

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012992.D
 Acq On : 14 Sep 2019 14:38
 Operator : SY/VA
 Sample : K4719-14
 Misc : 4.64G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-HELLGATERE

Quant Time: Sep 16 09:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

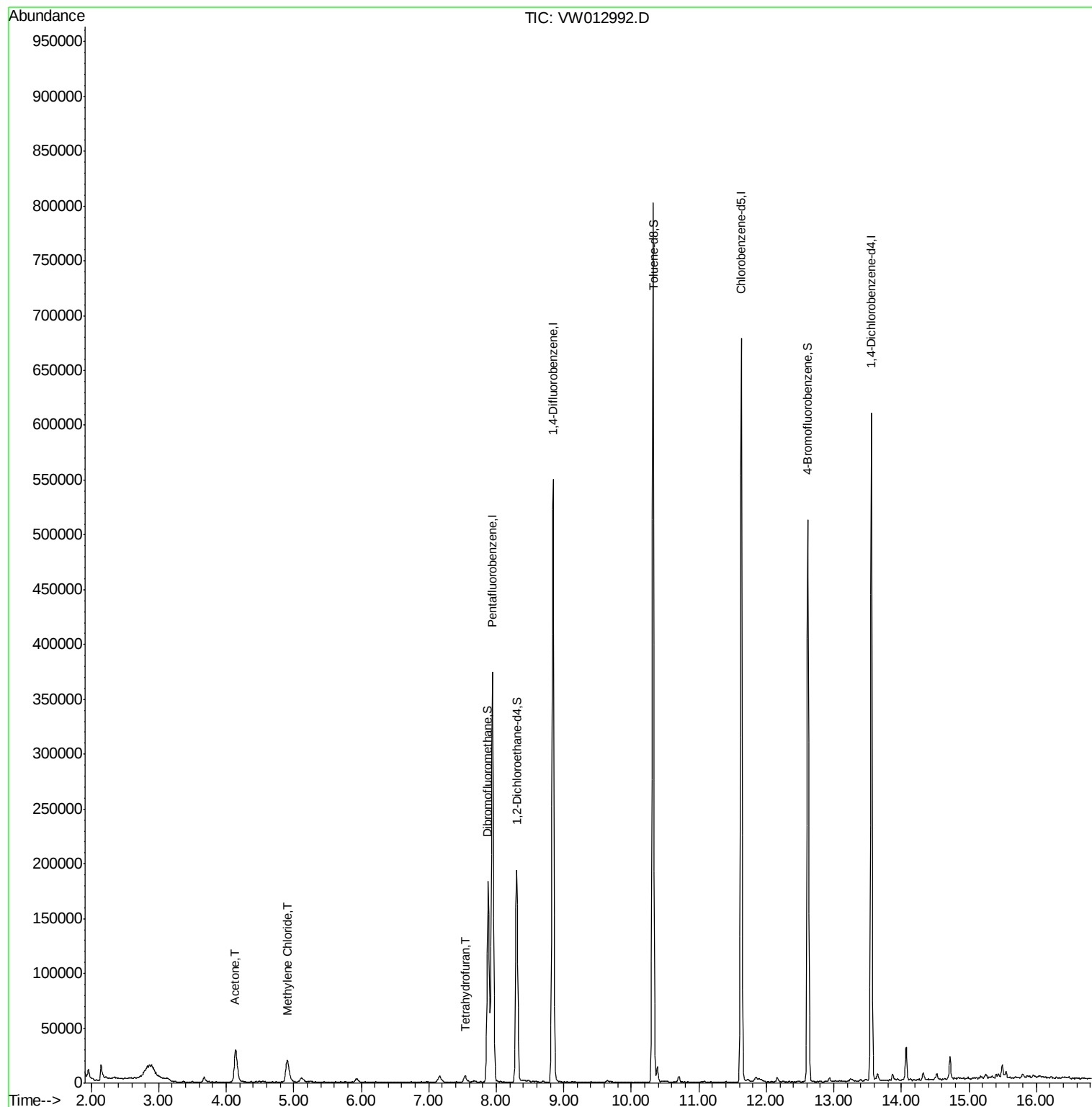
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	156526	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.42%	
35) Dibromofluoromethane	7.88	113	131147	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
50) Toluene-d8	10.32	98	513725	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	157804	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	4.14	43	63111	97.142	ug/l	98
20) Methylene Chloride	4.91	84	16420	2.719	ug/l	99
29) Tetrahydrofuran	7.54	42	5540	11.469	ug/l	99

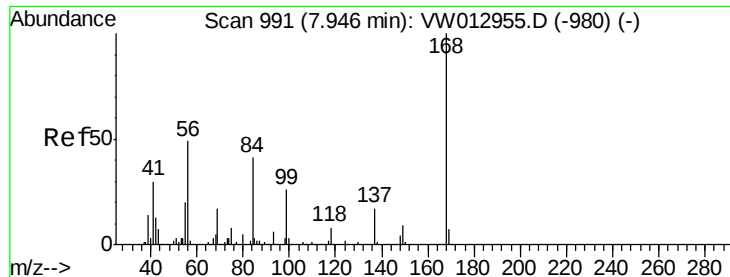
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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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# 991

Delta R.T. -0.00 min

Lab File: VW012992.D

Acq: 14 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

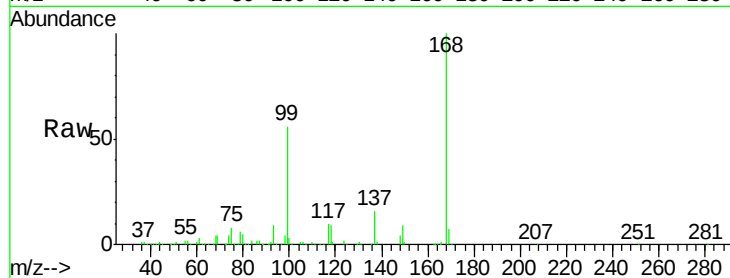
T4-3-(1.5)-HELLGATERE

Tot Ion:168 Resp: 288666

Ion Ratio Lower Upper

168 100

99 56.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

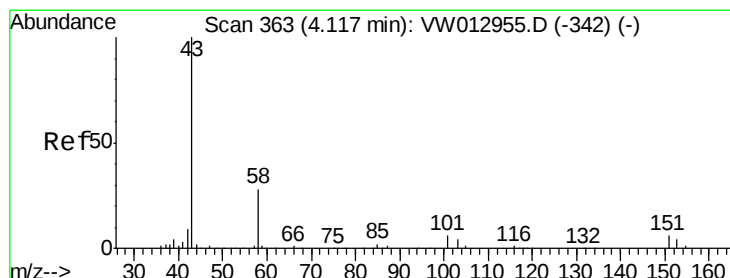
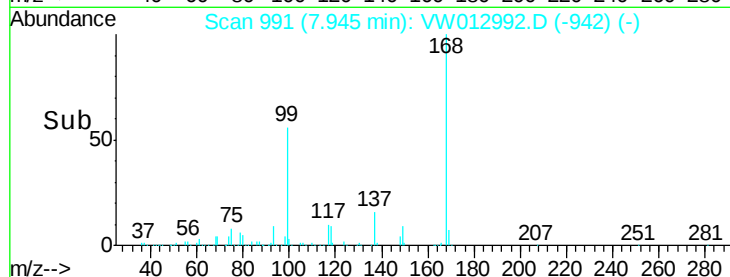
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 97.142 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW012992.D

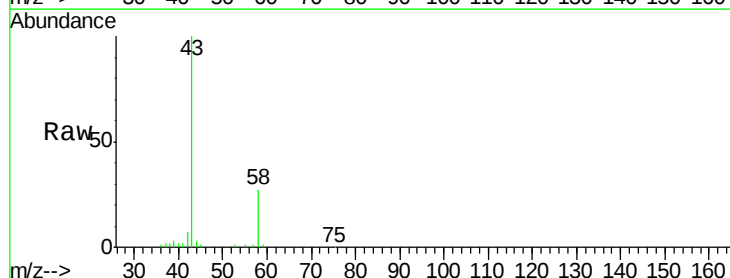
Acq: 14 Sep 2019 14:38

Tgt Ion: 43 Resp: 63111

Ion Ratio Lower Upper

43 100

58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

15000

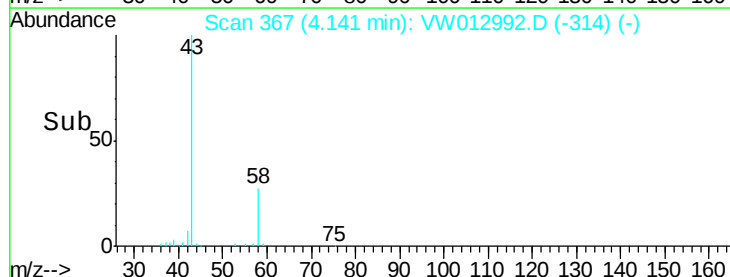
10000

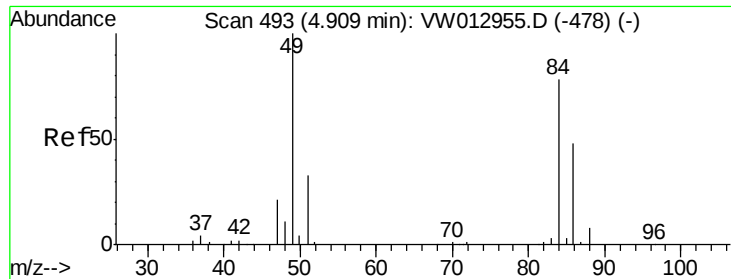
5000

0

4.00 4.10 4.20

Time-->

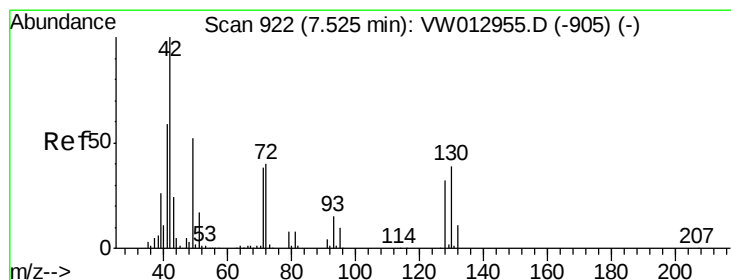
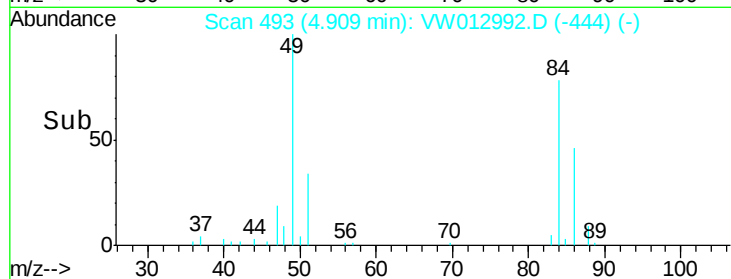
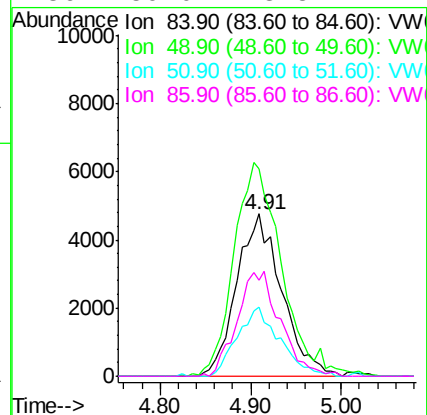
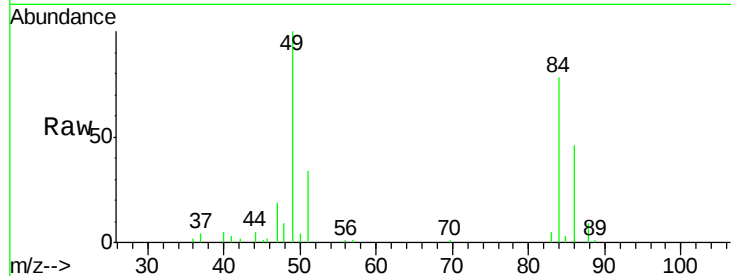




#20
Methvlene Chloride
Concen: 2.719 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW012992.D
Acq: 14 Sep 2019 14:38

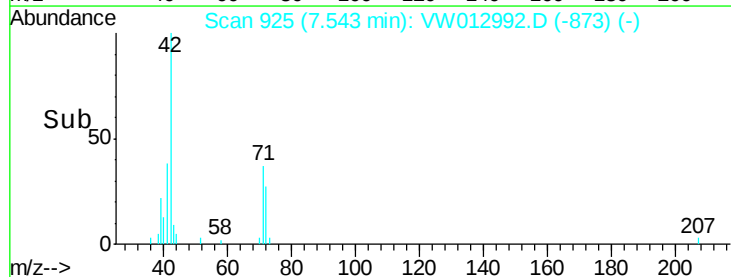
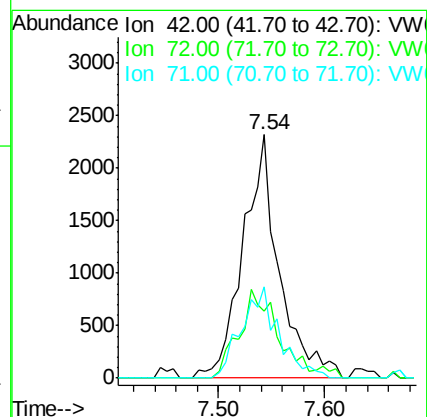
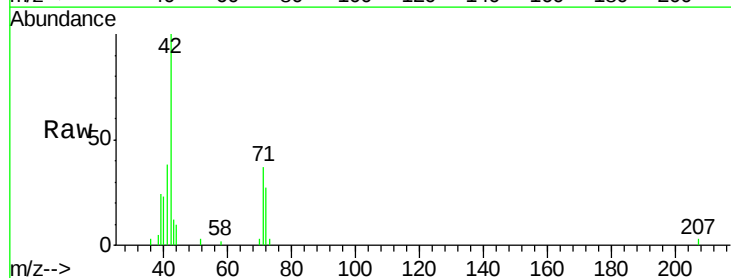
Instrument :
MSVOA_W
ClientSampleId :
T4-3-(1.5)-HELLGATERE

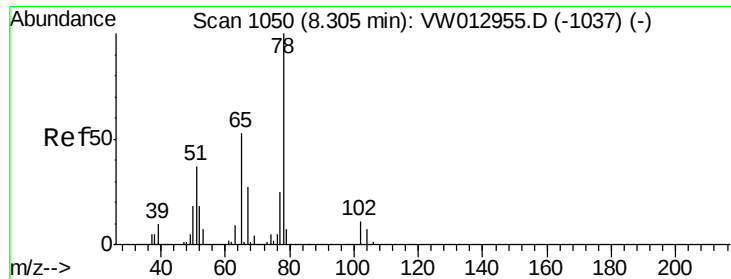
Tot Ion: 84 Resp: 16420
Ion Ratio Lower Upper
84 100
49 125.9 102.0 153.0
51 43.0 34.0 51.0
86 59.0 48.5 72.7



#29
Tetrahydrofuran
Concen: 11.469 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW012992.D
Acq: 14 Sep 2019 14:38

Tgt Ion: 42 Resp: 5540
Ion Ratio Lower Upper
42 100
72 39.1 31.4 47.0
71 38.5 29.8 44.8

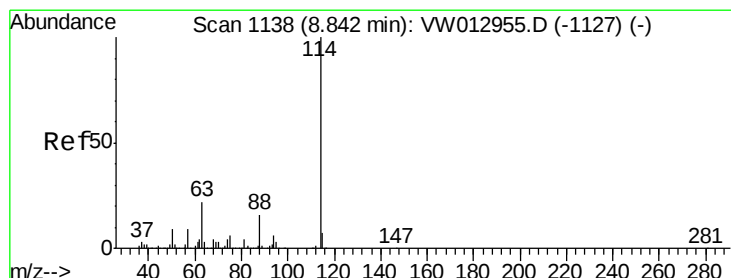
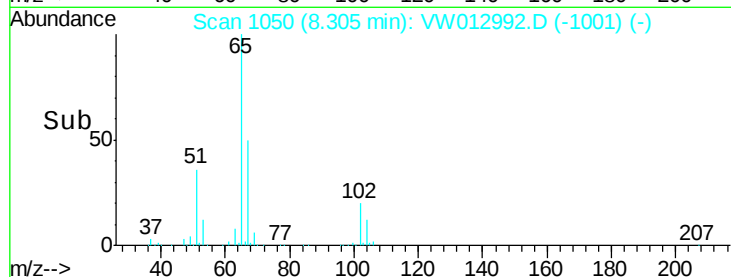
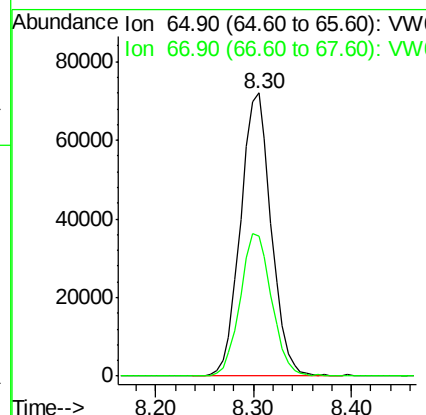
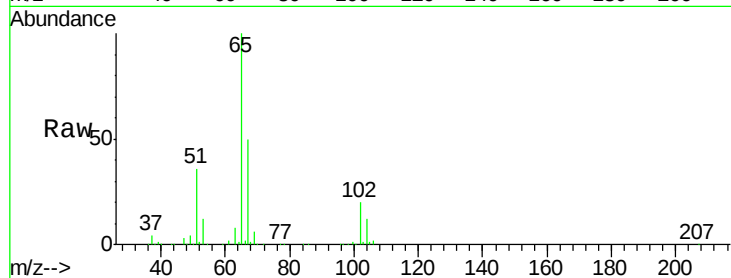




#33
 1,2-Dichloroethane-d4
 Concen: 58.711 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012992.D
 Acq: 14 Sep 2019 14:38

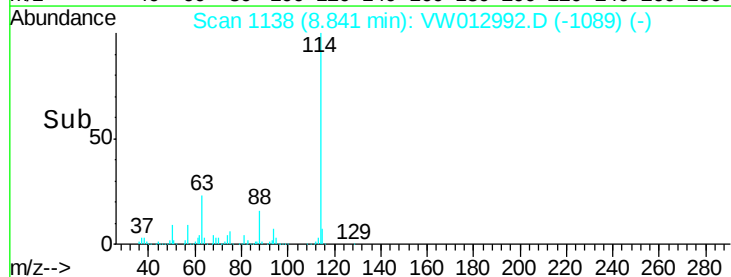
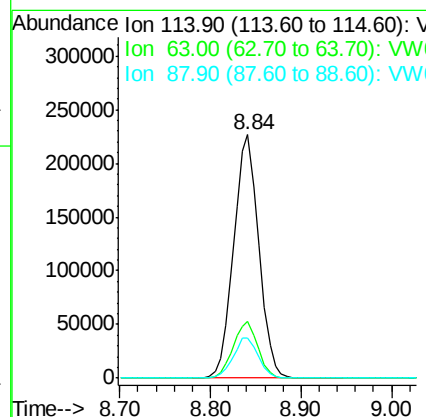
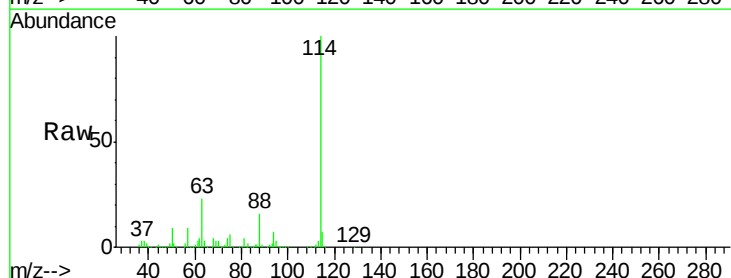
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-HELLGATERE

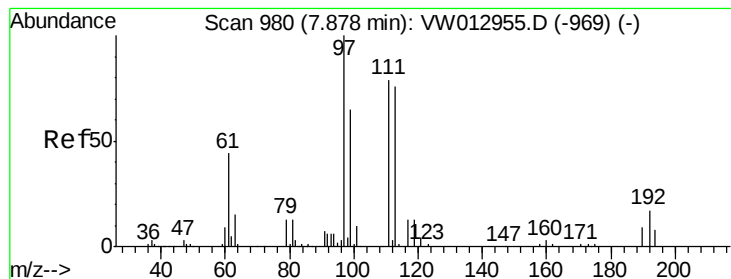
Tot Ion: 65 Resp: 156526
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012992.D
 Acq: 14 Sep 2019 14:38

Tgt Ion: 114 Resp: 435401
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.4
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.511 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012992.D

Acq: 14 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

T4-3-(1.5)-HELLGATERE

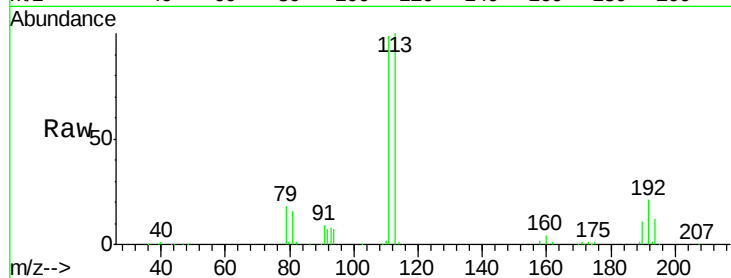
Tot Ion:113 Resp: 131147

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

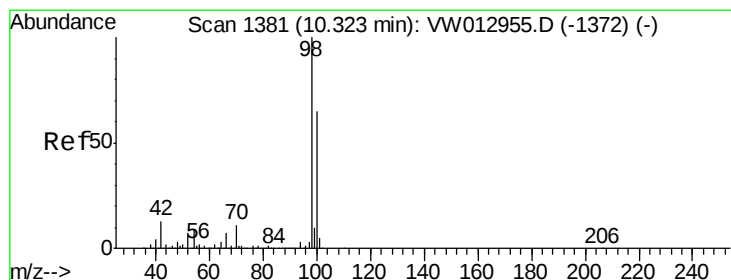
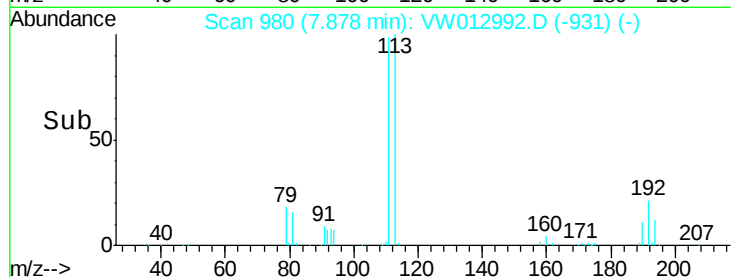
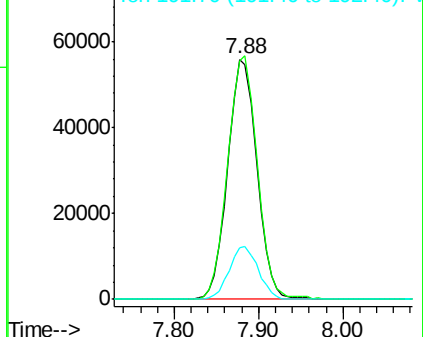
192 22.0 17.8 26.8



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: 55.569 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012992.D

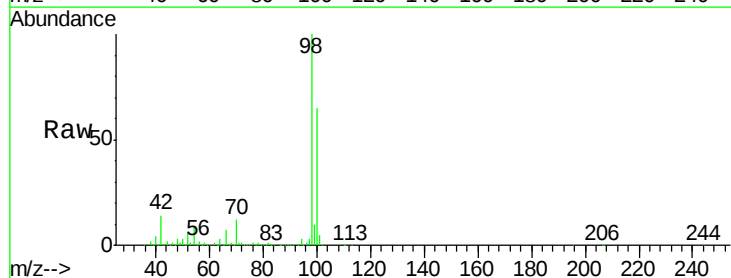
Acq: 14 Sep 2019 14:38

Tgt Ion: 98 Resp: 513725

Ion Ratio Lower Upper

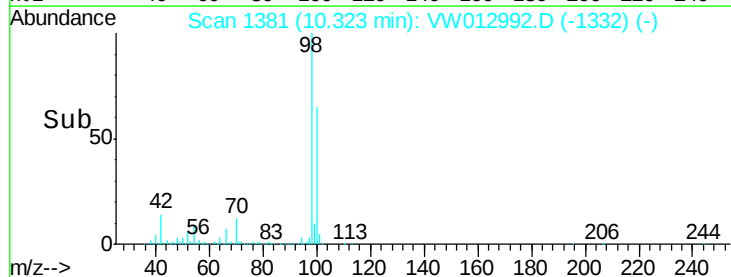
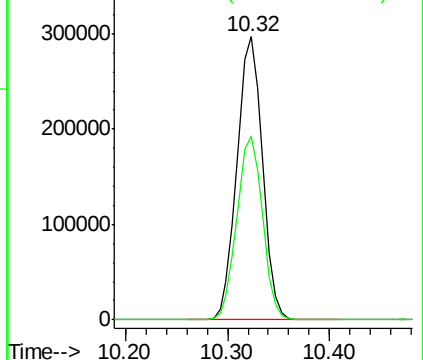
98 100

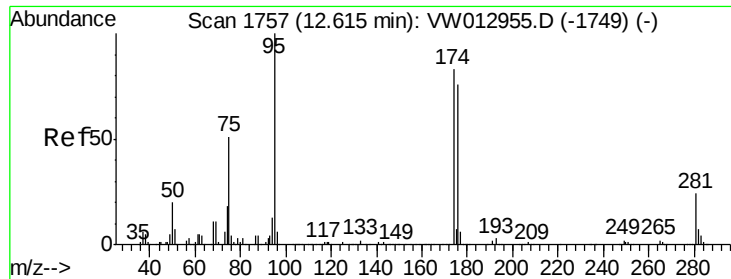
100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.470 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012992.D

Acq: 14 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

T4-3-(1.5)-HELLGATERE

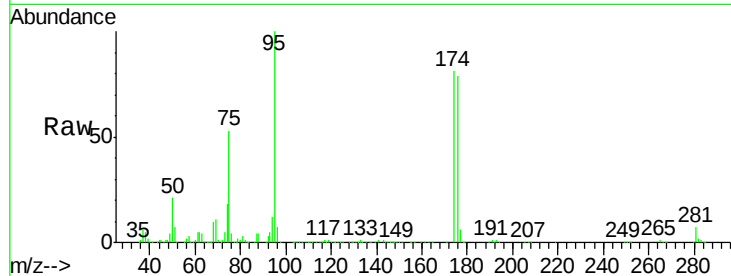
Tot Ion: 95 Resp: 157804

Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.4

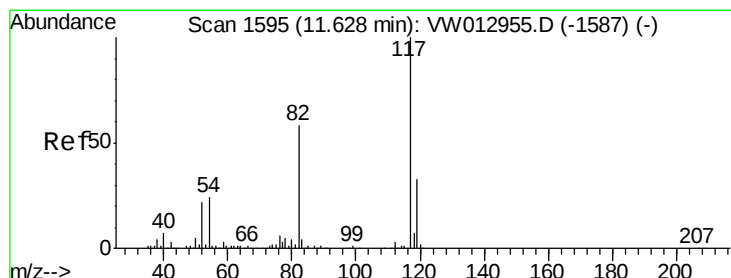
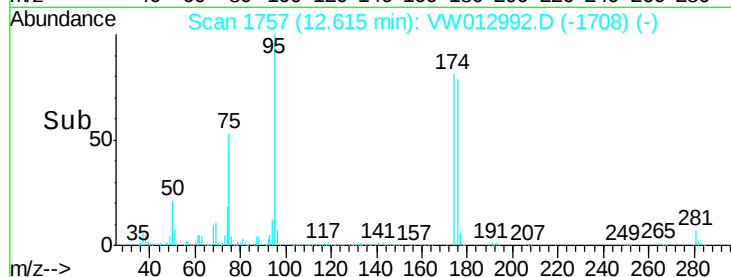
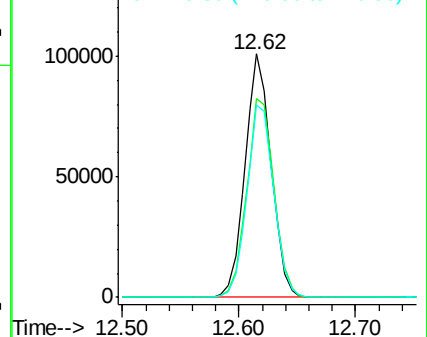
176 81.7 0.0 164.6



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. -0.00 min

Lab File: VW012992.D

Acq: 14 Sep 2019 14:38

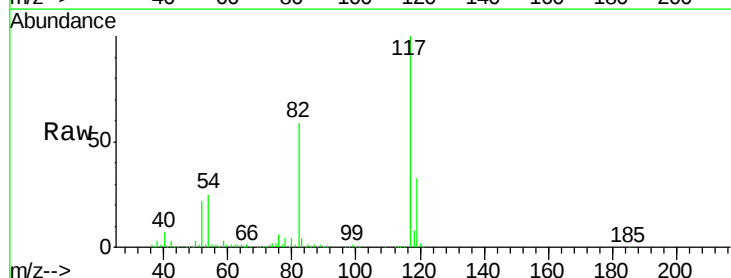
Tgt Ion: 117 Resp: 370031

Ion Ratio Lower Upper

117 100

82 59.5 46.3 69.5

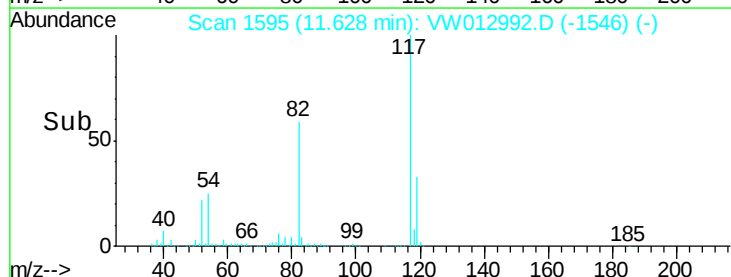
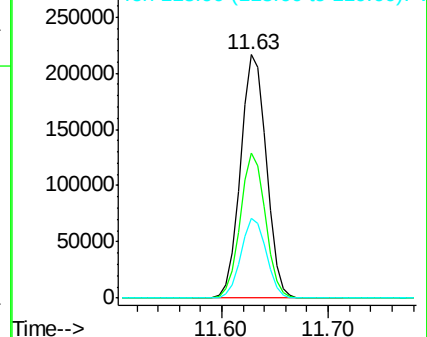
119 32.9 26.2 39.4

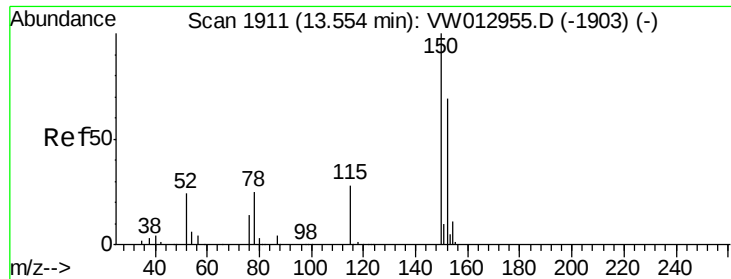


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW012992.D

Acq: 14 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

T4-3-(1.5)-HELLGATERE

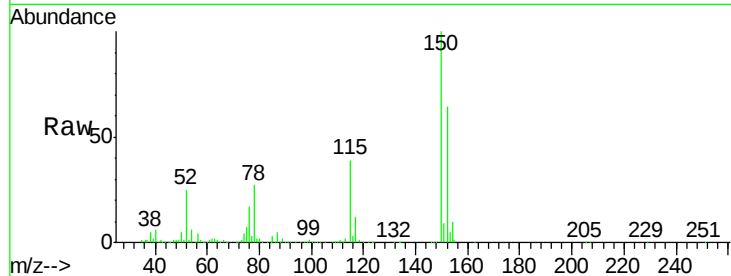
Tot Ion:152 Resp: 157982

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.4

150 156.4 0.0 340.2



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

