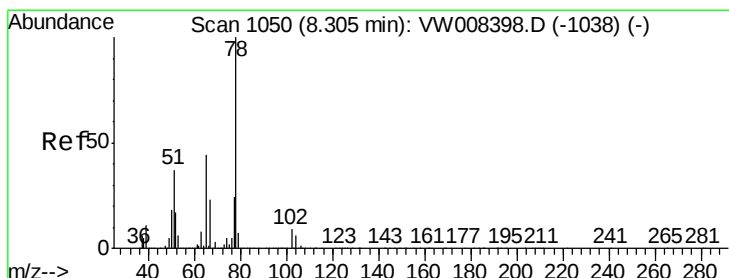
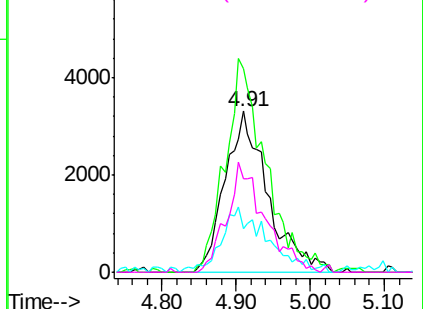
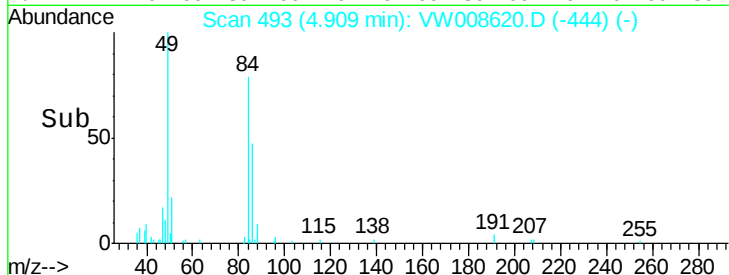


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 57.505 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008620.D

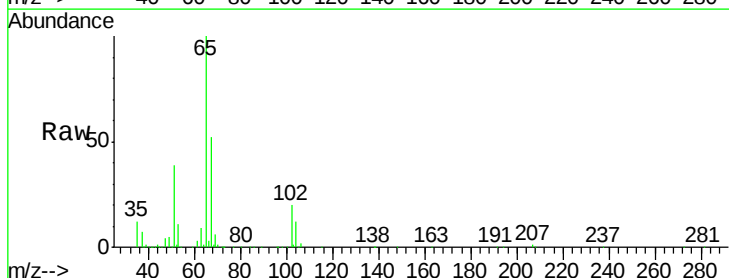
Acq: 12 Feb 2019 14:05

Tgt Ion: 65 Resp: 226728

Ion Ratio Lower Upper

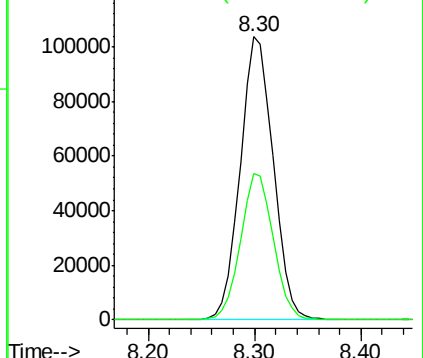
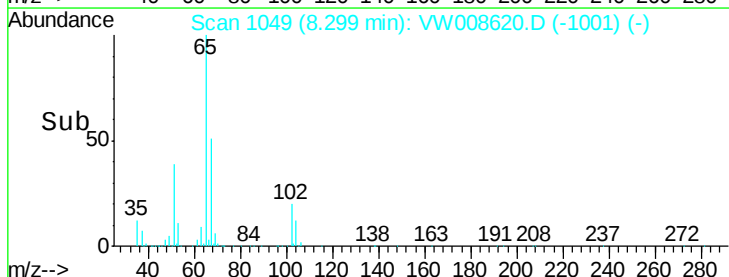
65 100

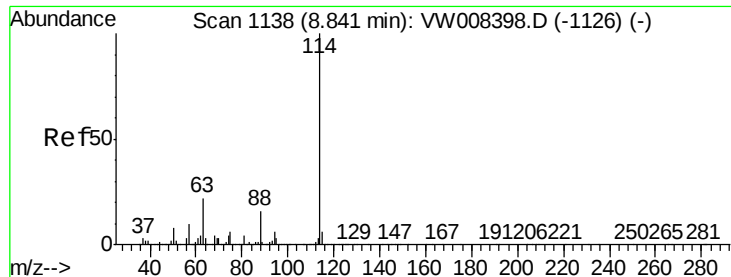
67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

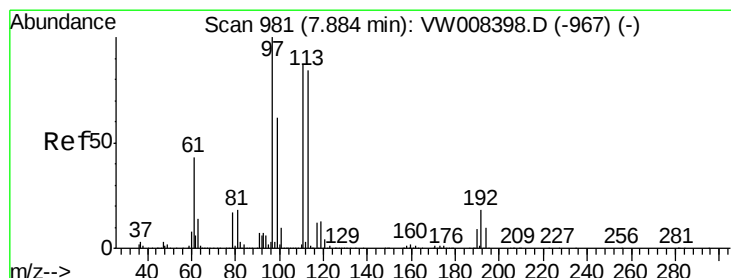
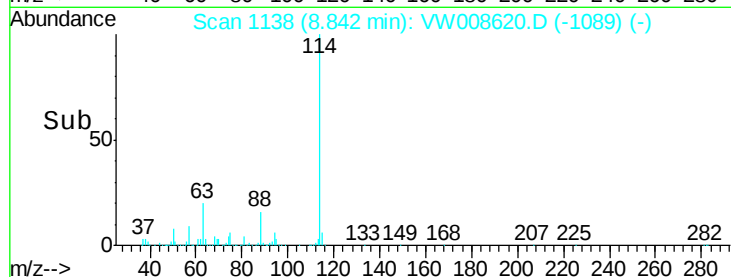
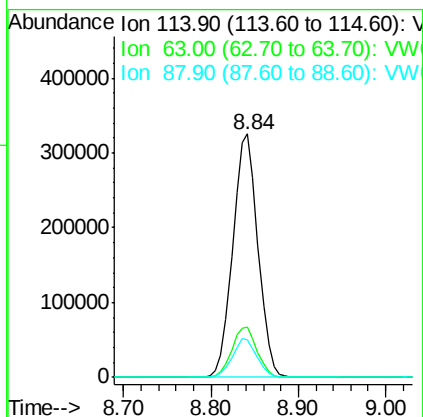
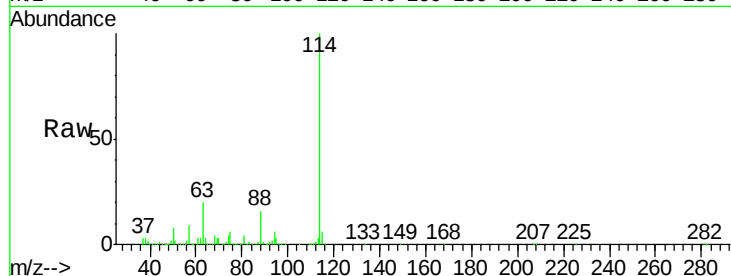




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008620.D
 Acq: 12 Feb 2019 14:05

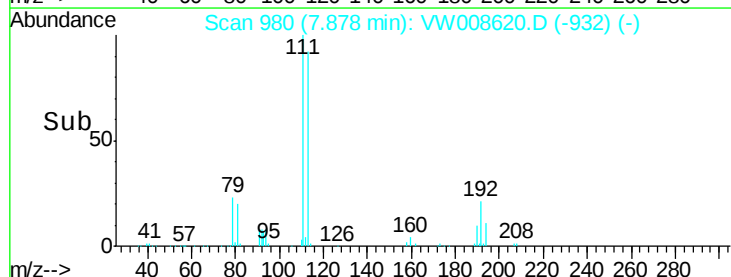
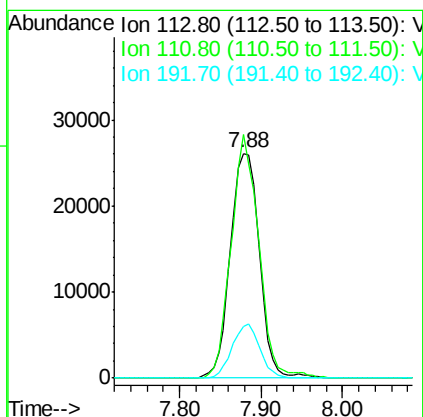
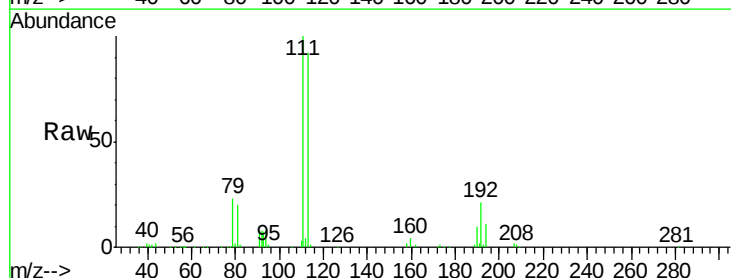
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4RE

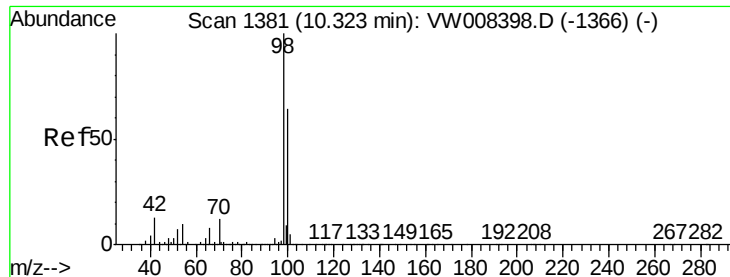
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.6
88	15.6	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 16.887 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008620.D
 Acq: 12 Feb 2019 14:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	23.0	16.8	25.2





#50

Toluene-d8

Concen: 51.260 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008620.D

Acq: 12 Feb 2019 14:05

Instrument :

MSVOA_W

ClientSampled :

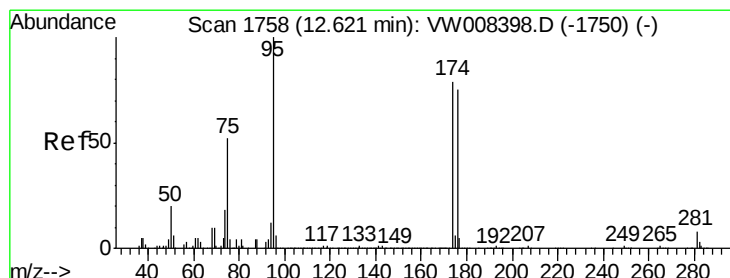
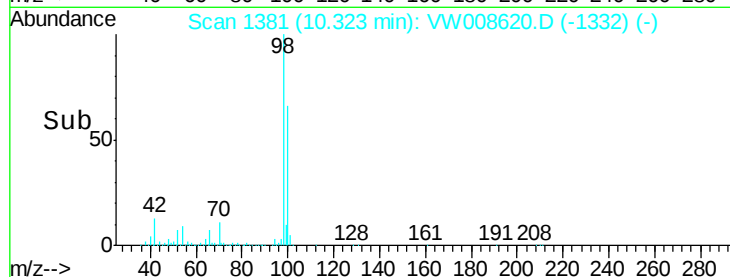
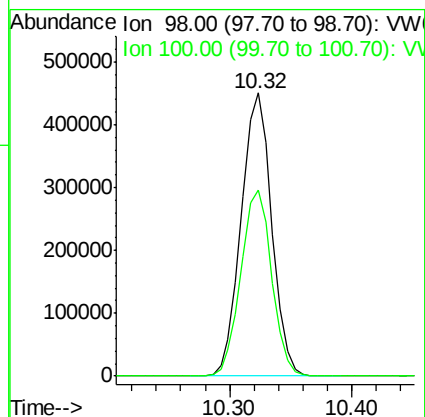
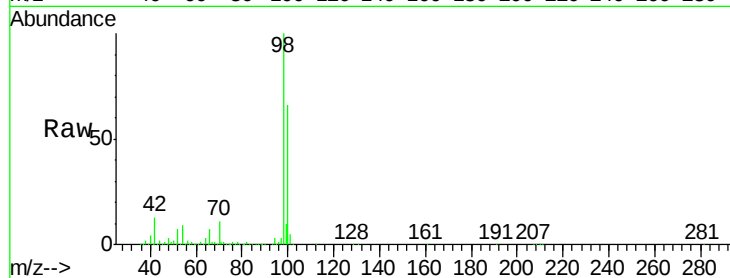
SB-4RE

Tot Ion: 98 Resp: 780624

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.086 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008620.D

Acq: 12 Feb 2019 14:05

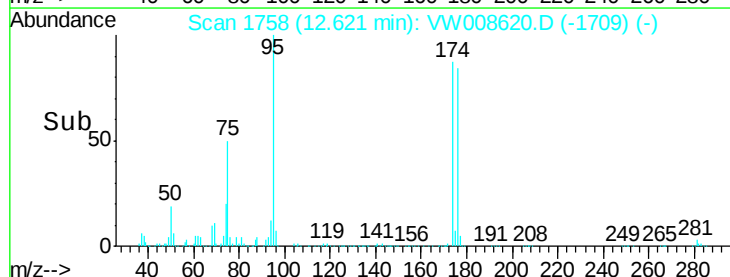
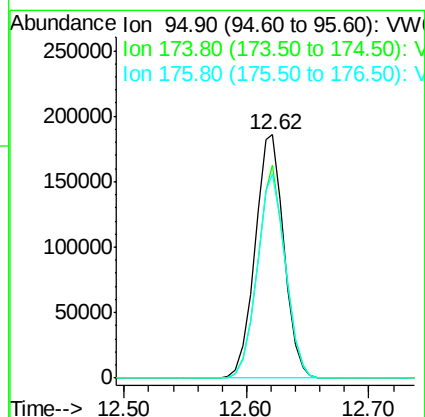
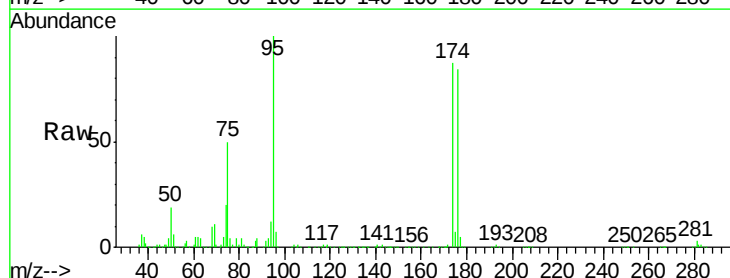
Tgt Ion: 95 Resp: 304891

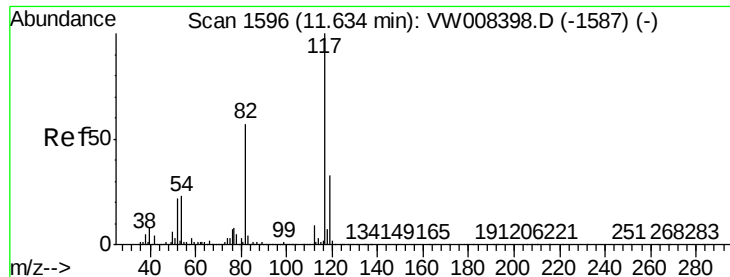
Ion Ratio Lower Upper

95 100

174 83.5 0.0 157.6

176 82.3 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: VW008620.D

Acq: 12 Feb 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

SB-4RE

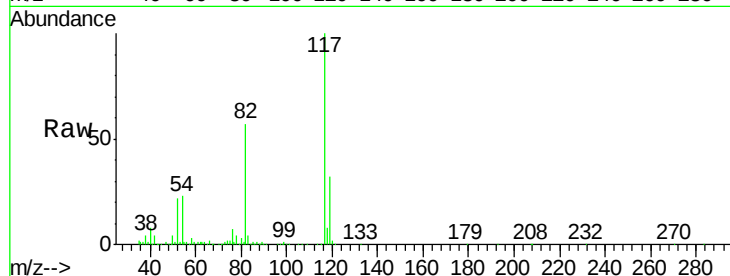
Tot Ion:117 Resp: 611127

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.0

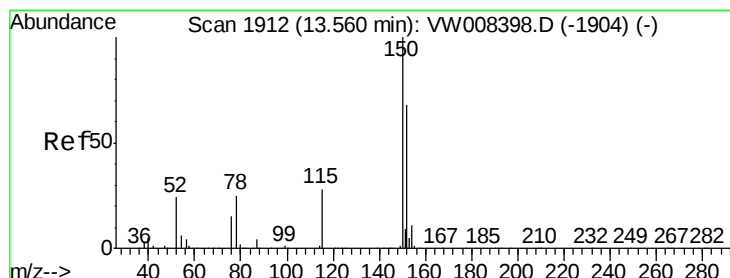
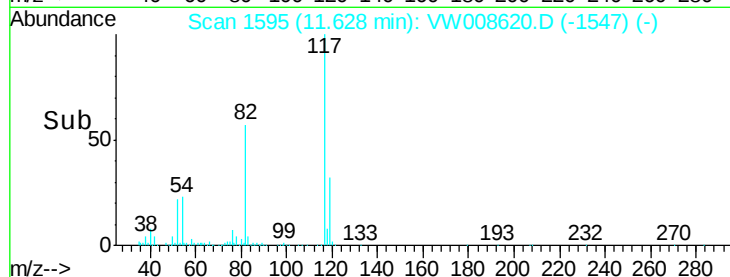
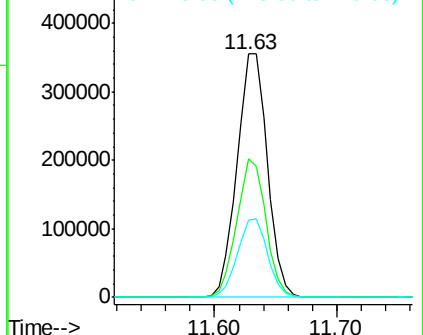
119 31.9 26.2 39.4



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: VW008620.D

Acq: 12 Feb 2019 14:05

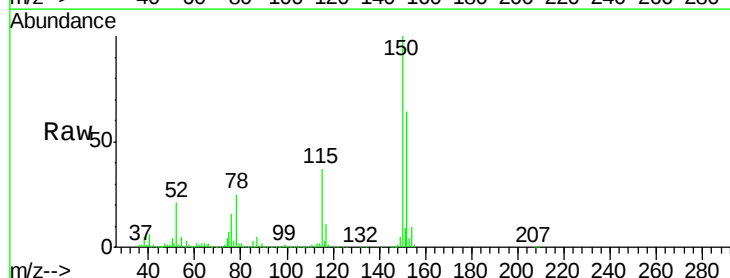
Tgt Ion:152 Resp: 321697

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

150 156.6 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

