

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010637.D
 Acq On : 31 May 2019 15:28
 Operator : SY/VA
 Sample : K3105-05
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRIANGLE

Quant Time: Jun 01 05:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

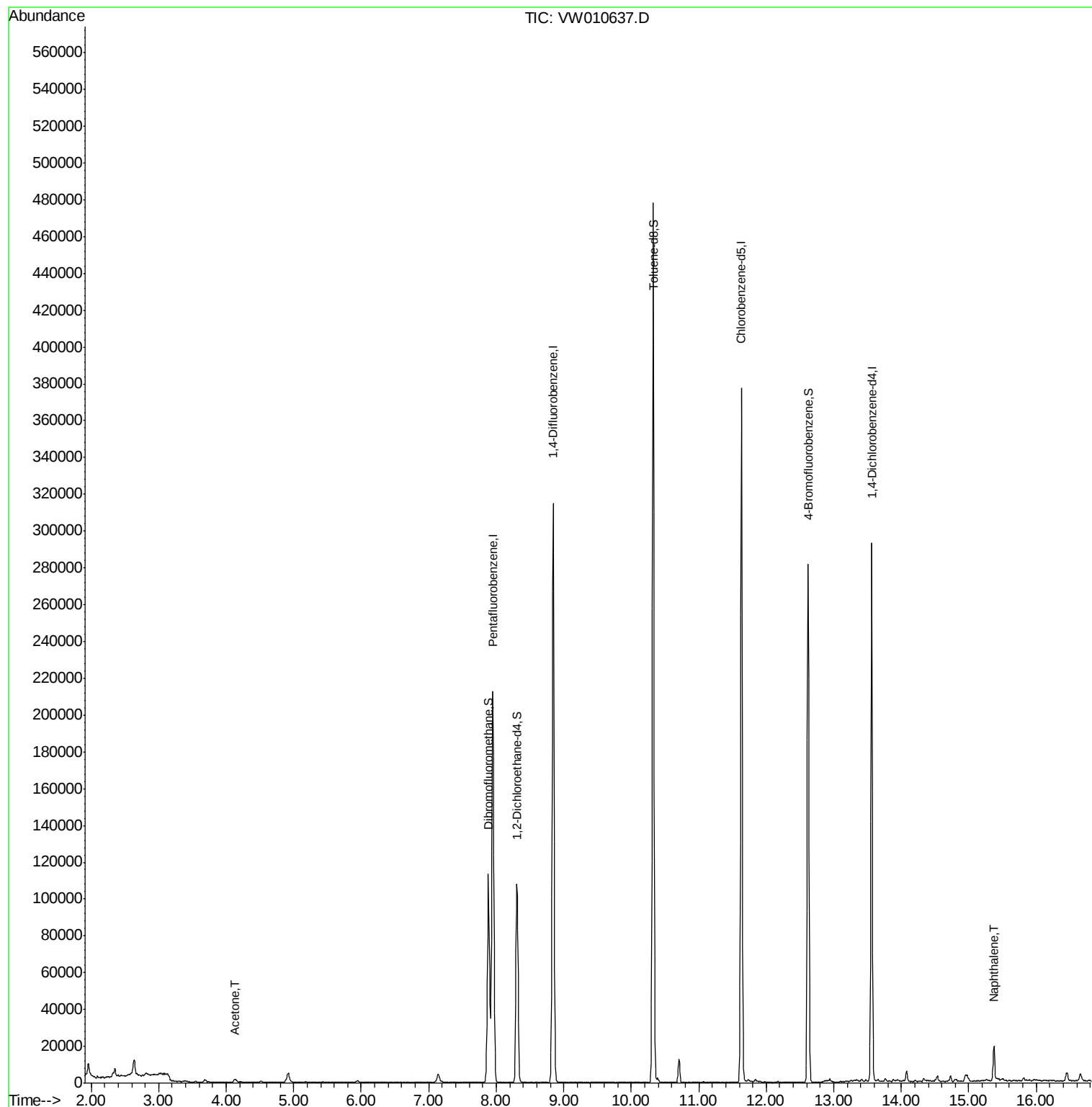
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	161216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	279479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	225878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85571	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.88	113	82247	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.32	98	330184	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	103120	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	
Target Compounds						
16) Acetone	4.14	43	3406	10.028	ug/l	94
95) Naphthalene	15.37	128	17528	5.039	ug/l	99

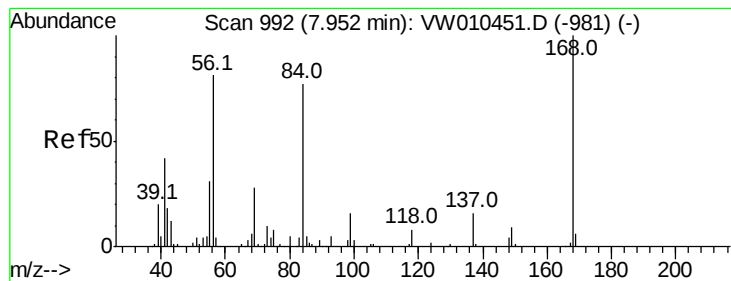
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053119\
Data File : VW010637.D
Acq On : 31 May 2019 15:28
Operator : SY/VA
Sample : K3105-05
Misc : 5.71G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE

Quant Time: Jun 01 05:27:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010637.D

Acq: 31 May 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

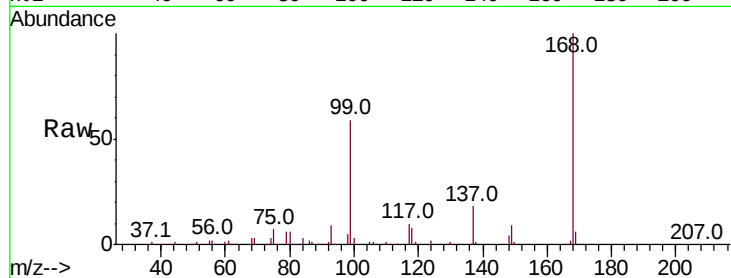
TRIANGLE

Tot Ion:168 Resp: 161216

Ion Ratio Lower Upper

168 100

99 59.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

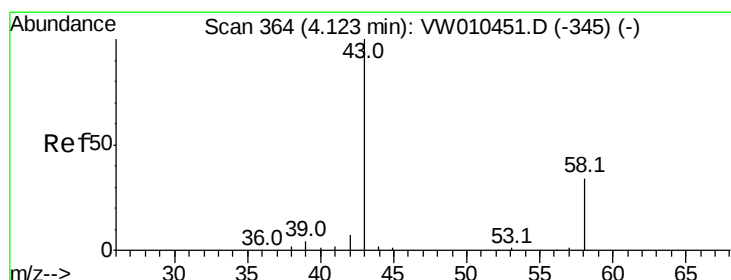
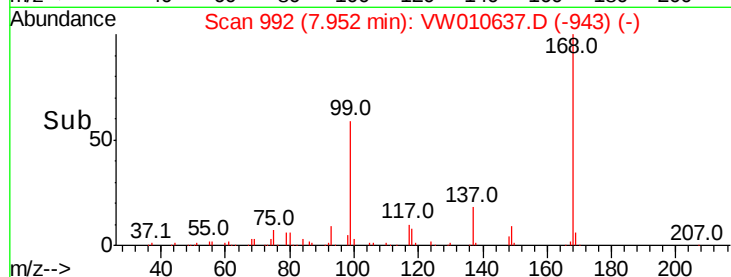
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 10.028 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010637.D

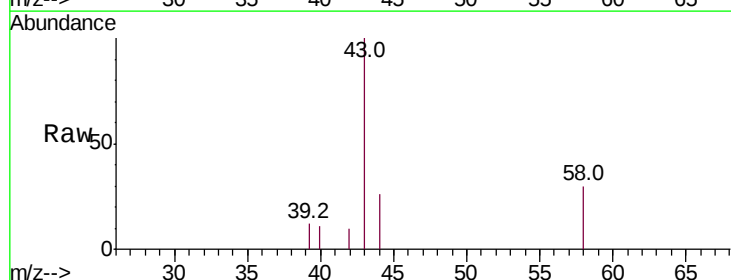
Acq: 31 May 2019 15:28

Tgt Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

58 30.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

600

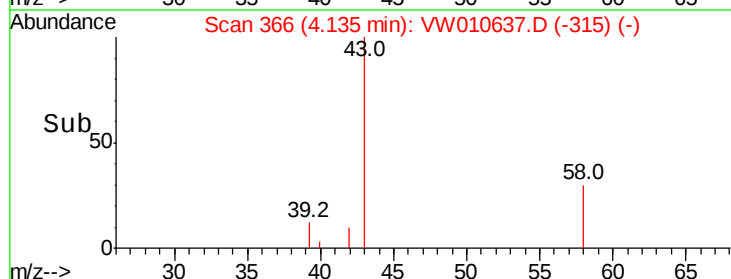
400

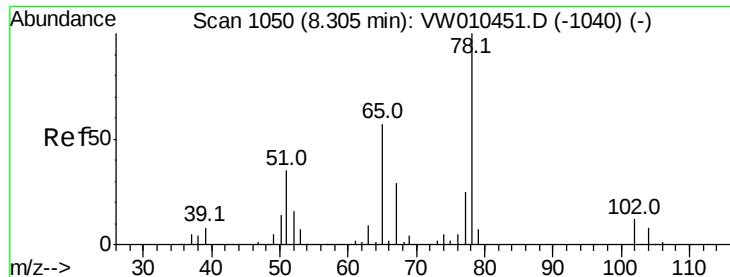
200

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.424 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010637.D

Acq: 31 May 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

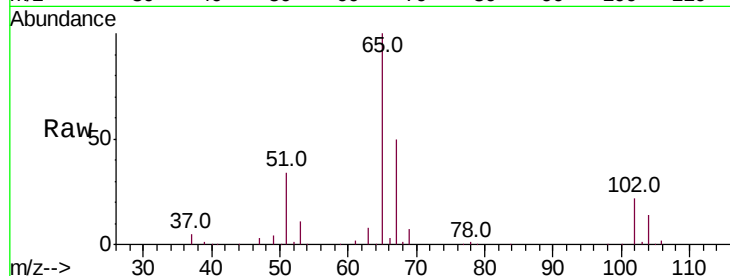
TRIANGLE

Tot Ion: 65 Resp: 85571

Ion Ratio Lower Upper

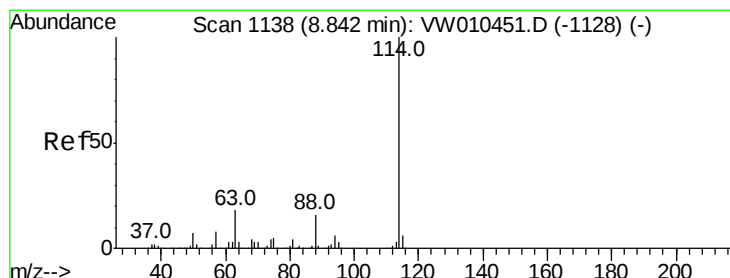
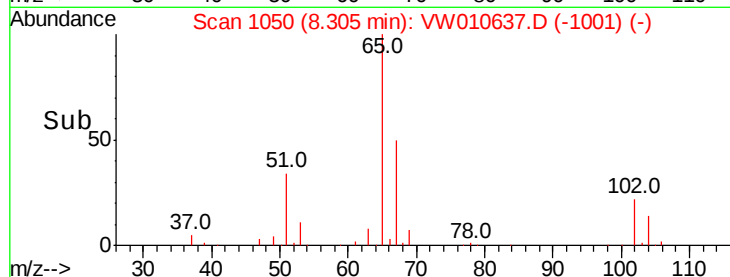
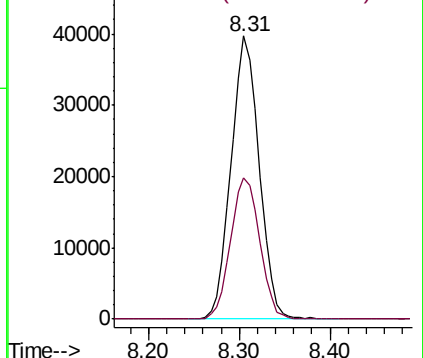
65 100

67 51.7 0.0 103.6



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010637.D

Acq: 31 May 2019 15:28

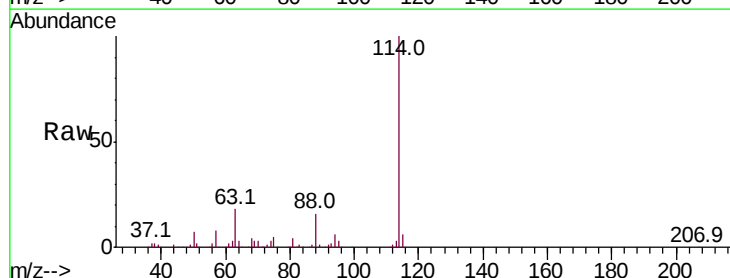
Tgt Ion:114 Resp: 279479

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

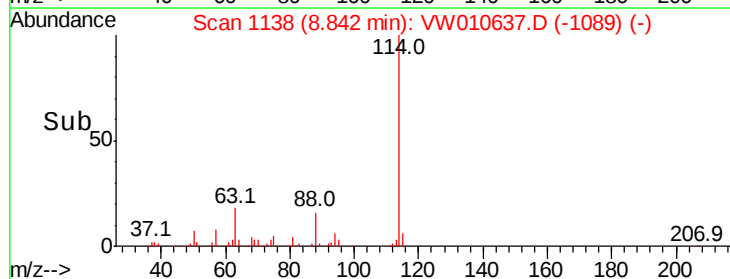
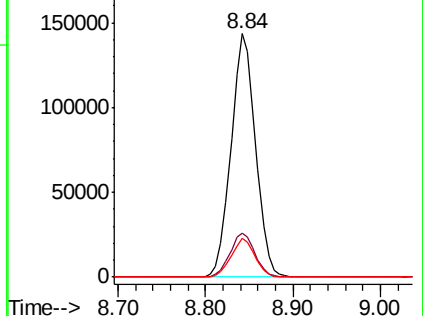
88 16.0 0.0 32.0

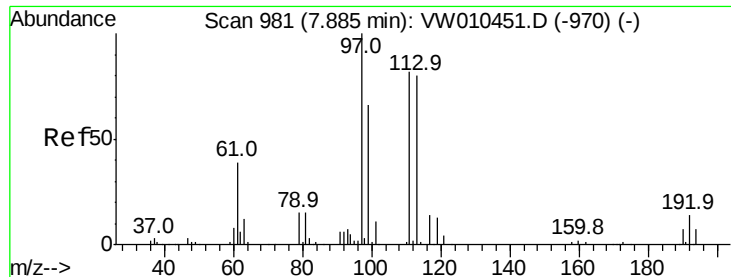


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

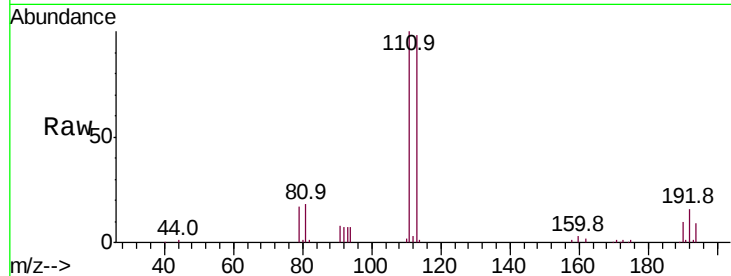




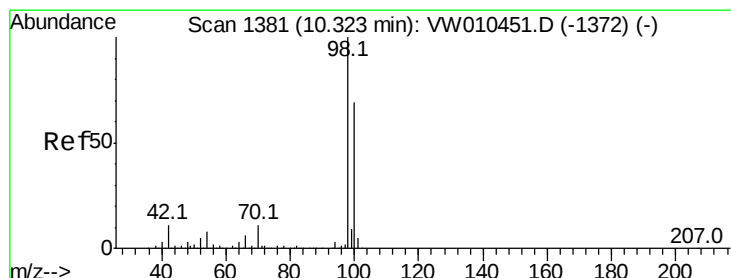
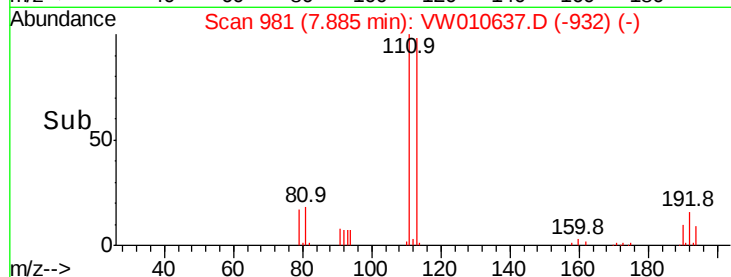
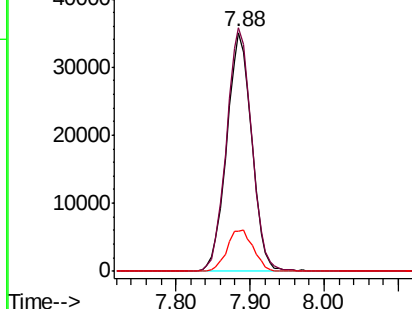
#35
 Dibromofluoromethane
 Concen: 48.500 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010637.D
 Acq: 31 May 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 TRIANGLE

Tot Ion:113 Resp: 82247
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.2 14.3 21.5

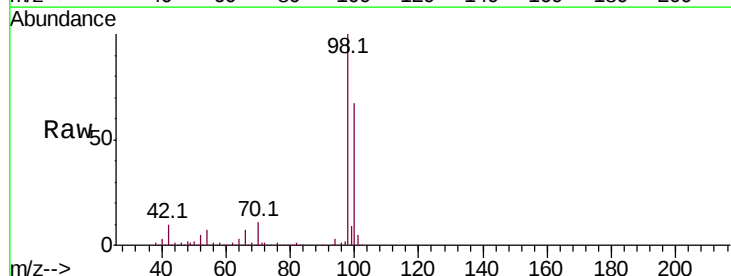


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

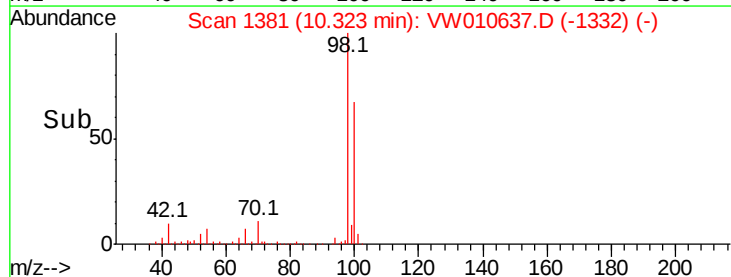
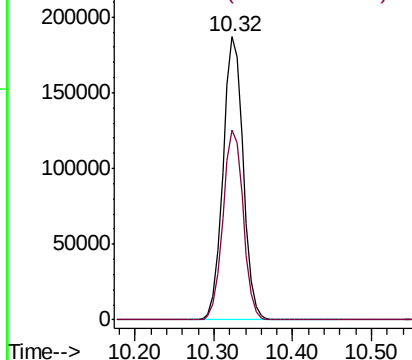


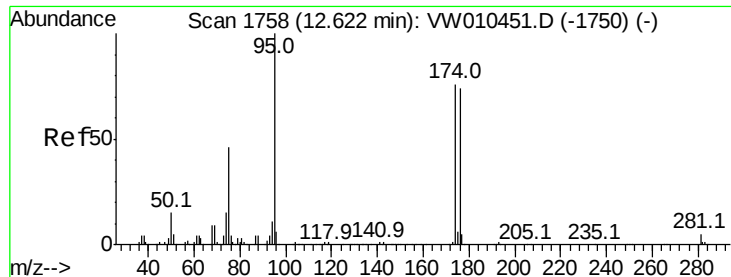
#50
 Toluene-d8
 Concen: 50.967 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010637.D
 Acq: 31 May 2019 15:28

Tgt Ion: 98 Resp: 330184
 Ion Ratio Lower Upper
 98 100
 100 67.8 53.7 80.5



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





#62

4-Bromofluorobenzene

Concen: 39.962 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010637.D

Acq: 31 May 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

TRIANGLE

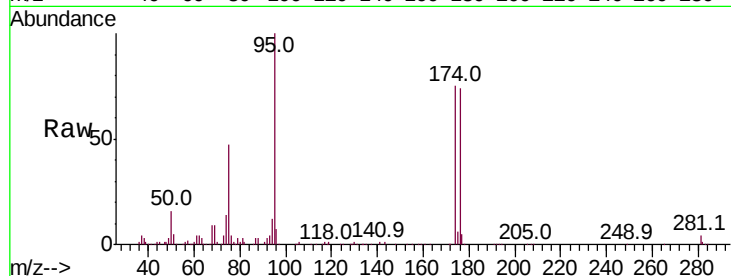
Tot Ion: 95 Resp: 103120

Ion Ratio Lower Upper

95 100

174 72.8 0.0 148.6

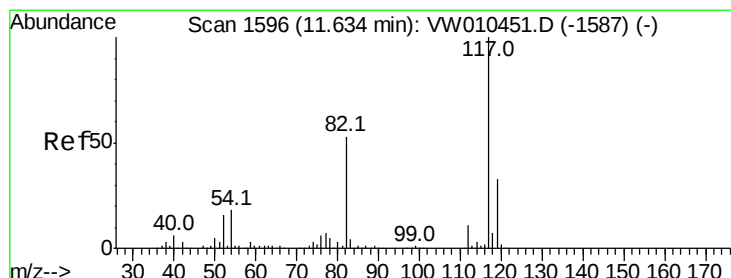
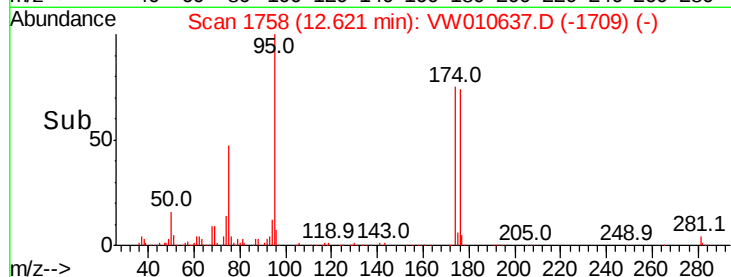
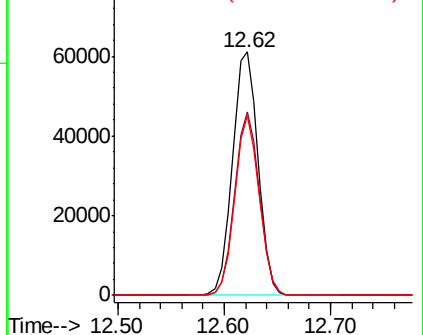
176 70.5 0.0 144.2



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# 1596

Delta R.T. -0.00 min

Lab File: VW010637.D

Acq: 31 May 2019 15:28

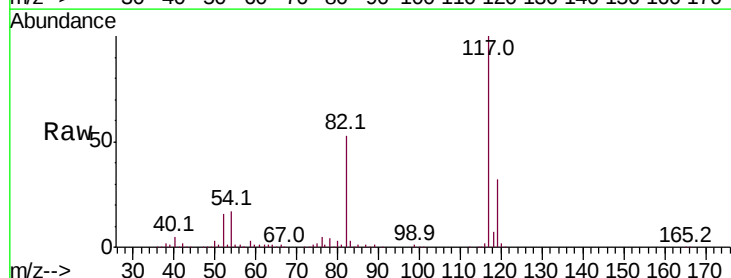
Tgt Ion: 117 Resp: 225878

Ion Ratio Lower Upper

117 100

82 53.1 42.8 64.2

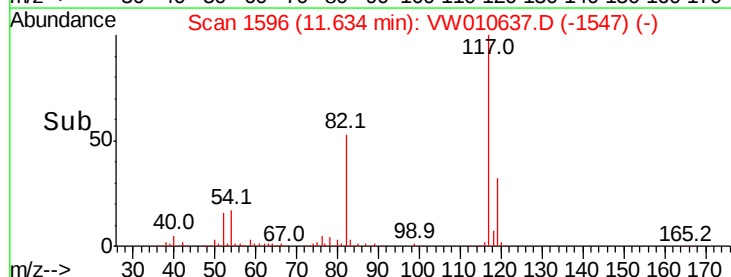
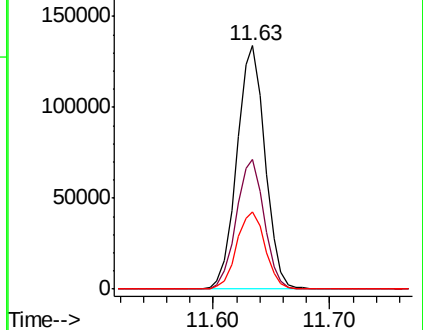
119 31.8 26.3 39.5

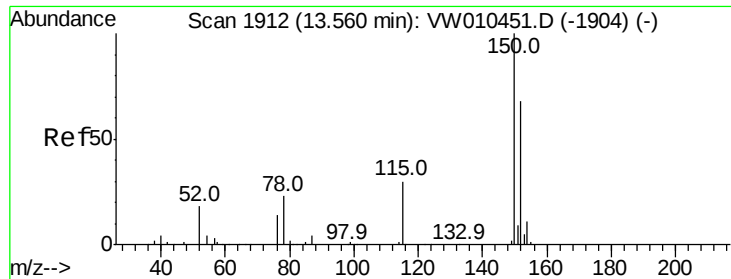


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



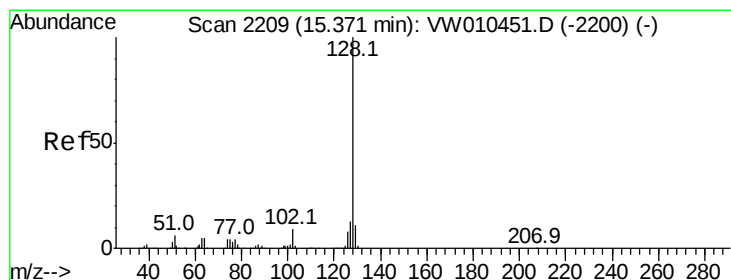
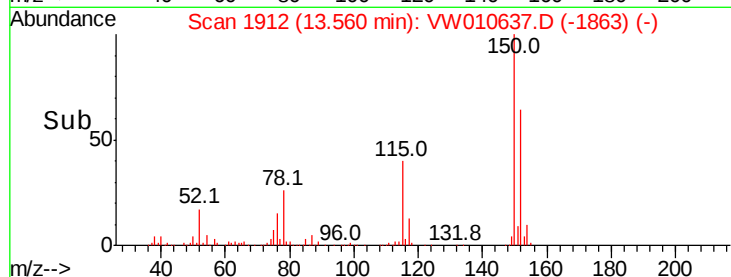
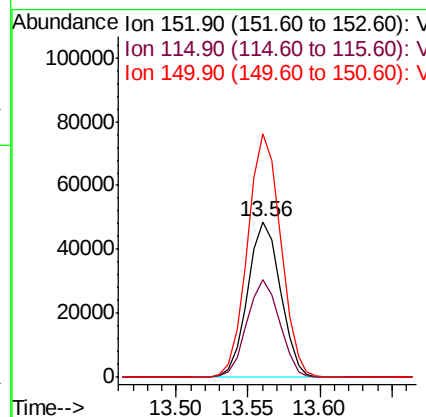
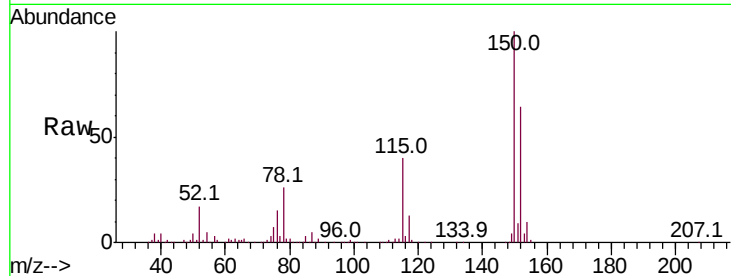


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010637.D
Acq: 31 May 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
TRIANGLE

Tot Ion:152 Resp: 76717
Ion Ratio Lower Upper
152 100
115 62.6 30.3 91.0
150 158.2 0.0 349.8



#95

Naphthalene
Concen: 5.039 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010637.D
Acq: 31 May 2019 15:28

Tgt Ion:128 Resp: 17528
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.8 8.9 13.3

