

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011043.D
 Acq On : 28 Jun 2019 04:08
 Operator : SY/VA
 Sample : K3157-19
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-062619-E

Quant Time: Jun 28 09:09:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

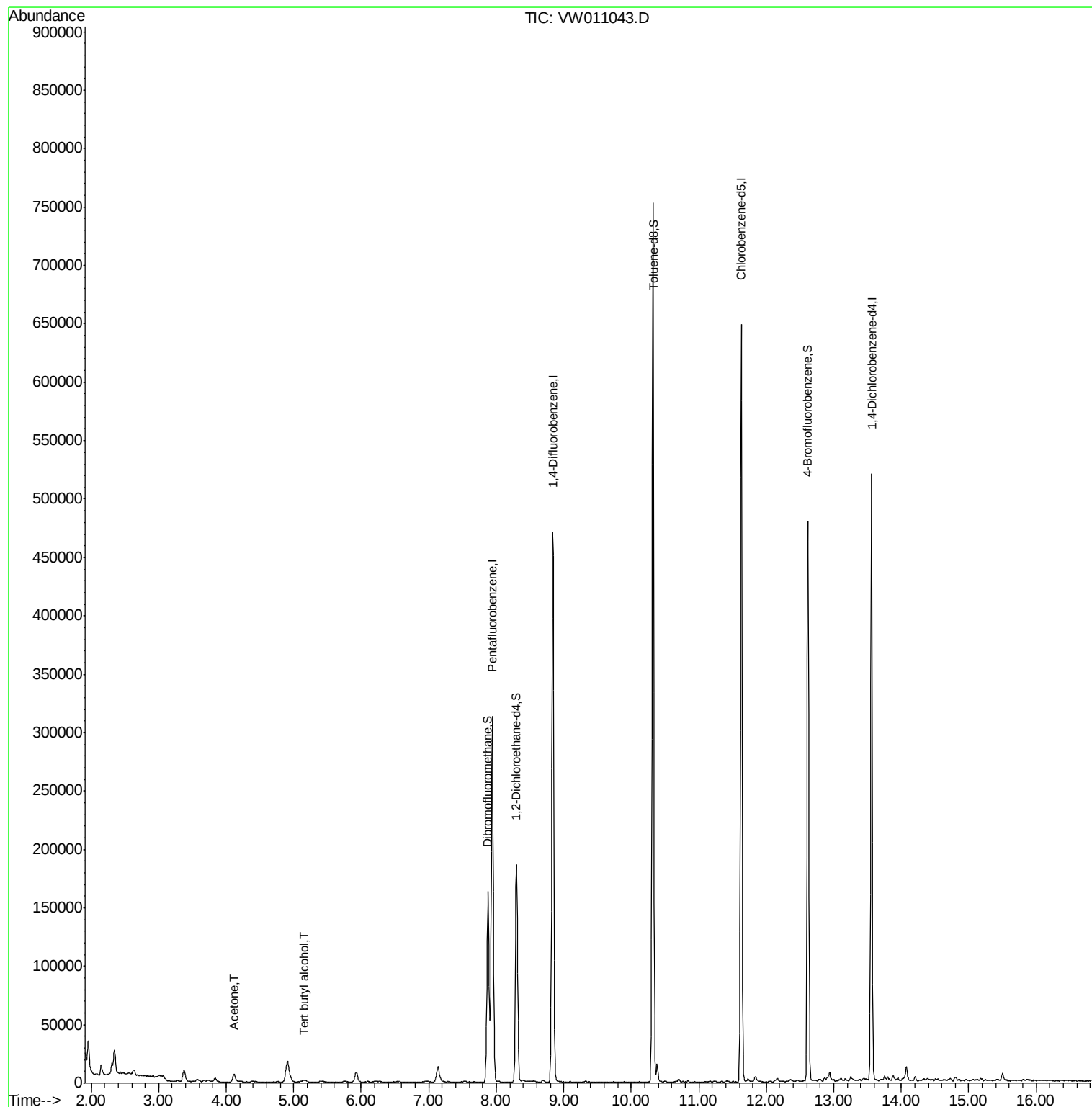
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	219258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148368	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	112439	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.32	98	467679	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	154053	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
11) Tert butyl alcohol	5.16	59	3022	14.517	ug/l	99
16) Acetone	4.12	43	13123	18.757	ug/l	94

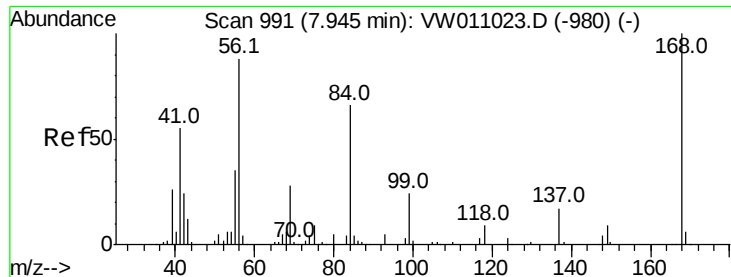
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
Data File : VW011043.D
Acq On : 28 Jun 2019 04:08
Operator : SY/VA
Sample : K3157-19
Misc : 6.85G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-E

Quant Time: Jun 28 09:09:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampleId :

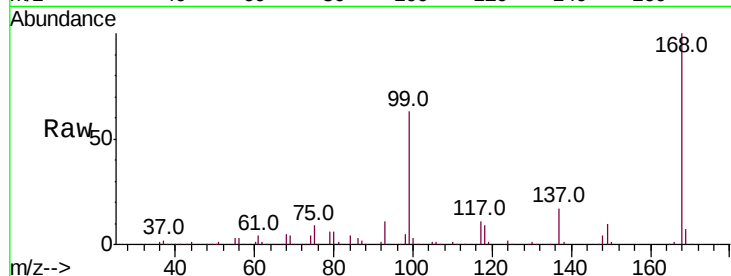
CL-02-062619-E

Tot Ion:168 Resp: 219258

Ion Ratio Lower Upper

168 100

99 63.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

100000

80000

60000

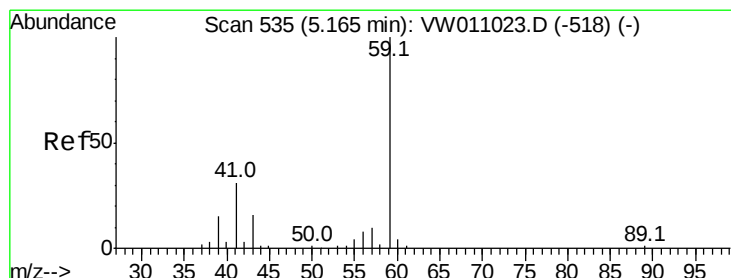
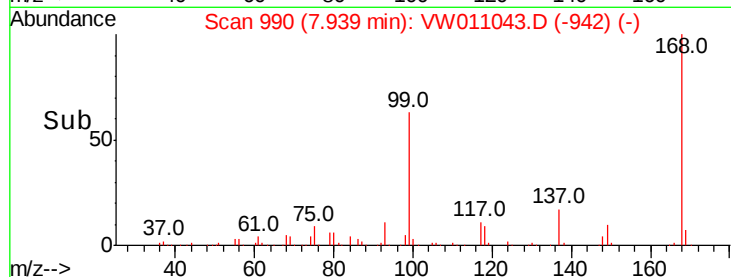
40000

20000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 14.517 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011043.D

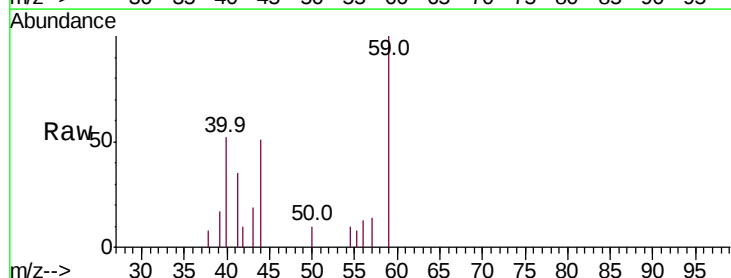
Acq: 28 Jun 2019 04:08

Tgt Ion: 59 Resp: 3022

Ion Ratio Lower Upper

59 100

57 10.7 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

800

600

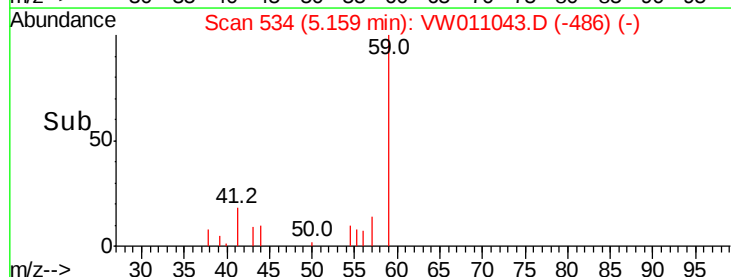
400

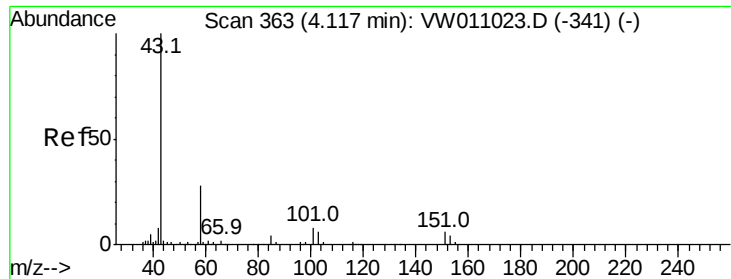
200

0

Time-->

5.00 5.10 5.20





#16

Acetone

Concen: 18.757 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampleId :

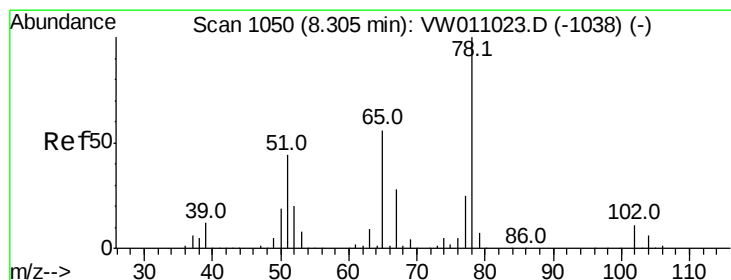
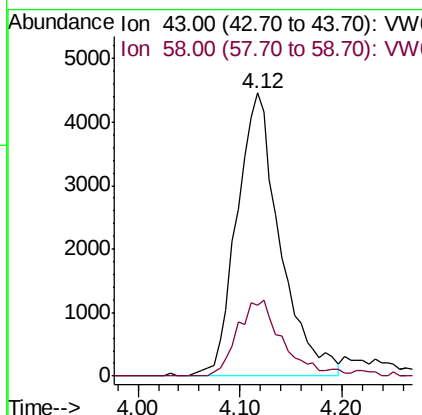
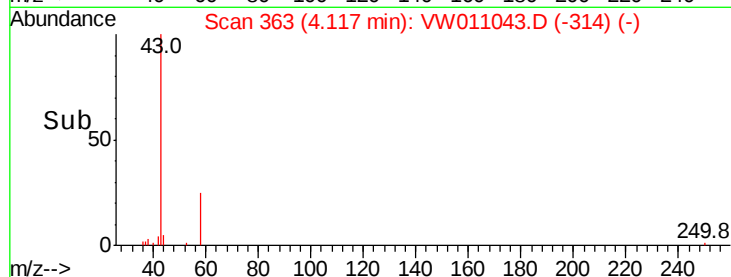
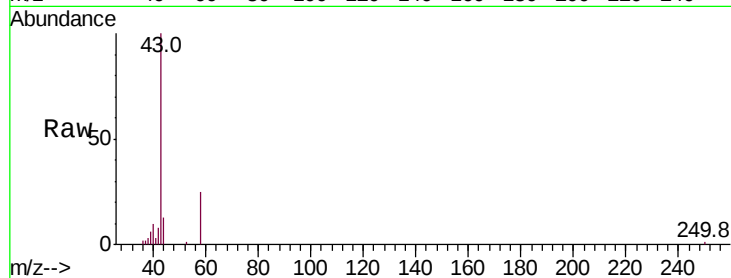
CL-02-062619-E

Tot Ion: 43 Resp: 13123

Ion Ratio Lower Upper

43 100

58 24.9 22.5 33.7



#33

1,2-Dichloroethane-d4

Concen: 51.763 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011043.D

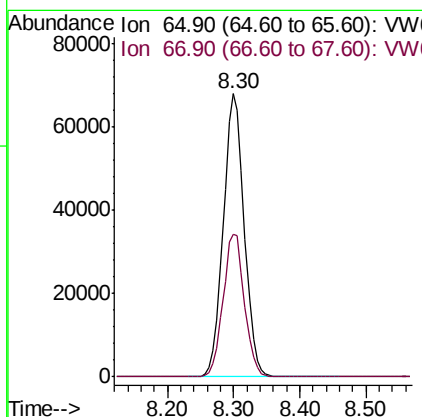
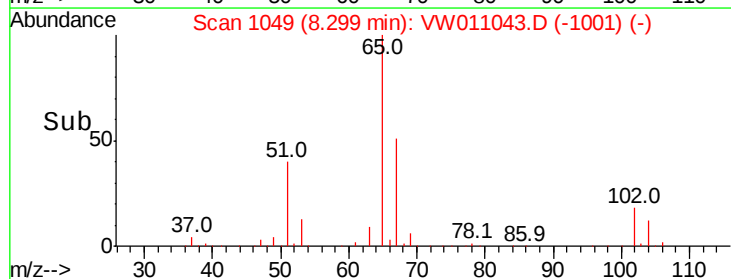
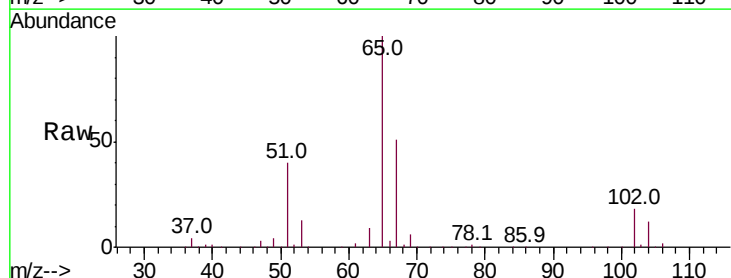
Acq: 28 Jun 2019 04:08

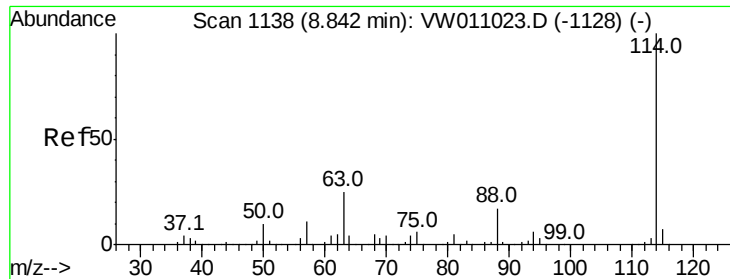
Tgt Ion: 65 Resp: 148368

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampleId :

CL-02-062619-E

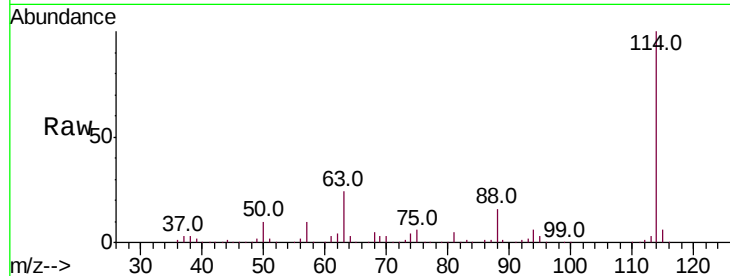
Tot Ion:114 Resp: 365562

Ion Ratio Lower Upper

114 100

63 24.4 0.0 50.6

88 16.5 0.0 34.0



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

250000

200000

150000

100000

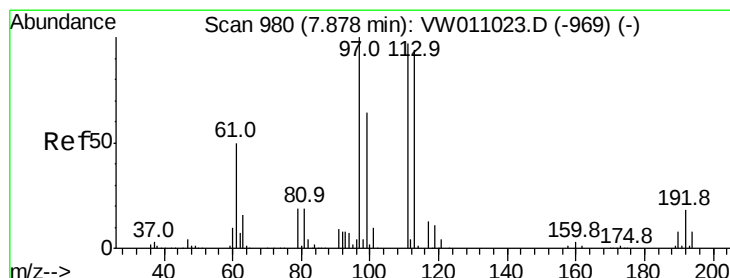
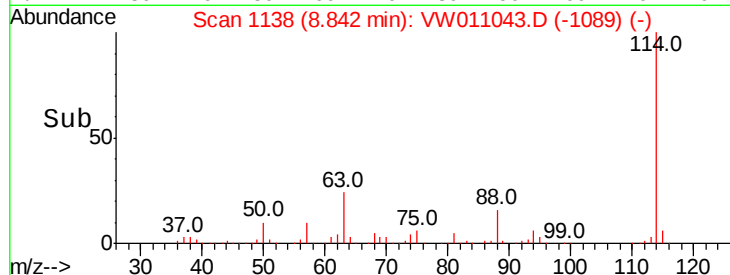
50000

0

8.84

8.70 8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 50.370 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

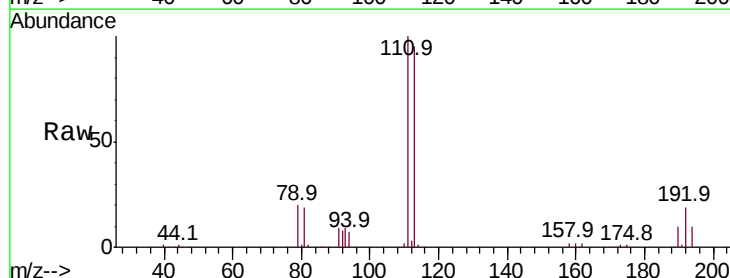
Tgt Ion:113 Resp: 112439

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 19.8 16.0 24.0



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

60000

40000

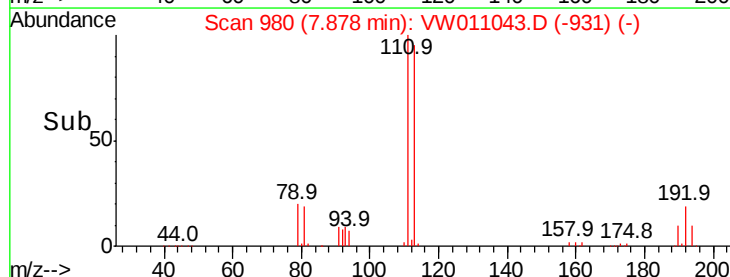
20000

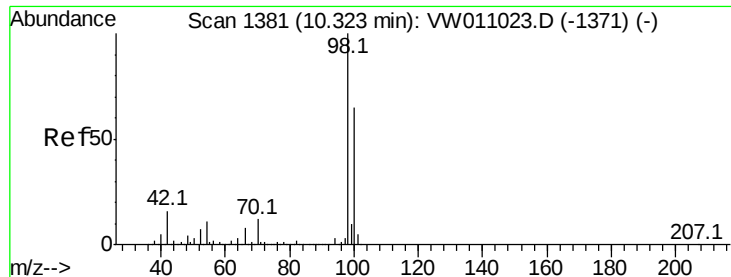
0

7.88

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 50.898 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

Instrument :

MSVOA_W

ClientSampleId :

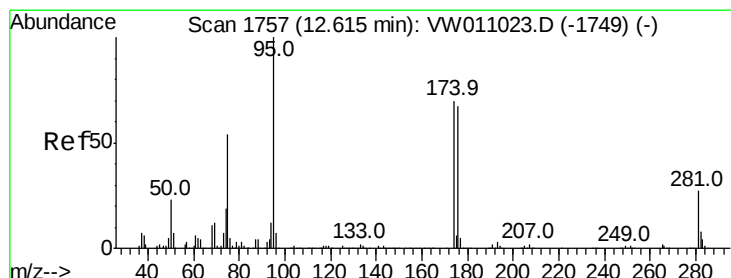
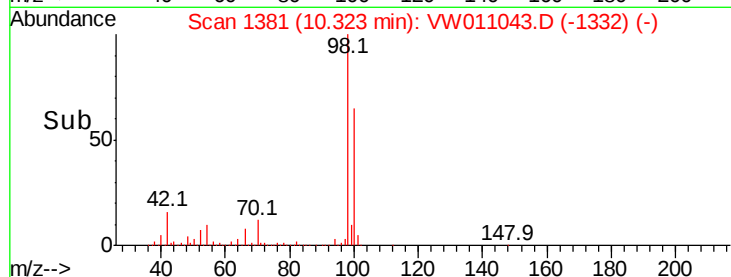
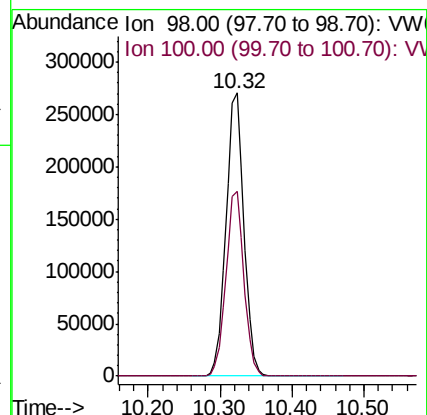
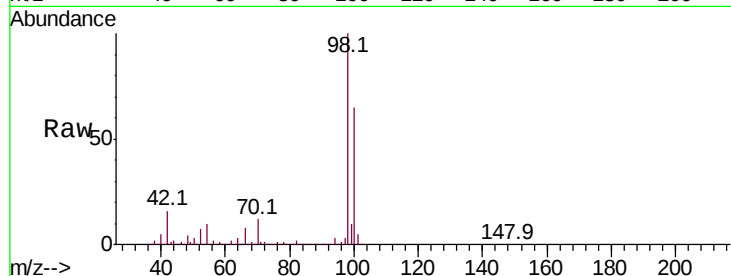
CL-02-062619-E

Tot Ion: 98 Resp: 467679

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.839 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011043.D

Acq: 28 Jun 2019 04:08

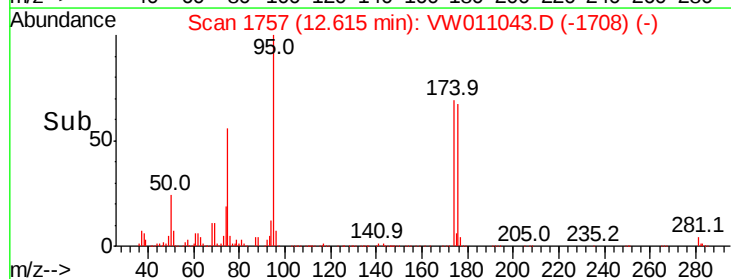
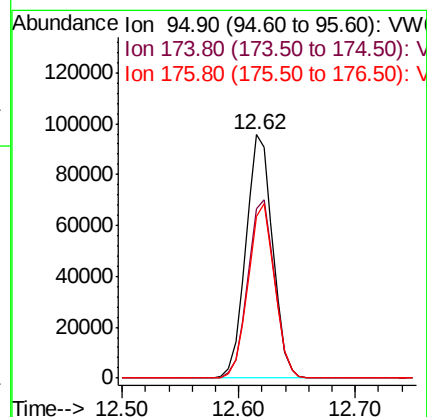
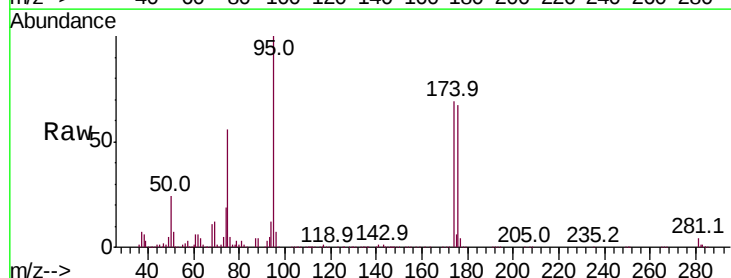
Tgt Ion: 95 Resp: 154053

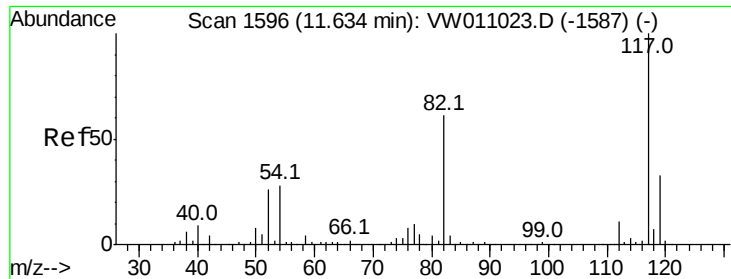
Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.2

176 71.0 0.0 143.6

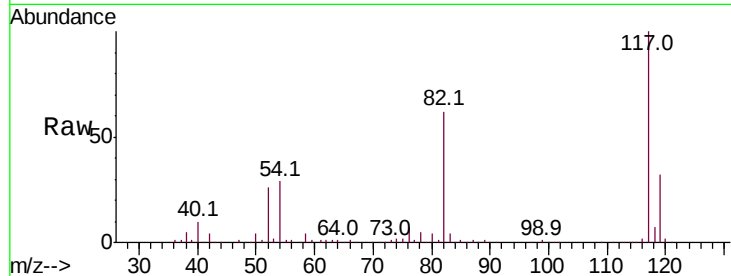




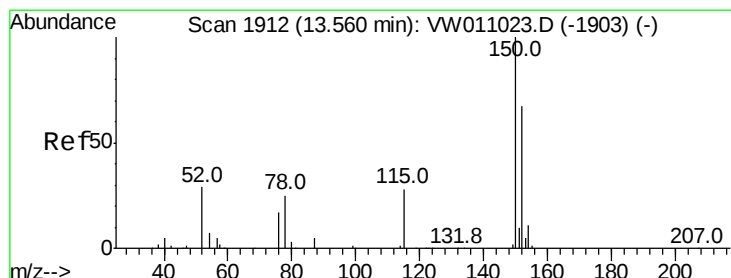
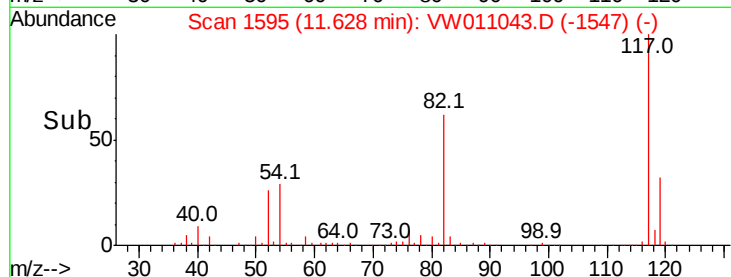
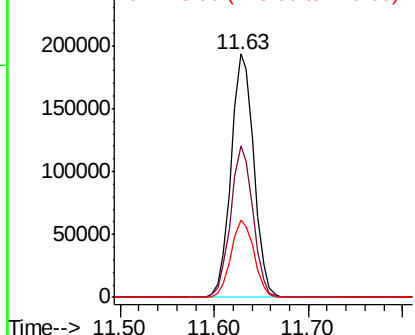
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Instrument :
MSVOA_W
ClientSampleId :
CL-02-062619-E

Tot Ion:117 Resp: 323715
Ion Ratio Lower Upper
117 100
82 62.1 48.6 73.0
119 31.9 26.1 39.1

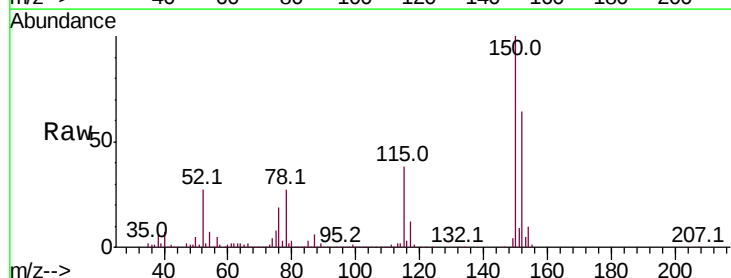


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011043.D
Acq: 28 Jun 2019 04:08

Tgt Ion:152 Resp: 126099
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 154.3 0.0 341.8



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

