

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008584.D
 Acq On : 08 Feb 2019 20:33
 Operator : SY/VA
 Sample : K1390-04RE
 Misc : 4.51G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(0-2)RE

Quant Time: Feb 09 01:37:48 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

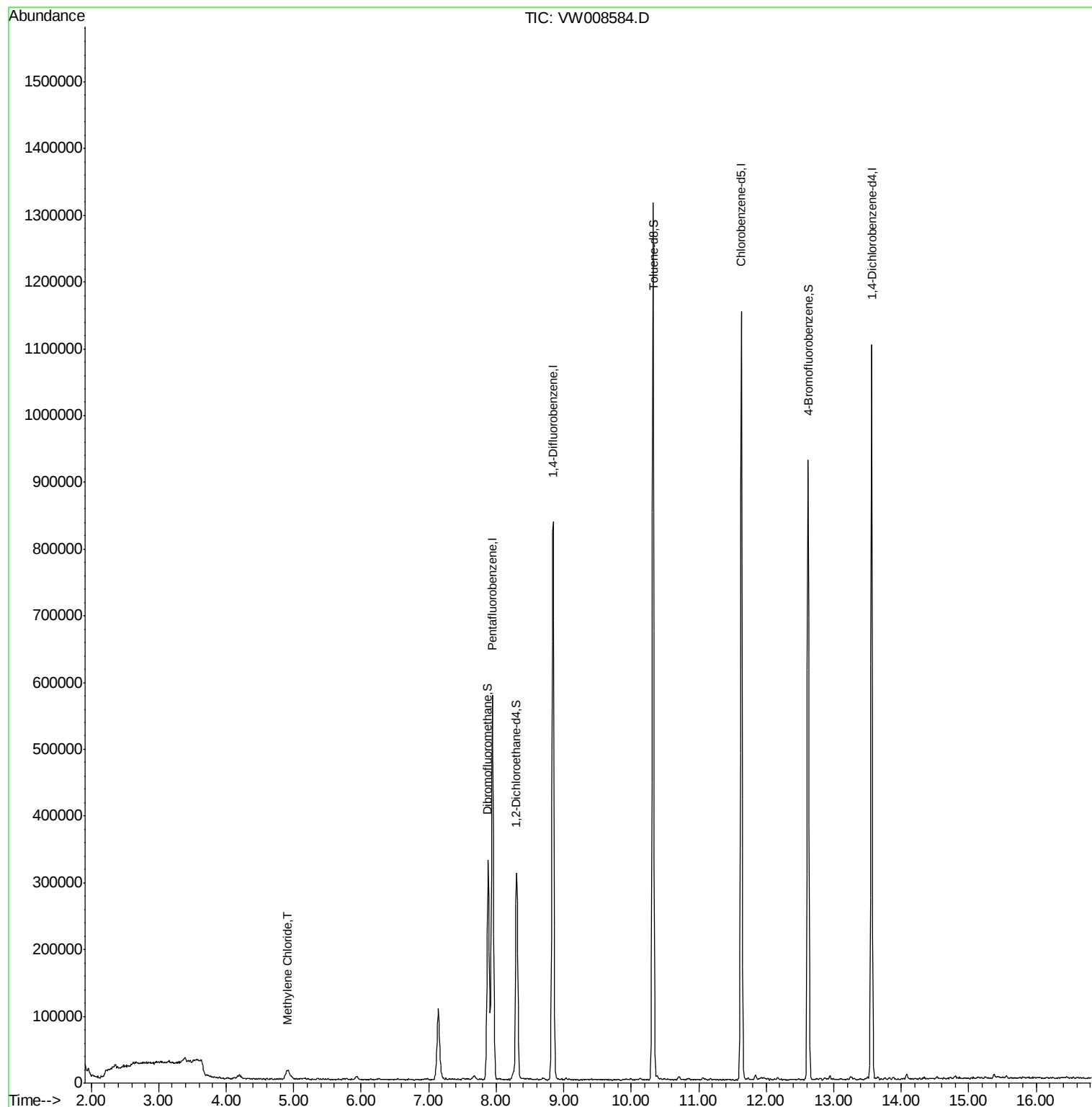
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	439616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	712269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	627171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	281957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	243607	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	224979	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	844398	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	295938	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
20) Methylene Chloride	4.91	84	12107	2.708	ug/l #	Qvalue 90

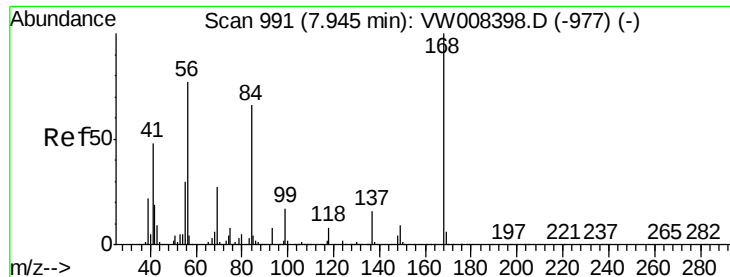
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008584.D

Acq: 08 Feb 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

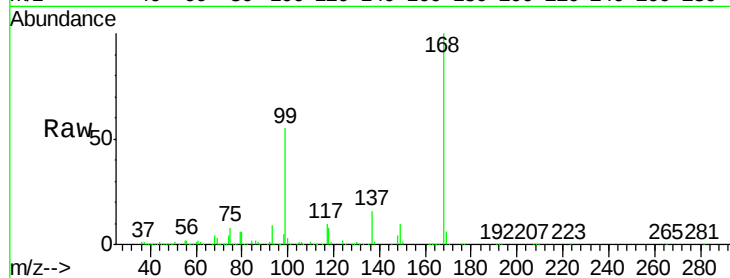
SB-04(0-2)RE

Tot Ion:168 Resp: 439616

Ion Ratio Lower Upper

168 100

99 54.8 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

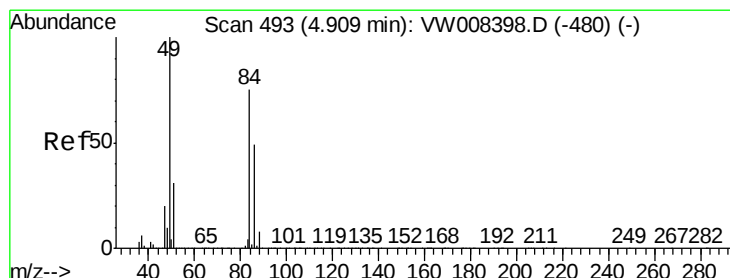
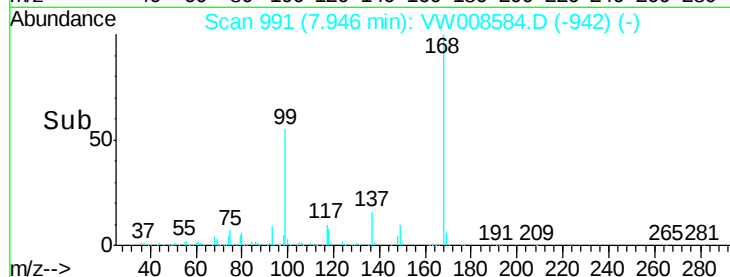
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.708 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008584.D

Acq: 08 Feb 2019 20:33

Tgt Ion: 84 Resp: 12107

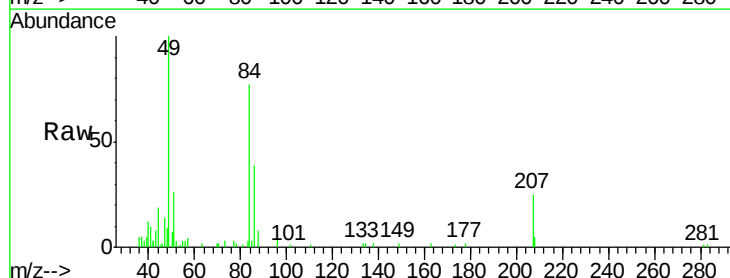
Ion Ratio Lower Upper

84 100

49 127.6 106.8 160.2

51 34.0 32.9 49.3

86 50.2 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

4.91

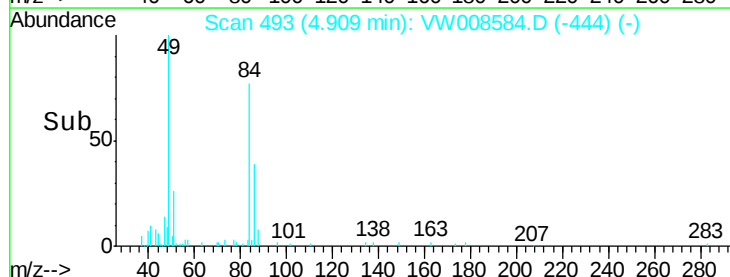
6000

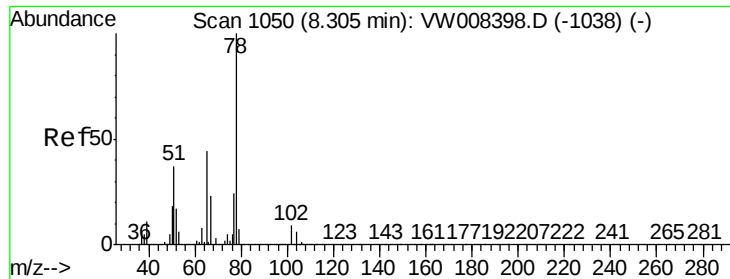
4000

2000

0

Time--> 4.80 4.90 5.00

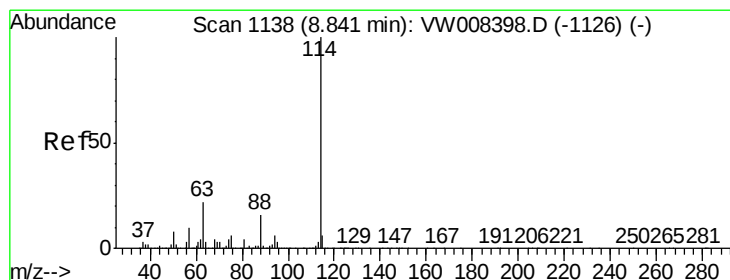
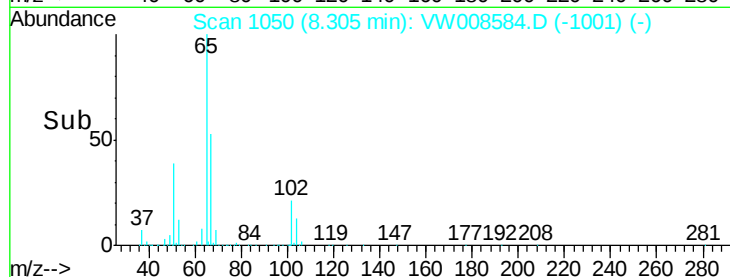
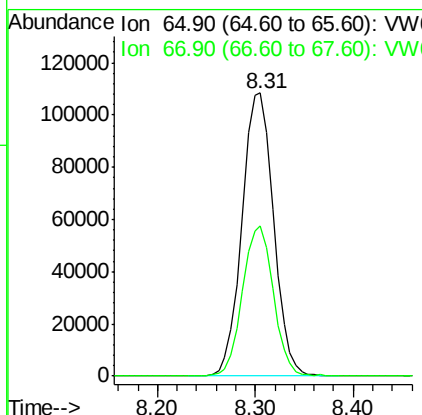
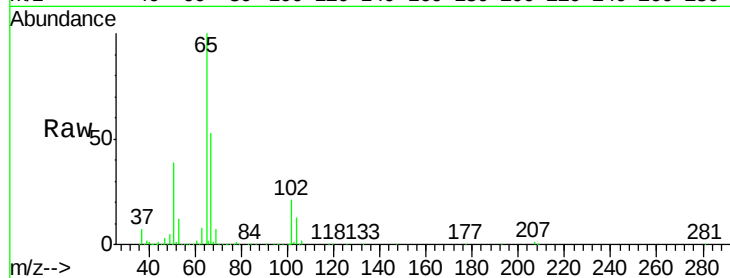




#33
 1,2-Dichloroethane-d4
 Concen: 56.406 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008584.D
 Acq: 08 Feb 2019 20:33

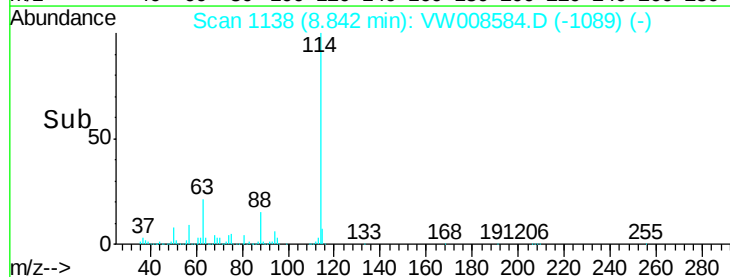
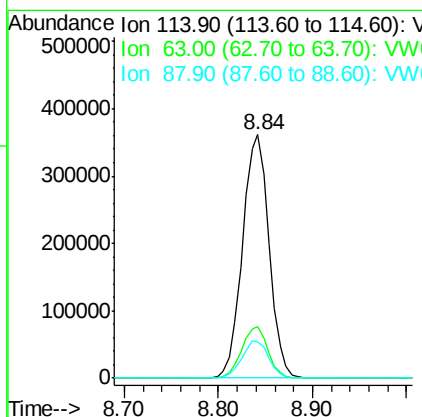
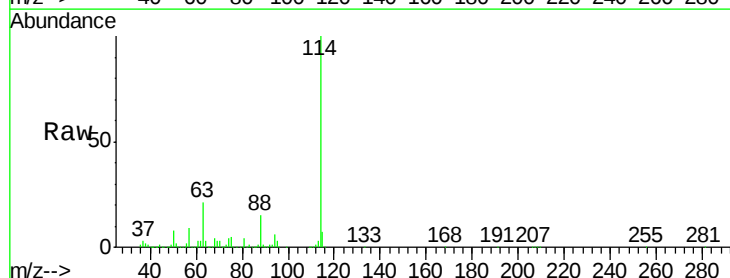
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04(0-2)RE

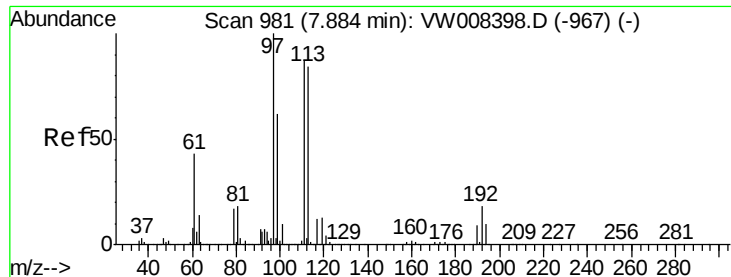
Tot Ion: 65 Resp: 243607
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008584.D
 Acq: 08 Feb 2019 20:33

Tgt Ion: 114 Resp: 712269
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.6
 88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.018 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008584.D

Acq: 08 Feb 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

SB-04(0-2)RE

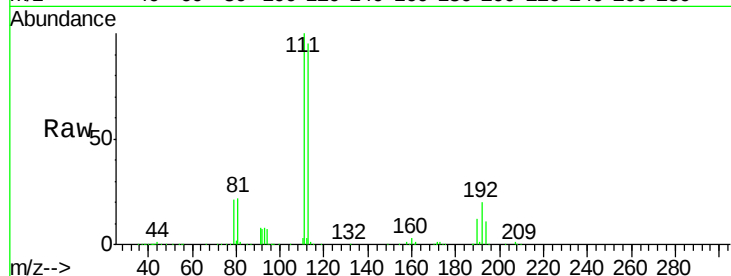
Tot Ion:113 Resp: 224979

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

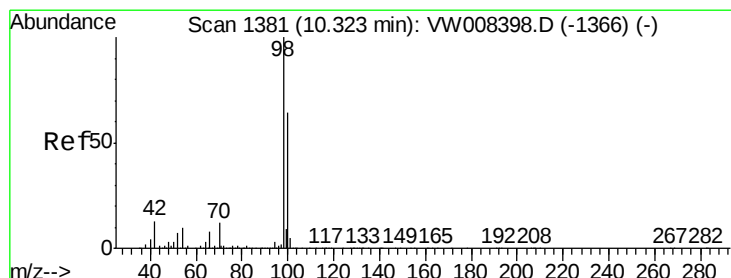
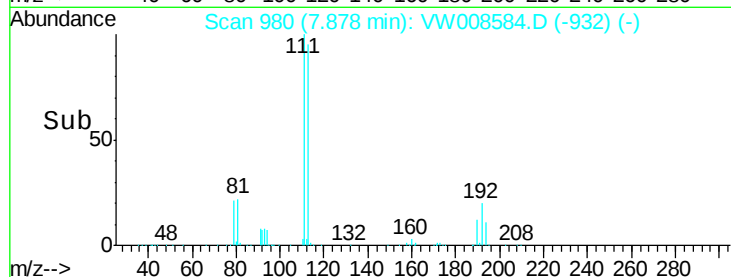
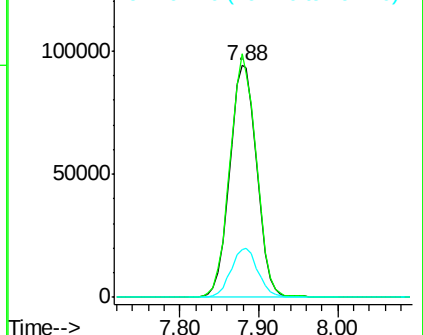
192 21.0 16.8 25.2



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: 50.559 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008584.D

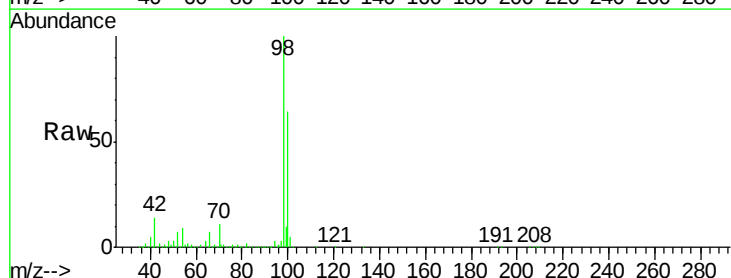
Acq: 08 Feb 2019 20:33

Tgt Ion: 98 Resp: 844398

Ion Ratio Lower Upper

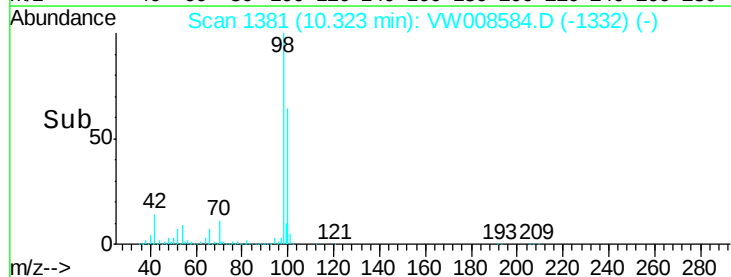
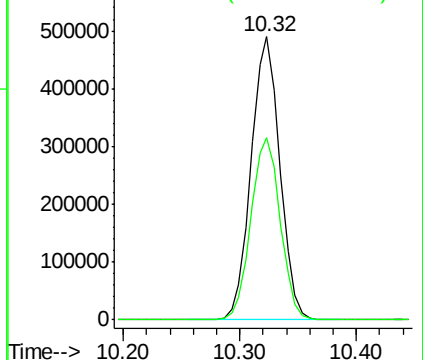
98 100

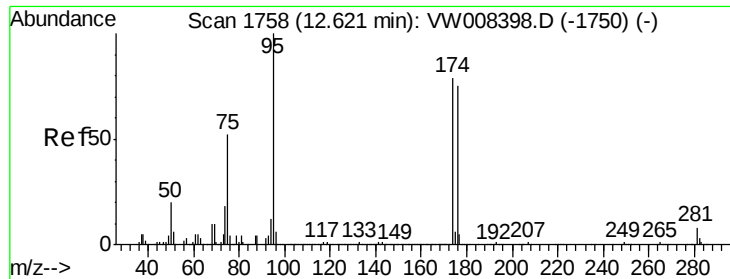
100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

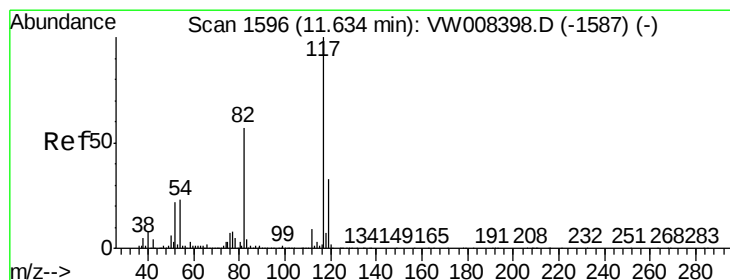
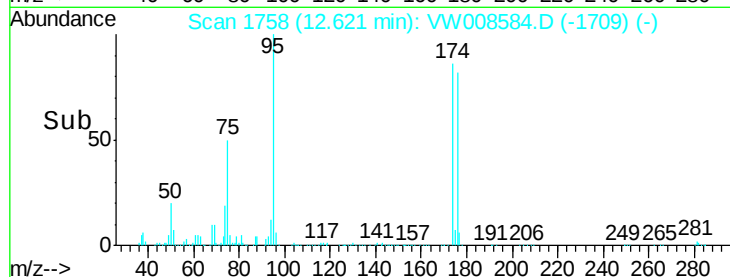
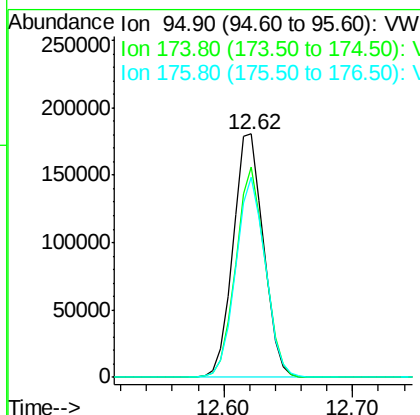
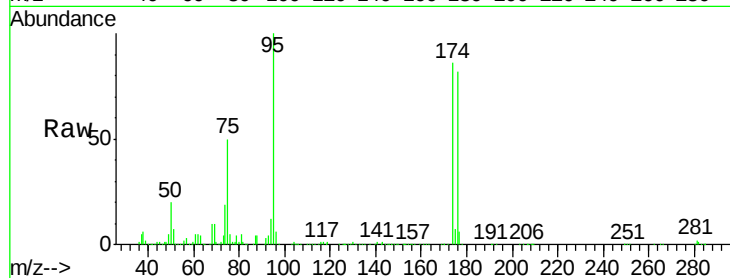




#62
4-Bromofluorobenzene
Concen: 46.098 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008584.D
Acq: 08 Feb 2019 20:33

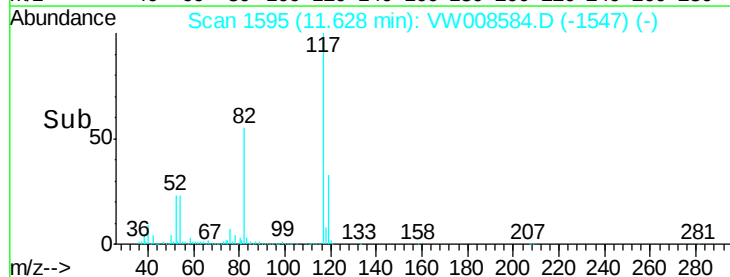
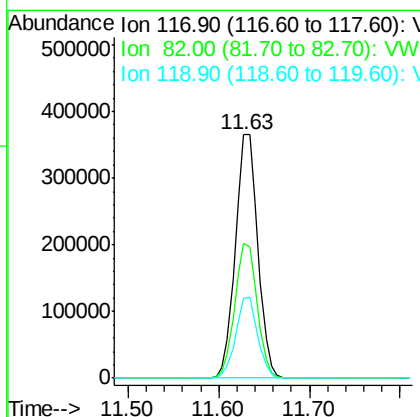
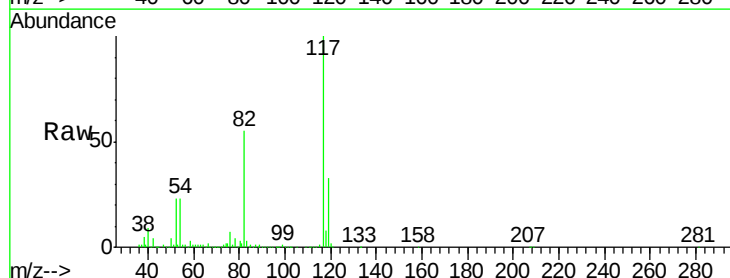
Instrument :
MSVOA_W
ClientSampleId :
SB-04(0-2)RE

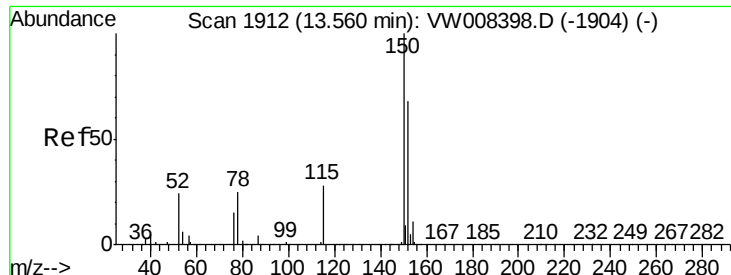
Tot Ion	95	Resp	295938
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	157.6
176	79.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008584.D
Acq: 08 Feb 2019 20:33

Tgt Ion	117	Resp	627171
Ion Ratio	Lower	Upper	
117	100		
82	55.4	45.4	68.0
119	32.6	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008584.D

Acq: 08 Feb 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

SB-04(0-2)RE

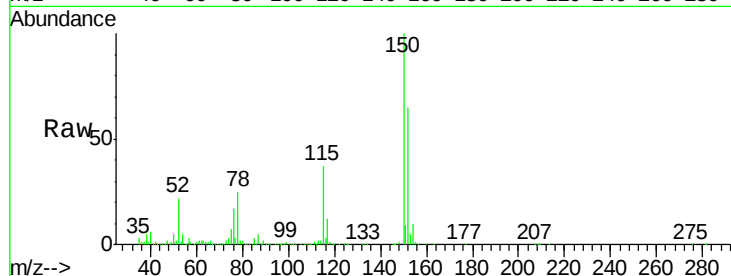
Tot Ion:152 Resp: 281957

Ion Ratio Lower Upper

152 100

115 57.0 29.9 89.7

150 154.9 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

