

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015313.D
 Acq On : 22 Apr 2020 17:20
 Operator : SY/VA
 Sample : L2360-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CONCRETE FLOOR

Quant Time: Apr 23 07:30:08 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	194954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	275081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	109038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72835	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.88	113	76695	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.32	98	330088	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	106962	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

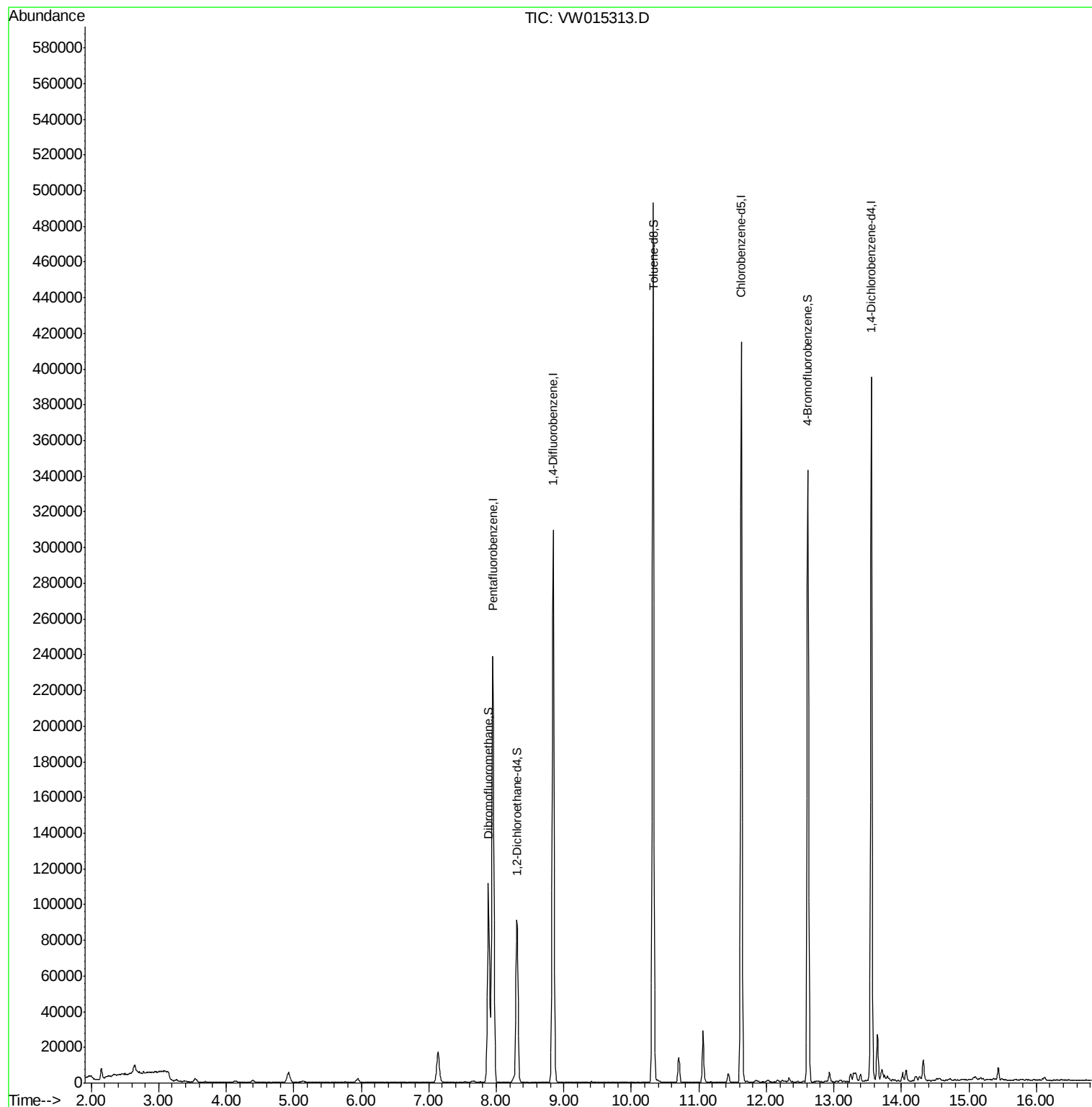
Target Compounds	Qvalue
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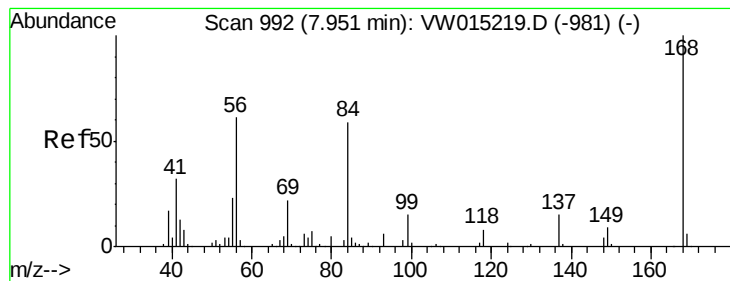
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW015313.D

Acq: 22 Apr 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

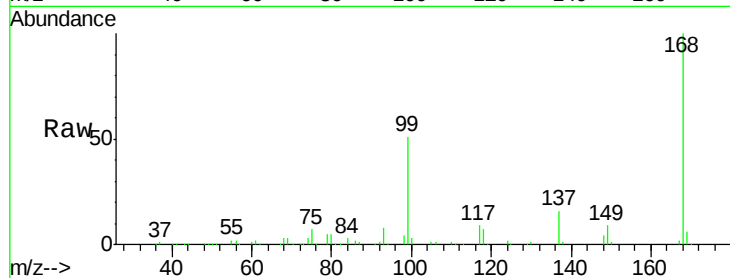
CONCRETE FLOOR

Tot Ion:168 Resp: 194954

Ion Ratio Lower Upper

168 100

99 50.6 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

80000

60000

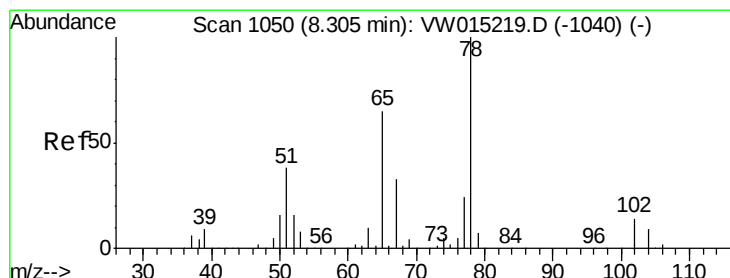
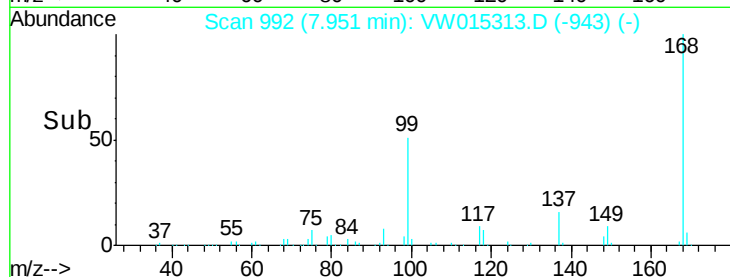
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.687 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015313.D

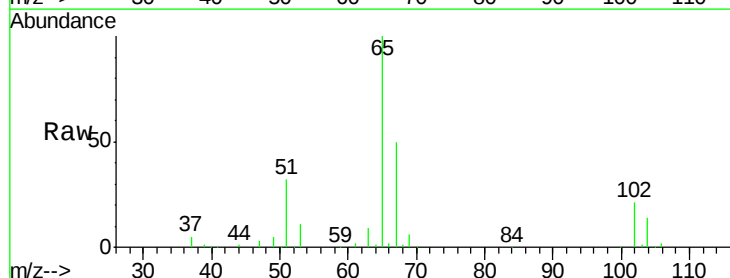
Acq: 22 Apr 2020 17:20

Tgt Ion: 65 Resp: 72835

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

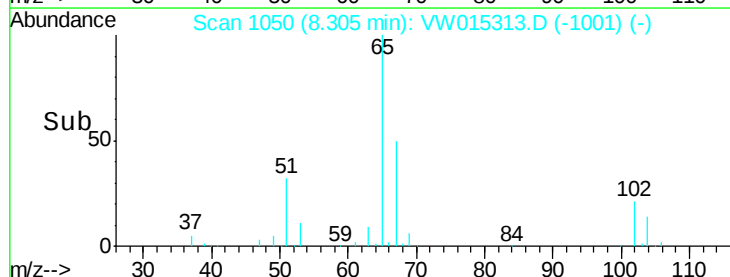
20000

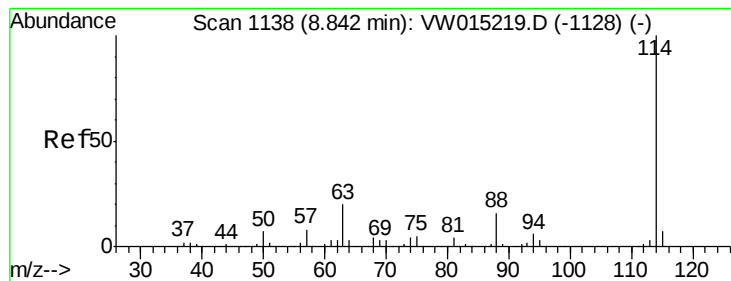
10000

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. 0.00 min

Lab File: VW015313.D

Acq: 22 Apr 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

CONCRETE FLOOR

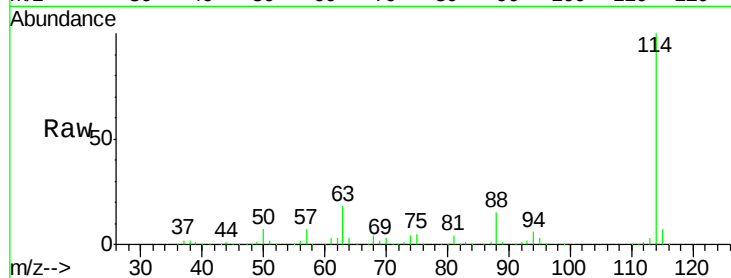
Tot Ion:114 Resp: 275081

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

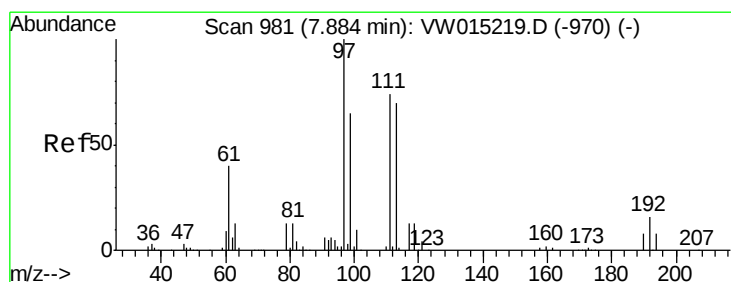
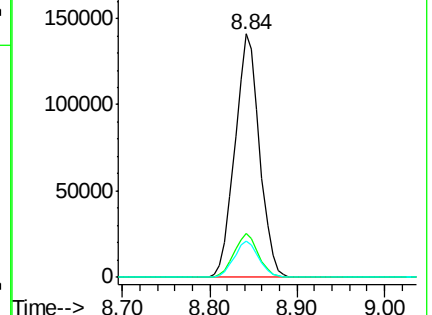
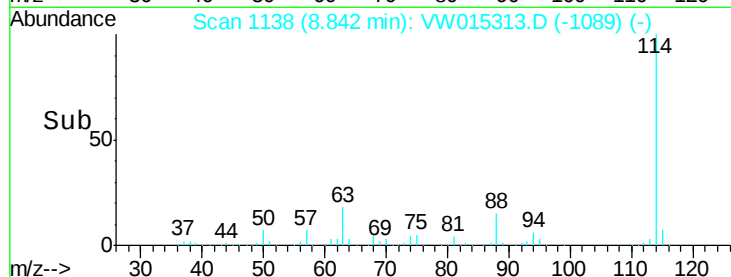
88 15.1 0.0 30.2



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: 50.334 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015313.D

Acq: 22 Apr 2020 17:20

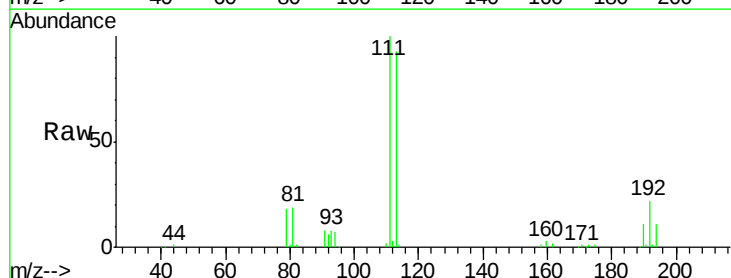
Tgt Ion:113 Resp: 76695

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

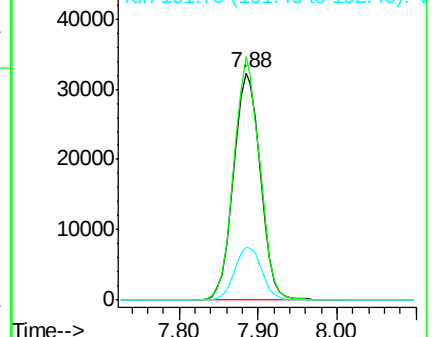
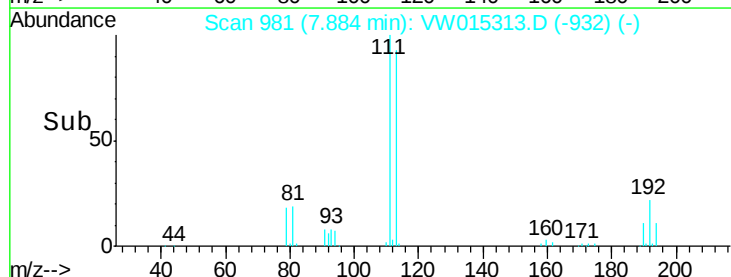
192 23.4 15.1 22.7#

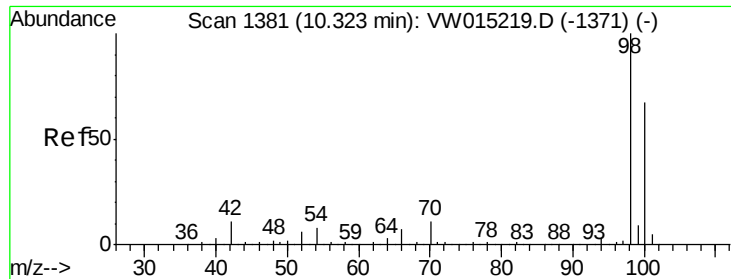


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.497 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015313.D

Acq: 22 Apr 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

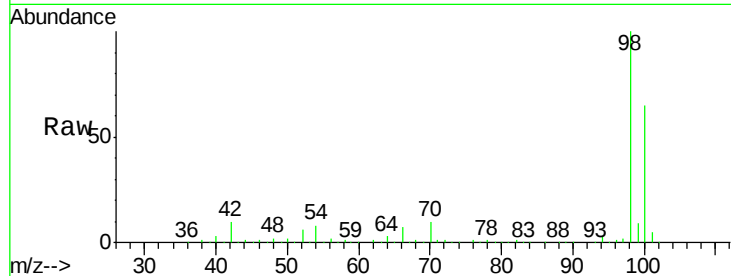
CONCRETE FLOOR

Tot Ion: 98 Resp: 330088

Ion Ratio Lower Upper

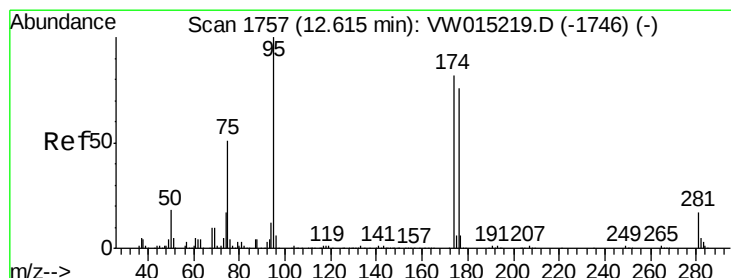
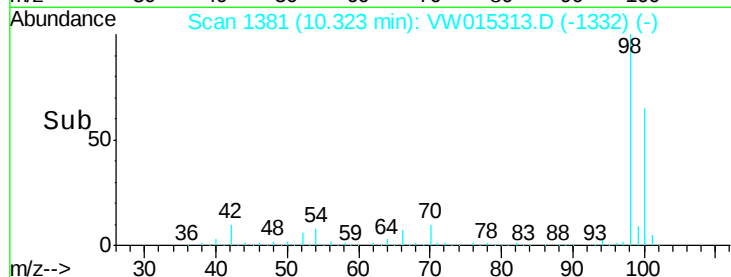
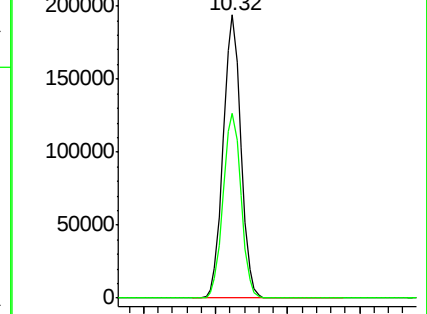
98 100

100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.735 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015313.D

Acq: 22 Apr 2020 17:20

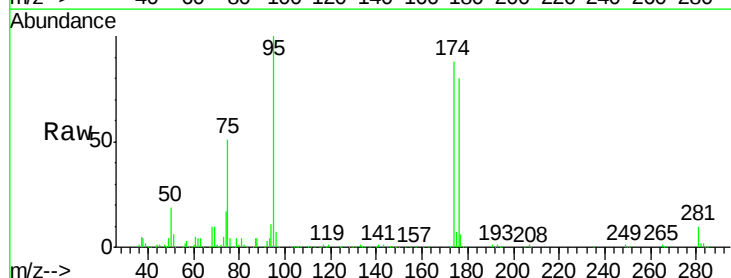
Tgt Ion: 95 Resp: 106962

Ion Ratio Lower Upper

95 100

174 90.3 0.0 144.4

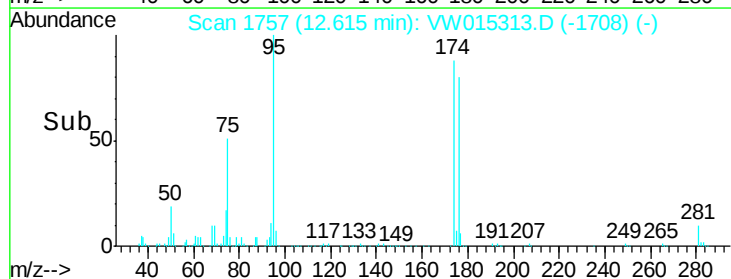
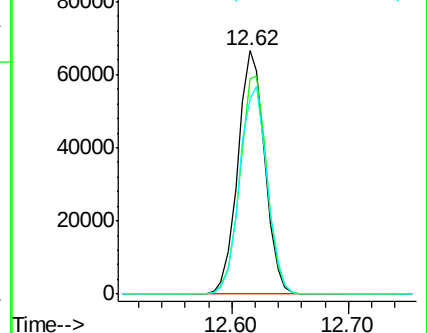
176 87.9 0.0 140.6

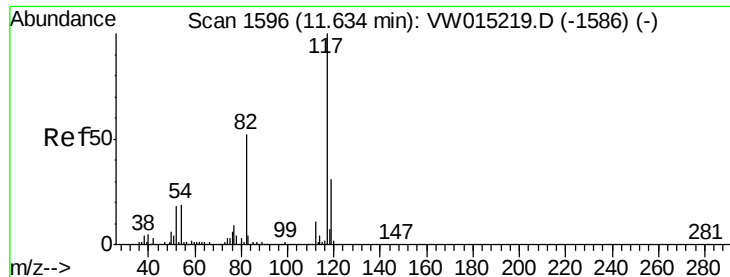


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

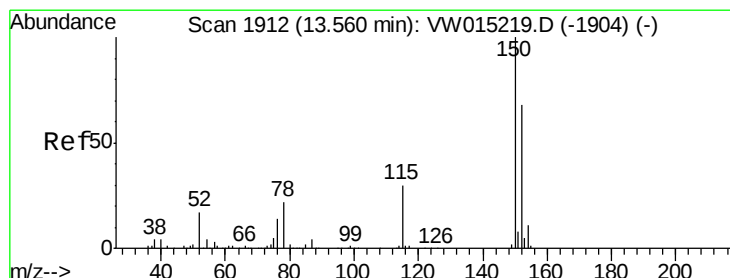
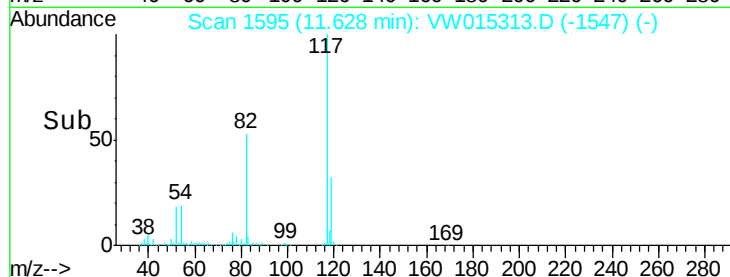
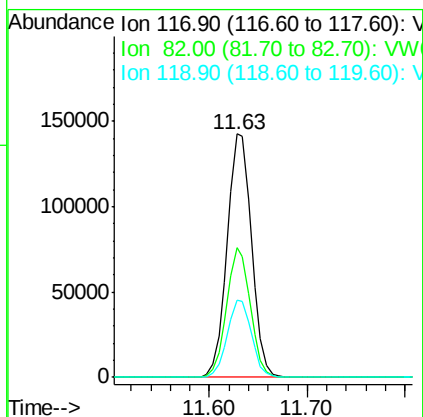
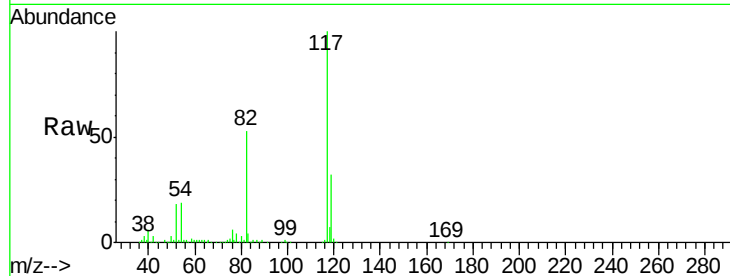




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015313.D
Acq: 22 Apr 2020 17:20

Instrument :
MSVOA_W
ClientSampleId :
CONCRETE FLOOR

Tot Ion:117 Resp: 246205
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 31.9 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015313.D
Acq: 22 Apr 2020 17:20

Tgt Ion:152 Resp: 109038
Ion Ratio Lower Upper
152 100
115 55.0 31.3 93.9
150 159.0 0.0 343.4

