

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015692.D
 Acq On : 24 Jun 2020 19:17
 Operator : SY/VA
 Sample : L2818-07
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-062320

Quant Time: Jun 25 03:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

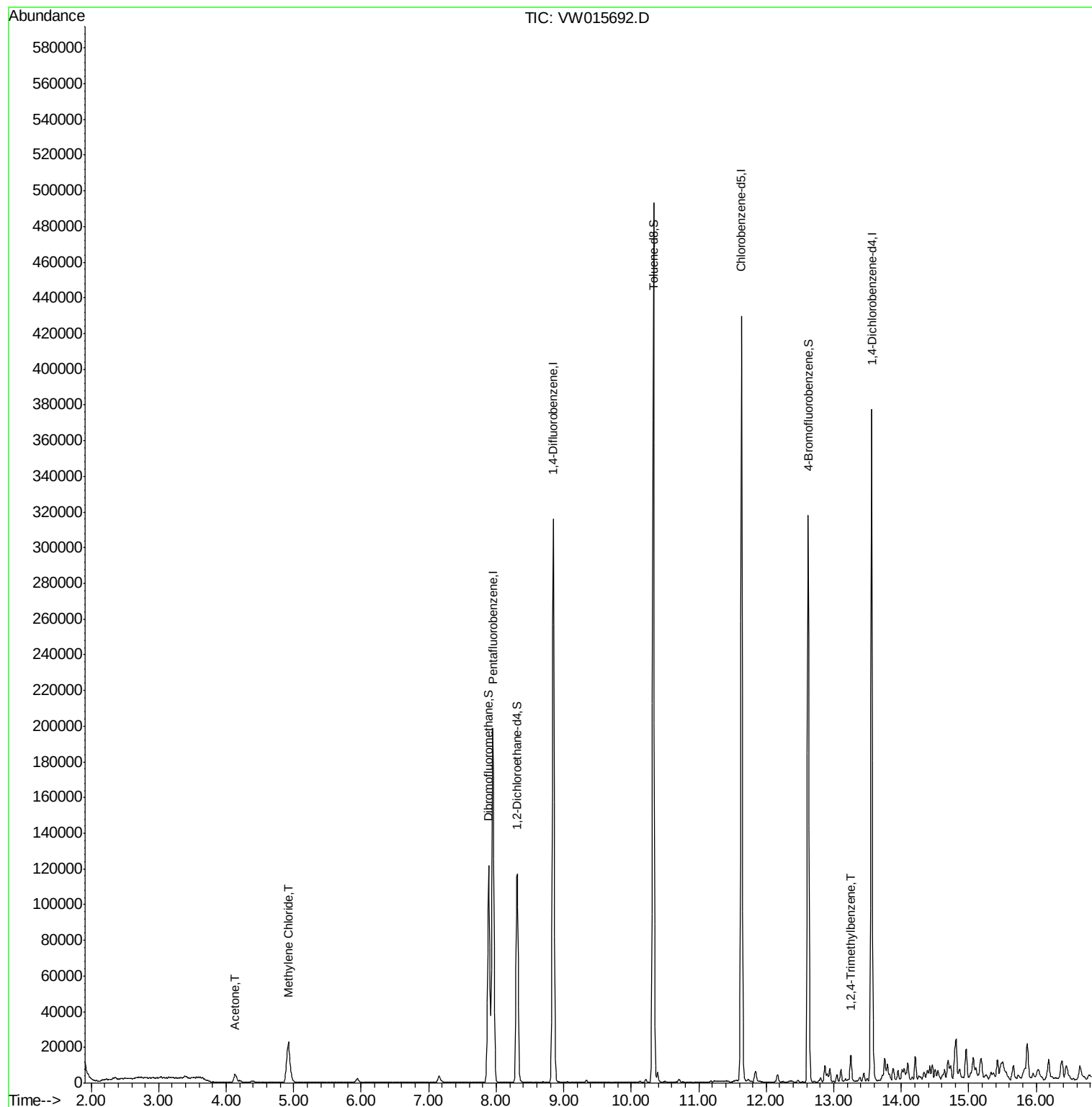
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	259722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95646	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
35) Dibromofluoromethane	7.89	113	84564	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	10.33	98	322031	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	100604	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
Target Compounds						
16) Acetone	4.14	43	8786	29.143	ug/l	94
20) Methylene Chloride	4.92	84	19127	9.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	8372	1.384	ug/l	95

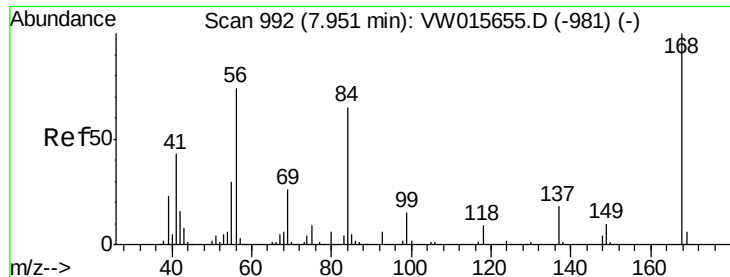
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 13:20:19 2020
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: VW015692.D

Acq: 24 Jun 2020 19:17

Instrument :

MSVOA_W

ClientSampleId :

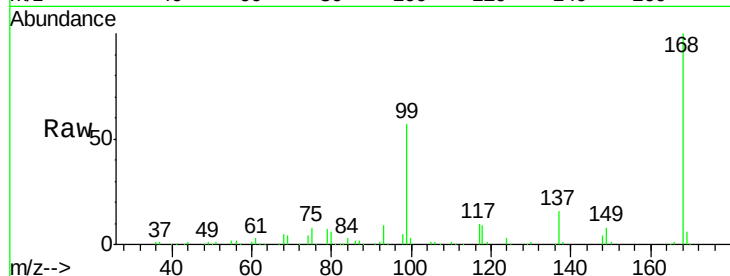
TR-05-062320

Tot Ion:168 Resp: 142532

Ion Ratio Lower Upper

168 100

99 56.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

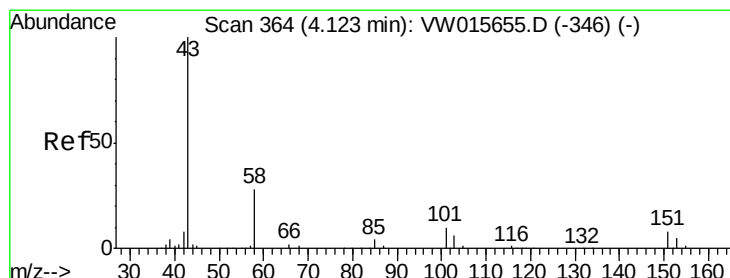
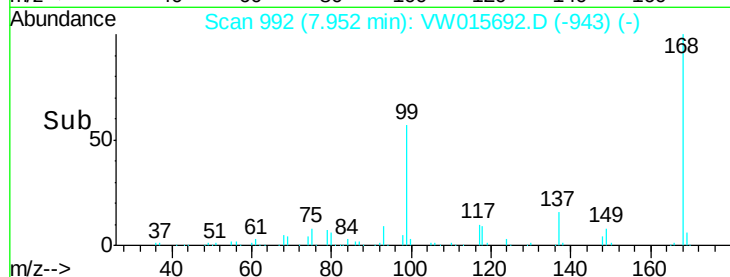
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 29.143 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015692.D

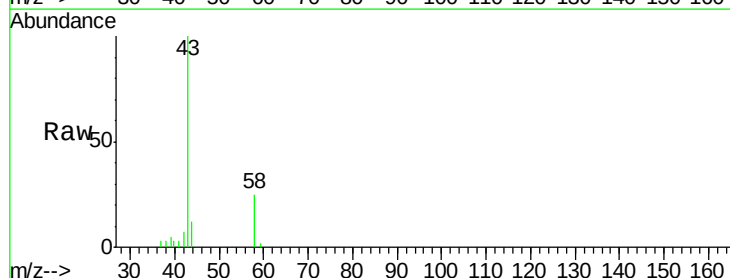
Acq: 24 Jun 2020 19:17

Tgt Ion: 43 Resp: 8786

Ion Ratio Lower Upper

43 100

58 25.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

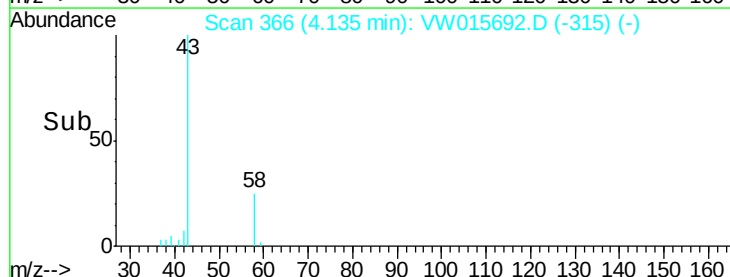
2000

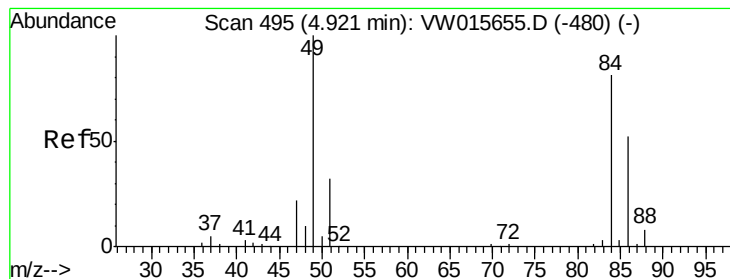
1000

0

4.00 4.10 4.20

Time-->





#20

Methvlene Chloride

Concen: 9.315 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

Instrument :

MSVOA_W

ClientSampleId :

TR-05-062320

Tot Ion: 84 Resp: 19127

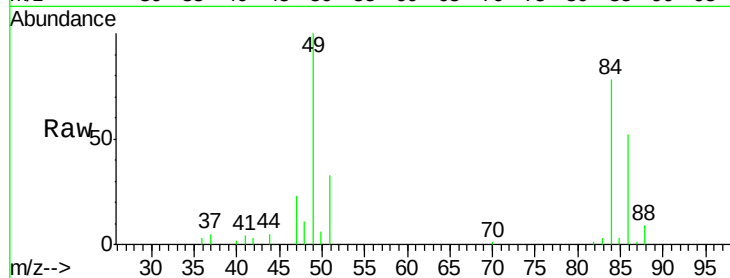
Ion Ratio Lower Upper

84 100

49 127.5 99.3 148.9

51 42.4 31.8 47.6

86 66.7 51.7 77.5

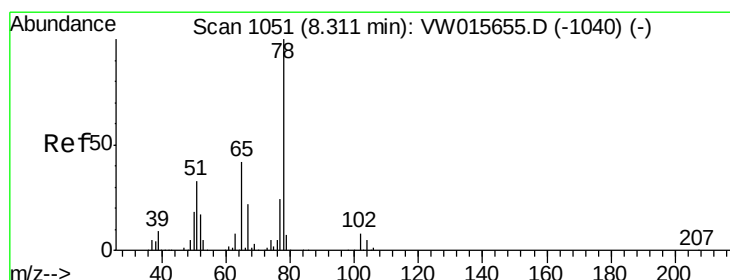
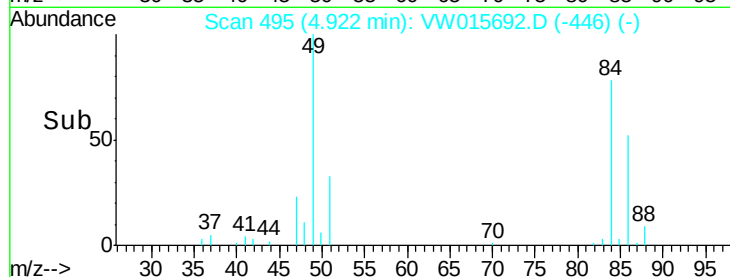
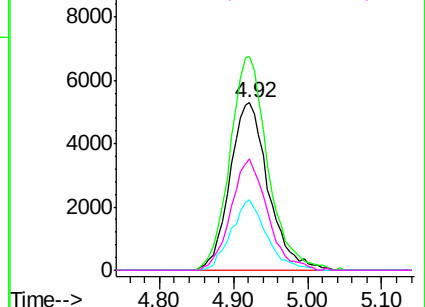


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 60.312 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015692.D

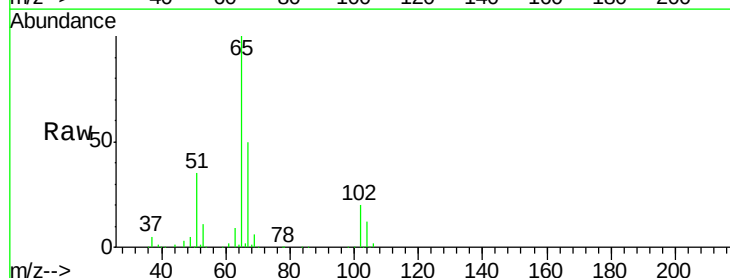
Acq: 24 Jun 2020 19:17

Tgt Ion: 65 Resp: 95646

Ion Ratio Lower Upper

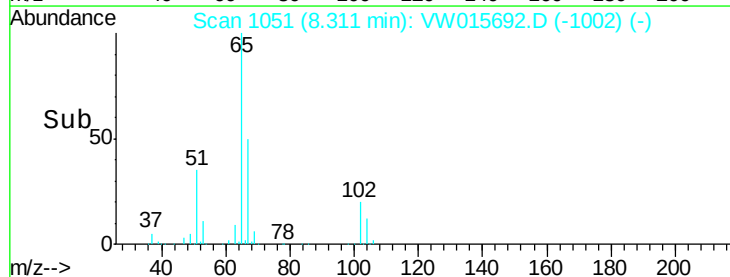
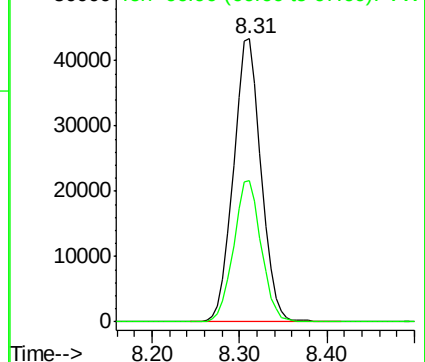
65 100

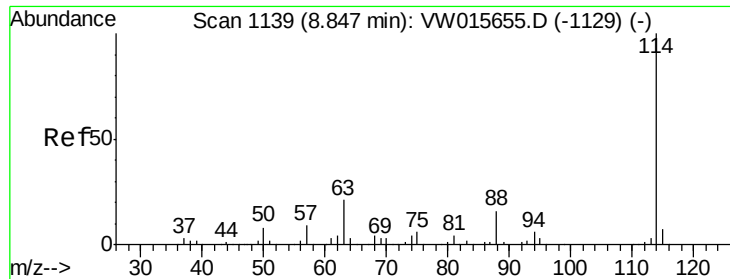
67 49.9 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

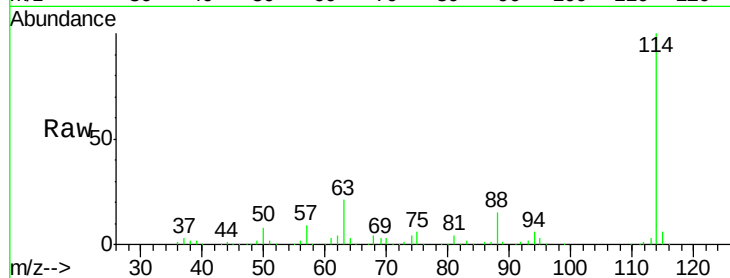




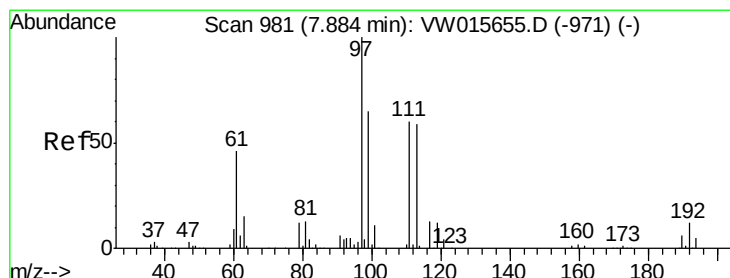
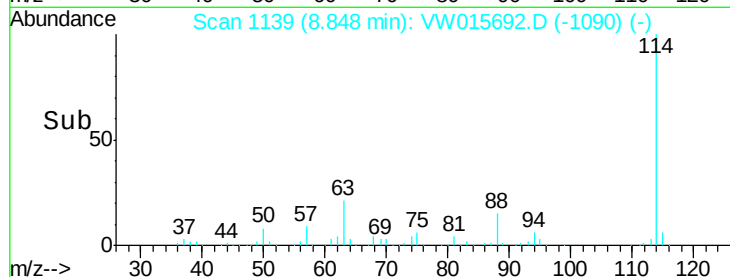
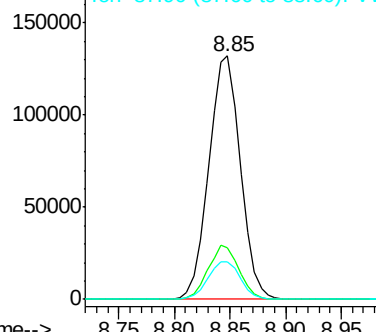
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015692.D
Acq: 24 Jun 2020 19:17

Instrument :
MSVOA_W
ClientSampleId :
TR-05-062320

Tot Ion:114 Resp: 259722
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.3 0.0 32.6

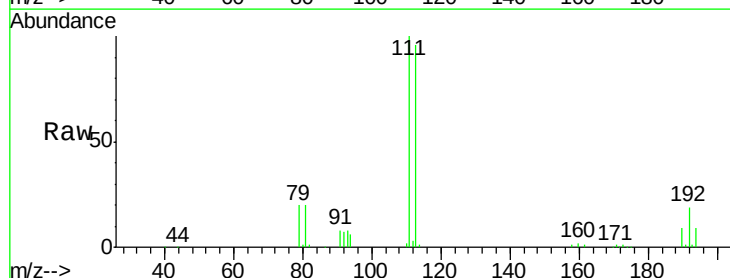


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

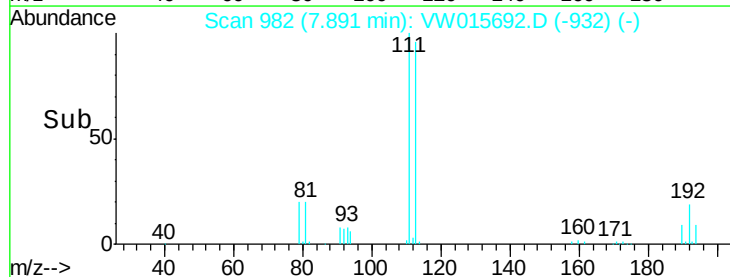
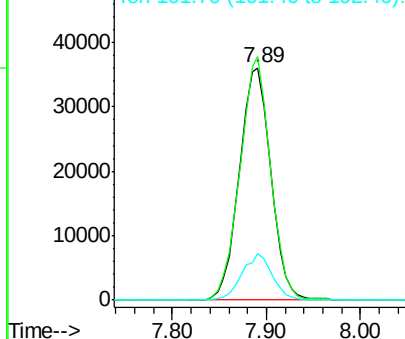


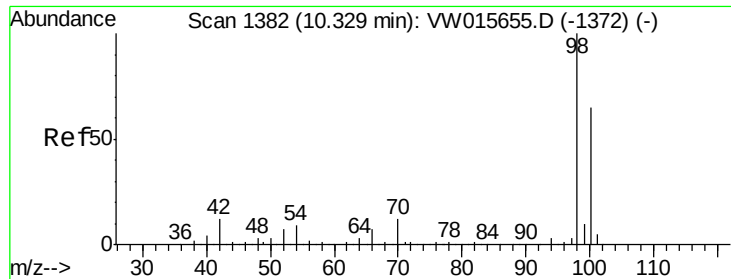
#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015692.D
Acq: 24 Jun 2020 19:17

Tgt Ion:113 Resp: 84564
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 19.1 16.4 24.6



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: 50.088 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

Instrument :

MSVOA_W

ClientSampleId :

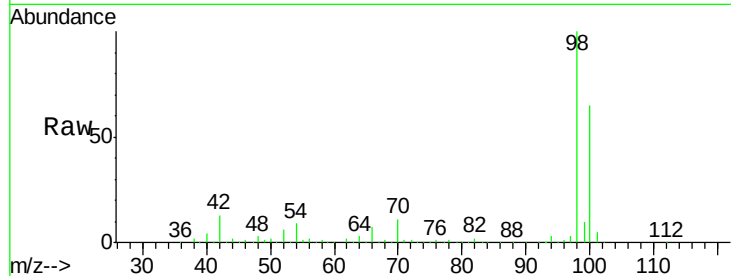
TR-05-062320

Tot Ion: 98 Resp: 322031

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

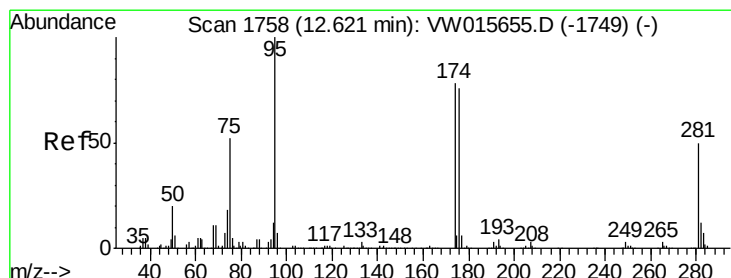
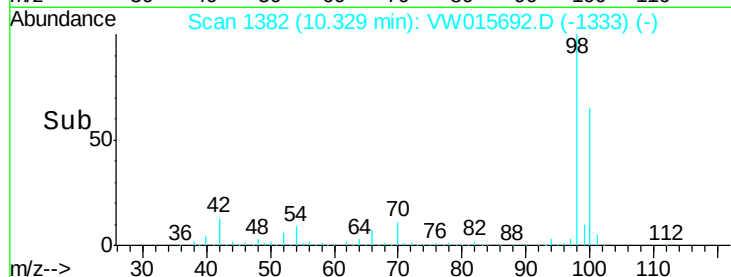
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.489 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

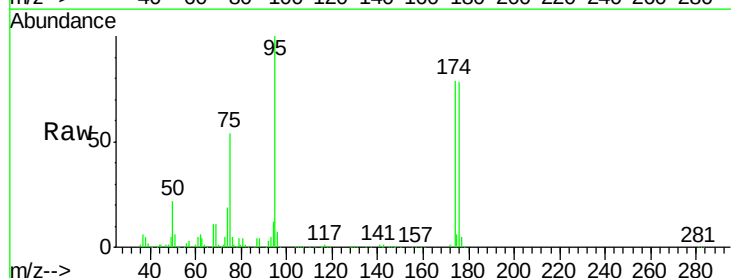
Tgt Ion: 95 Resp: 100604

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

176 75.0 0.0 151.4



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

12.62

80000

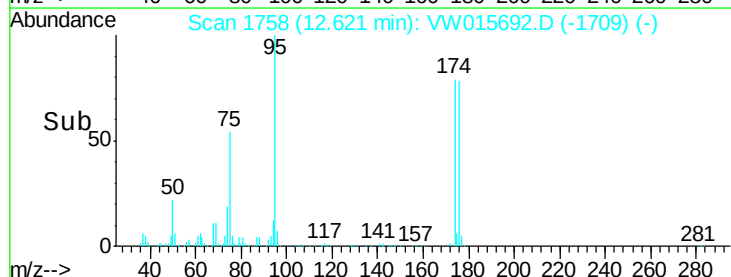
60000

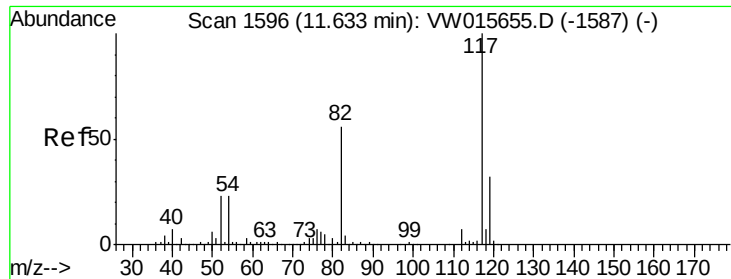
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

Instrument :

MSVOA_W

ClientSampleId :

TR-05-062320

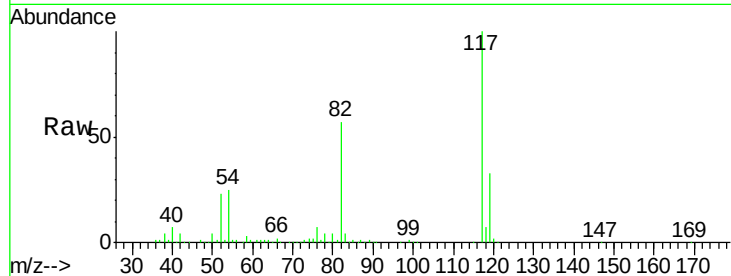
Tot Ion:117 Resp: 229556

Ion Ratio Lower Upper

117 100

82 57.1 45.1 67.7

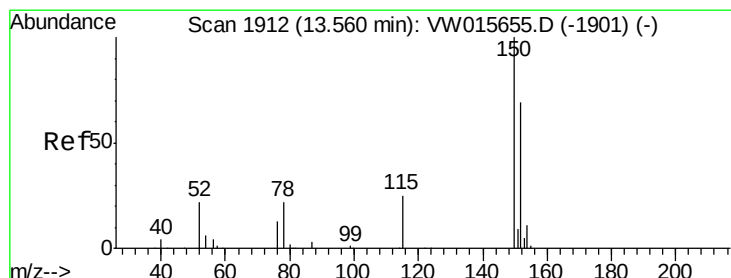
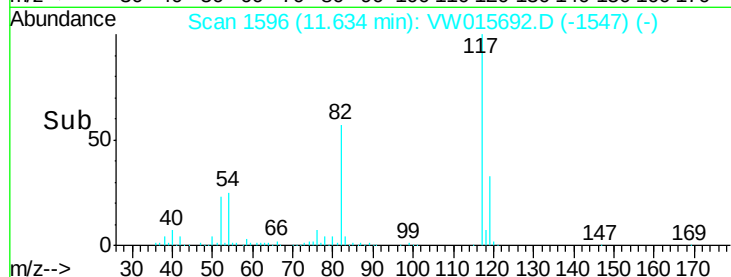
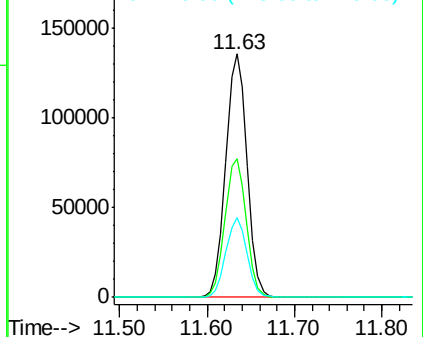
119 33.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

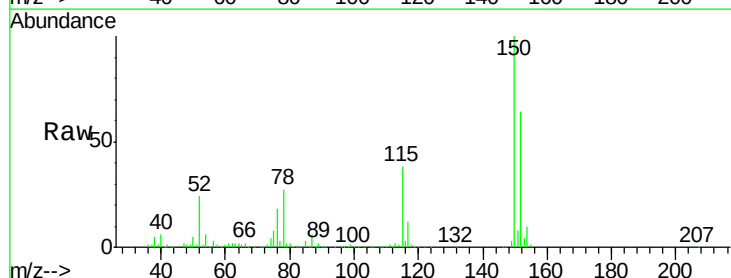
Tgt Ion:152 Resp: 93811

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.5

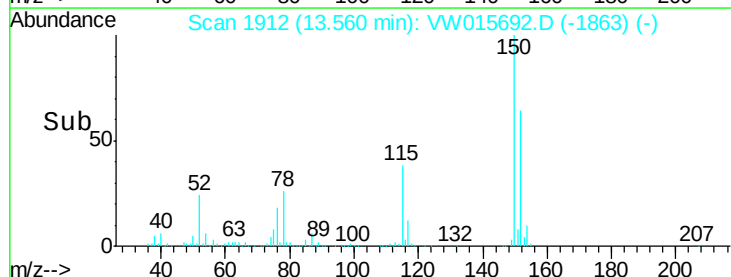
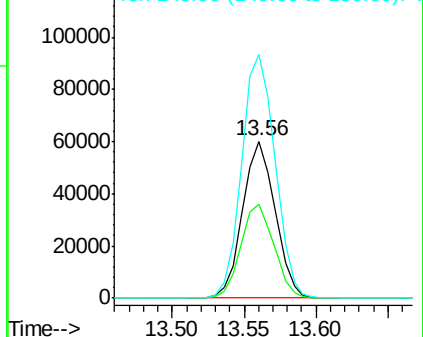
150 159.9 0.0 345.6

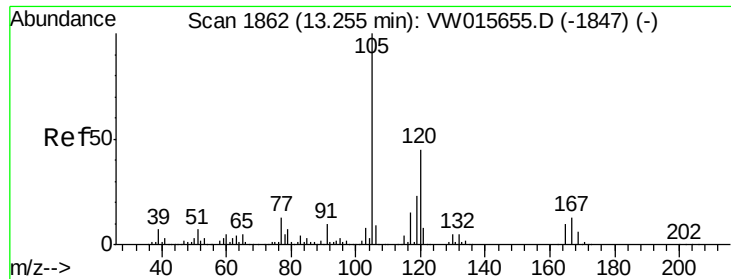


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.384 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW015692.D

Acq: 24 Jun 2020 19:17

Instrument :

MSVOA_W

ClientSampleId :

TR-05-062320

Tot Ion:105 Resp: 8372

Ion Ratio Lower Upper

105 100

120 42.5 22.8 68.3

