

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007034.D
 Acq On : 22 Nov 2018 07:59
 Operator : VAY/AP
 Sample : J6028-02
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-2

Quant Time: Nov 23 00:03:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

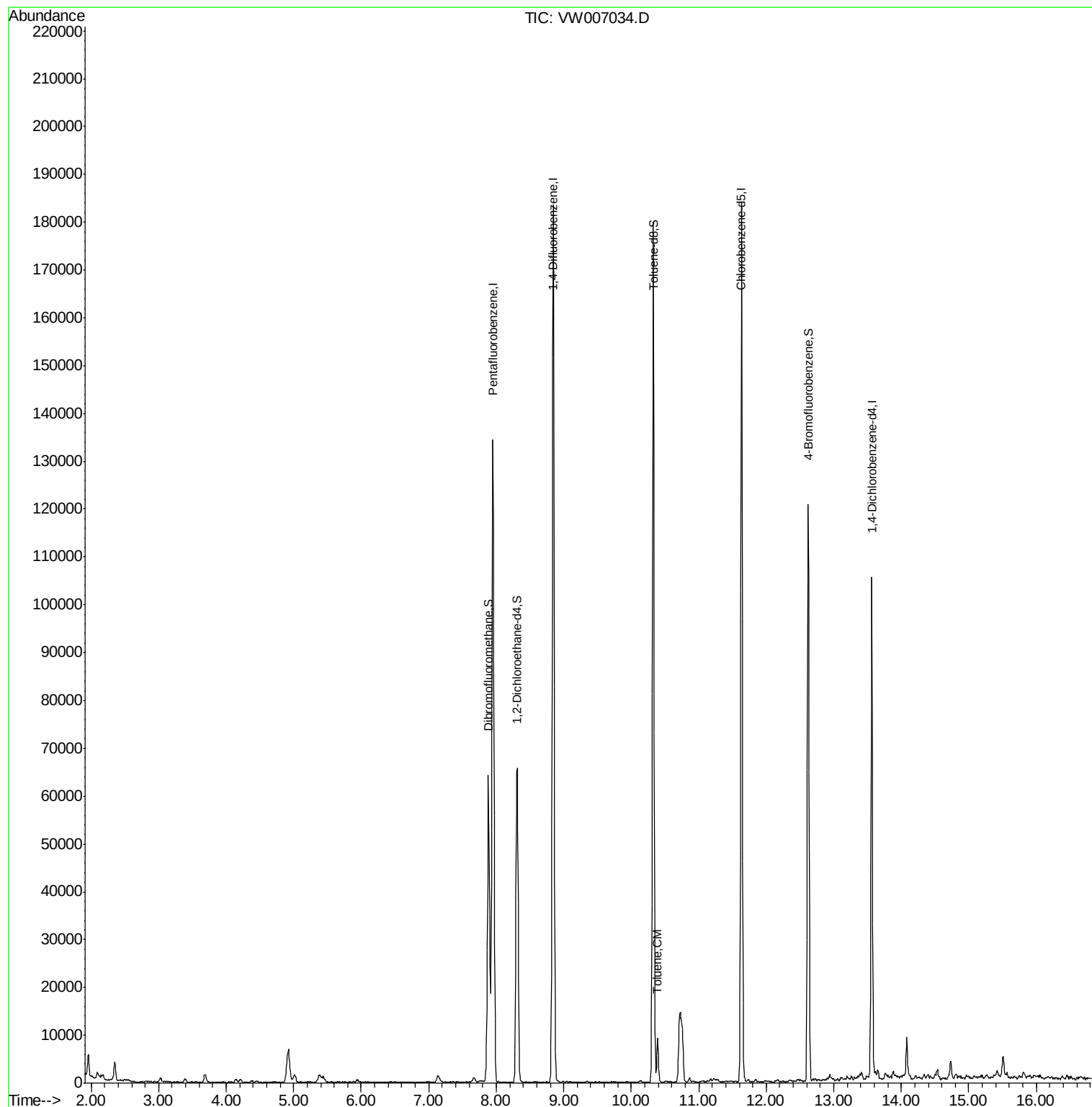
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53440	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	46204	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.33	98	123574	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
62) 4-Bromofluorobenzene	12.62	95	40160	25.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.74%	
Target Compounds						
52) Toluene	10.39	92	4385	1.544	ug/l	Qvalue 98

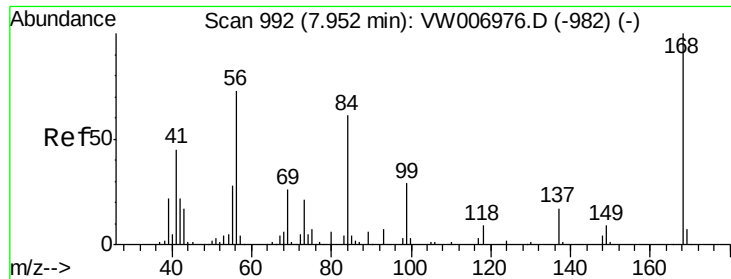
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

ClientSampled :

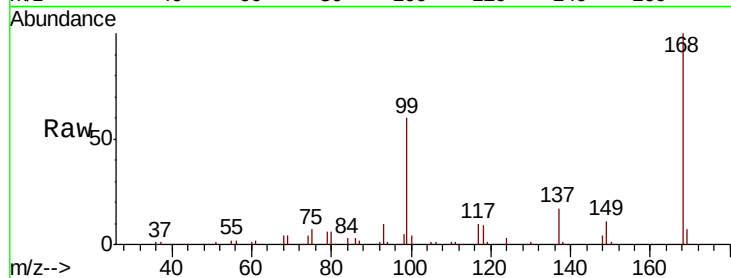
VOC-2

Tot Ion:168 Resp: 100221

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

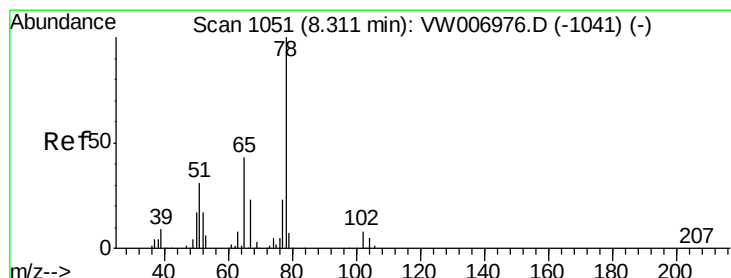
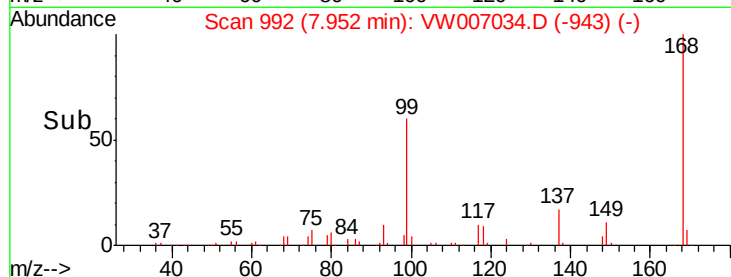
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.465 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007034.D

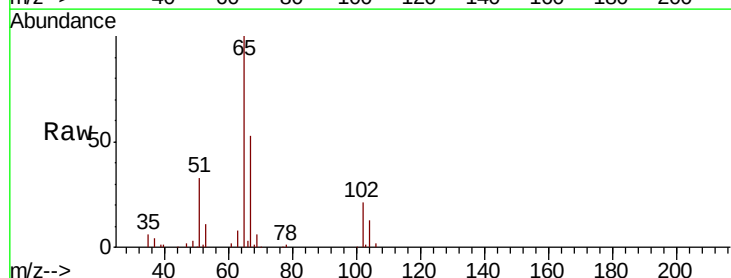
Acq: 22 Nov 2018 07:59

Tgt Ion: 65 Resp: 53440

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

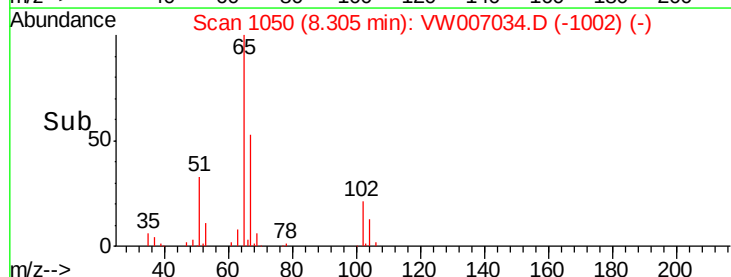
10000

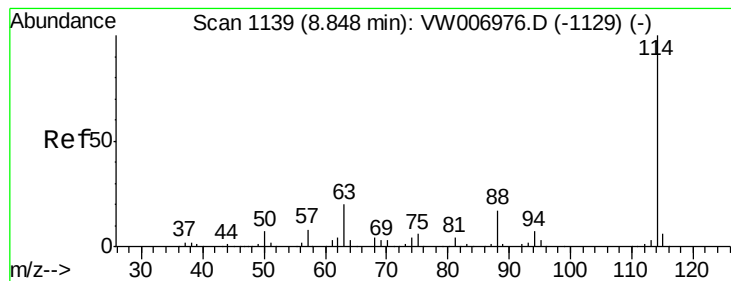
5000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

ClientSampled :

VOC-2

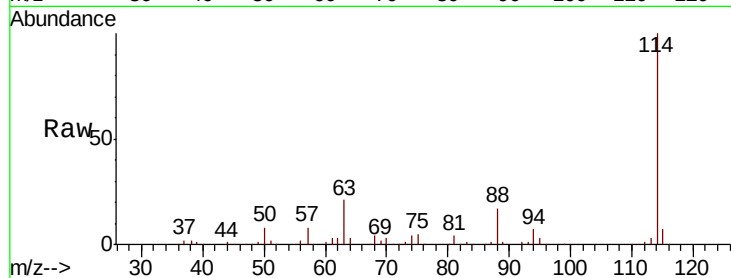
Tot Ion:114 Resp: 158212

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

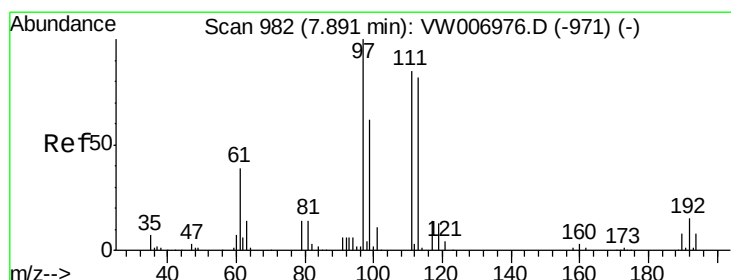
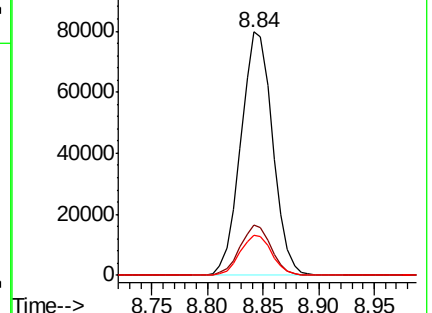
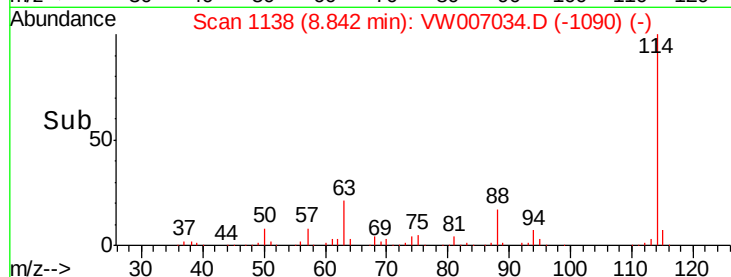
88 16.6 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.713 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

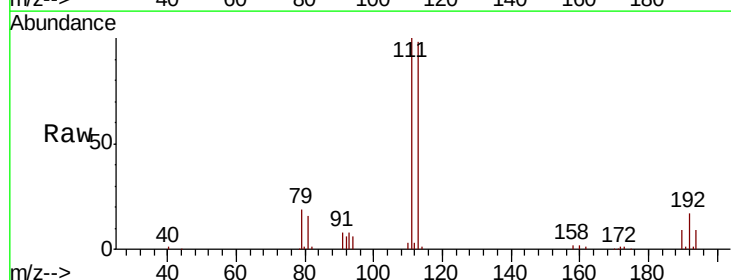
Tgt Ion:113 Resp: 46204

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

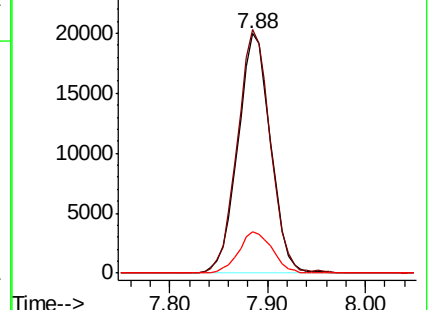
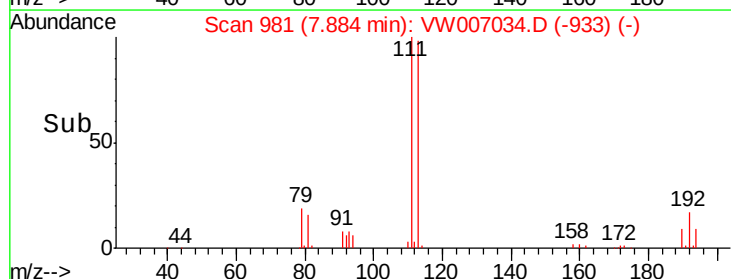
192 17.9 15.0 22.6

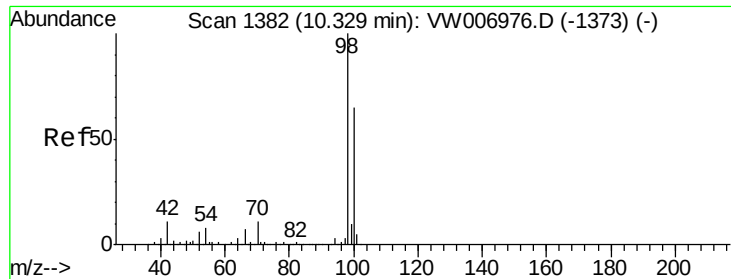


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

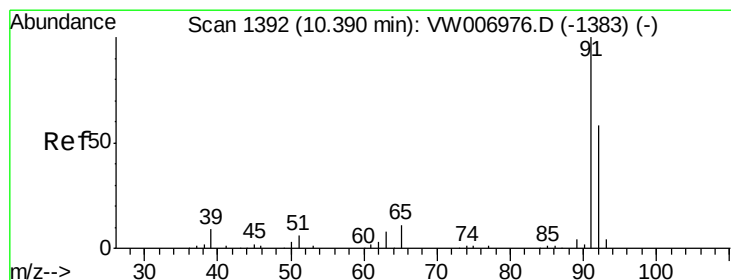
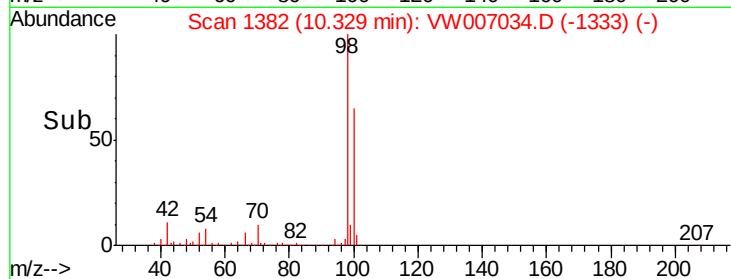
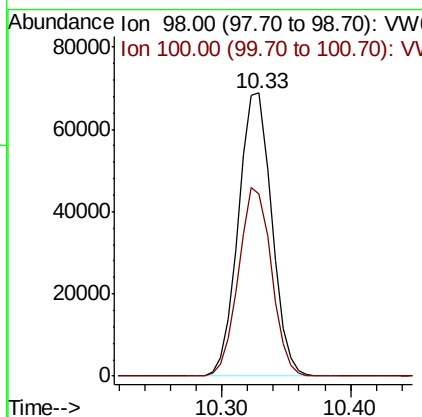
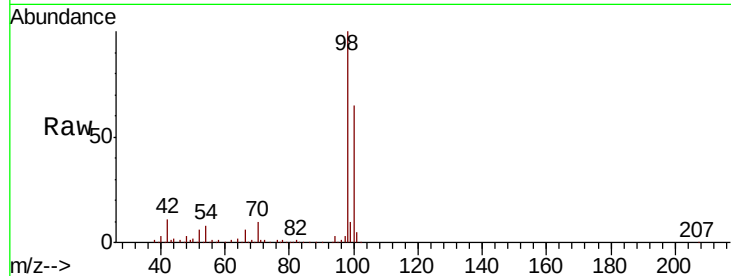




#50
Toluene-d8
Concen: 31.321 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

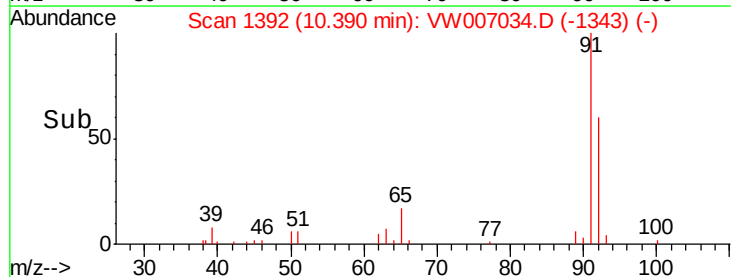
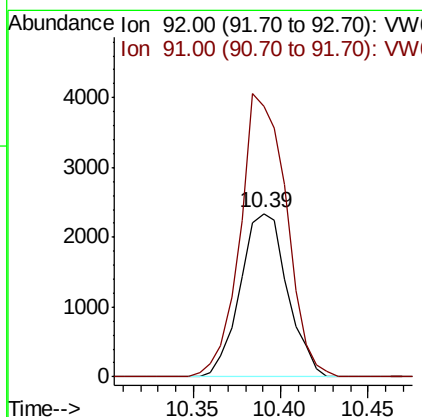
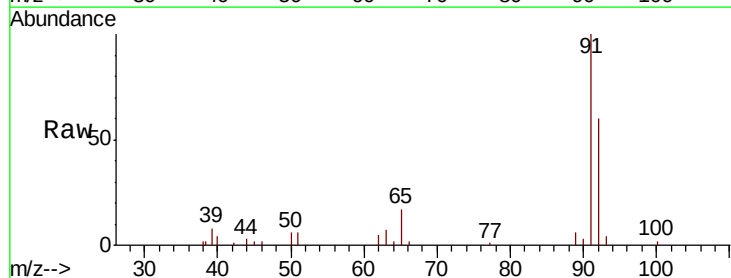
Instrument :
MSVOA_W
ClientSampleId :
VOC-2

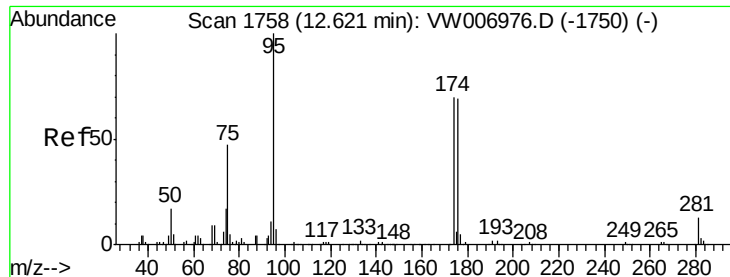
Tot Ion: 98 Resp: 123574
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#52
Toluene
Concen: 1.544 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

Tgt Ion: 92 Resp: 4385
Ion Ratio Lower Upper
92 100
91 169.5 137.3 205.9

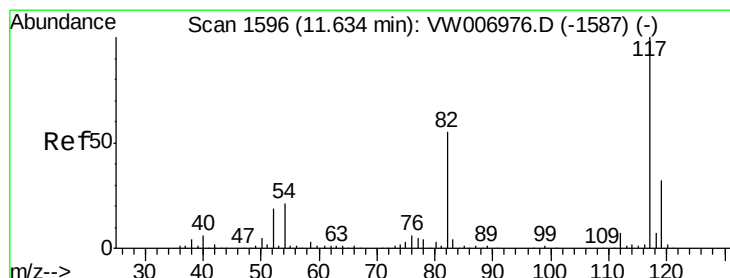
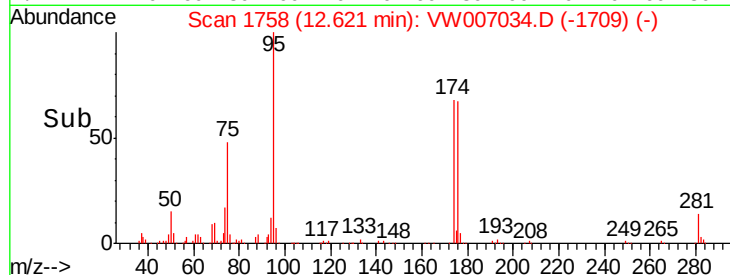
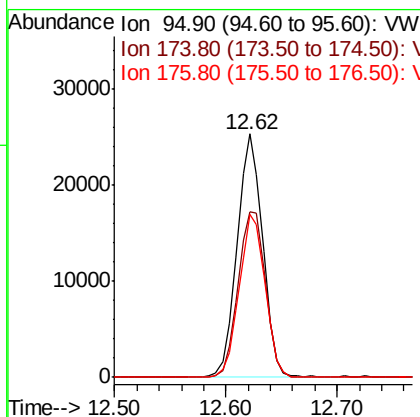
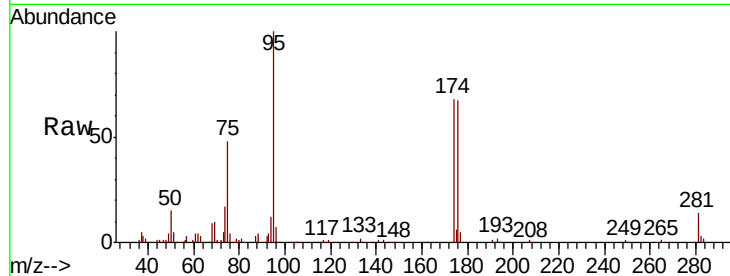




#62
4-Bromofluorobenzene
Concen: 25.867 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

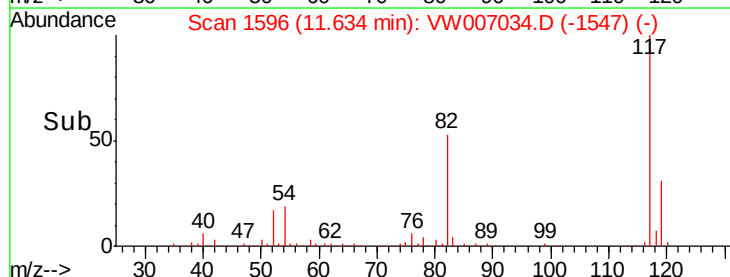
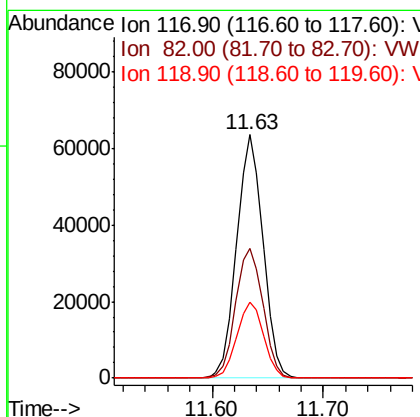
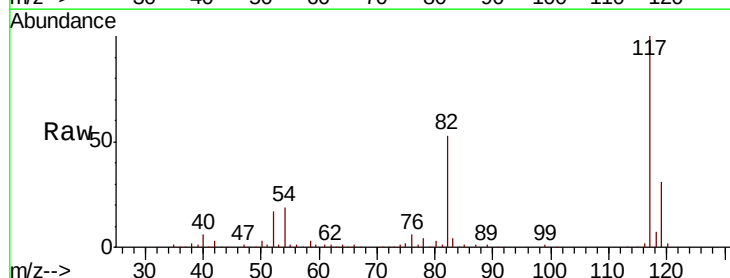
Instrument :
MSVOA_W
ClientSampleId :
VOC-2

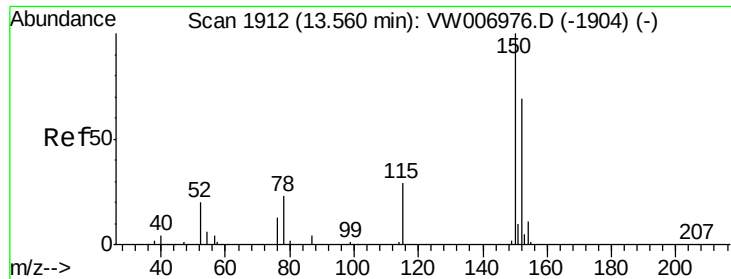
Tot Ion: 95 Resp: 40160
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.6
176 68.1 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007034.D
Acq: 22 Nov 2018 07:59

Tgt Ion: 117 Resp: 104182
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007034.D

Acq: 22 Nov 2018 07:59

Instrument :

MSVOA_W

ClientSampleId :

VOC-2

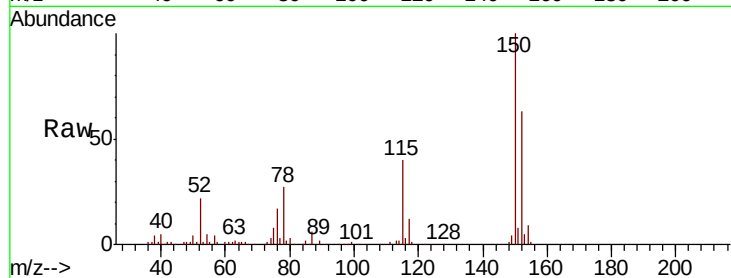
Tot Ion:152 Resp: 27131

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.2

150 157.2 0.0 353.4



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

