

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008687.D
 Acq On : 15 Feb 2019 16:25
 Operator : SY/VA
 Sample : K1511-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STONES

Quant Time: Feb 16 01:40:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155911	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
35) Dibromofluoromethane	7.88	113	135778	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.32	98	512423	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.62	95	178988	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

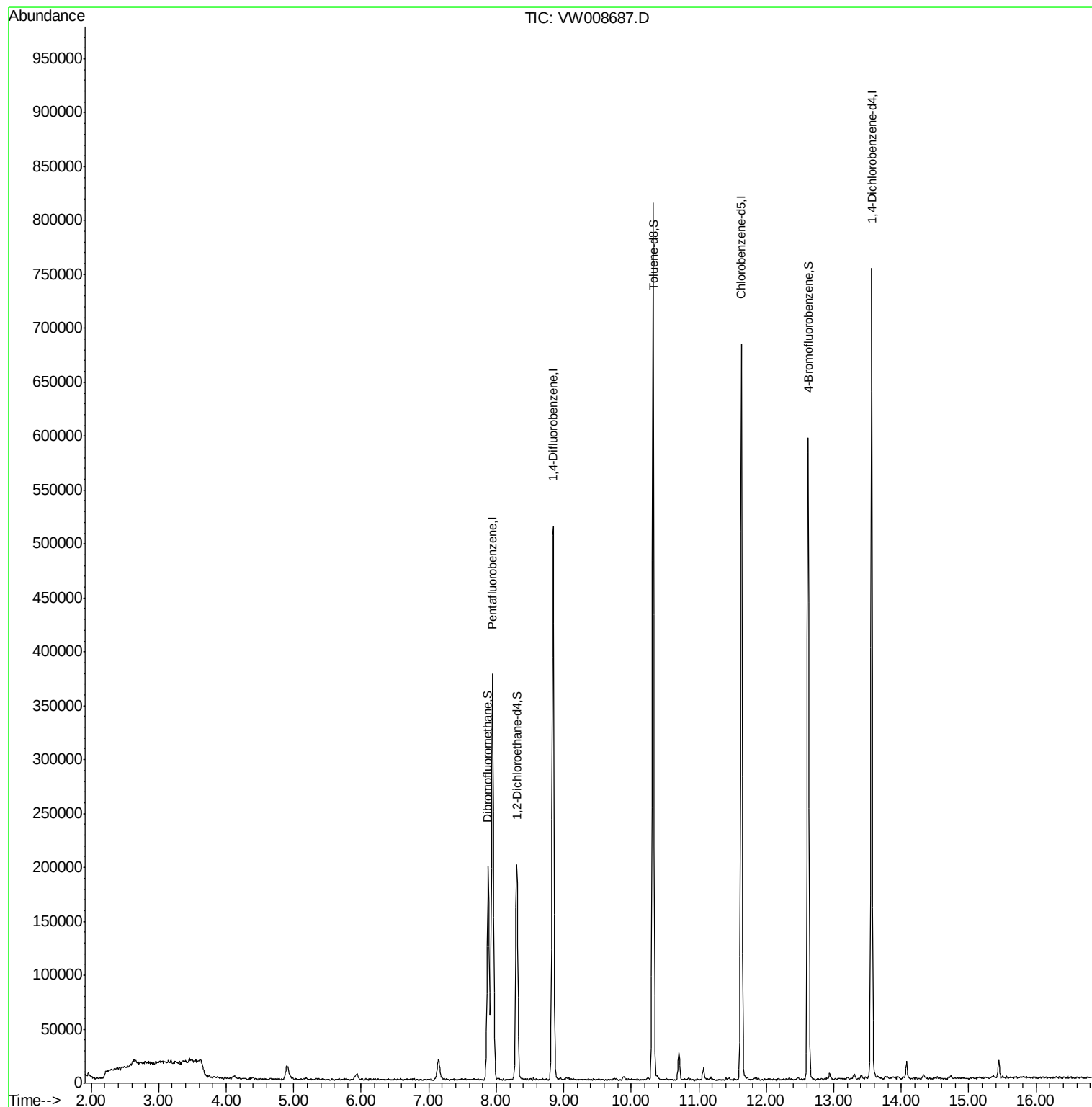
Target Compounds	Qvalue
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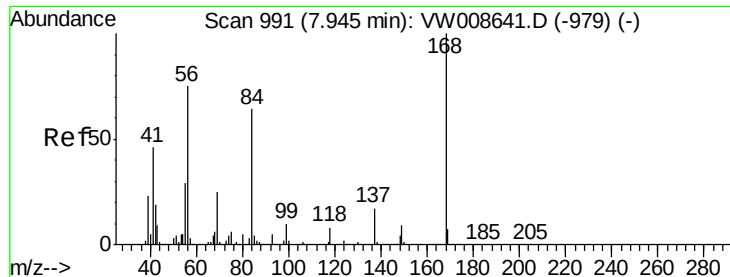
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

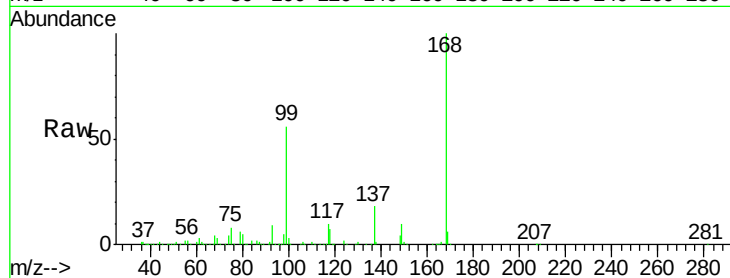
STONES

Tot Ion:168 Resp: 289995

Ion Ratio Lower Upper

168 100

99 55.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

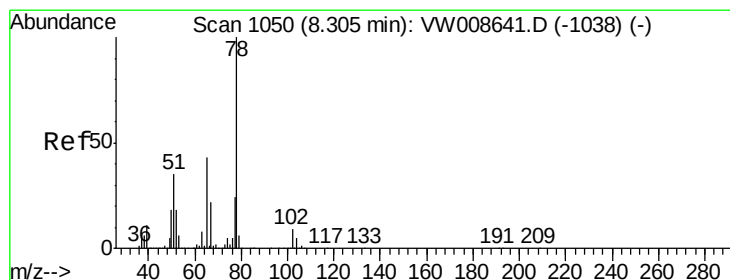
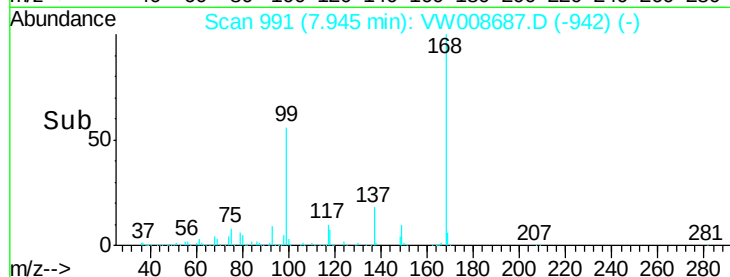
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.714 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008687.D

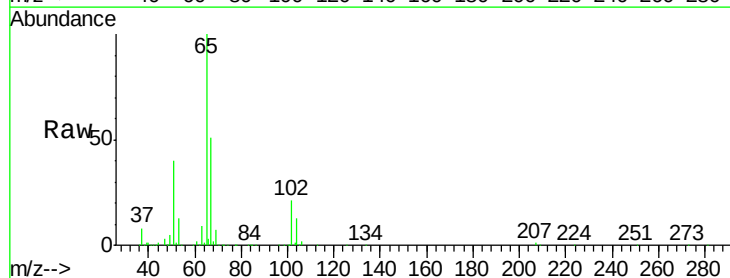
Acq: 15 Feb 2019 16:25

Tgt Ion: 65 Resp: 155911

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

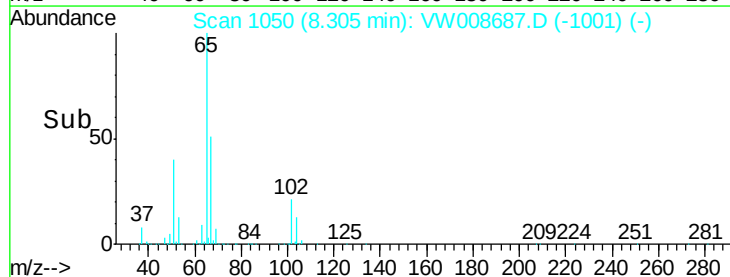
60000

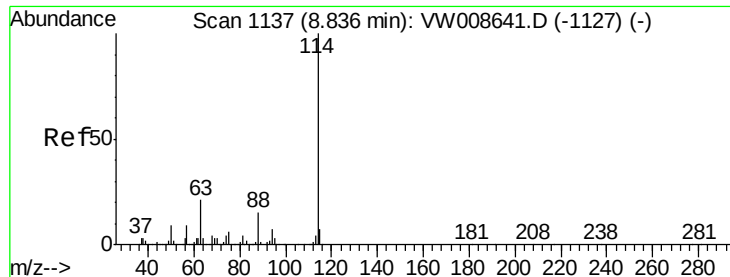
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

STONES

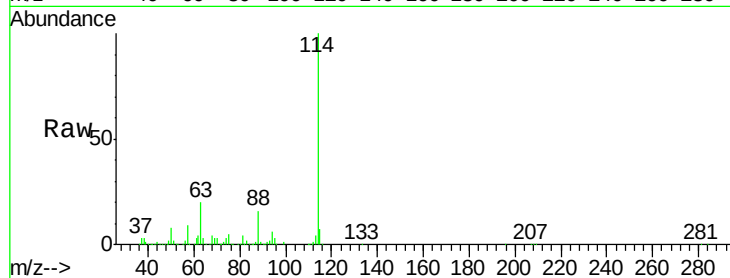
Tot Ion:114 Resp: 432794

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

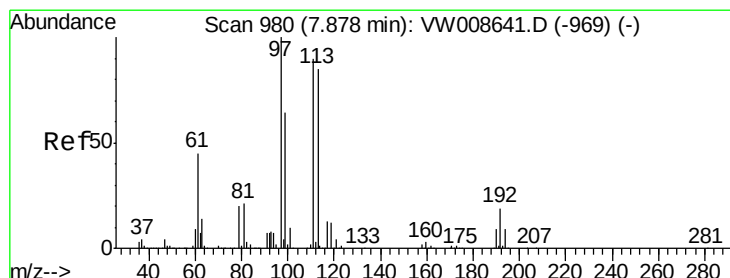
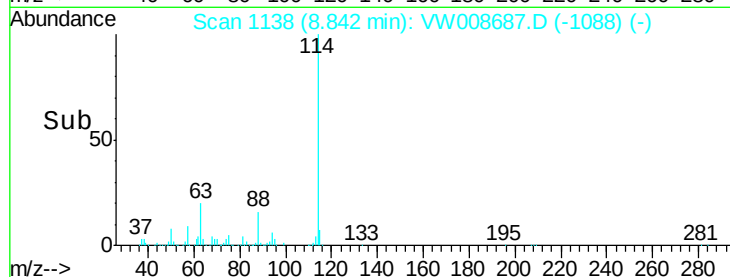
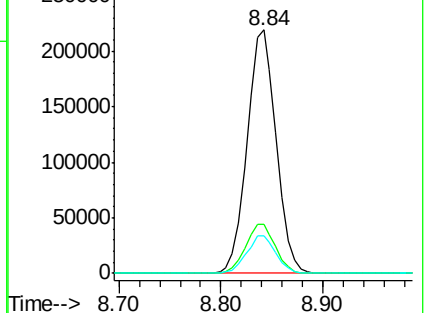
88 15.6 0.0 29.6



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: 50.524 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

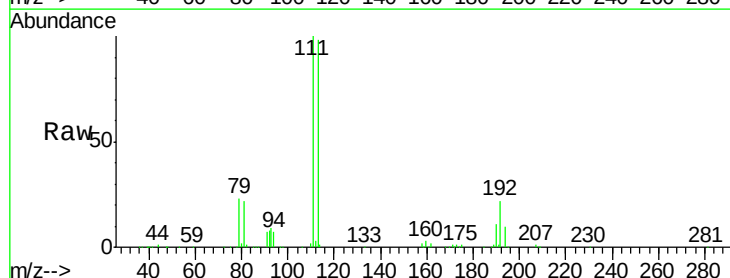
Tgt Ion:113 Resp: 135778

Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

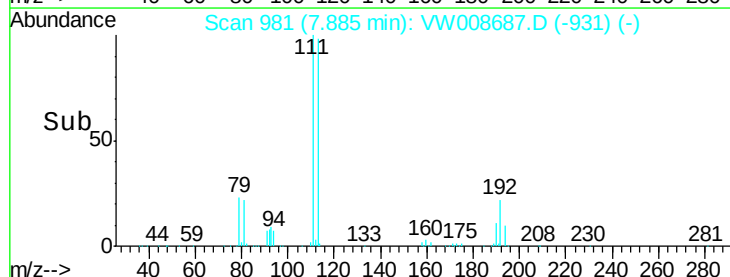
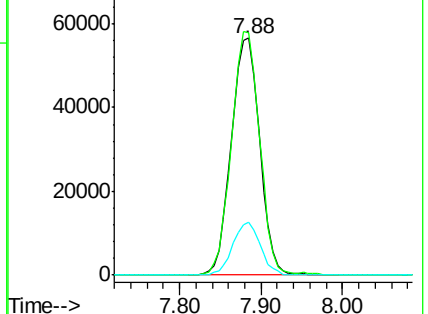
192 21.6 17.4 26.2

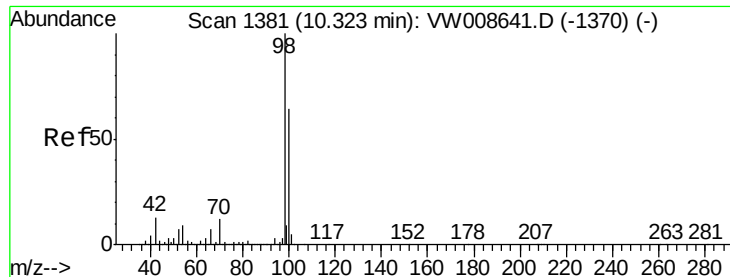


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.464 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

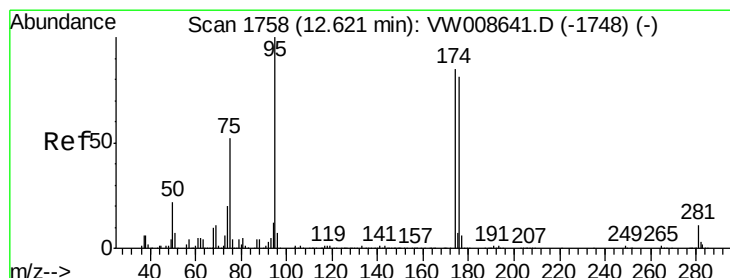
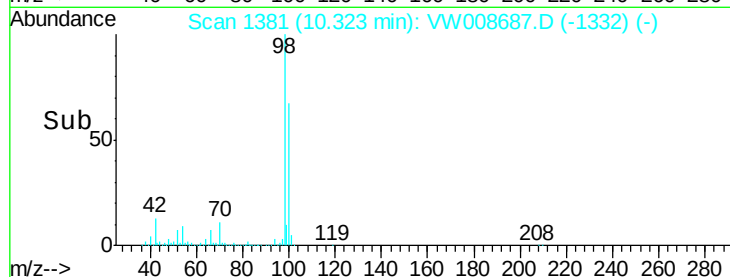
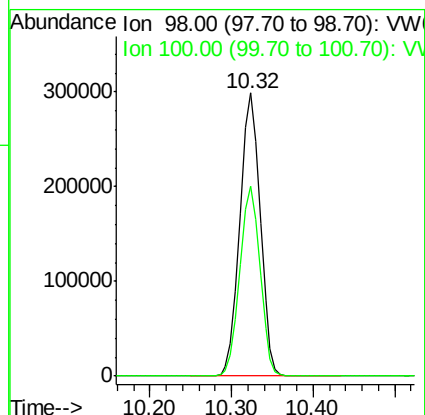
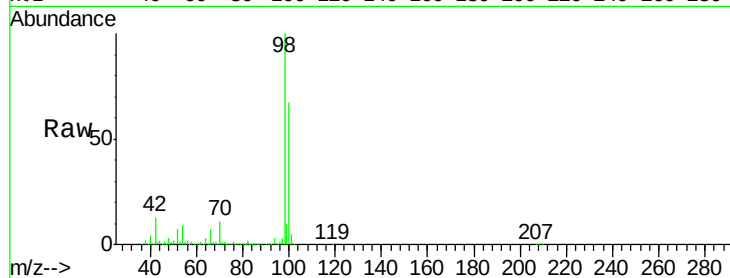
STONES

Tot Ion: 98 Resp: 512423

Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.870 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008687.D

Acq: 15 Feb 2019 16:25

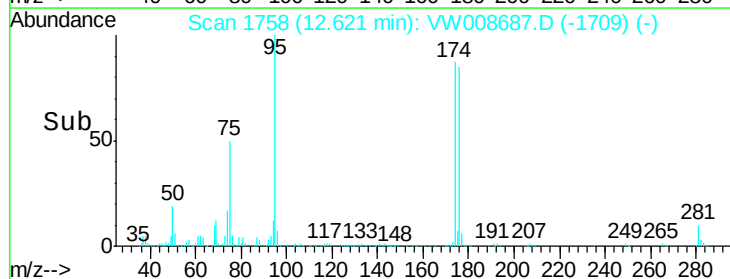
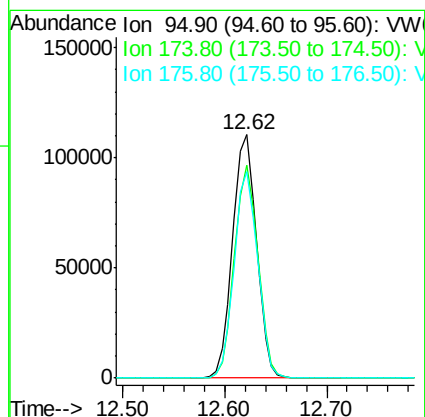
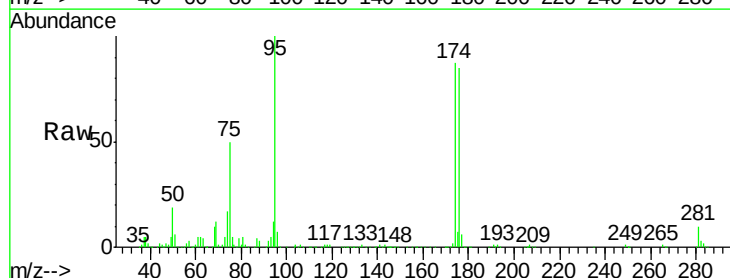
Tgt Ion: 95 Resp: 178988

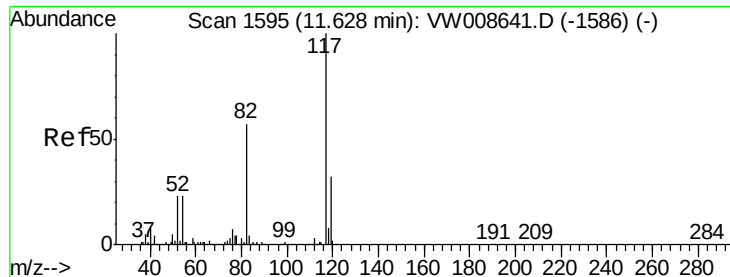
Ion Ratio Lower Upper

95 100

174 85.9 0.0 163.2

176 83.1 0.0 158.0

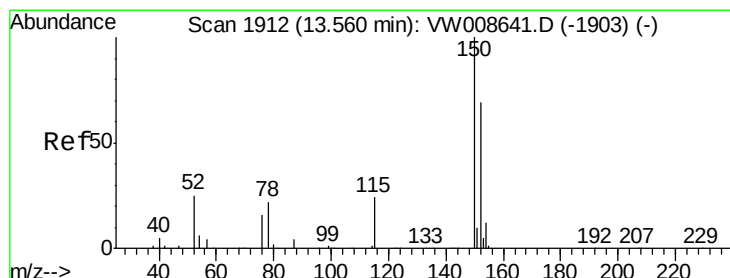
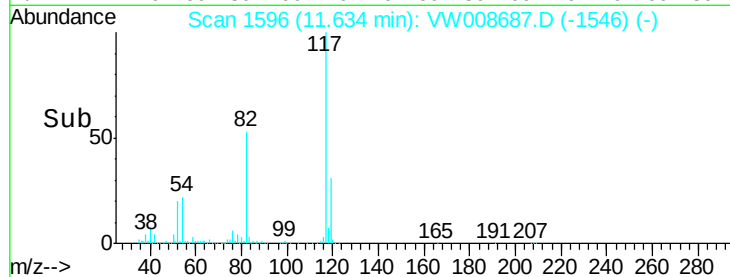
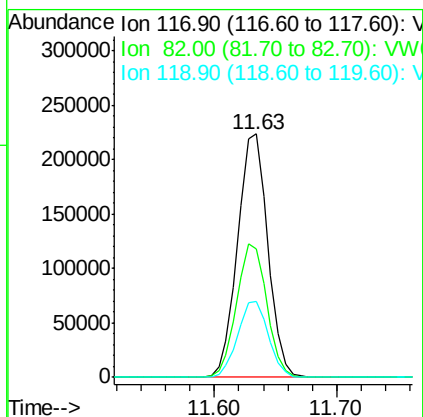
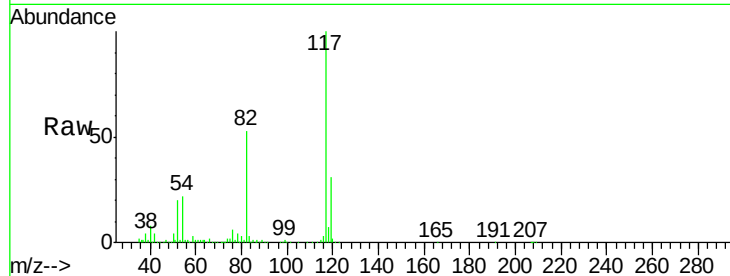




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

Instrument :
MSVOA_W
ClientSampleId :
STONES

Tot Ion:117 Resp: 382735
Ion Ratio Lower Upper
117 100
82 52.9 45.6 68.4
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008687.D
Acq: 15 Feb 2019 16:25

Tgt Ion:152 Resp: 188389
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 156.7 0.0 352.8

