

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008950.D
 Acq On : 02 Mar 2019 05:33
 Operator : SY/VA
 Sample : K1675-17RE
 Misc : 5.99G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z-4-A-BRE

Quant Time: Mar 04 00:35:00 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

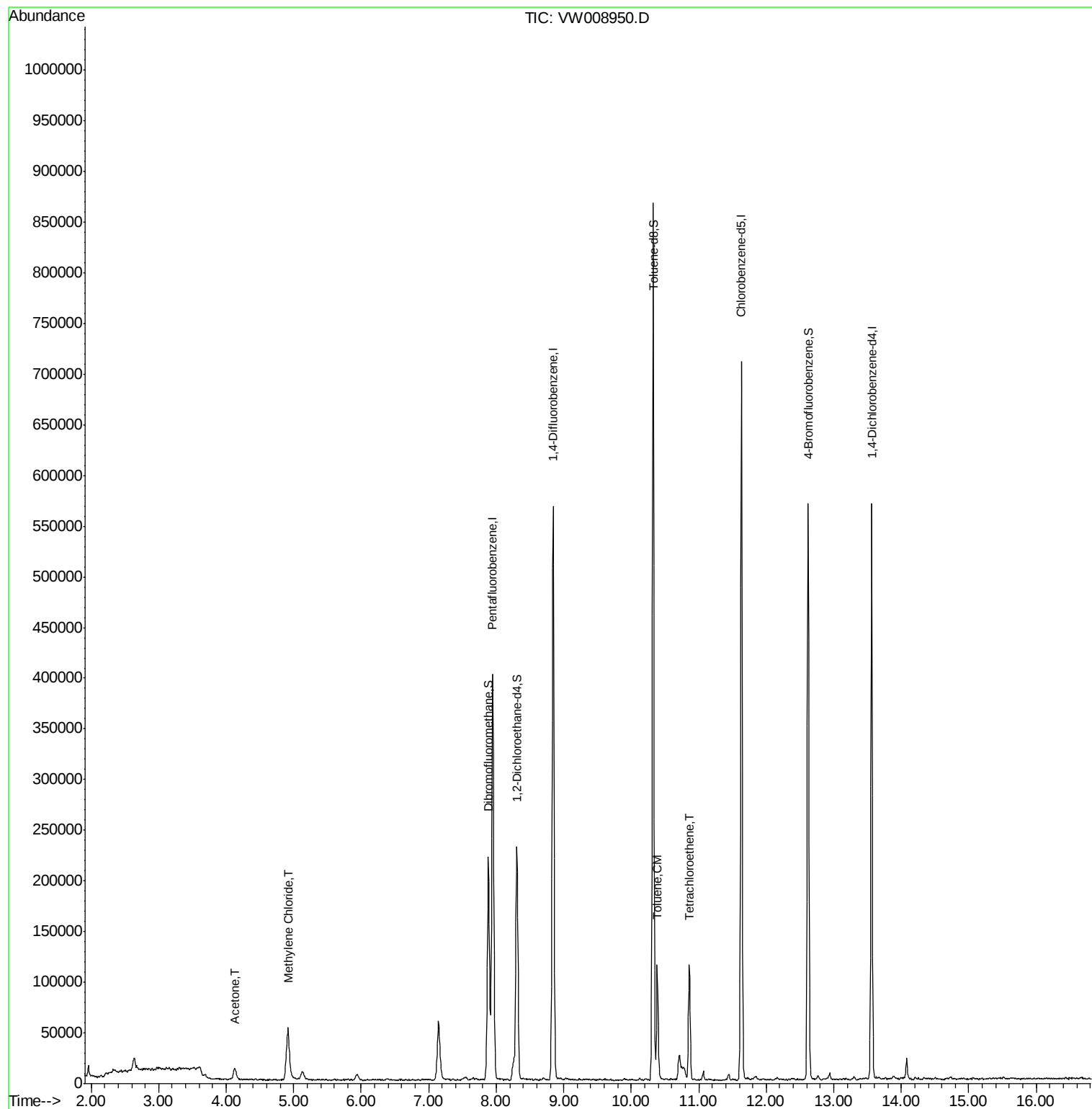
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171171	61.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.22%	
35) Dibromofluoromethane	7.88	113	145483	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	10.32	98	542106	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	155987	37.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.62%	
Target Compounds						
16) Acetone	4.13	43	20677	32.106	ug/l #	89
20) Methylene Chloride	4.92	84	37801	7.580	ug/l	93
52) Toluene	10.39	92	46418	5.586	ug/l	98
64) Tetrachloroethene	10.86	164	23729	8.655	ug/l	97

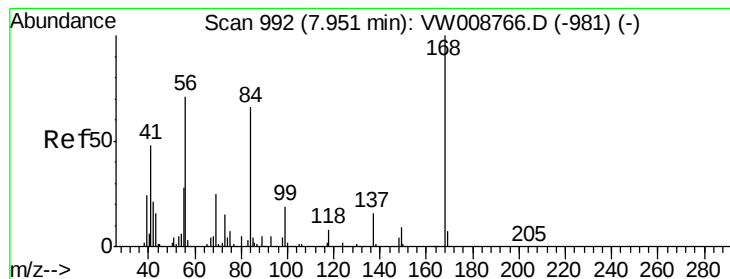
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008950.D

Acq: 02 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

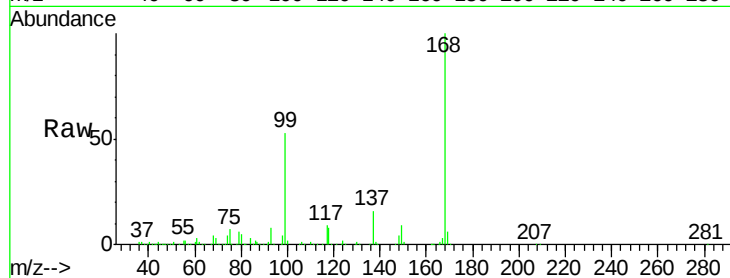
Z-4-A-BRE

Tot Ion:168 Resp: 296241

Ion Ratio Lower Upper

168 100

99 52.9 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

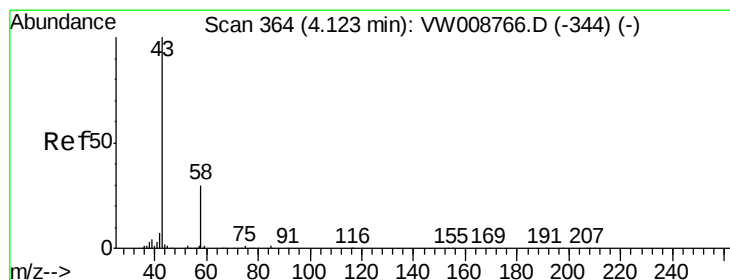
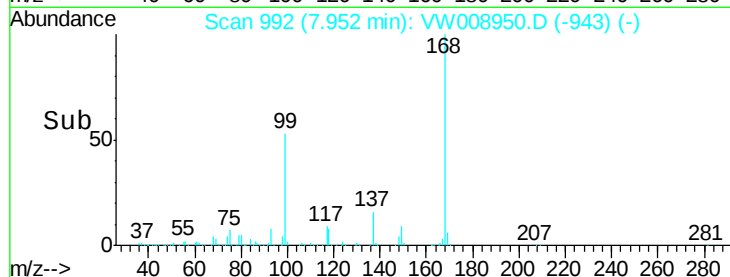
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 32.106 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008950.D

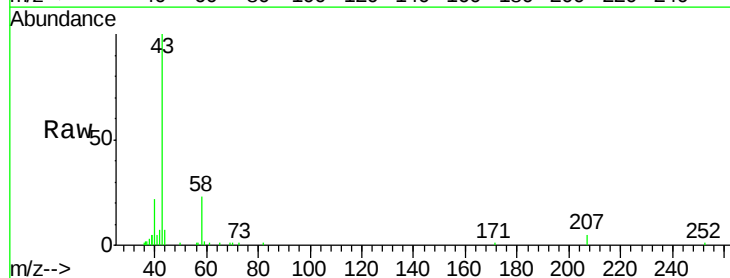
Acq: 02 Mar 2019 05:33

Tgt Ion: 43 Resp: 20677

Ion Ratio Lower Upper

43 100

58 23.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

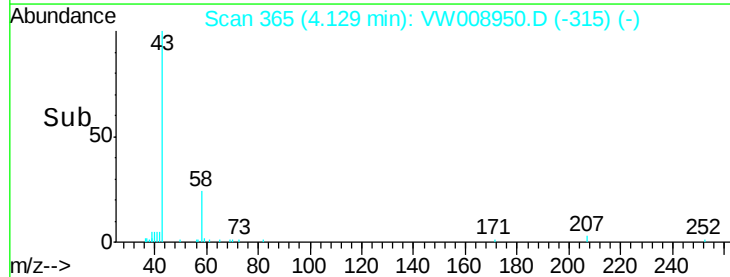
6000

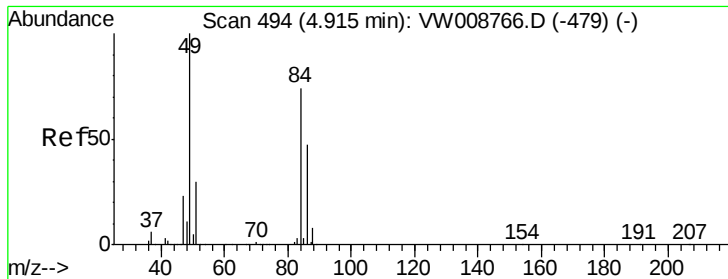
4000

2000

0

Time-->

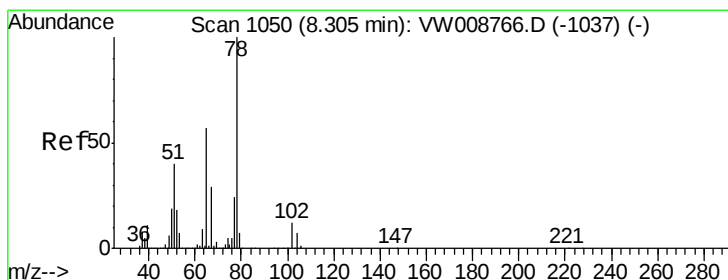
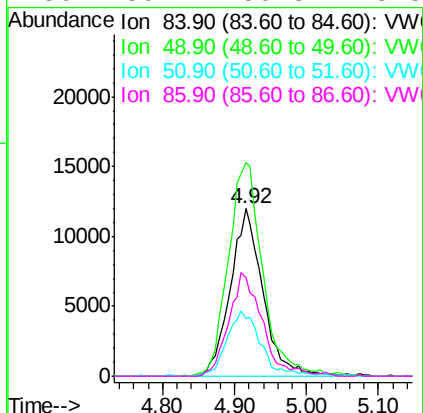
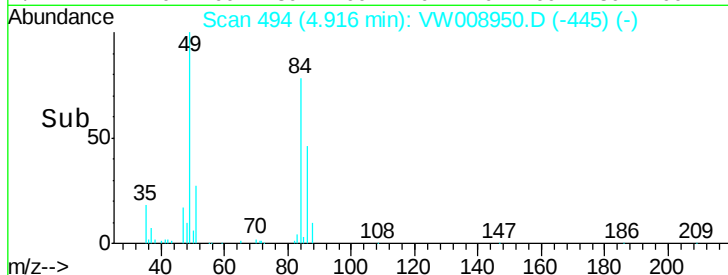
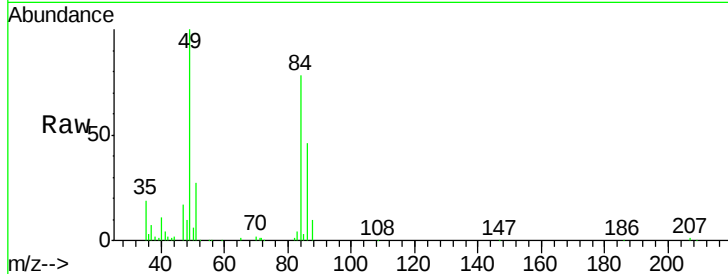




#20
Methvlene Chloride
Concen: 7.580 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008950.D
Acq: 02 Mar 2019 05:33

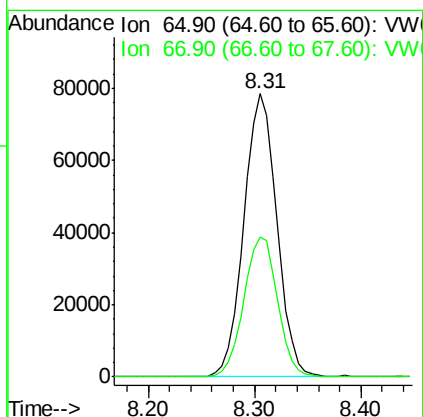
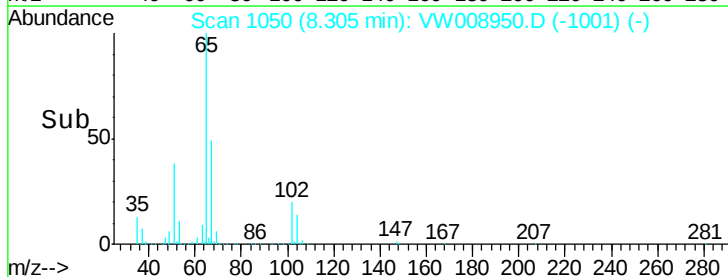
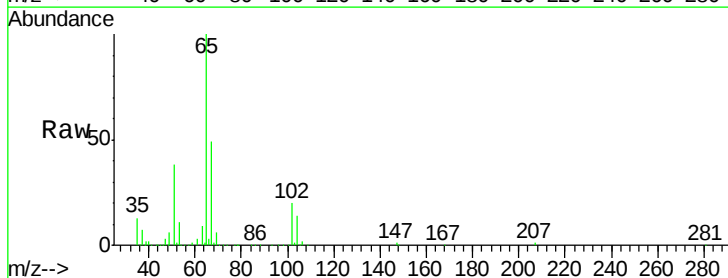
Instrument :
MSVOA_W
ClientSampleId :
Z-4-A-BRE

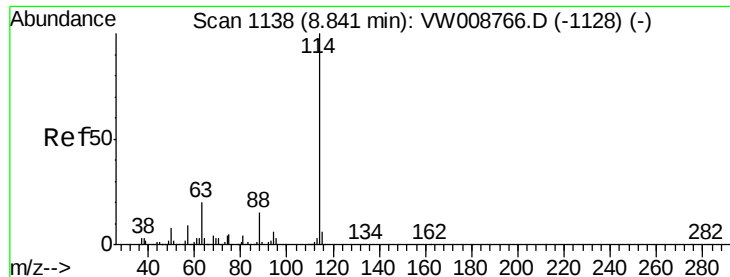
Tot Ion: 84 Resp: 37801
Ion Ratio Lower Upper
84 100
49 127.4 108.2 162.2
51 34.3 32.7 49.1
86 59.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 61.606 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008950.D
Acq: 02 Mar 2019 05:33

Tgt Ion: 65 Resp: 171171
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4

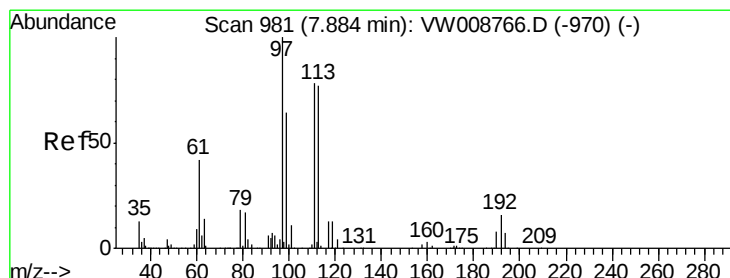
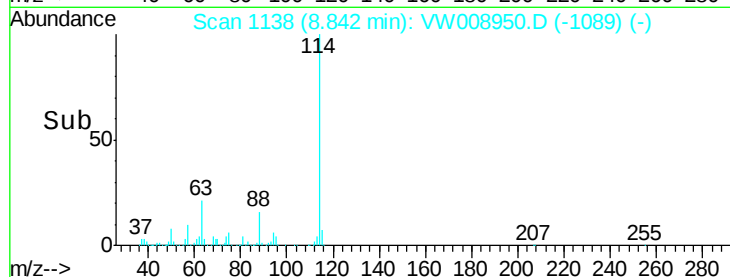
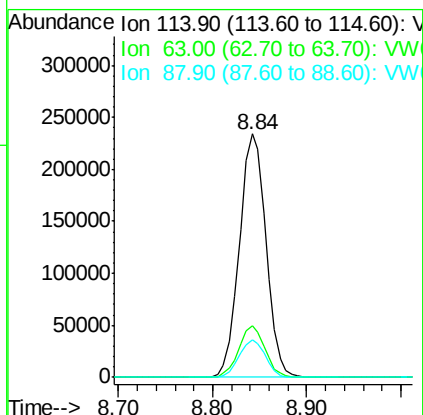
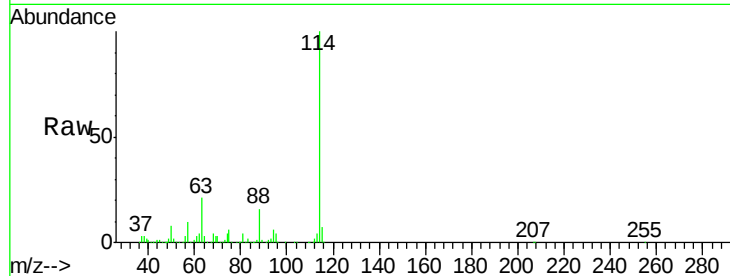




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008950.D
Acq: 02 Mar 2019 05:33

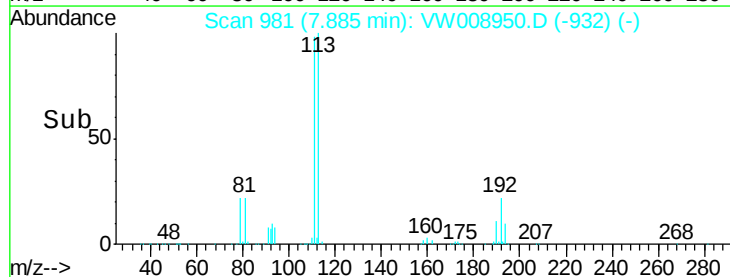
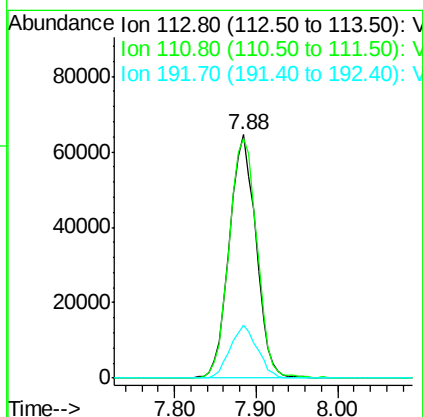
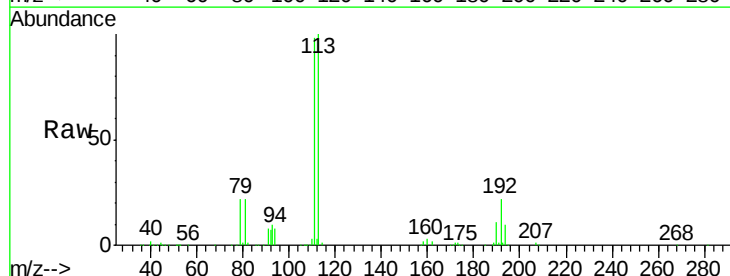
Instrument :
MSVOA_W
ClientSampleId :
Z-4-A-BRE

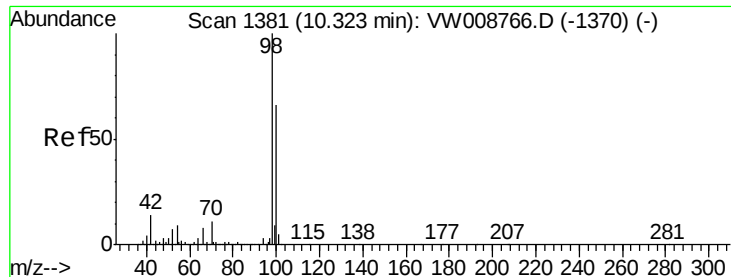
Tot Ion:114 Resp: 460684
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 52.597 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008950.D
Acq: 02 Mar 2019 05:33

Tgt Ion:113 Resp: 145483
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 22.0 17.1 25.7





#50

Toluene-d8

Concen: 50.770 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008950.D

Acq: 02 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

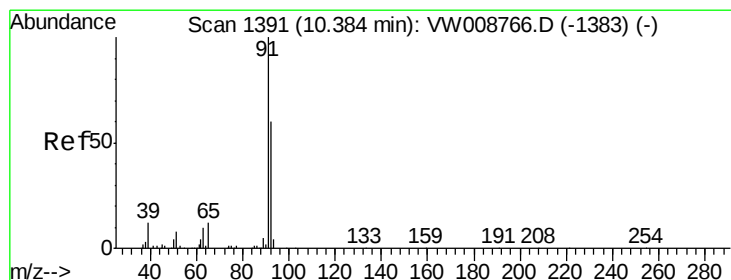
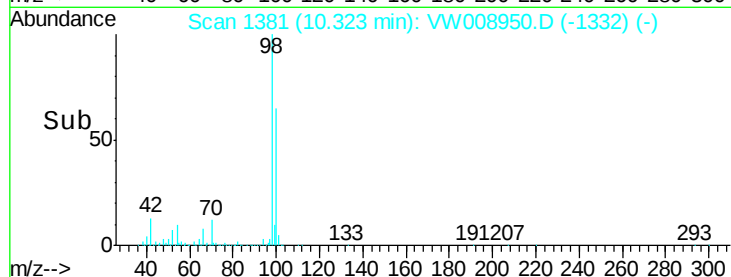
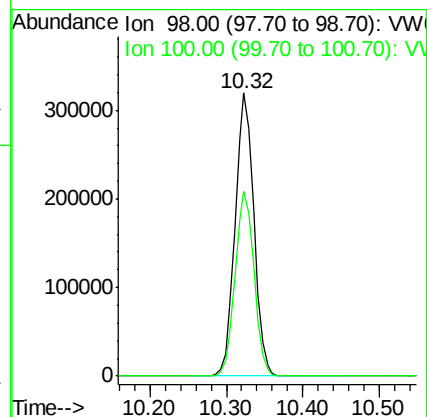
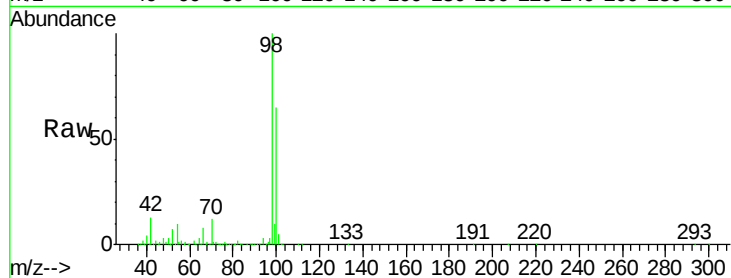
Z-4-A-BRE

Tot Ion: 98 Resp: 542106

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#52

Toluene

Concen: 5.586 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008950.D

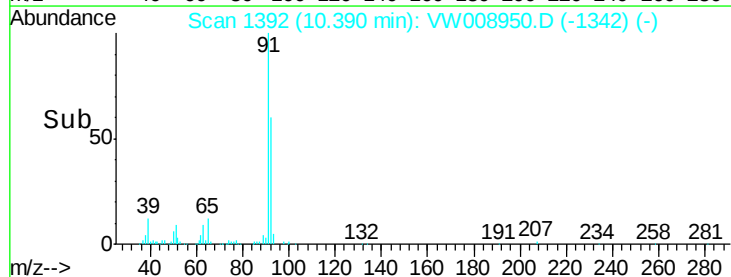
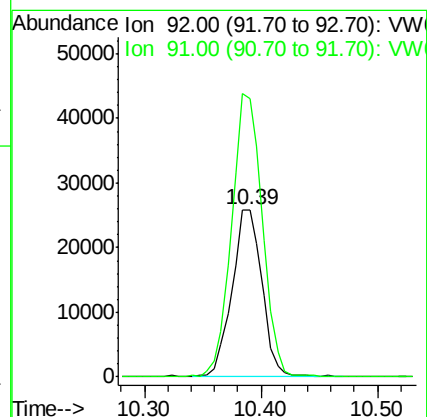
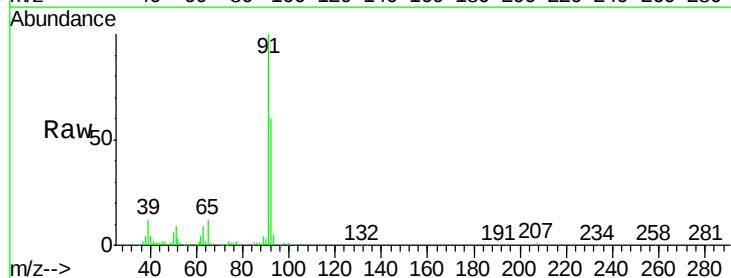
Acq: 02 Mar 2019 05:33

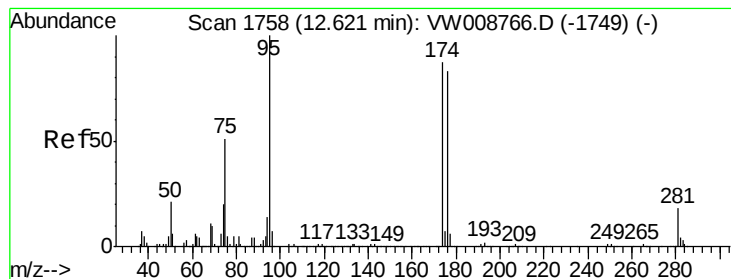
Tgt Ion: 92 Resp: 46418

Ion Ratio Lower Upper

92 100

91 173.3 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 37.311 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008950.D

Acq: 02 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

Z-4-A-BRE

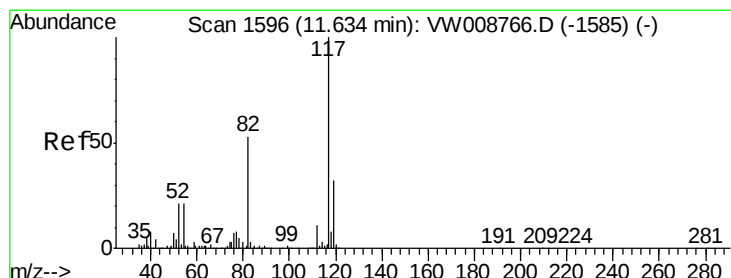
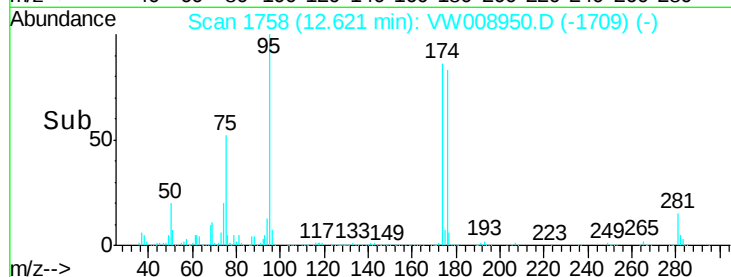
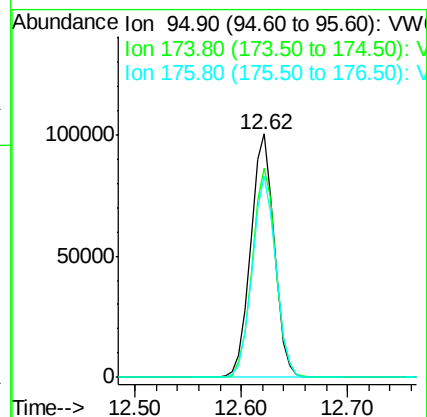
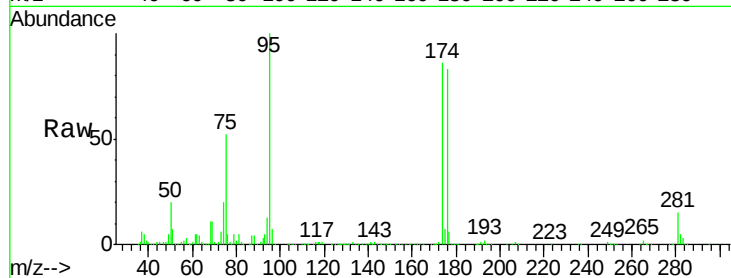
Tot Ion: 95 Resp: 155987

Ion Ratio Lower Upper

95 100

174 86.4 0.0 169.2

176 83.0 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: VW008950.D

Acq: 02 Mar 2019 05:33

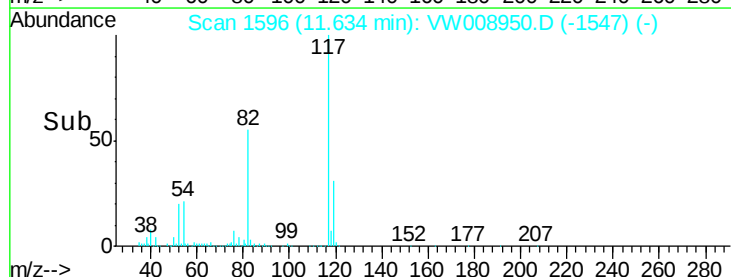
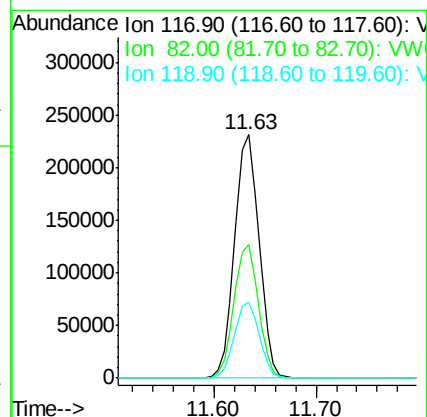
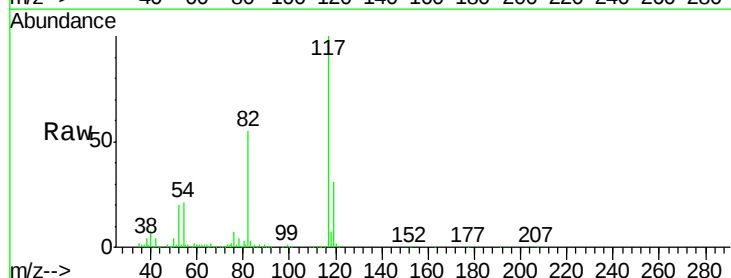
Tgt Ion: 117 Resp: 383019

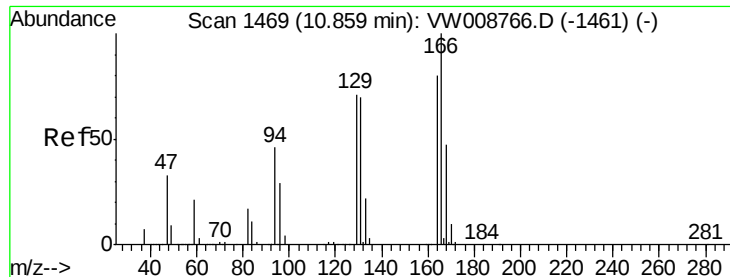
Ion Ratio Lower Upper

117 100

82 54.9 42.2 63.4

119 31.4 25.9 38.9





#64

Tetrachloroethene

Concen: 8.655 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW008950.D

Acq: 02 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

Z-4-A-BRE

Tot Ion:164 Resp: 23729

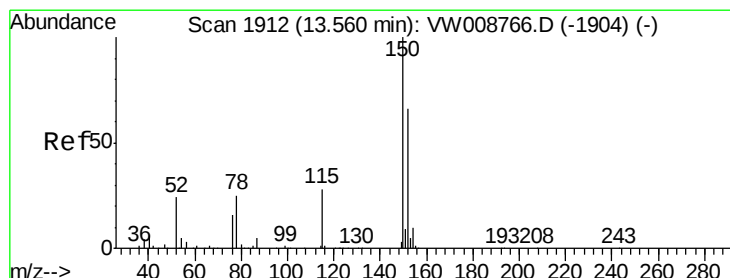
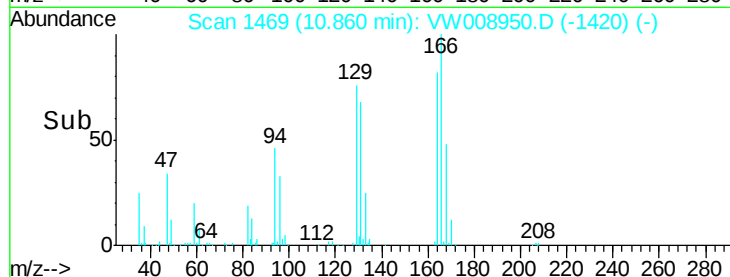
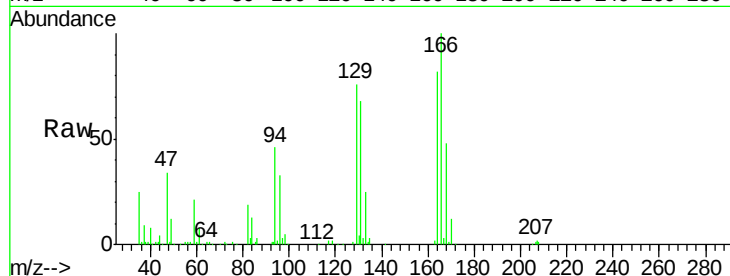
Ion	Ratio	Lower	Upper
164	100		
166	122.2	99.5	149.3
129	93.0	71.1	106.7
131	83.3	69.8	104.8

Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW008950.D

Acq: 02 Mar 2019 05:33

Tgt Ion:152 Resp: 139298

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.6	85.8
150	157.4	0.0	348.0

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

