

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011225.D
 Acq On : 11 Jul 2019 13:23
 Operator : SY/VA
 Sample : K3757-01
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY0300F002-SD-190710

Quant Time: Jul 12 09:19:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

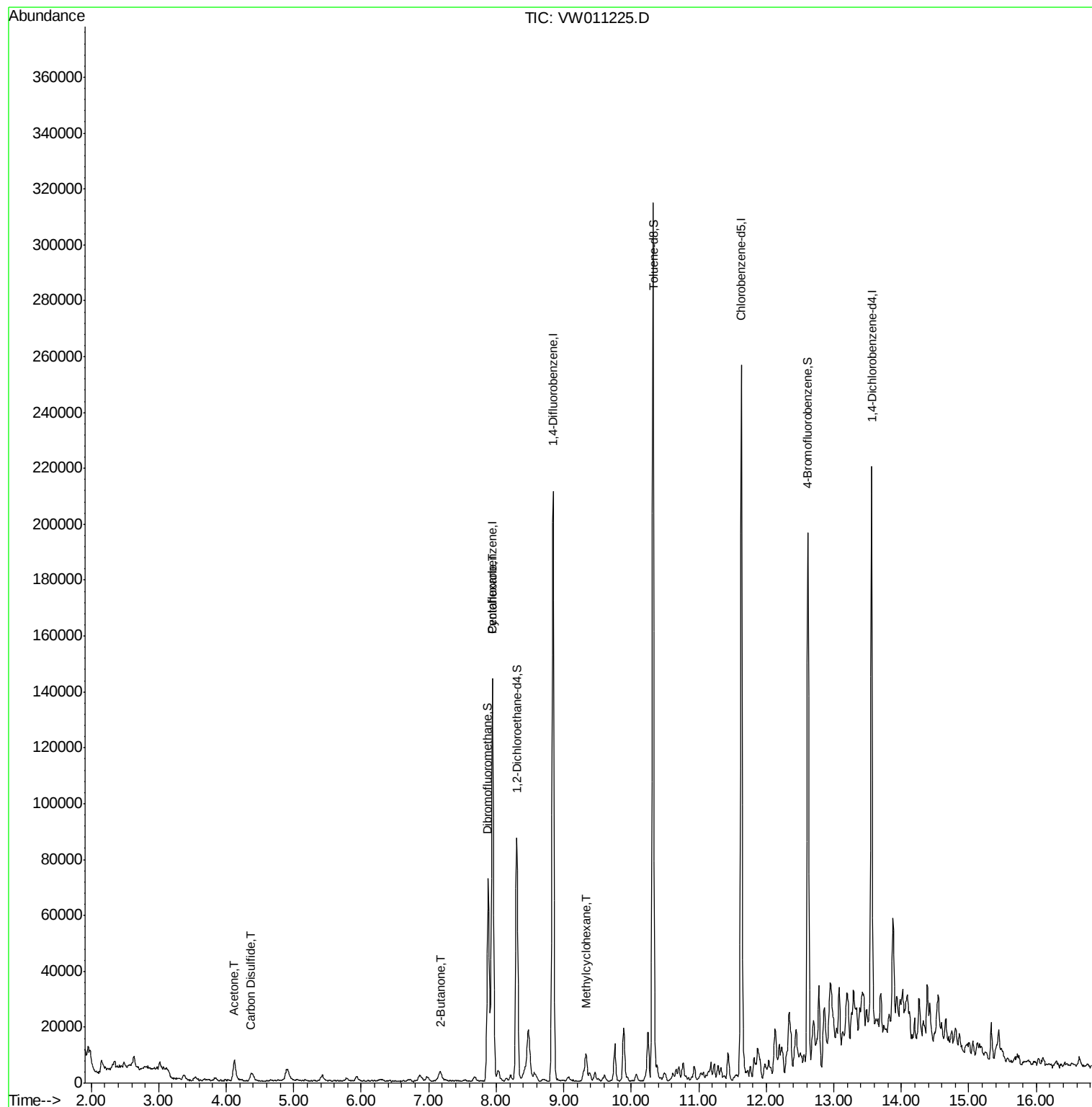
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69244	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
35) Dibromofluoromethane	7.88	113	50750	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.32	98	195770	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	60476	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.54%	
Target Compounds						
16) Acetone	4.12	43	13597	46.274	ug/l	96
17) Carbon Disulfide	4.36	76	4063	1.241	ug/l #	88
18) Methyl Acetate	4.66	43	306	Below Cal	#	89
25) 2-Butanone	7.17	43	4421	9.585	ug/l	93
31) Cyclohexane	7.95	56	5606	2.370	ug/l #	49
39) Methylcyclohexane	9.33	83	2563	1.226	ug/l	90

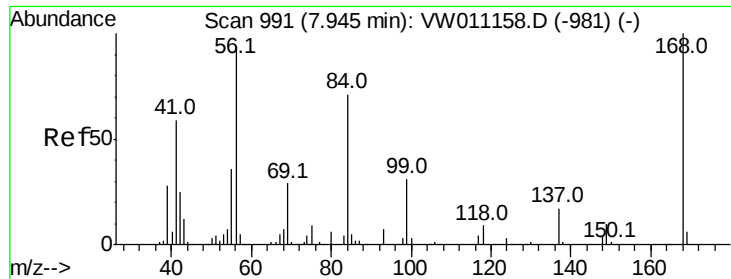
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
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KY0300F002-SD-190710

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
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: VW011225.D

Acq: 11 Jul 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

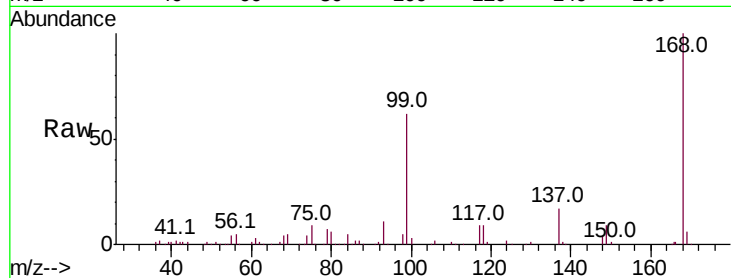
KY0300F002-SD-190710

Tot Ion:168 Resp: 97189

Ion Ratio Lower Upper

168 100

99 62.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

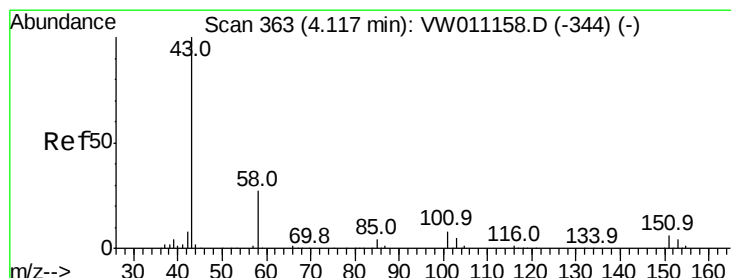
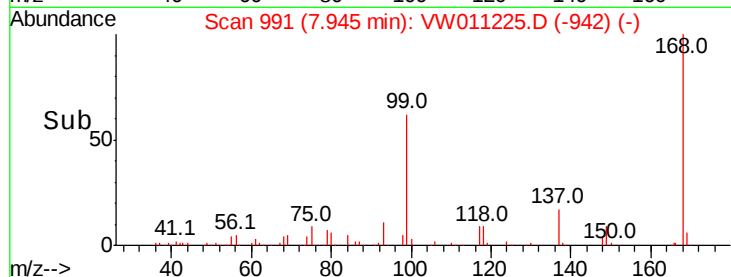
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 46.274 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011225.D

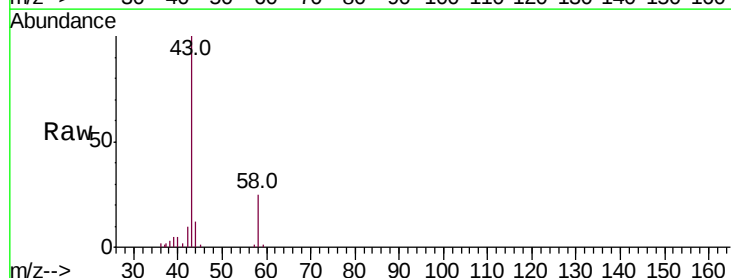
Acq: 11 Jul 2019 13:23

Tgt Ion: 43 Resp: 13597

Ion Ratio Lower Upper

43 100

58 25.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

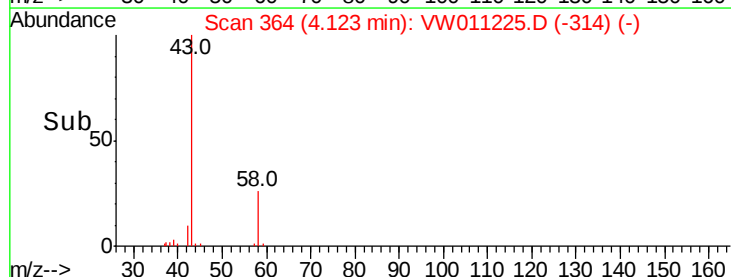
2000

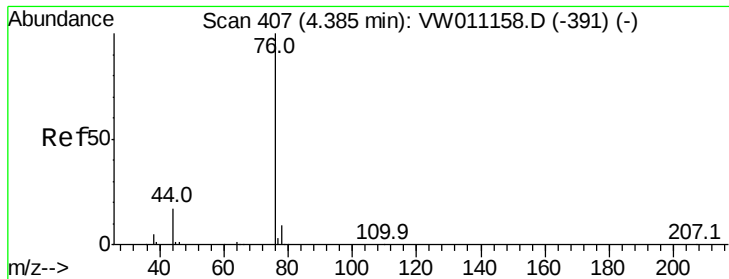
1000

0

4.00 4.10 4.20

Time-->

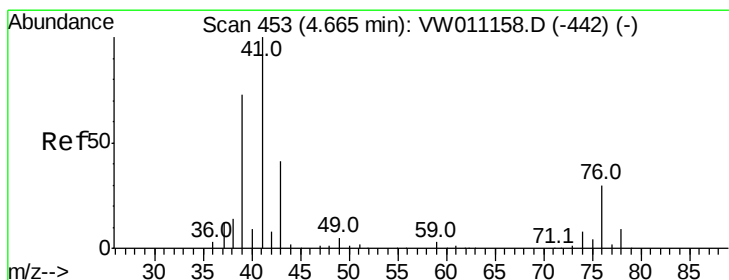
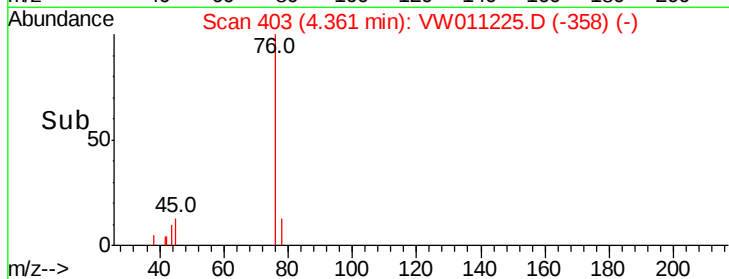
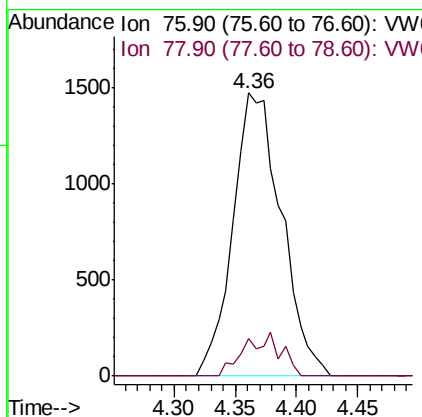
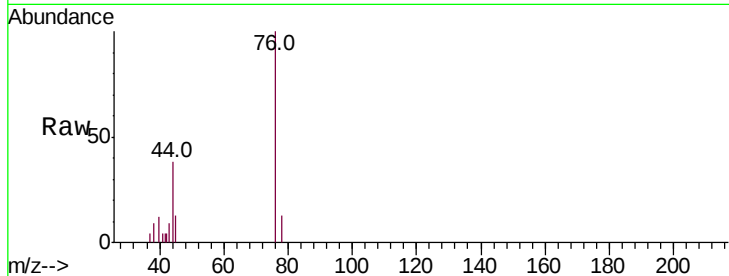




#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 4.36 min Scan# 403
Delta R.T. -0.02 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

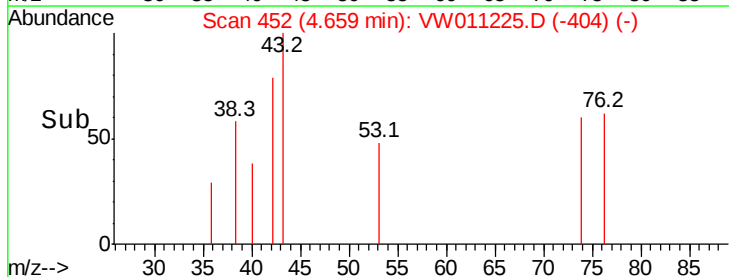
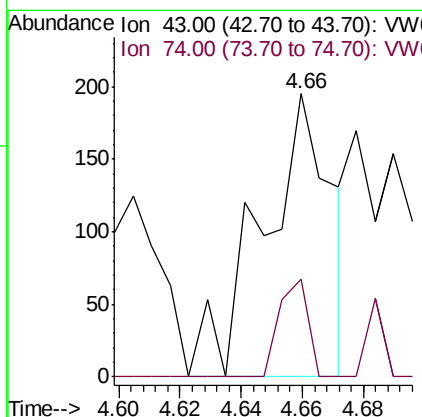
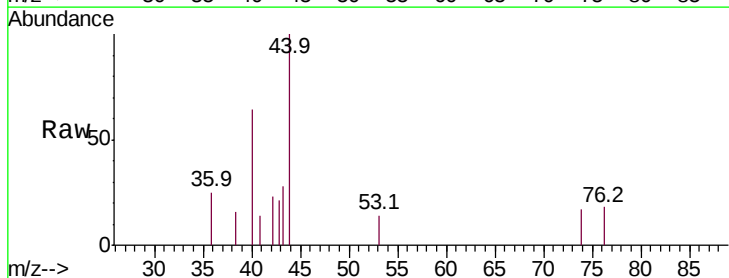
Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

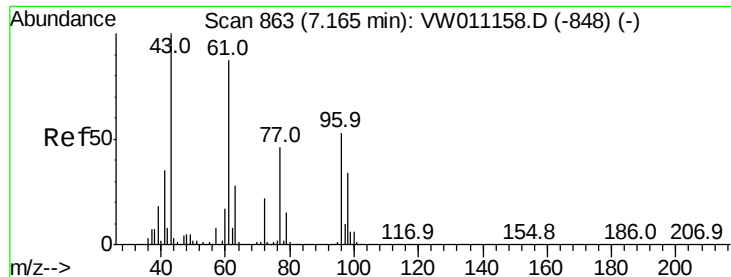
Tot Ion: 76 Resp: 4063
Ion Ratio Lower Upper
76 100
78 13.4 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
74 14.4 15.7 23.5#





#25

2-Butanone

Concen: 9.585 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011225.D

Acq: 11 Jul 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

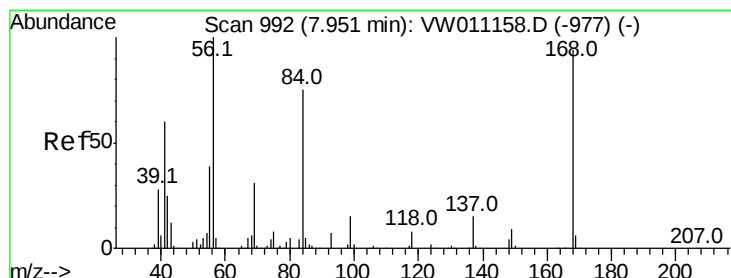
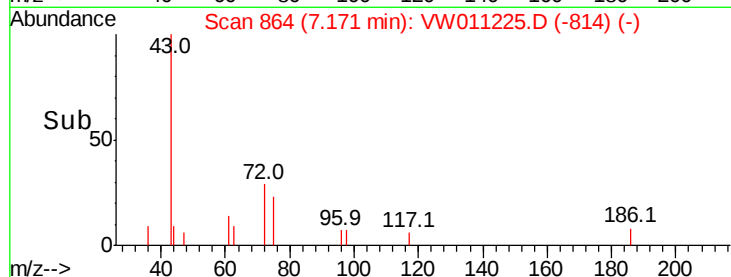
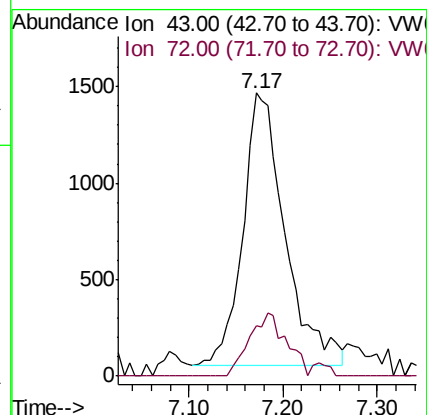
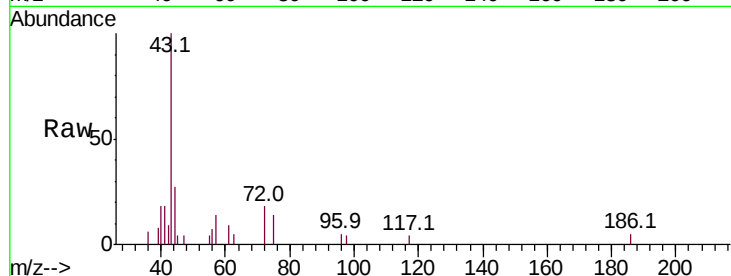
KY0300F002-SD-190710

Tot Ion: 43 Resp: 4421

Ion Ratio Lower Upper

43 100

72 18.7 17.6 26.4



#31

Cyclohexane

Concen: 2.370 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011225.D

Acq: 11 Jul 2019 13:23

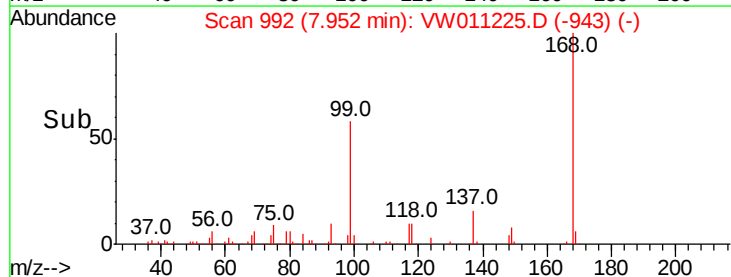
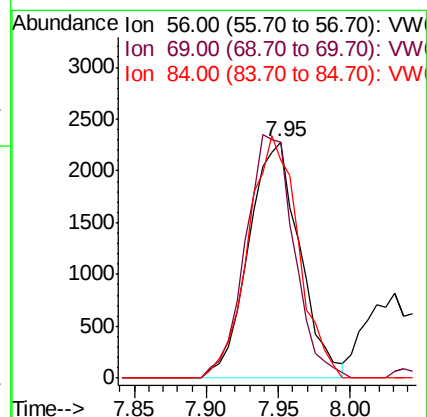
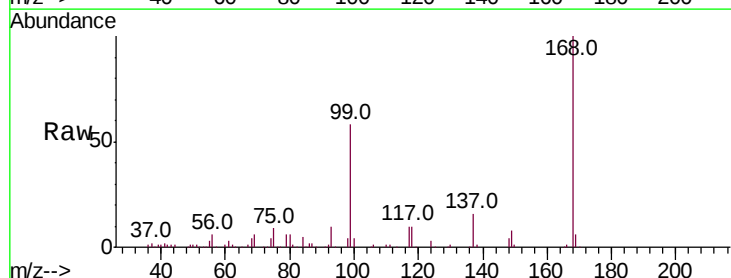
Tgt Ion: 56 Resp: 5606

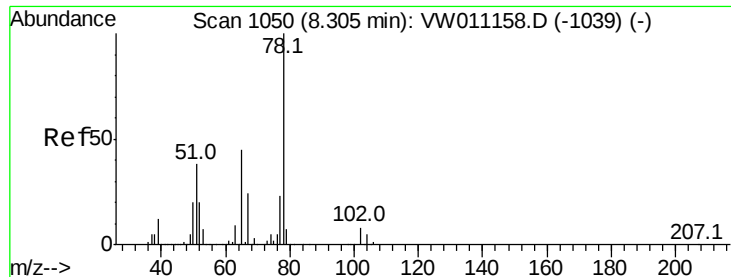
Ion Ratio Lower Upper

56 100

69 99.8 24.6 36.8#

84 92.0 60.1 90.1#





#33

1,2-Dichloroethane-d4

Concen: 56.701 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011225.D

Acq: 11 Jul 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

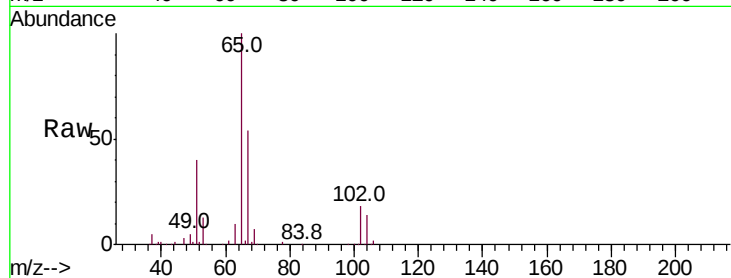
KY0300F002-SD-190710

Tot Ion: 65 Resp: 69244

Ion Ratio Lower Upper

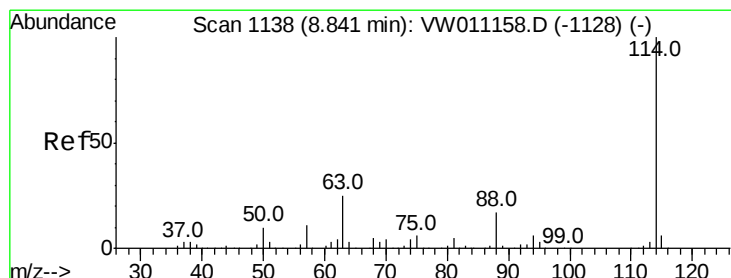
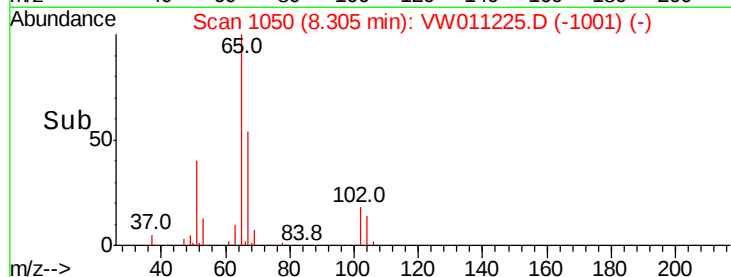
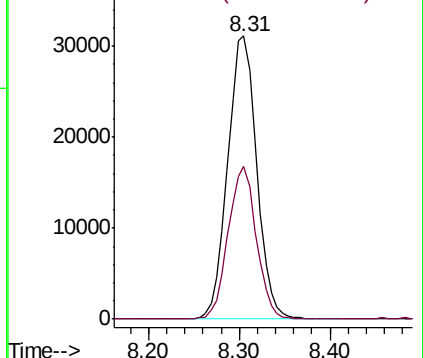
65 100

67 52.1 0.0 104.4



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: VW011225.D

Acq: 11 Jul 2019 13:23

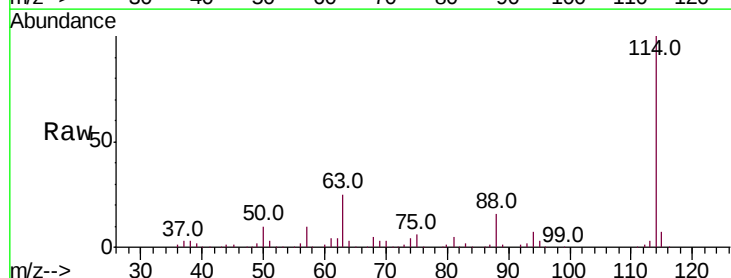
Tgt Ion: 114 Resp: 162008

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.8

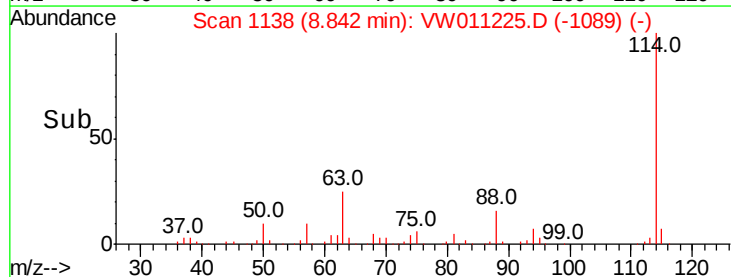
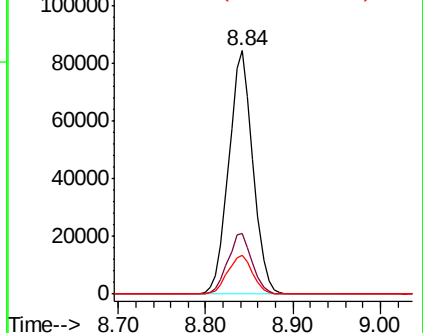
88 15.8 0.0 34.2

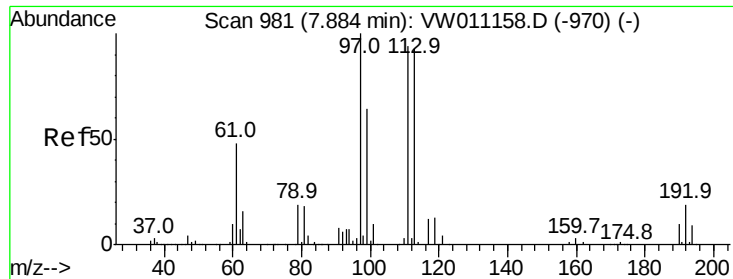


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

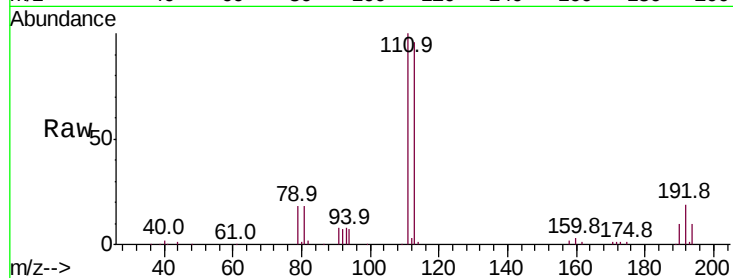




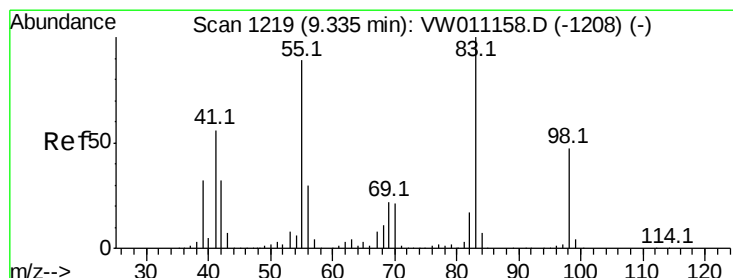
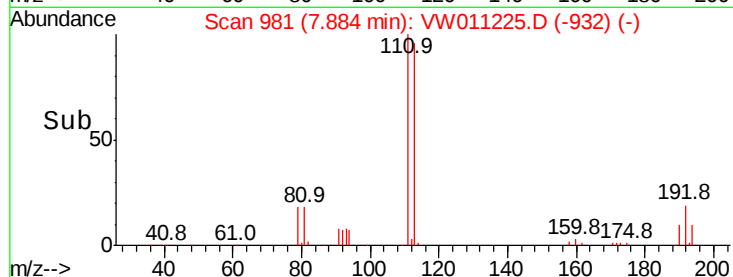
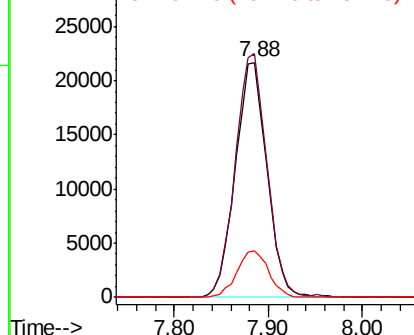
#35
Dibromofluoromethane
Concen: 52.556 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

Tot Ion:113 Resp: 50750
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 19.7 15.8 23.8

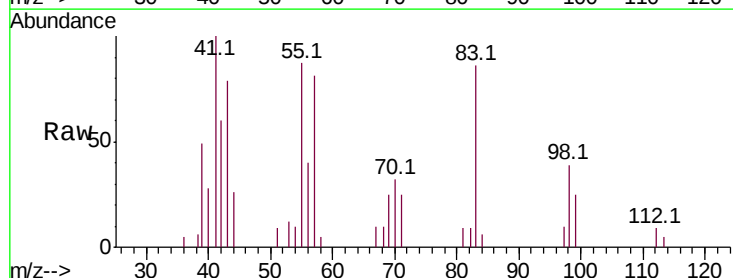


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

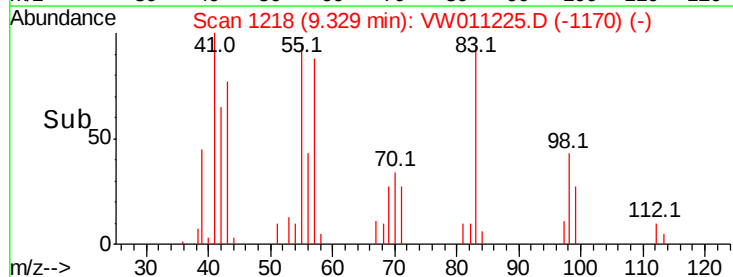
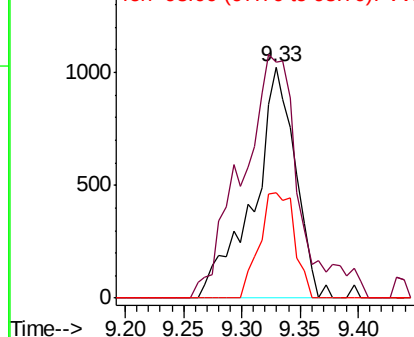


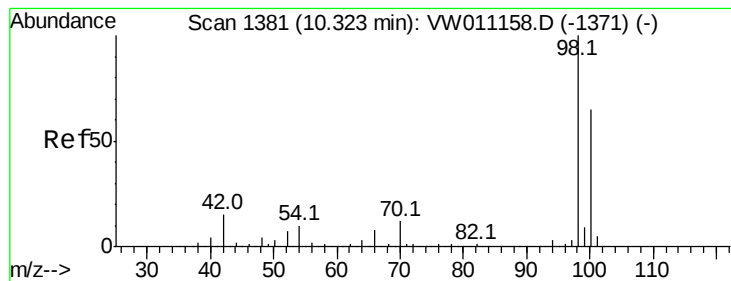
#39
Methylcyclohexane
Concen: 1.226 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

Tgt Ion: 83 Resp: 2563
Ion Ratio Lower Upper
83 100
55 101.8 71.2 106.8
98 45.7 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 50.156 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011225.D

Acq: 11 Jul 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

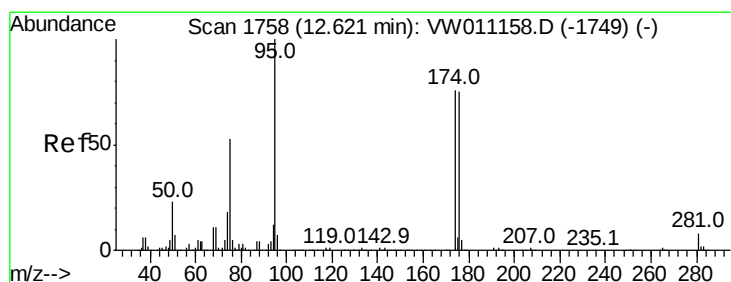
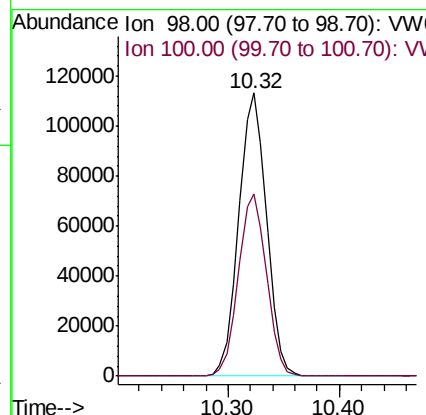
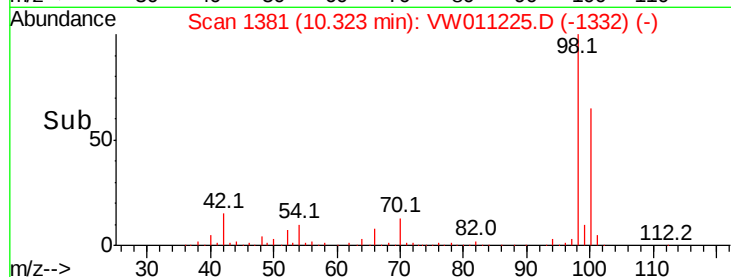
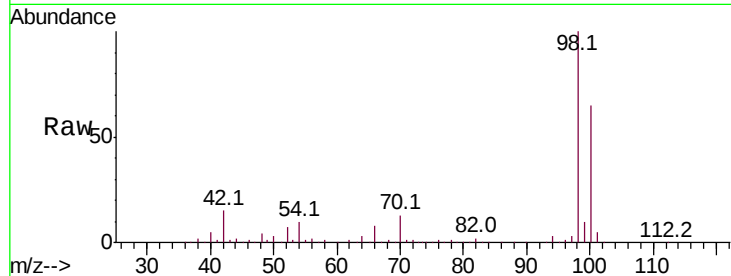
KY0300F002-SD-190710

Tot Ion: 98 Resp: 195770

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.271 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011225.D

Acq: 11 Jul 2019 13:23

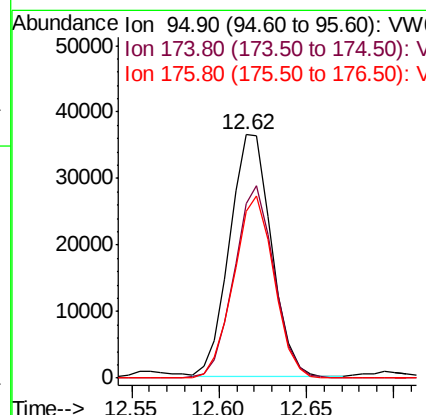
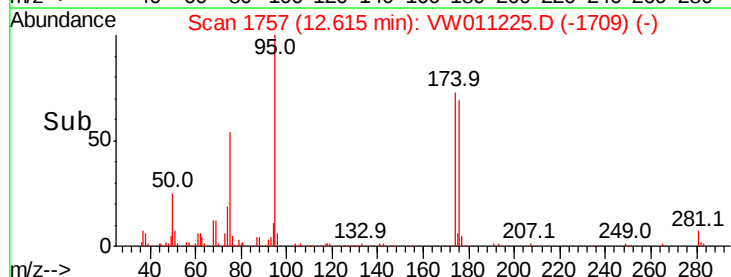
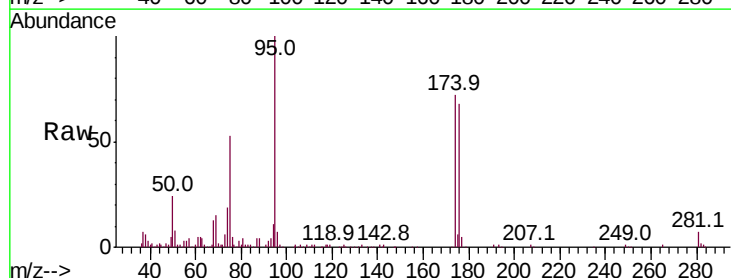
Tgt Ion: 95 Resp: 60476

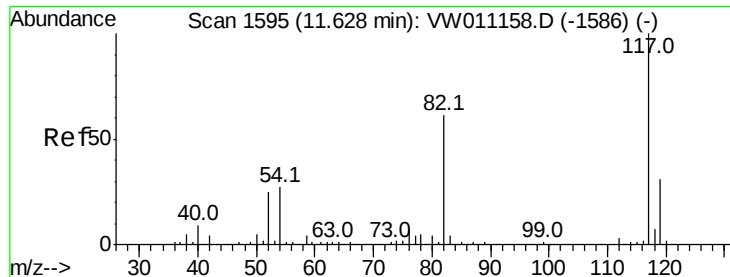
Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.6

176 72.7 0.0 144.6

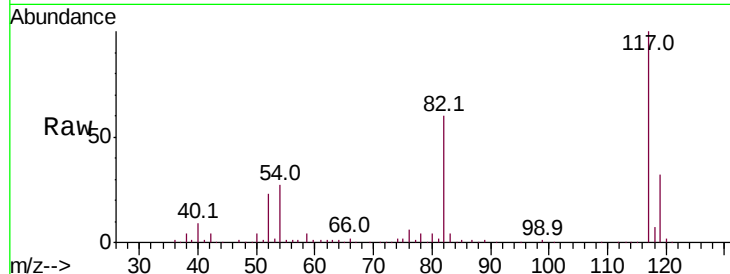




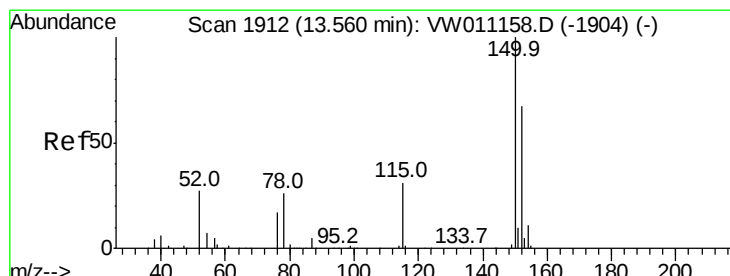
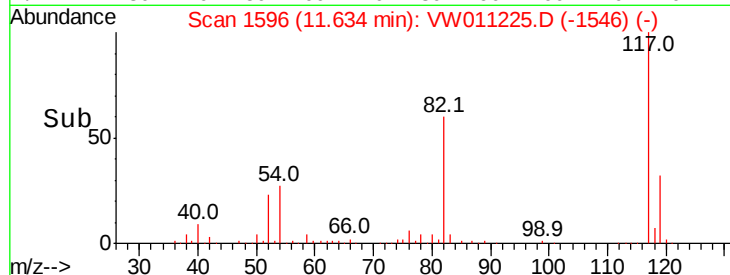
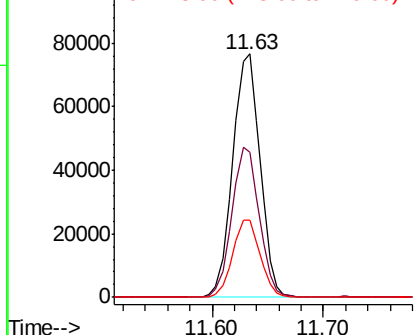
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
KY0300F002-SD-190710

Tot Ion:117 Resp: 131044
Ion Ratio Lower Upper
117 100
82 59.3 48.9 73.3
119 31.9 25.0 37.6

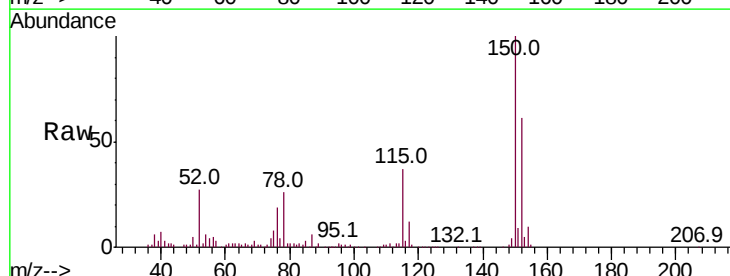


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011225.D
Acq: 11 Jul 2019 13:23

Tgt Ion:152 Resp: 49184
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 159.2 0.0 346.0



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

