

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008484.D
 Acq On : 01 Feb 2019 16:23
 Operator : SY/VA
 Sample : K1297-04
 Misc : 4.20G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01-30-19

Quant Time: Feb 02 02:03:14 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

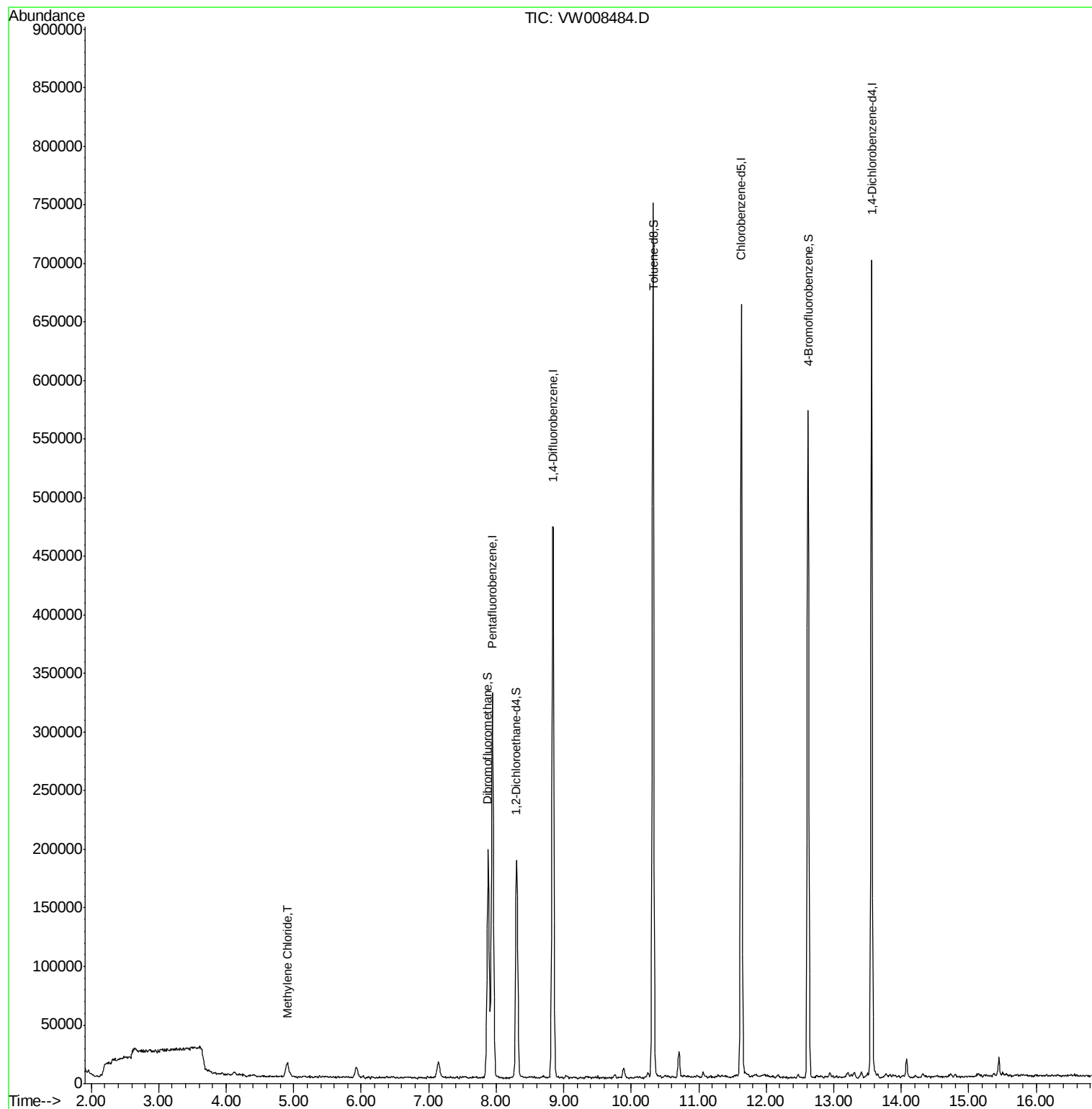
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145292	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	
35) Dibromofluoromethane	7.88	113	131350	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
50) Toluene-d8	10.32	98	488939	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	181452	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
Target Compounds						
20) Methylene Chloride	4.91	84	8984	3.389	ug/l	Qvalue 83

(#) = 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: VW008484.D

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Instrument :

MSVOA_W

ClientSampleId :

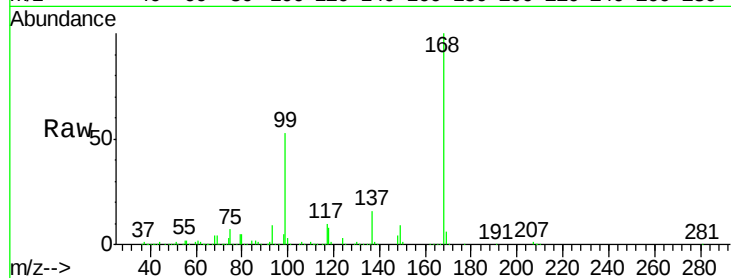
DUP-01-30-19

Tot Ion:168 Resp: 260734

Ion Ratio Lower Upper

168 100

99 53.4 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

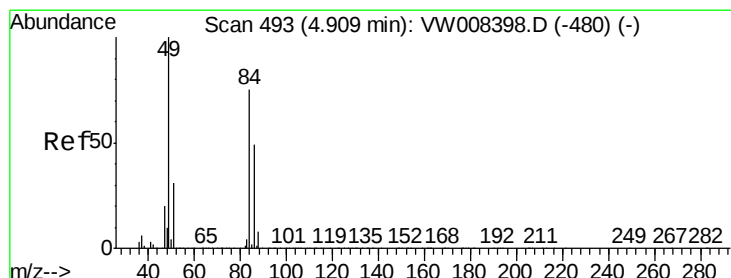
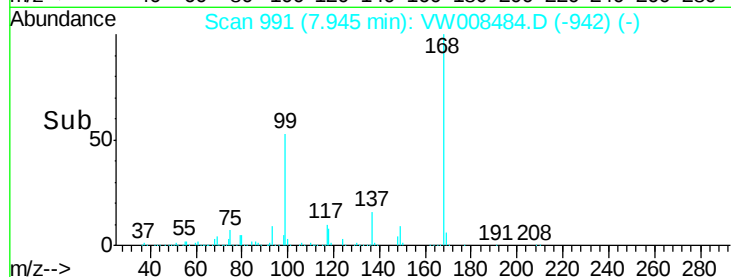
100000

50000

0

Time-->

7.90 8.00



#20

Methylene Chloride

Concen: 3.389 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008484.D

Acq: 01 Feb 2019 16:23

Tgt Ion: 84 Resp: 8984

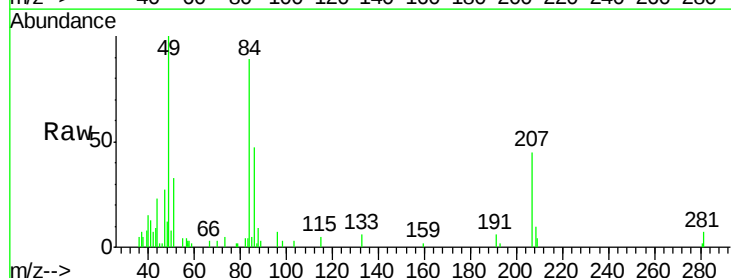
Ion Ratio Lower Upper

84 100

49 110.2 106.8 160.2

51 33.8 32.9 49.3

86 52.8 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

5000

4000

3000

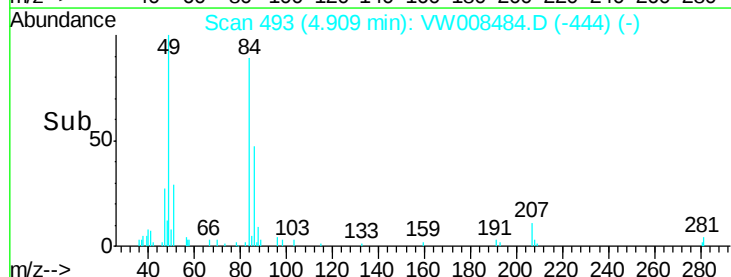
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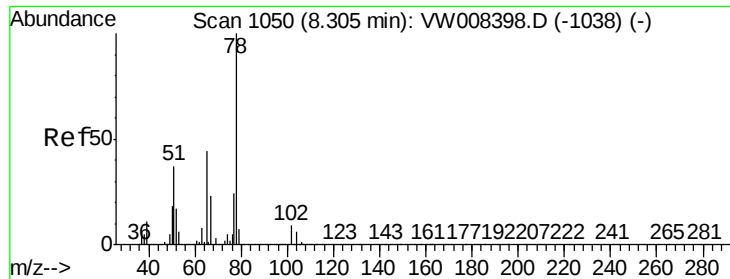
1000

0

Time-->

4.80 4.90 5.00

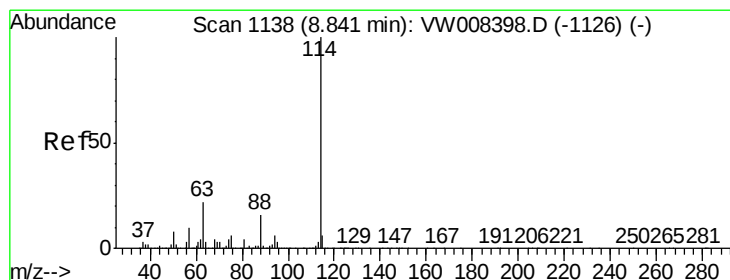
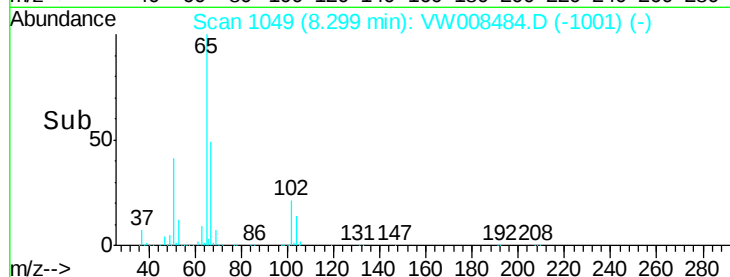
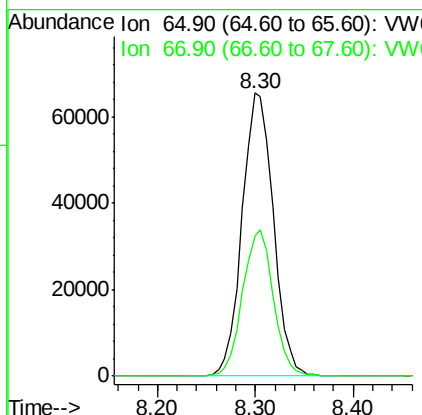
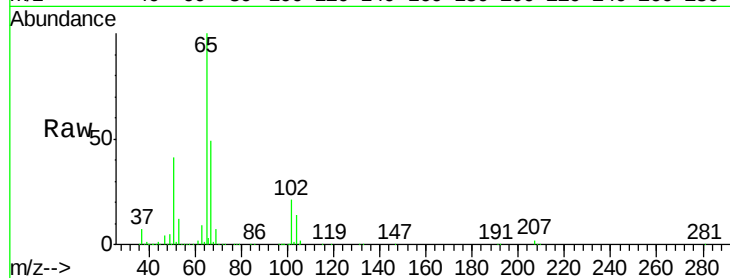




#33
 1,2-Dichloroethane-d4
 Concen: 56.722 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008484.D
 Acq: 01 Feb 2019 16:23

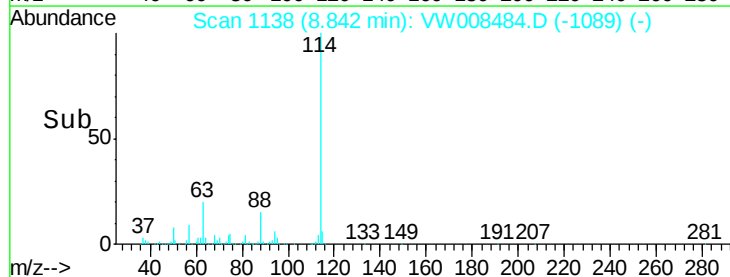
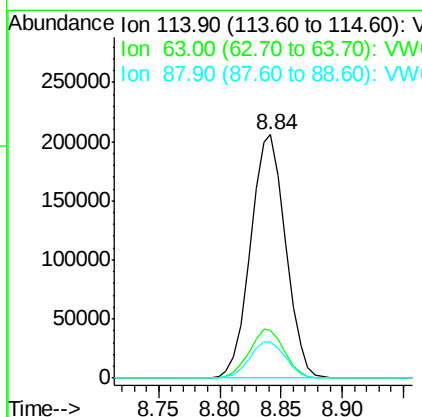
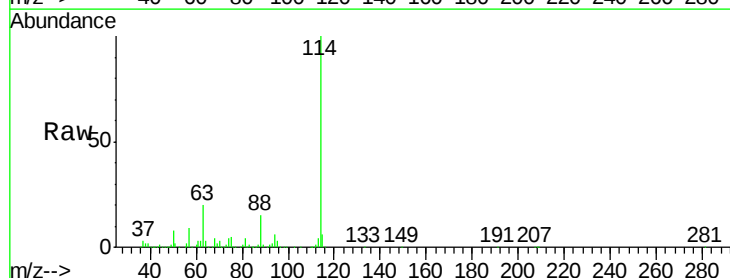
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01-30-19

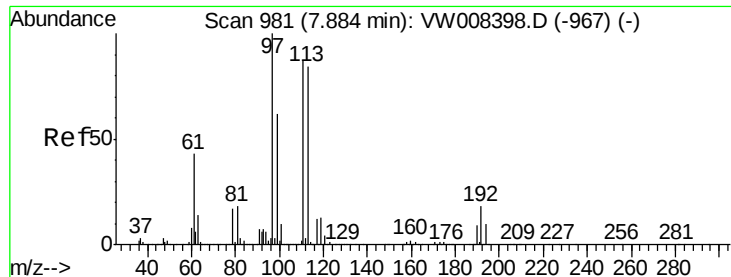
Tot Ion: 65 Resp: 145292
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008484.D
 Acq: 01 Feb 2019 16:23

Tgt Ion: 114 Resp: 410403
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 15.0 0.0 31.8

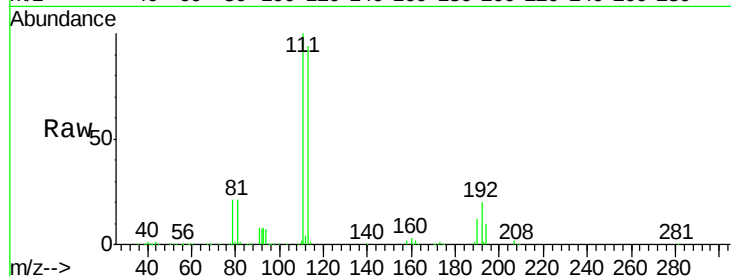




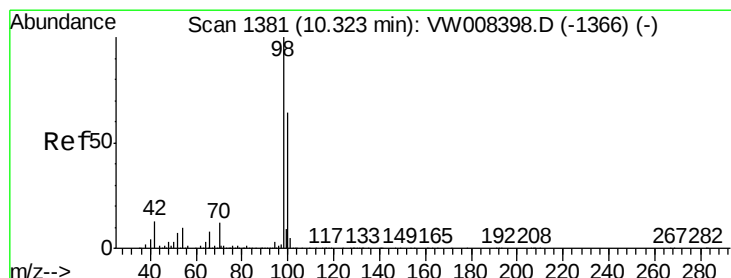
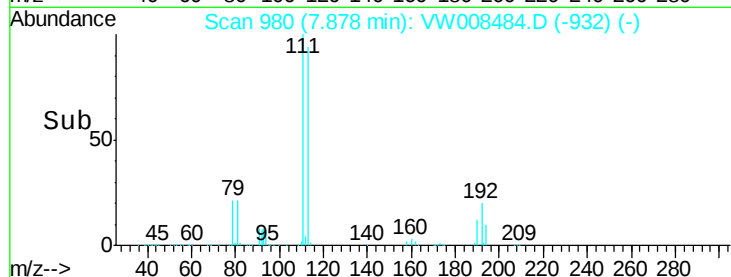
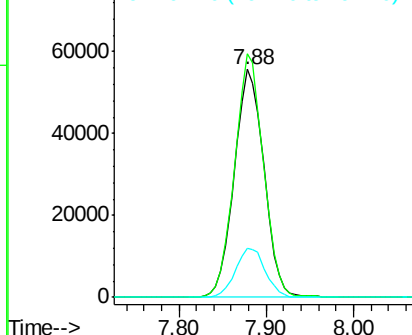
#35
 Dibromofluoromethane
 Concen: 54.734 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008484.D
 Acq: 01 Feb 2019 16:23

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-01-30-19

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.0	121.4
192	21.7	16.8	25.2

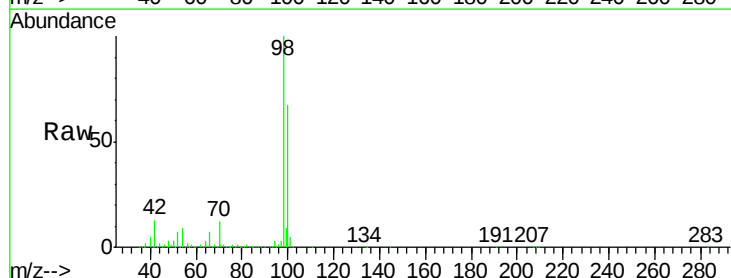


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

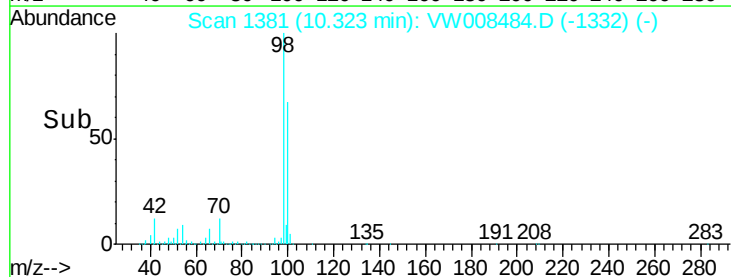
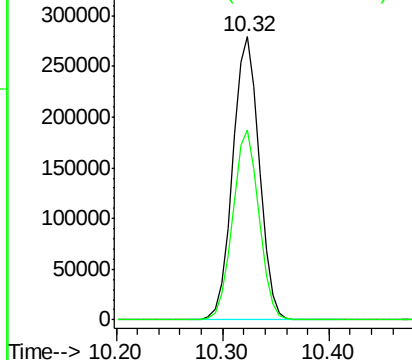


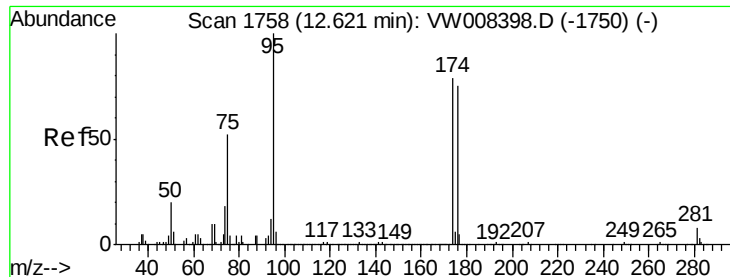
#50
 Toluene-d8
 Concen: 50.809 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008484.D
 Acq: 01 Feb 2019 16:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

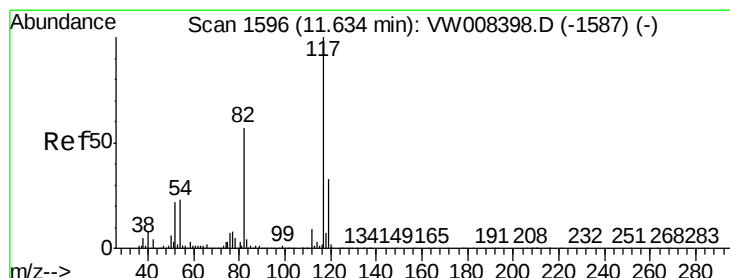
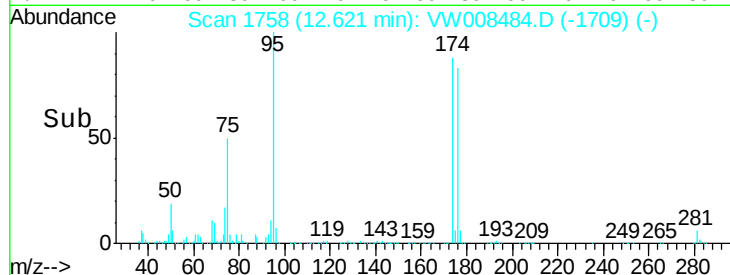
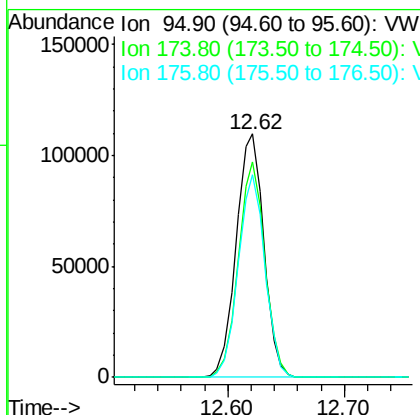
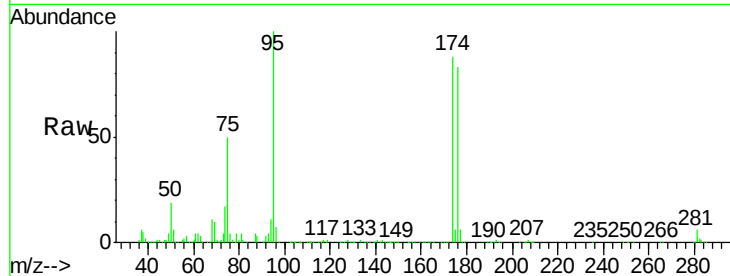




#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008484.D
Acq: 01 Feb 2019 16:23

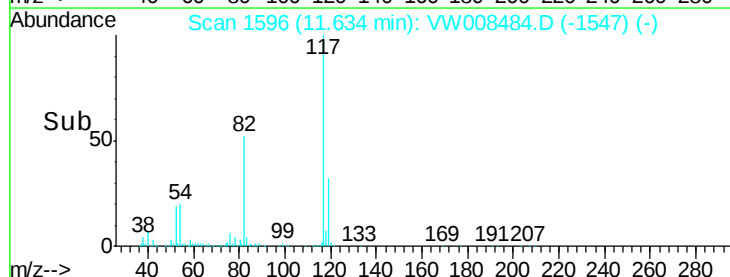
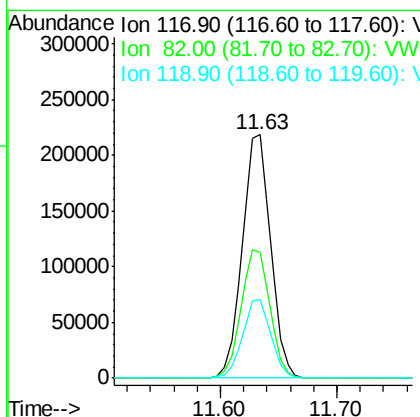
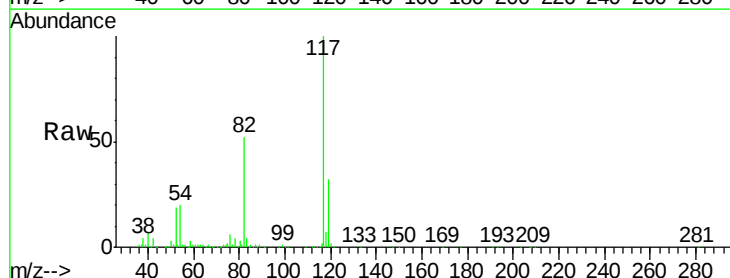
Instrument :
MSVOA_W
ClientSampleId :
DUP-01-30-19

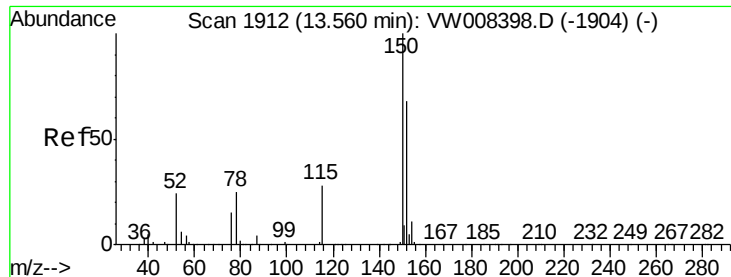
Tot Ion: 95 Resp: 181452
Ion Ratio Lower Upper
95 100
174 85.0 0.0 157.6
176 80.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008484.D
Acq: 01 Feb 2019 16:23

Tgt Ion: 117 Resp: 372772
Ion Ratio Lower Upper
117 100
82 51.6 45.4 68.0
119 32.3 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: VW008484.D

Acq: 01 Feb 2019 16:23

Instrument :

MSVOA_W

ClientSampleId :

DUP-01-30-19

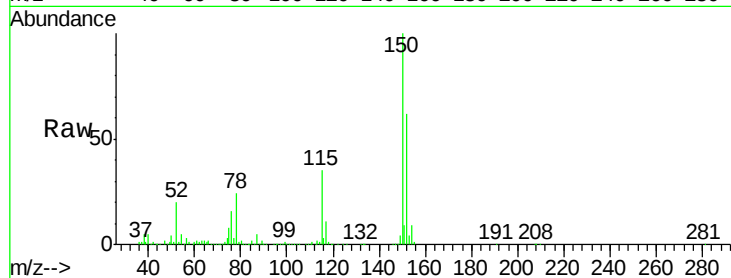
Tot Ion:152 Resp: 181854

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

150 157.5 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

