

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007428.D
 Acq On : 12 Dec 2018 07:23
 Operator : SY/AP
 Sample : J6322-04
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-6-G-4-120718

Quant Time: Dec 12 11:19:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

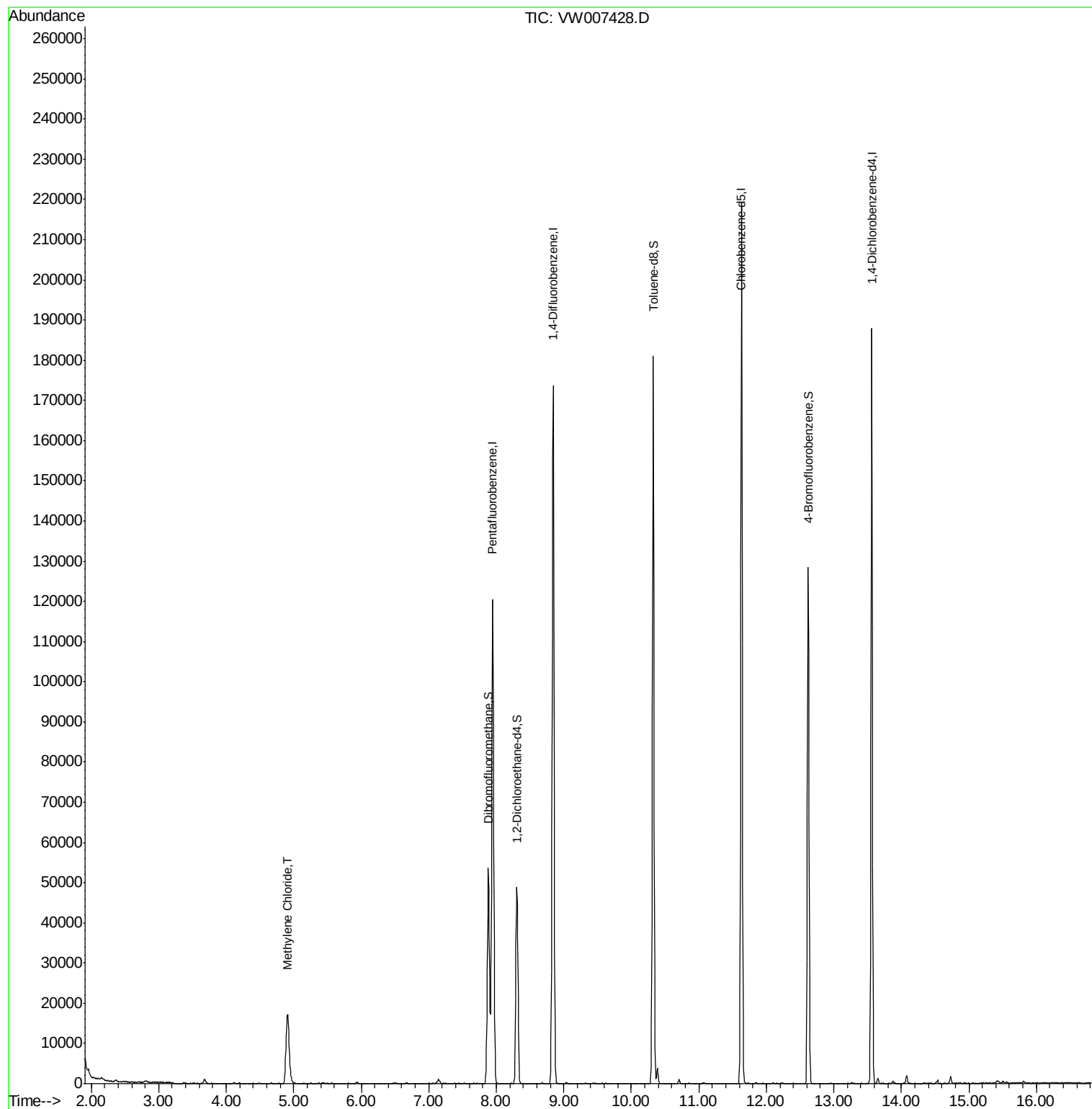
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	41727	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	
35) Dibromofluoromethane	7.88	113	37916	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
50) Toluene-d8	10.32	98	122665	36.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.52%	
62) 4-Bromofluorobenzene	12.62	95	44027	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	14540	12.745	ug/l	Qvalue 97

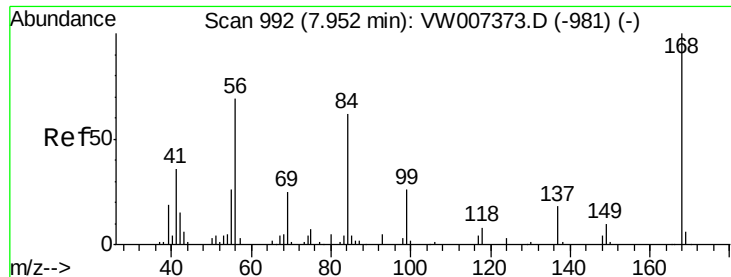
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

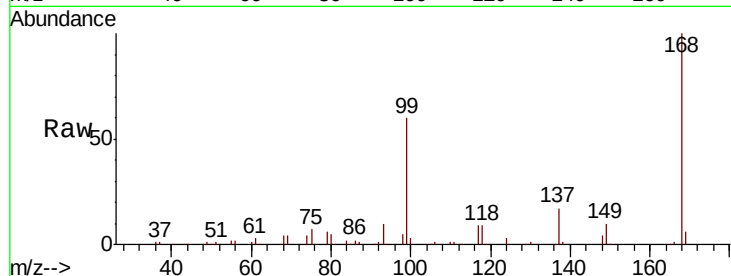
SUP-6-G-4-120718

Tot Ion:168 Resp: 87591

Ion Ratio Lower Upper

168 100

99 59.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

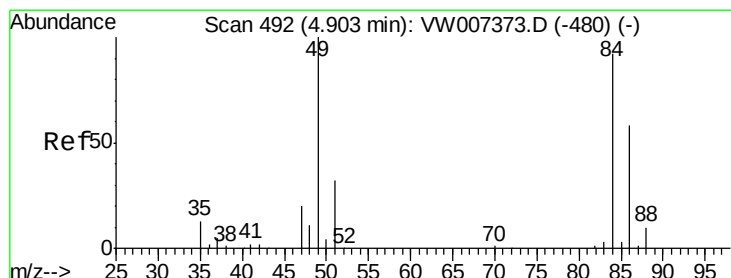
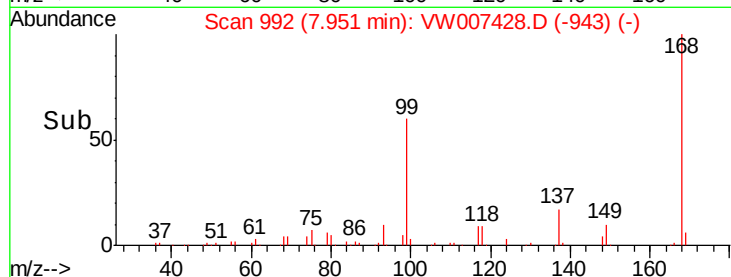
10000

0

Time-->

7.90

8.00



#20

Methylene Chloride

Concen: 12.745 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Tgt Ion: 84 Resp: 14540

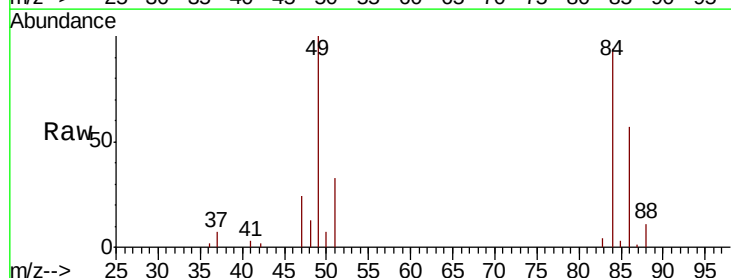
Ion Ratio Lower Upper

84 100

49 105.9 87.1 130.7

51 34.4 28.2 42.2

86 60.3 50.8 76.2



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

6000

4000

2000

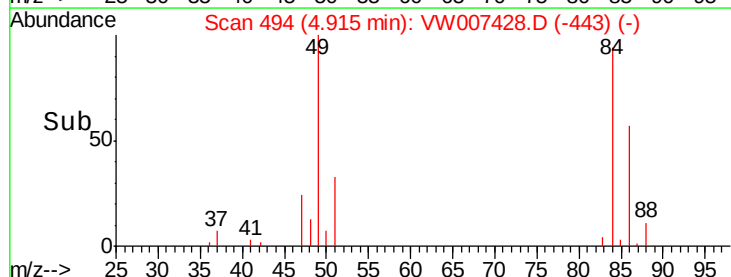
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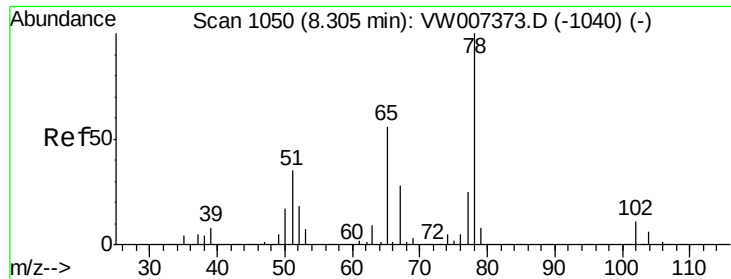
Time-->

4.80

4.90

5.00

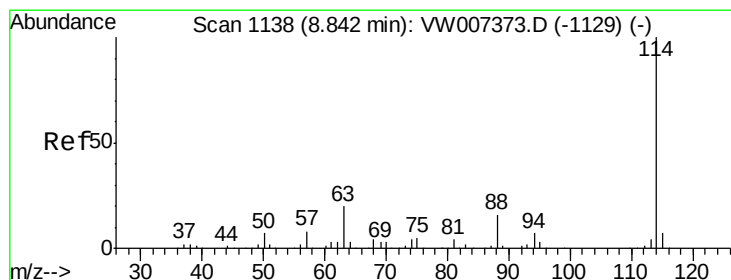
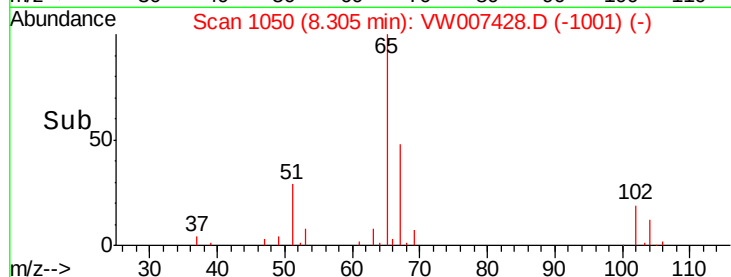
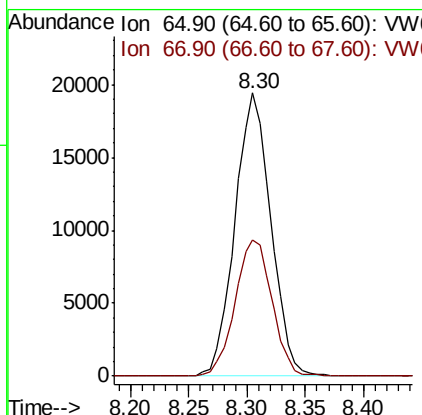
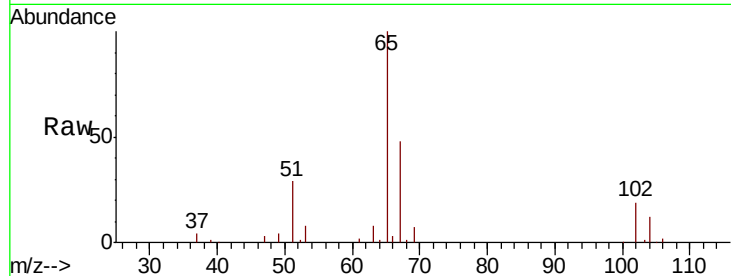




#33
 1,2-Dichloroethane-d4
 Concen: 42.940 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

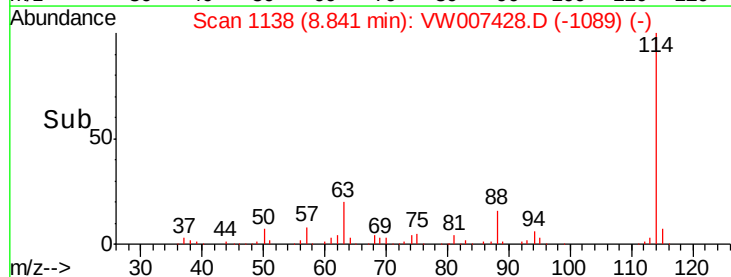
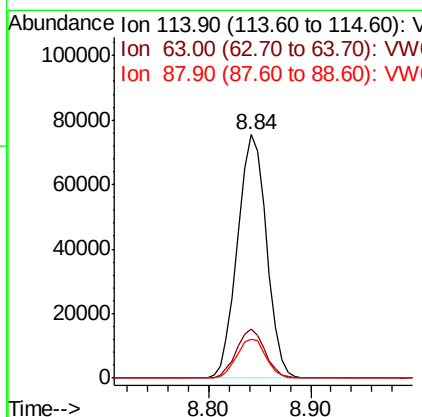
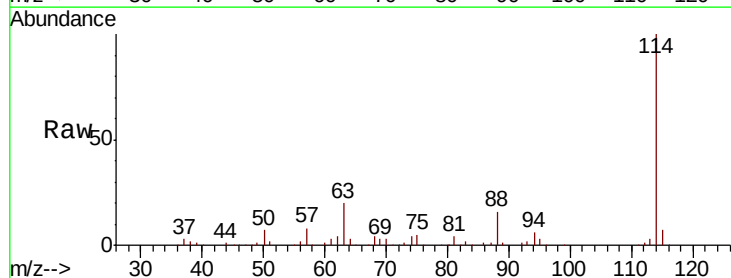
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 SUP-6-G-4-120718

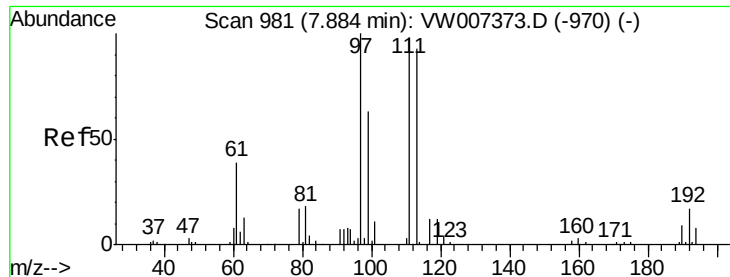
Tot Ion: 65 Resp: 41727
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

Tgt Ion: 114 Resp: 149066
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.7 0.0 31.4

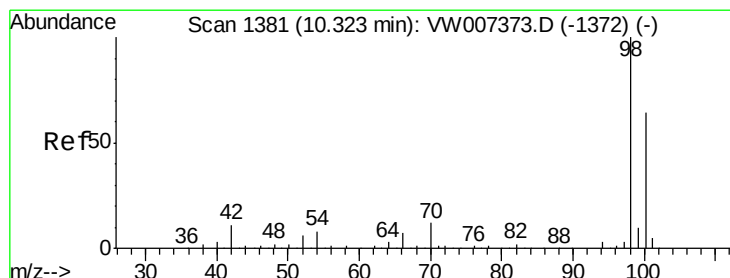
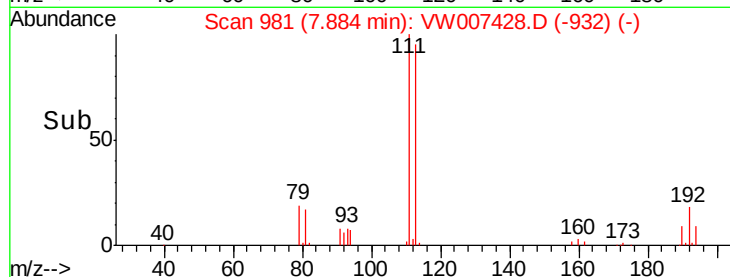
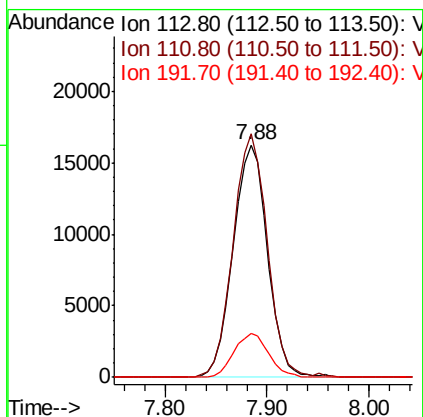
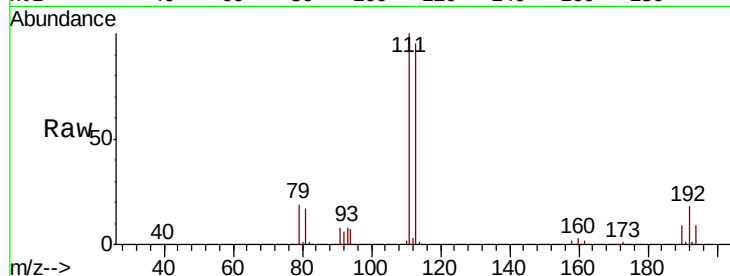




#35
Dibromofluoromethane
Concen: 42.019 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

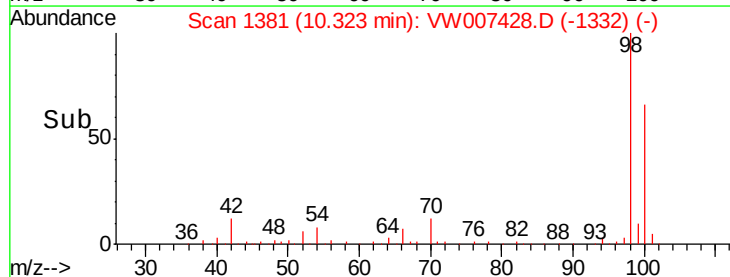
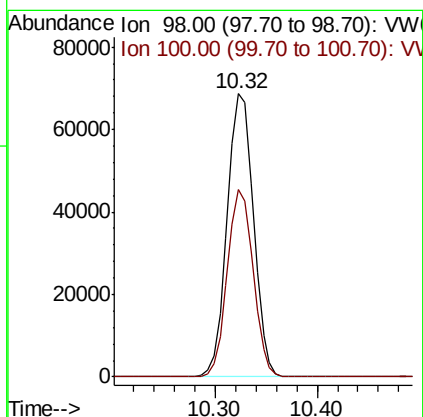
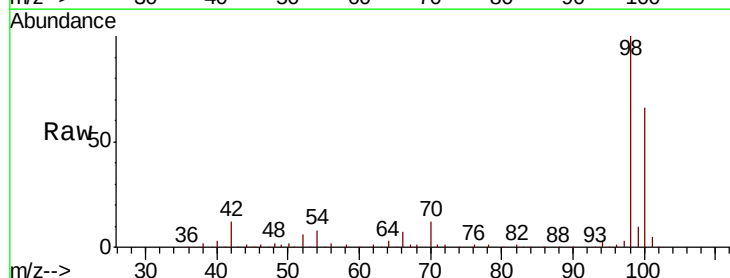
Instrument :
MSVOA_W
ClientSampleId :
SUP-6-G-4-120718

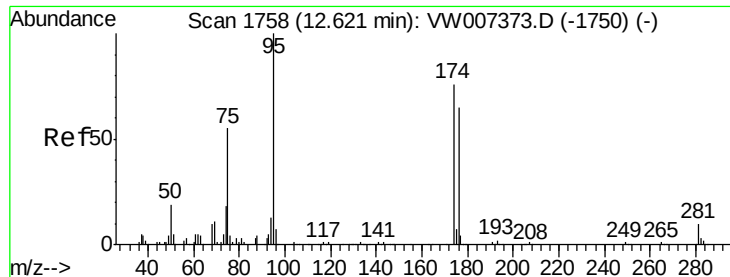
Tot Ion:113 Resp: 37916
Ion Ratio Lower Upper
113 100
111 104.0 81.1 121.7
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 36.256 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

Tgt Ion: 98 Resp: 122665
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8

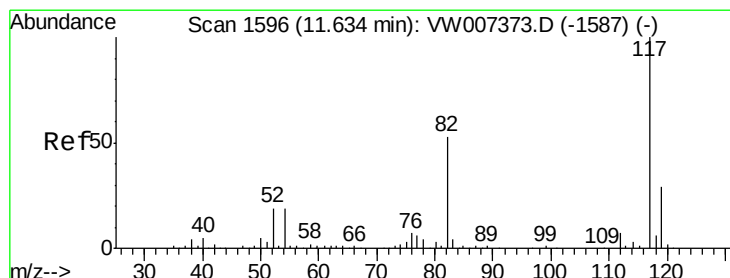
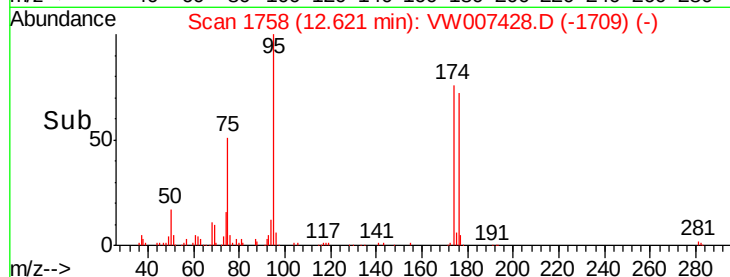
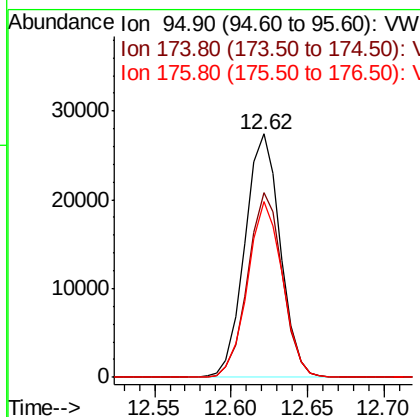
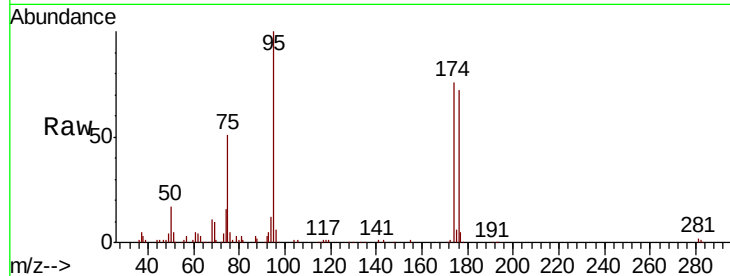




#62
4-Bromofluorobenzene
Concen: 35.393 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

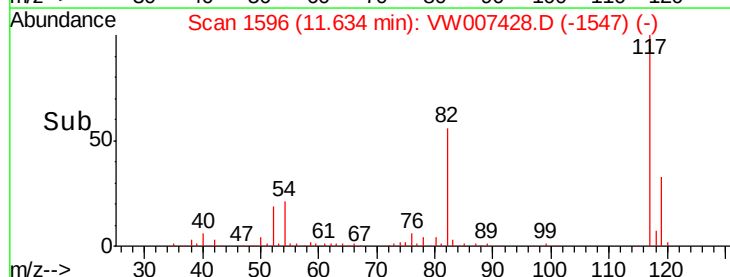
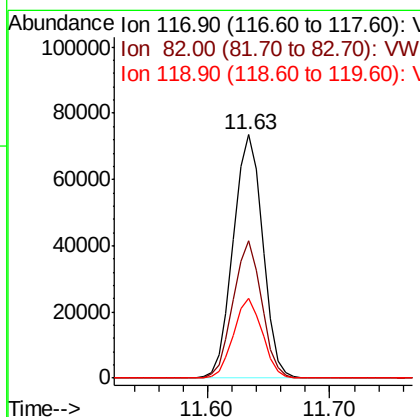
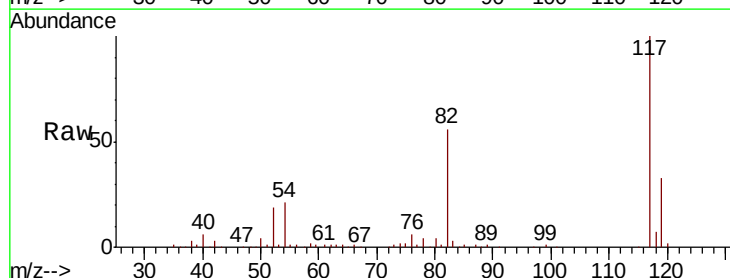
Instrument :
MSVOA_W
ClientSampleId :
SUP-6-G-4-120718

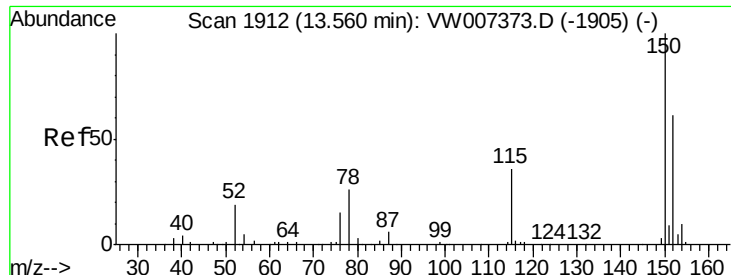
Tot Ion: 95 Resp: 44027
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.2
176 71.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

Tgt Ion: 117 Resp: 122338
Ion Ratio Lower Upper
117 100
82 56.2 42.3 63.5
119 32.8 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

SUP-6-G-4-120718

Tot Ion:152 Resp: 48557

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

150 157.7 0.0 358.4

