

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015732.D
 Acq On : 25 Jun 2020 16:42
 Operator : SY/VA
 Sample : L3126-02
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2

Quant Time: Jun 26 03:29:34 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

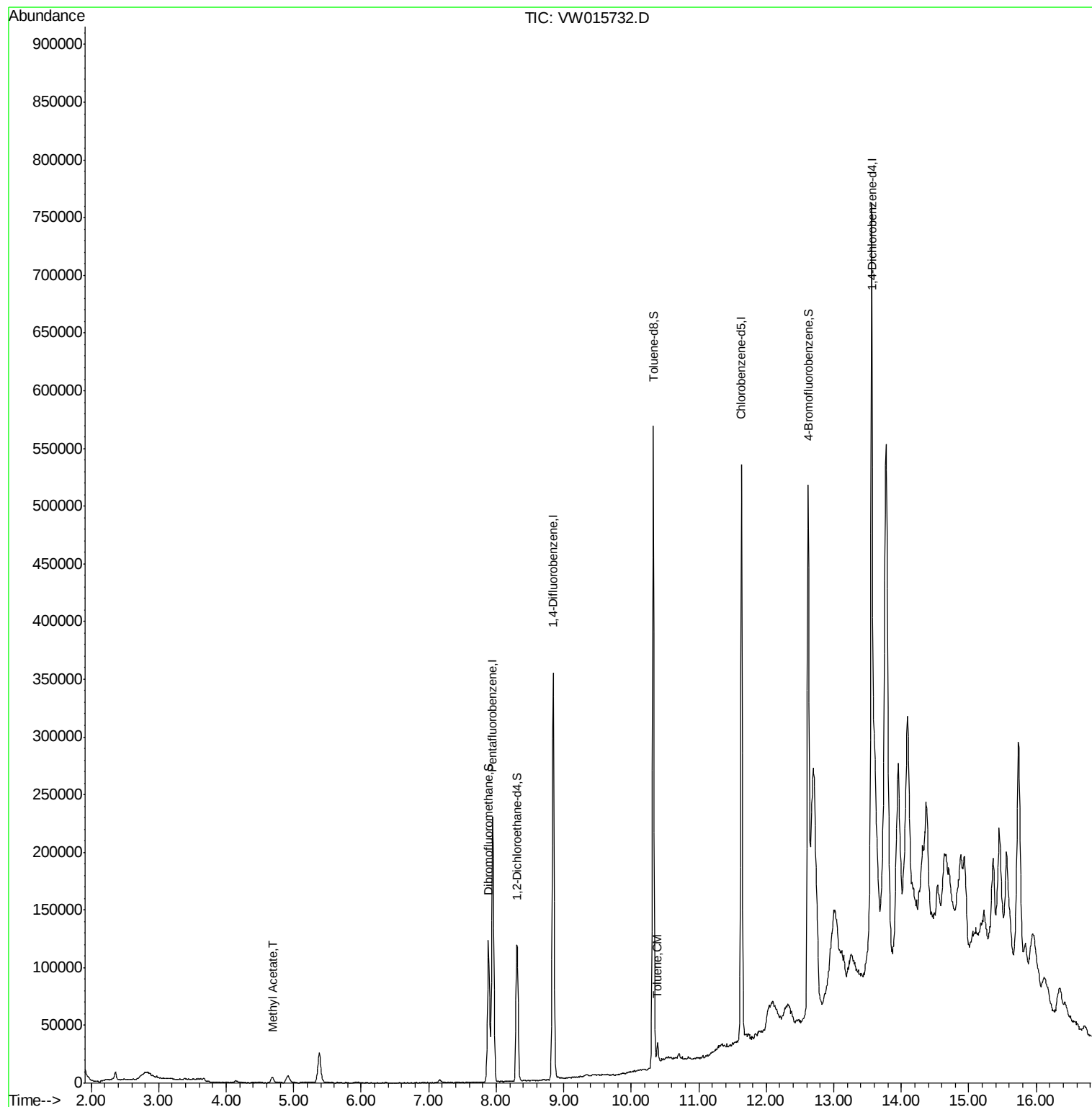
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97581	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	86084	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.32	98	355478	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	146117	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
Target Compounds						
18) Methyl Acetate	4.68	43	9943	9.764	ug/l	99
52) Toluene	10.40	92	7244	1.383	ug/l	99

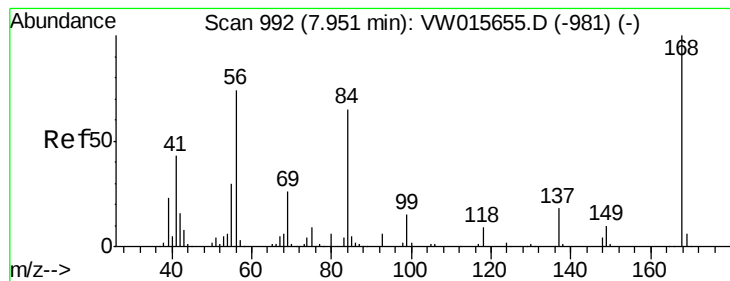
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015732.D

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MSVOA_W

ClientSampleId :

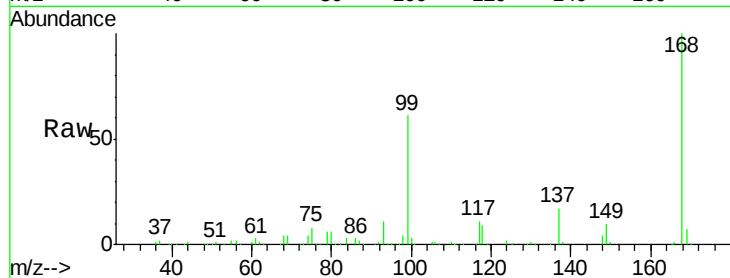
TP-8-S2

Tot Ion:168 Resp: 168391

Ion Ratio Lower Upper

168 100

99 60.7 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

80000

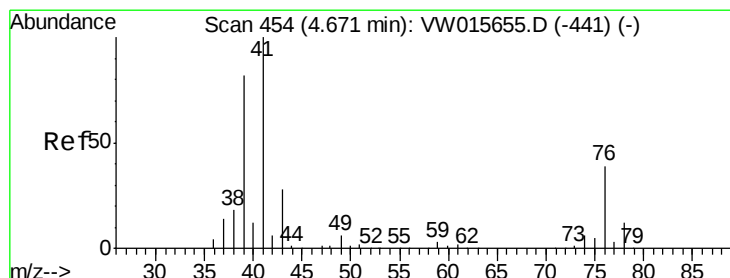
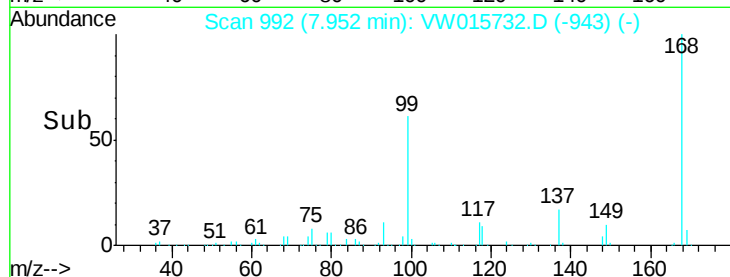
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#18

Methyl Acetate

Concen: 9.764 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015732.D

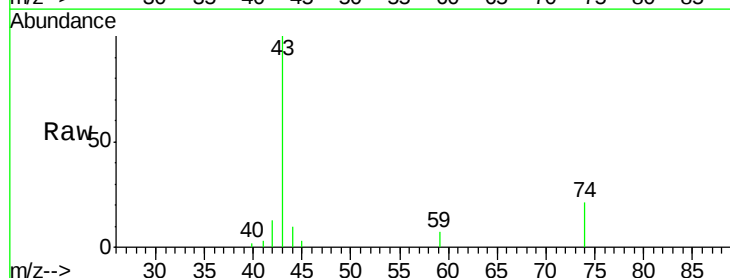
Acq: 25 Jun 2020 16:42

Tgt Ion: 43 Resp: 9943

Ion Ratio Lower Upper

43 100

74 23.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

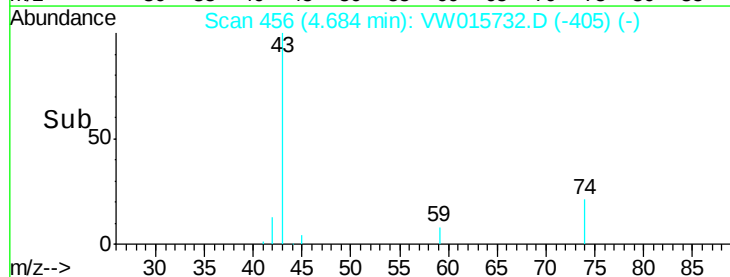
3000

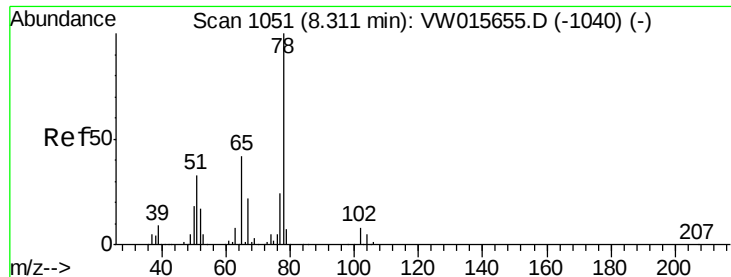
2000

1000

0

Time--> 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 52.083 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015732.D

Acq: 25 Jun 2020 16:42

Instrument :

MSVOA_W

ClientSampleId :

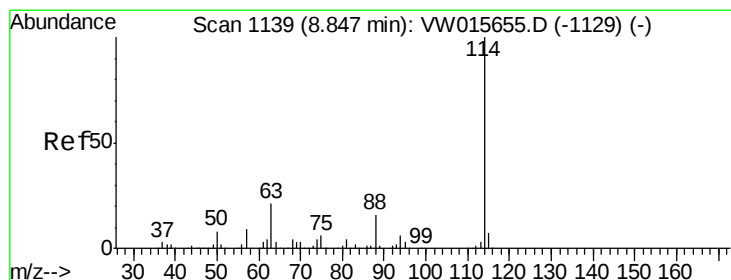
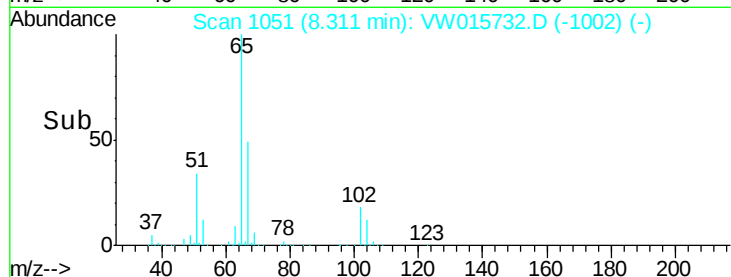
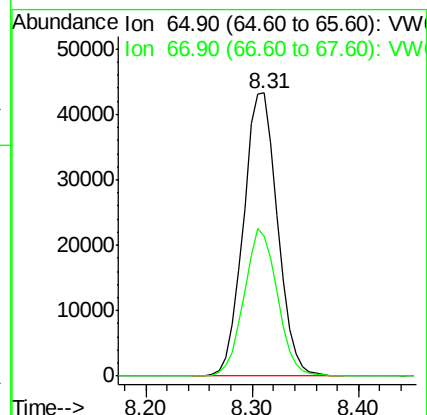
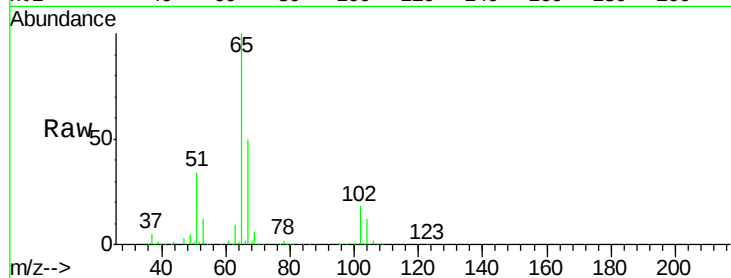
TP-8-S2

Tot Ion: 65 Resp: 97581

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015732.D

Acq: 25 Jun 2020 16:42

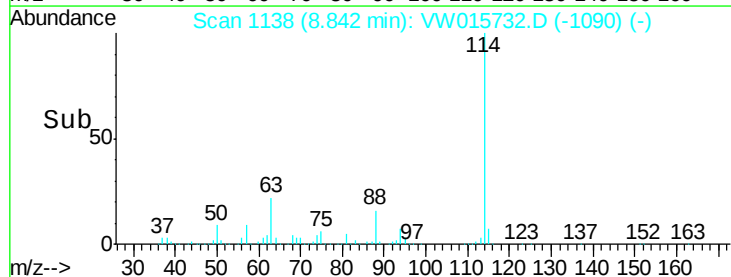
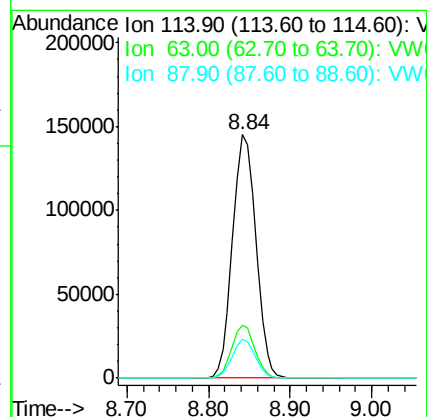
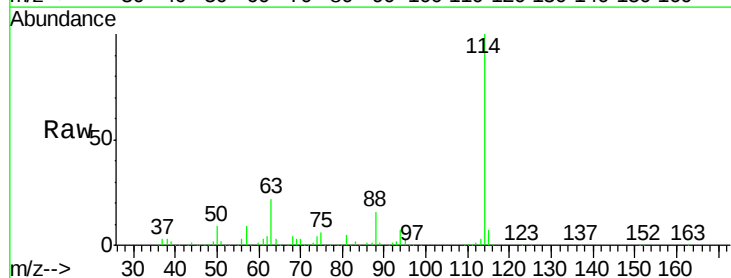
Tgt Ion: 114 Resp: 286913

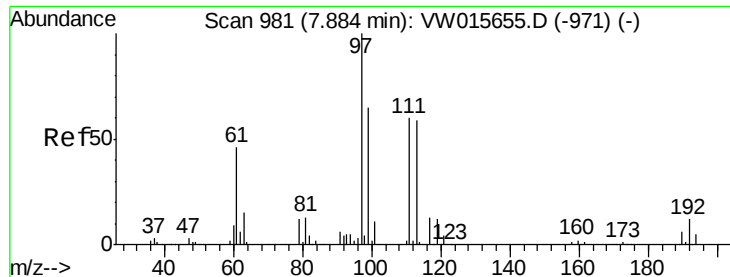
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.0 0.0 32.6

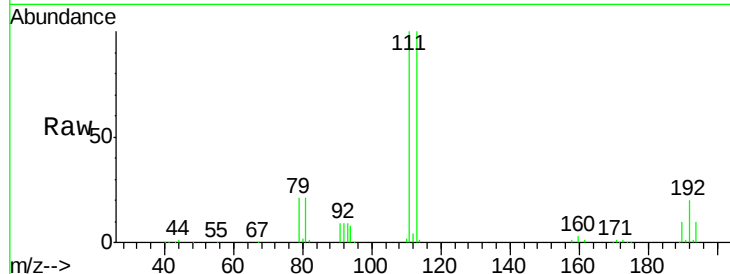




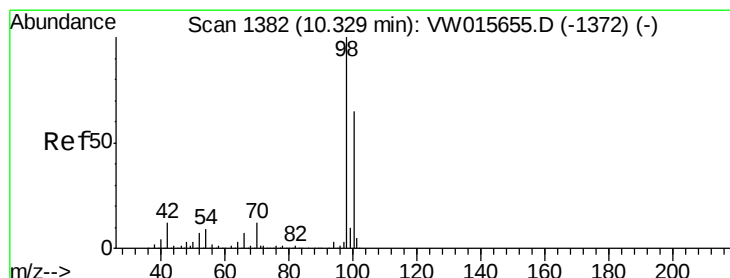
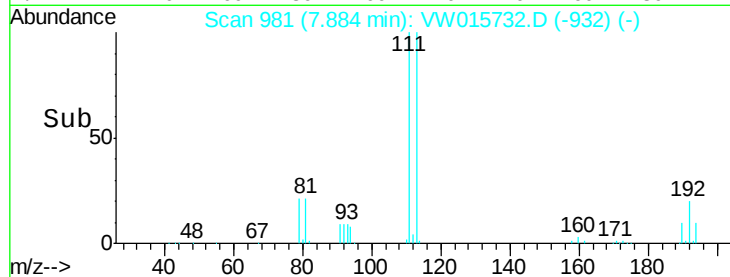
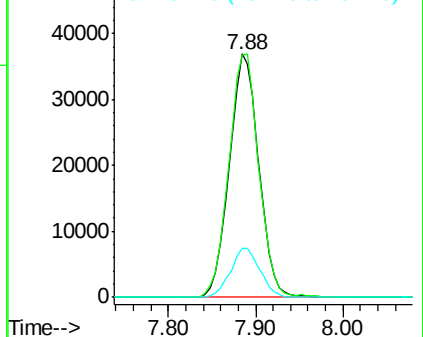
#35
 Dibromofluoromethane
 Concen: 47.698 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015732.D
 Acq: 25 Jun 2020 16:42

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S2

Tot Ion:113 Resp: 86084
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 20.2 16.4 24.6

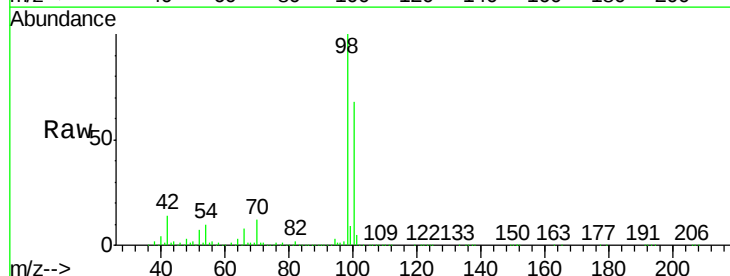


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

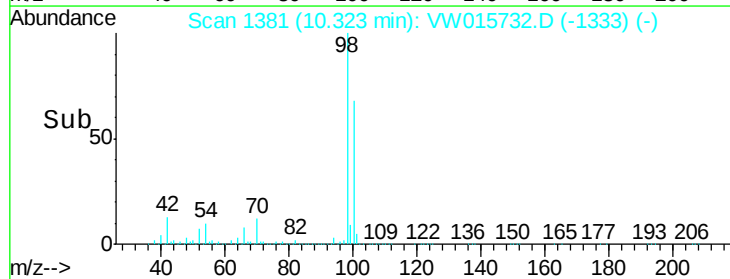
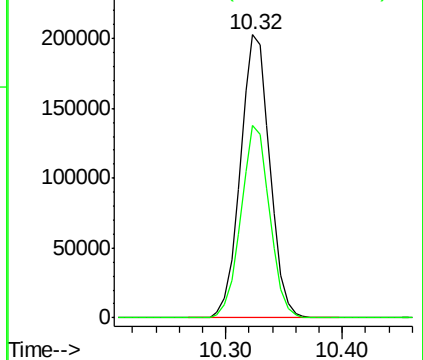


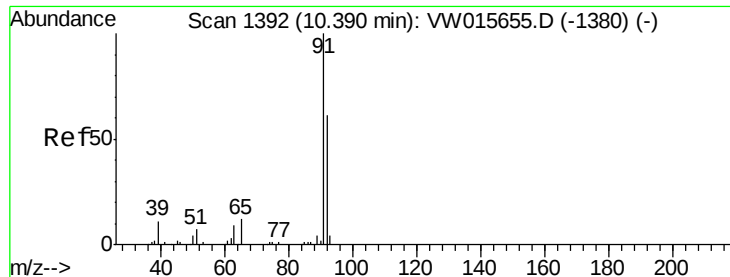
#50
 Toluene-d8
 Concen: 50.050 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW015732.D
 Acq: 25 Jun 2020 16:42

Tgt Ion: 98 Resp: 355478
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.383 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW015732.D

Acq: 25 Jun 2020 16:42

Instrument :

MSVOA_W

ClientSampleId :

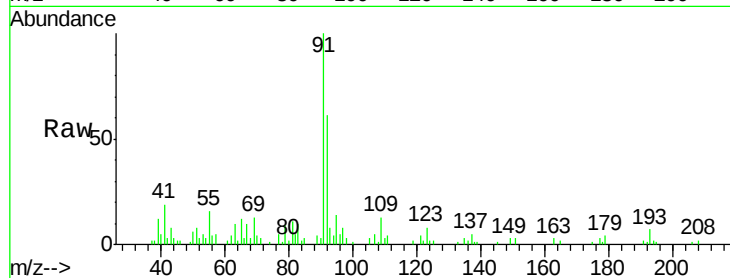
TP-8-S2

Tot Ion: 92 Resp: 7244

Ion Ratio Lower Upper

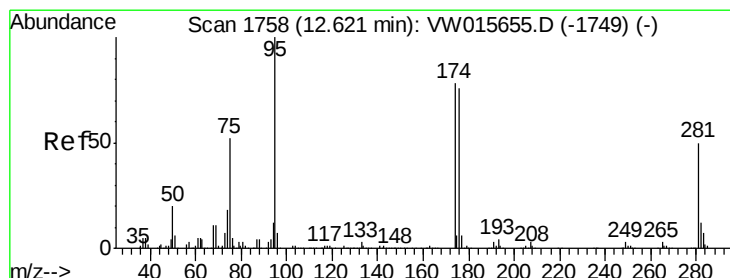
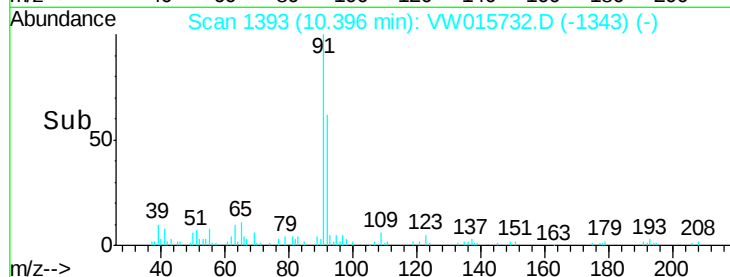
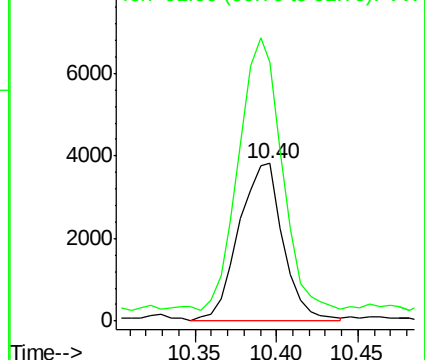
92 100

91 167.6 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 55.862 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015732.D

Acq: 25 Jun 2020 16:42

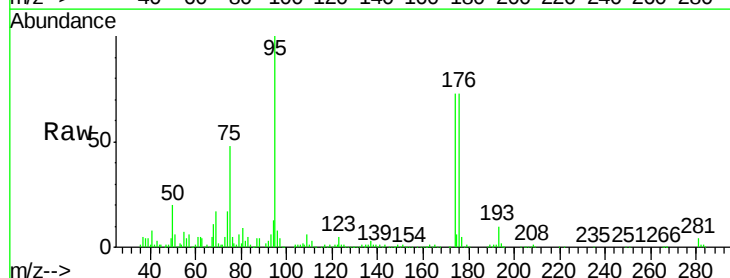
Tgt Ion: 95 Resp: 146117

Ion Ratio Lower Upper

95 100

174 68.1 0.0 157.0

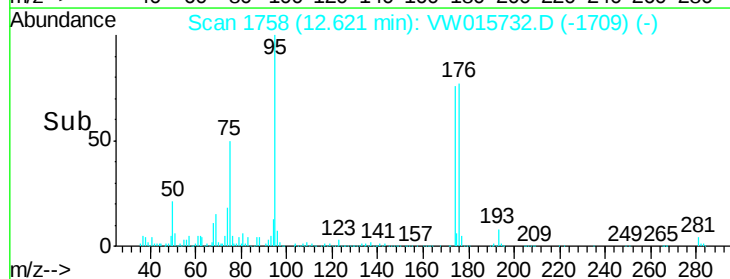
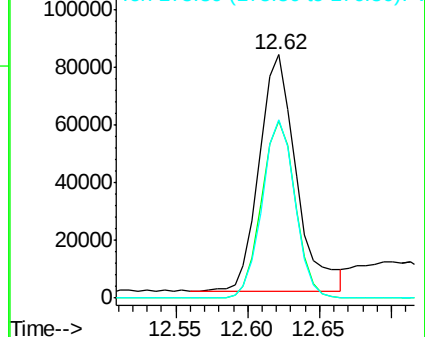
176 66.4 0.0 151.4

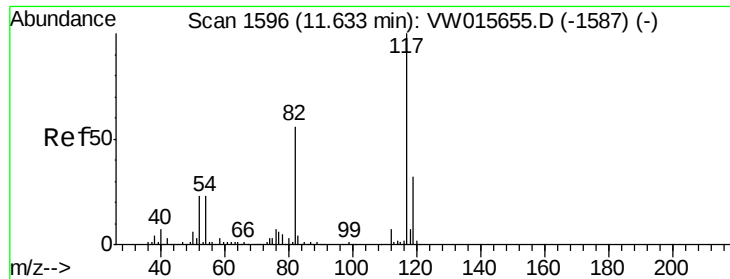


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

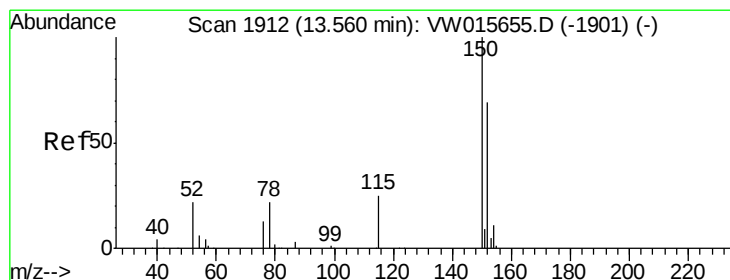
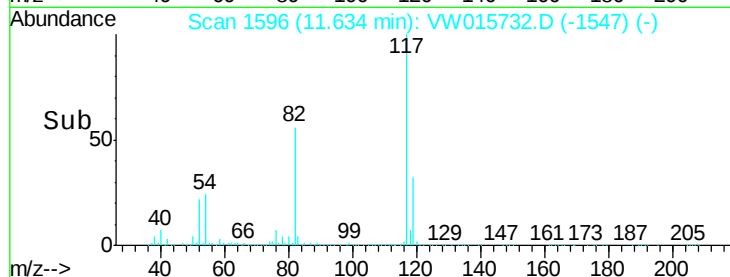
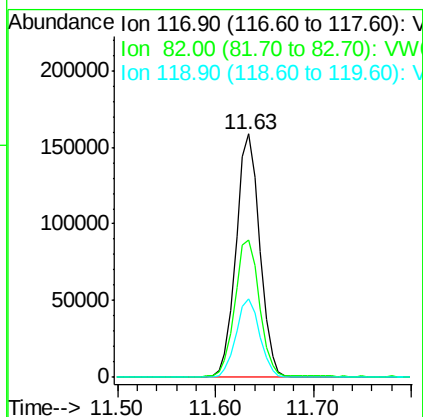
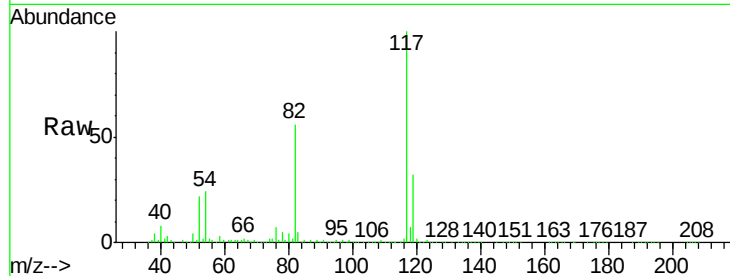




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015732.D
Acq: 25 Jun 2020 16:42

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S2

Tot Ion:117 Resp: 266566
Ion Ratio Lower Upper
117 100
82 55.9 45.1 67.7
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015732.D
Acq: 25 Jun 2020 16:42

Tgt Ion:152 Resp: 139139
Ion Ratio Lower Upper
152 100
115 55.9 30.1 90.5
150 146.0 0.0 345.6

