

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015232.D
 Acq On : 20 Apr 2020 19:16
 Operator : SY/VA
 Sample : L2348-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC

Quant Time: Apr 21 07:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119056	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	87599	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.89	113	90335	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.32	98	378038	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	123546	43.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.04%	

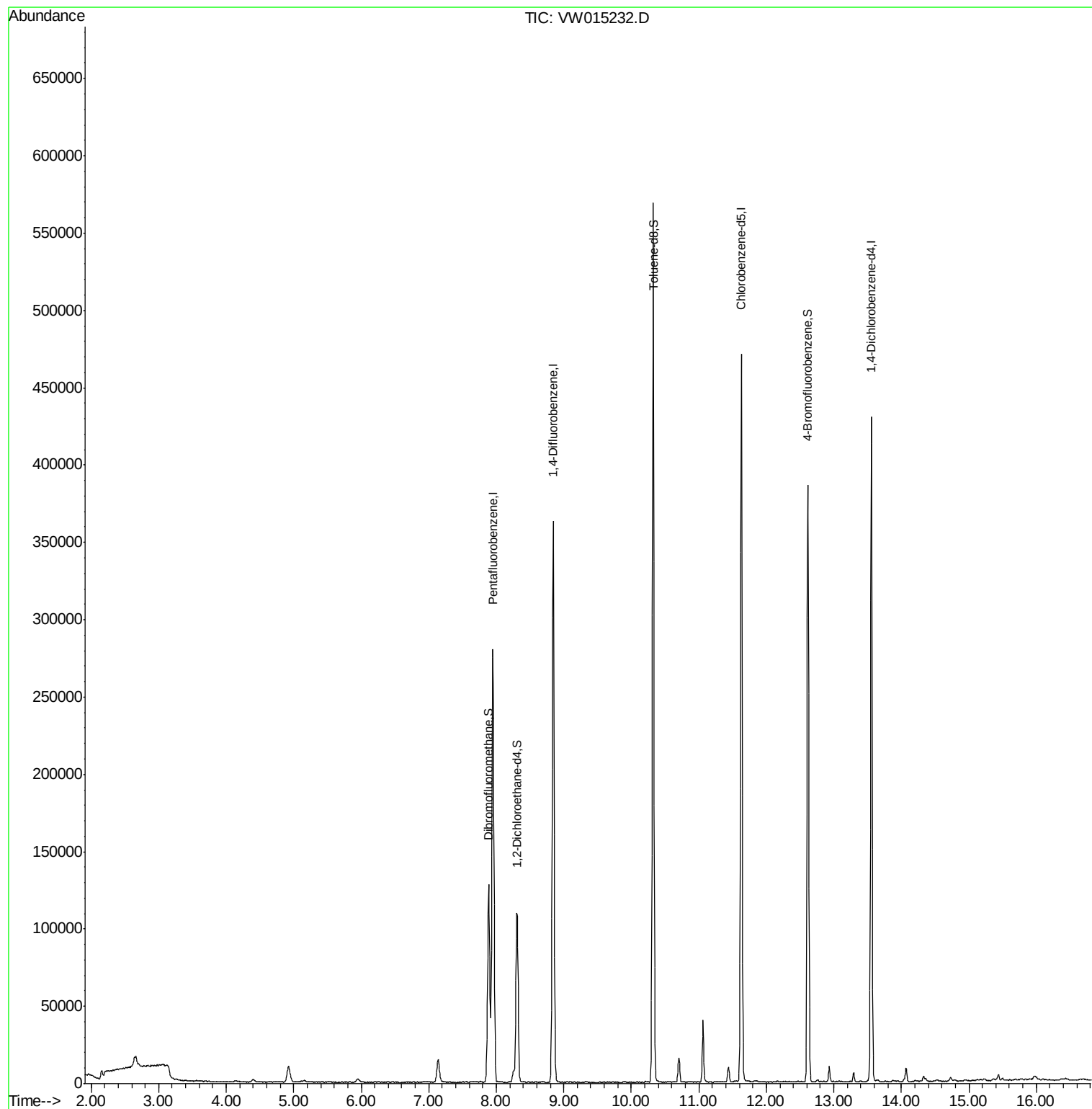
Target Compounds	Qvalue

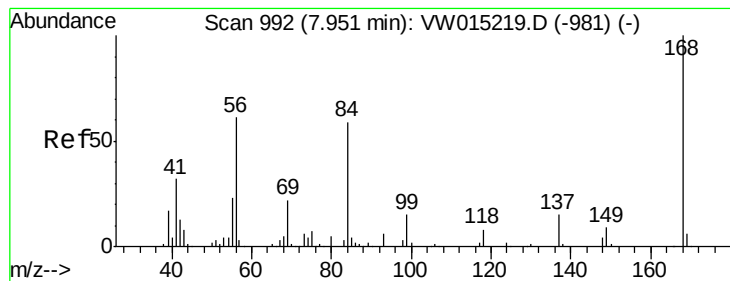
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015232.D

Acq: 20 Apr 2020 19:16

Instrument :

MSVOA_W

ClientSampleId :

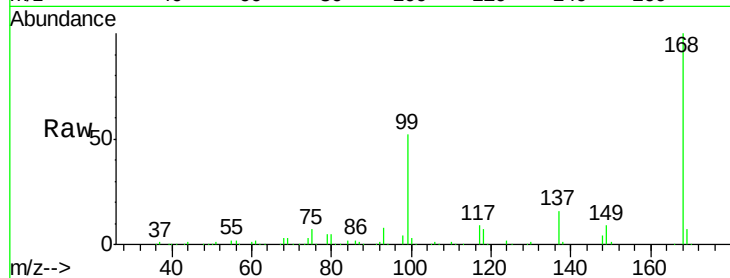
VOC

Tot Ion:168 Resp: 224522

Ion Ratio Lower Upper

168 100

99 51.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

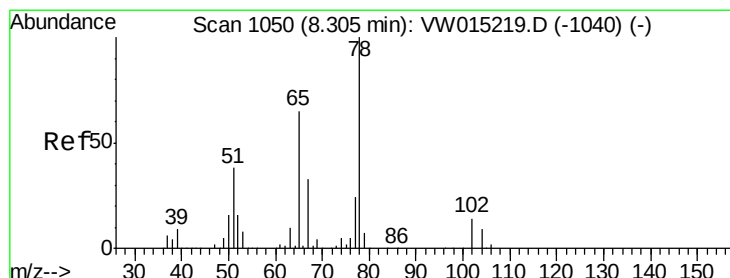
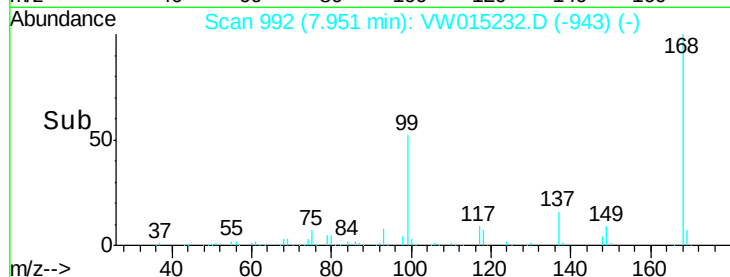
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.711 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015232.D

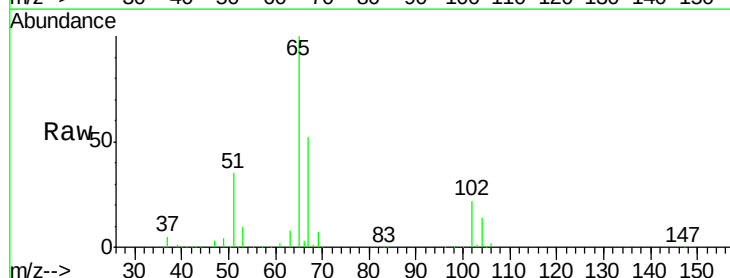
Acq: 20 Apr 2020 19:16

Tgt Ion: 65 Resp: 87599

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

40000

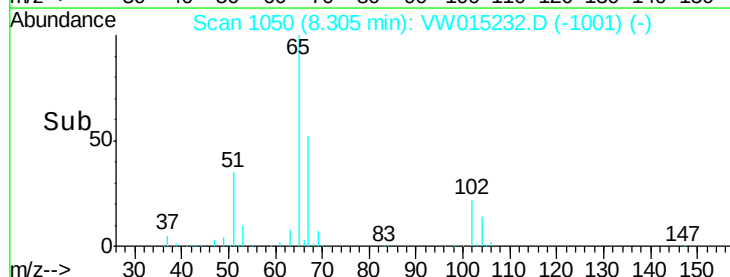
30000

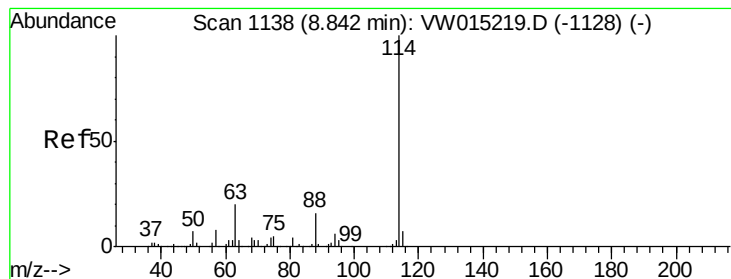
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015232.D

Acq: 20 Apr 2020 19:16

Instrument :

MSVOA_W

ClientSampleId :

VOC

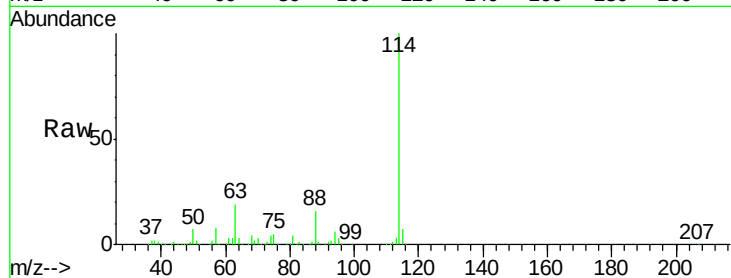
Tot Ion:114 Resp: 319329

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

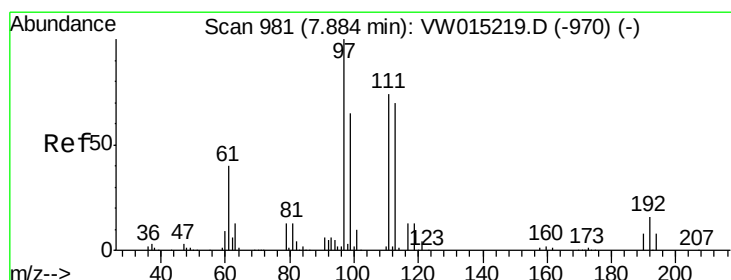
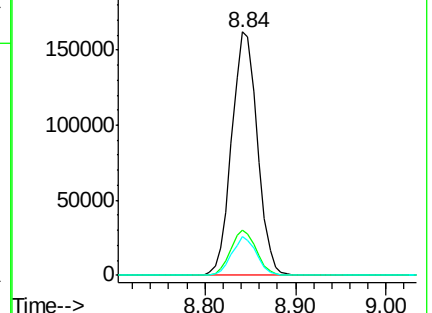
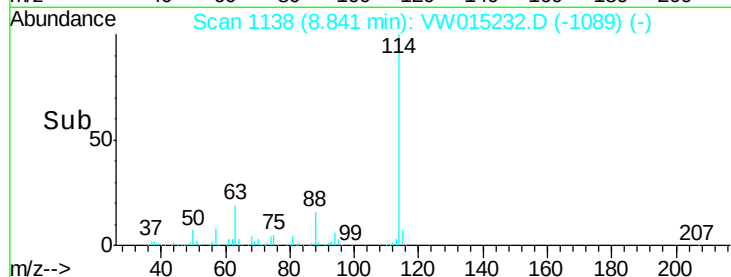
88 15.8 0.0 30.2



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: 51.071 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015232.D

Acq: 20 Apr 2020 19:16

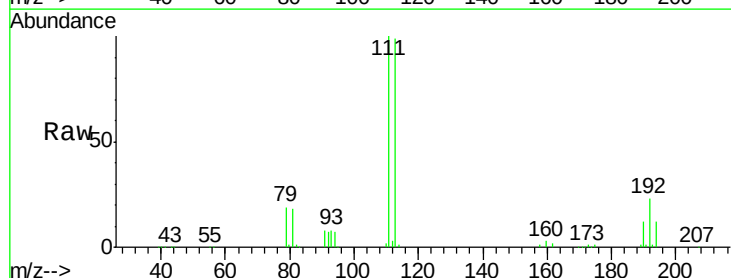
Tgt Ion:113 Resp: 90335

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

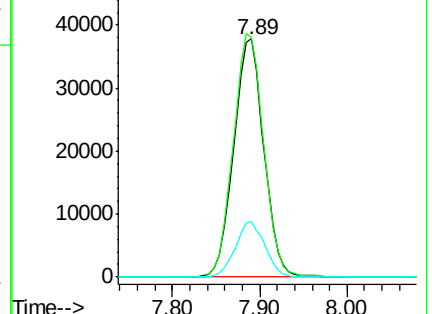
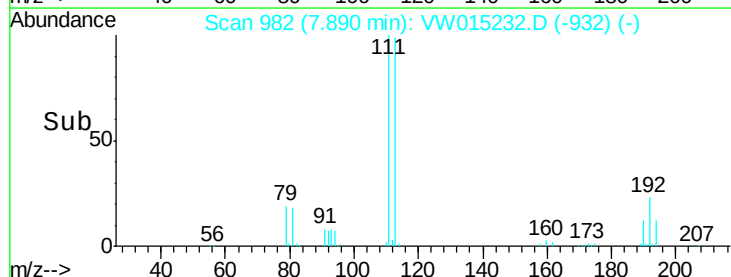
192 22.8 15.1 22.7#

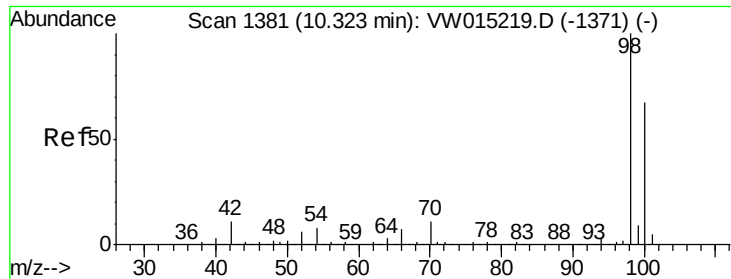


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

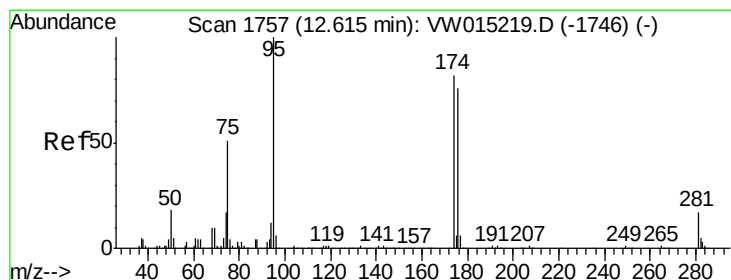
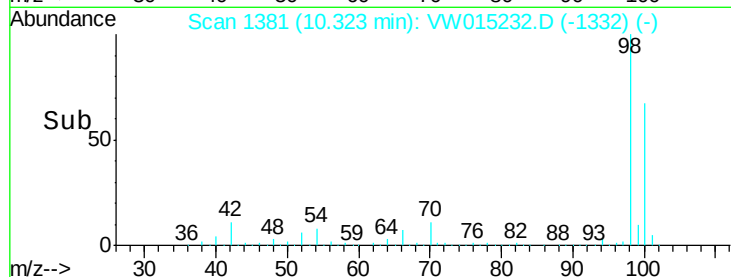
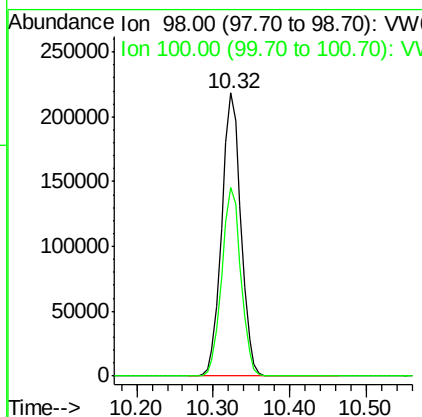
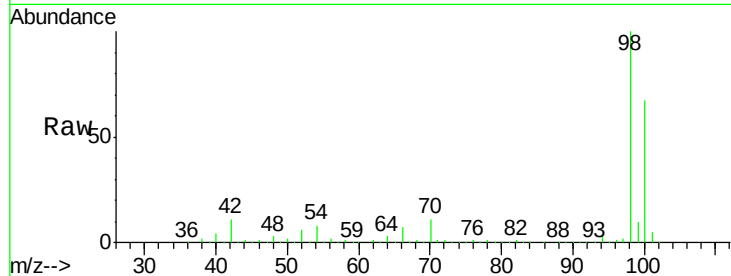




#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015232.D
Acq: 20 Apr 2020 19:16

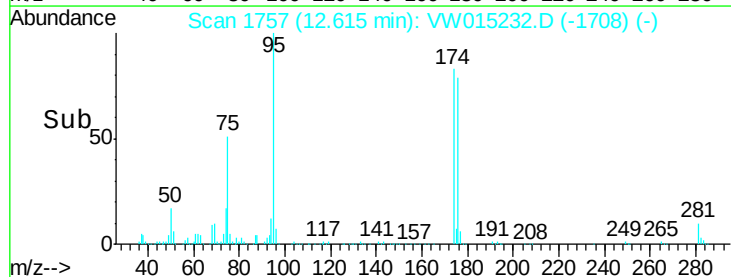
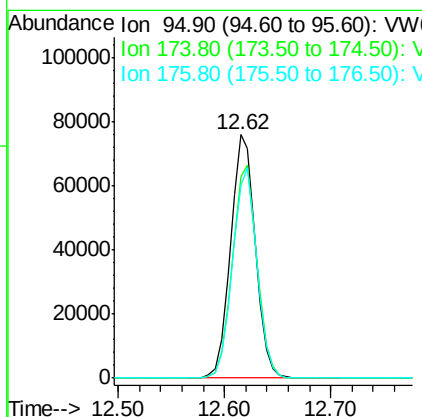
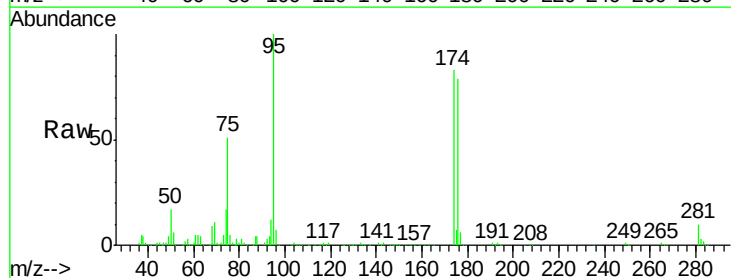
Instrument :
MSVOA_W
ClientSampleId :
VOC

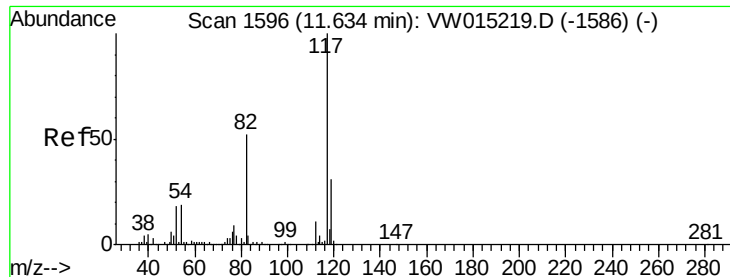
Tot Ion: 98 Resp: 378038
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015232.D
Acq: 20 Apr 2020 19:16

Tgt Ion: 95 Resp: 123546
Ion Ratio Lower Upper
95 100
174 87.4 0.0 144.4
176 85.5 0.0 140.6

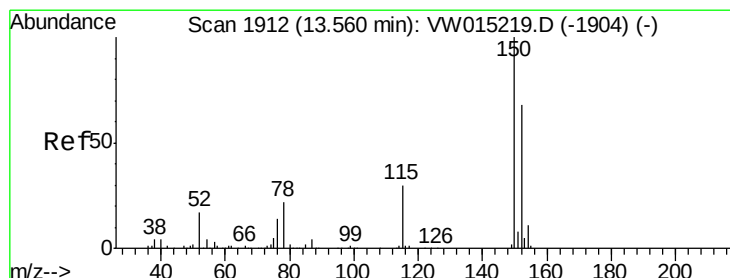
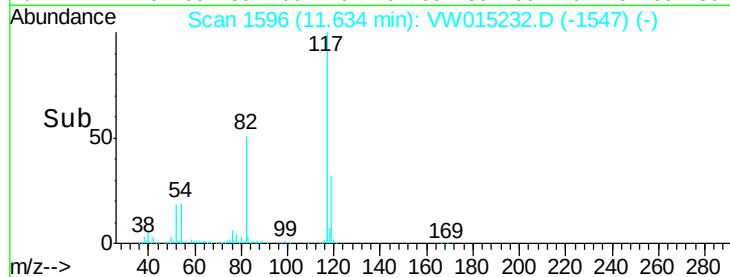
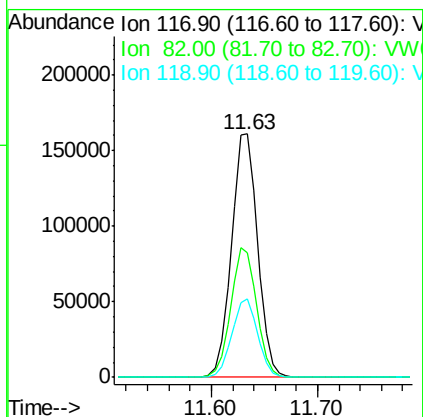
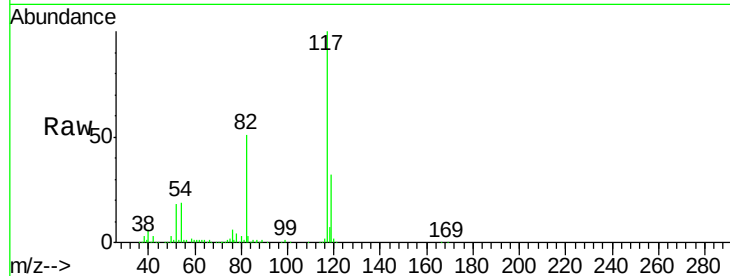




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015232.D
Acq: 20 Apr 2020 19:16

Instrument :
MSVOA_W
ClientSampled :
VOC

Tot Ion:117 Resp: 277720
Ion Ratio Lower Upper
117 100
82 50.9 44.1 66.1
119 31.9 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015232.D
Acq: 20 Apr 2020 19:16

Tgt Ion:152 Resp: 119056
Ion Ratio Lower Upper
152 100
115 56.9 31.3 93.9
150 159.1 0.0 343.4

