

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013438.D
 Acq On : 04 Oct 2019 14:54
 Operator : SY/VA
 Sample : K5213-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-10)

Quant Time: Oct 05 05:43:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

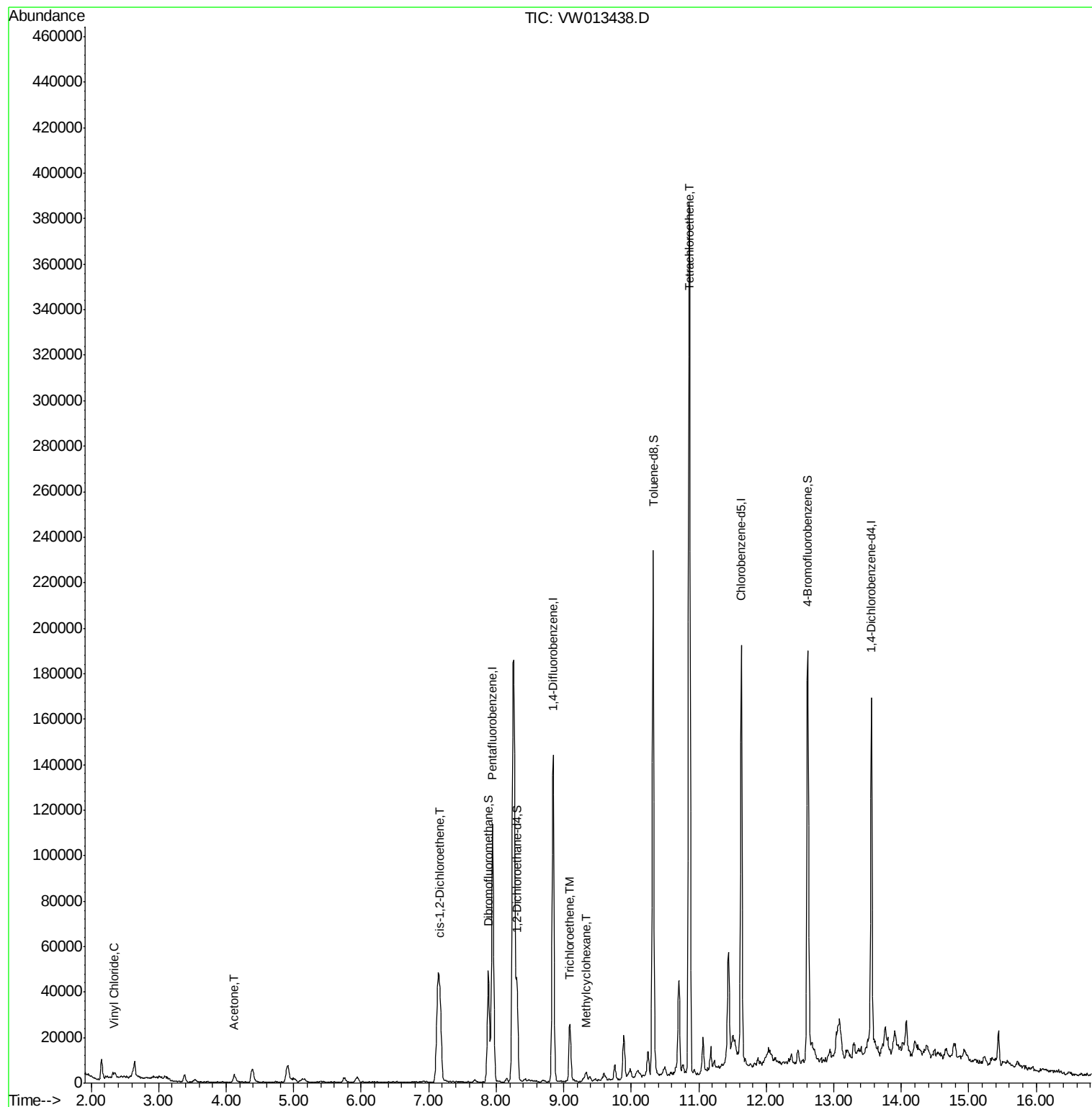
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34252	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.88	113	34944	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.32	98	151653	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.62	95	46079	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.35	62	1577	1.817	ug/l	100
16) Acetone	4.12	43	6170	28.132	ug/l #	81
27) cis-1,2-Dichloroethene	7.17	96	19029	19.352	ug/l	93
39) Methylcyclohexane	9.34	83	1756	1.099	ug/l #	53
44) Trichloroethene	9.09	130	9862	10.199	ug/l	93
64) Tetrachloroethene	10.86	164	95588	115.906	ug/l	94

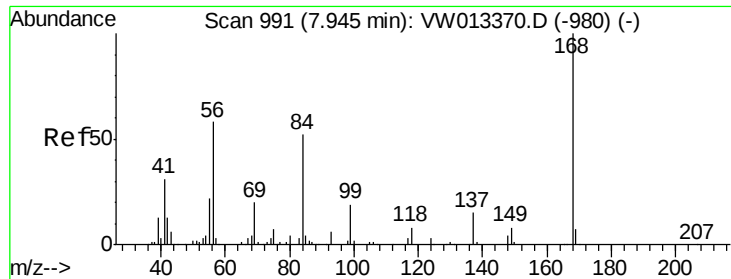
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100419\
Data File : VW013438.D
Acq On : 04 Oct 2019 14:54
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Sample : K5213-02
Misc : 5.09G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
S-1(5-10)

Quant Time: Oct 05 05:43:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013438.D

Acq: 04 Oct 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

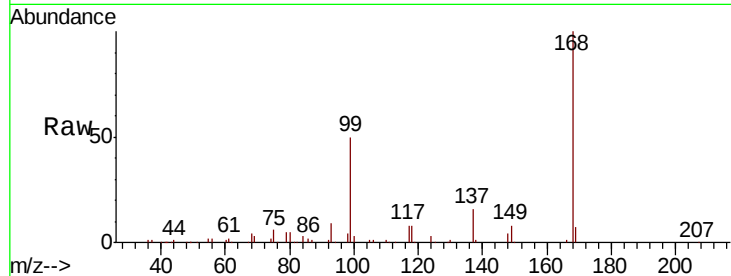
S-1(5-10)

Tot Ion:168 Resp: 95828

Ion Ratio Lower Upper

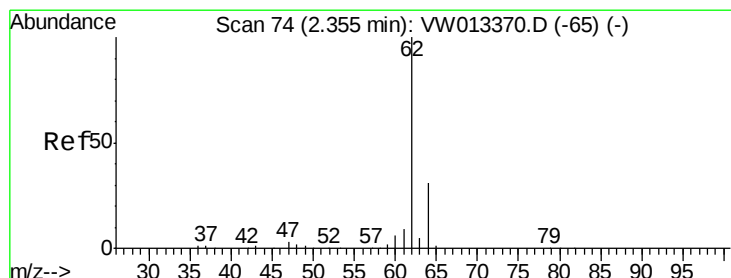
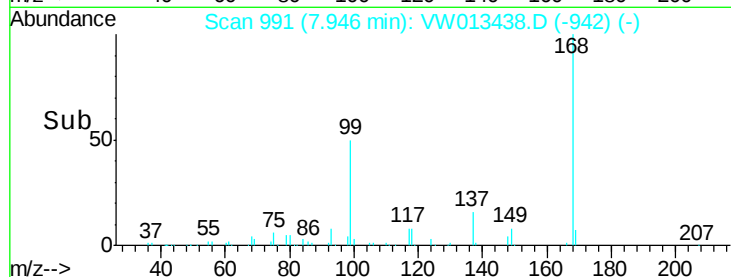
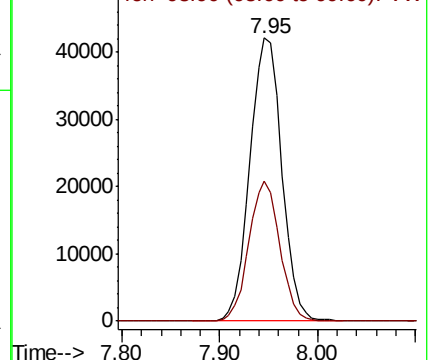
168 100

99 49.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 1.817 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW013438.D

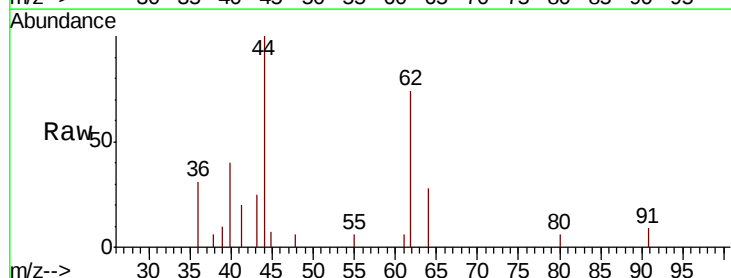
Acq: 04 Oct 2019 14:54

Tgt Ion: 62 Resp: 1577

Ion Ratio Lower Upper

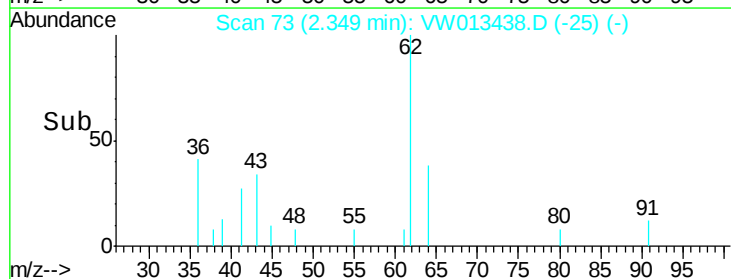
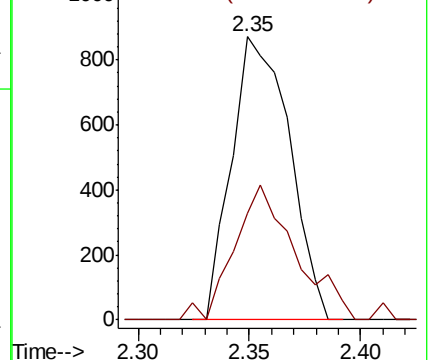
62 100

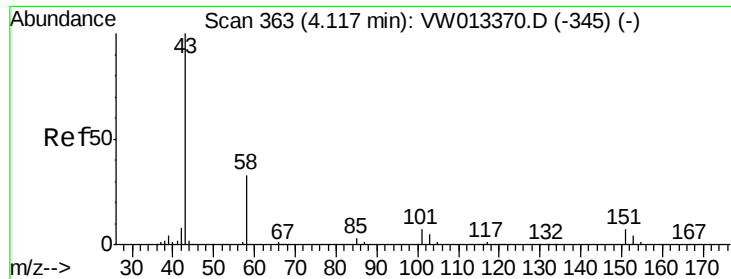
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#16

Acetone

Concen: 28.132 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013438.D

Acq: 04 Oct 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

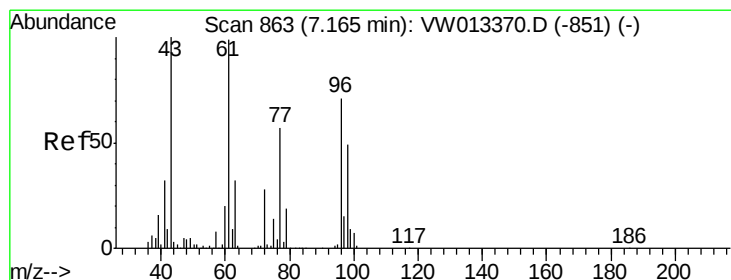
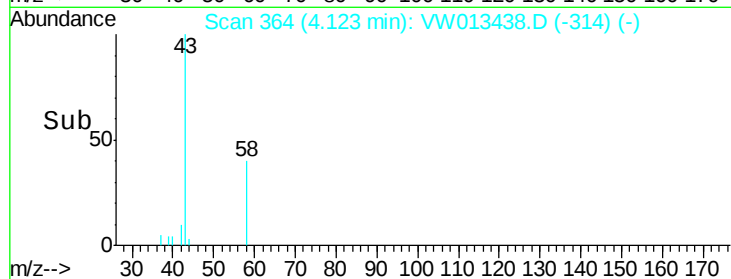
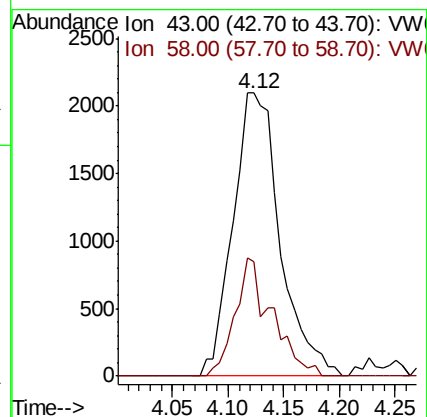
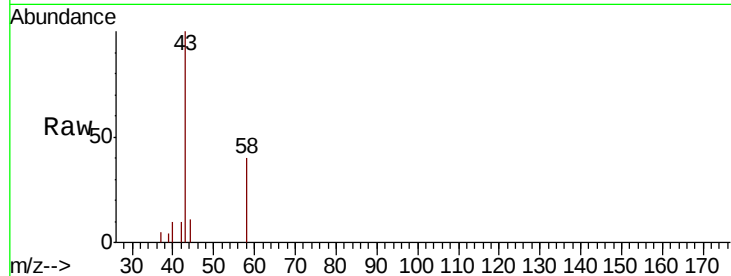
S-1(5-10)

Tot Ion: 43 Resp: 6170

Ion Ratio Lower Upper

43 100

58 40.3 24.1 36.1#



#27

cis-1,2-Dichloroethene

Concen: 19.352 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013438.D

Acq: 04 Oct 2019 14:54

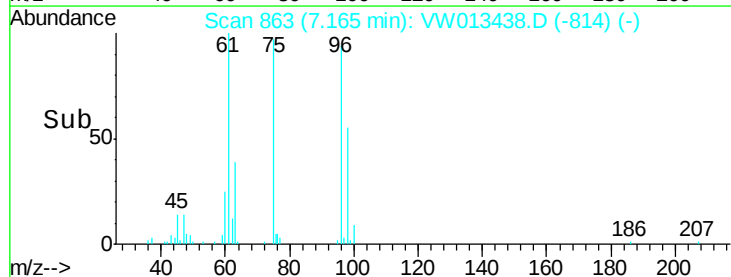
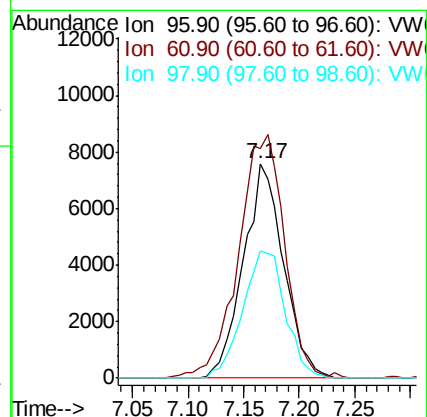
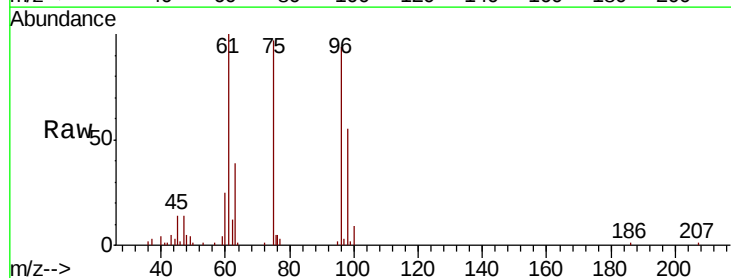
Tgt Ion: 96 Resp: 19029

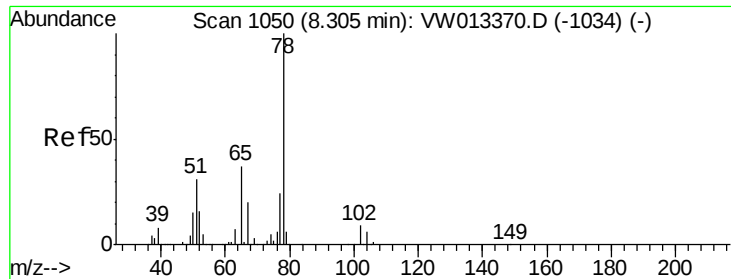
Ion Ratio Lower Upper

96 100

61 130.2 0.0 282.4

98 62.6 0.0 128.2

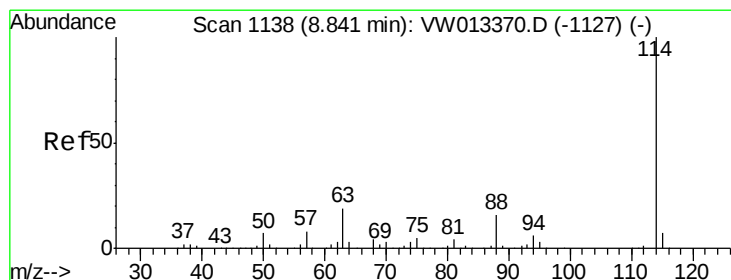
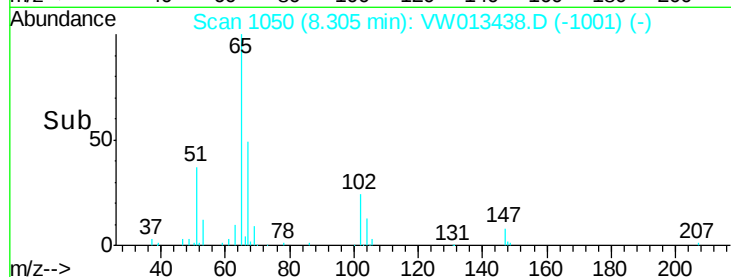
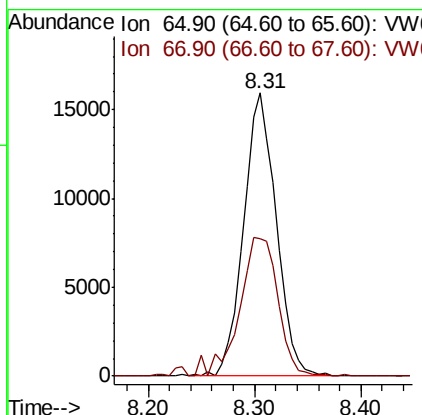
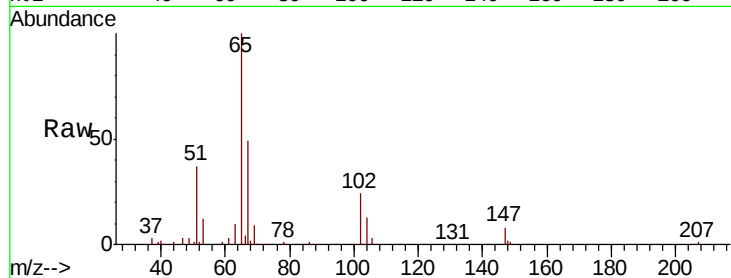




#33
 1,2-Dichloroethane-d4
 Concen: 47.870 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013438.D
 Acq: 04 Oct 2019 14:54

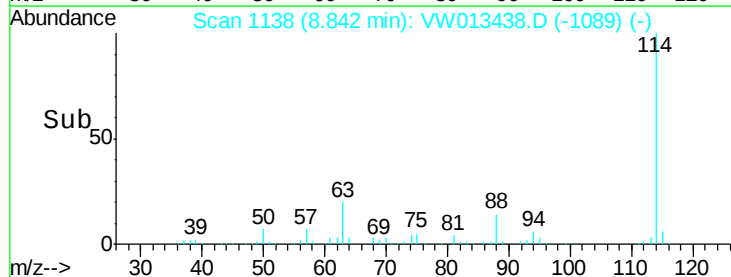
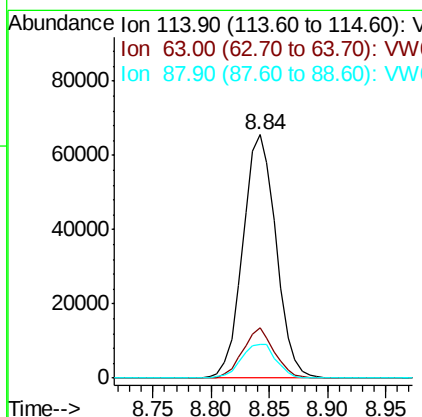
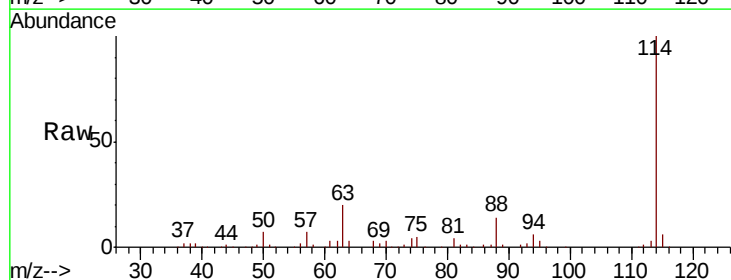
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-10)

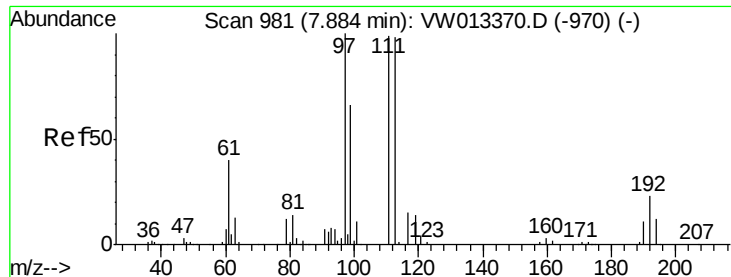
Tot Ion: 65 Resp: 34252
 Ion Ratio Lower Upper
 65 100
 67 57.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013438.D
 Acq: 04 Oct 2019 14:54

Tgt Ion: 114 Resp: 130599
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 13.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.992 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013438.D

Acq: 04 Oct 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

S-1(5-10)

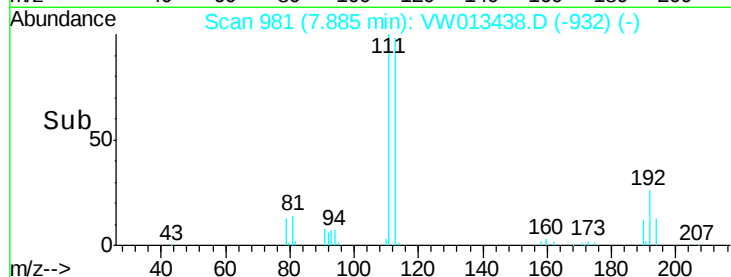
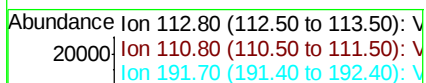
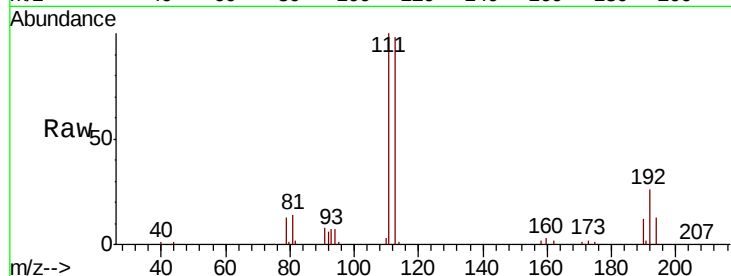
Tot Ion:113 Resp: 34944

Ion Ratio Lower Upper

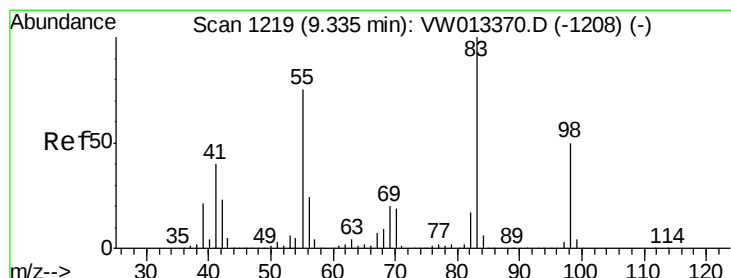
113 100

111 104.2 81.9 122.9

192 25.2 19.1 28.7



Time-->



#39

Methylcyclohexane

Concen: 1.099 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW013438.D

Acq: 04 Oct 2019 14:54

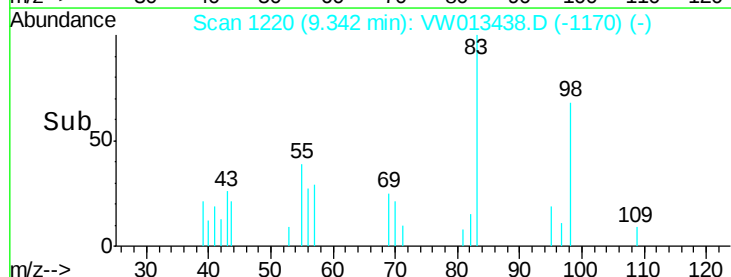
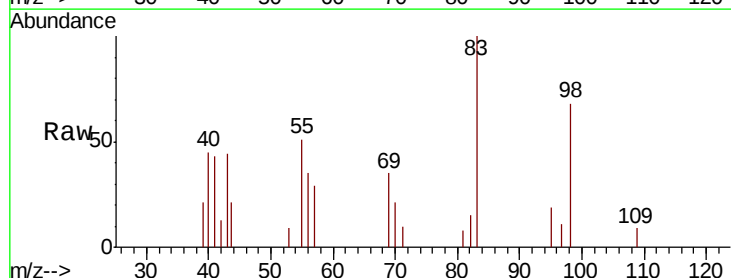
Tgt Ion: 83 Resp: 1756

Ion Ratio Lower Upper

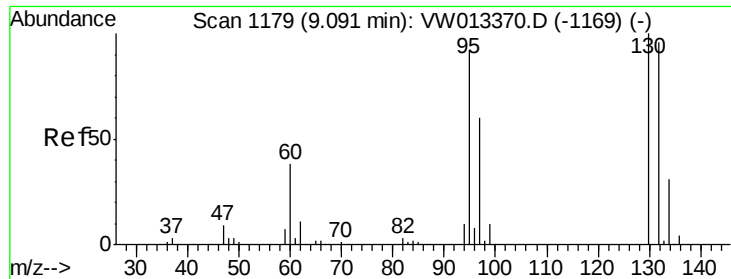
83 100

55 24.0 60.4 90.6#

98 68.1 40.0 60.0#



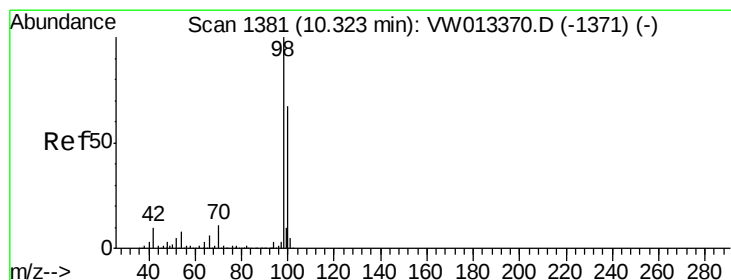
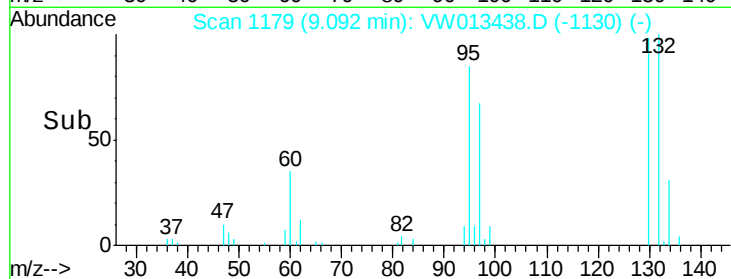
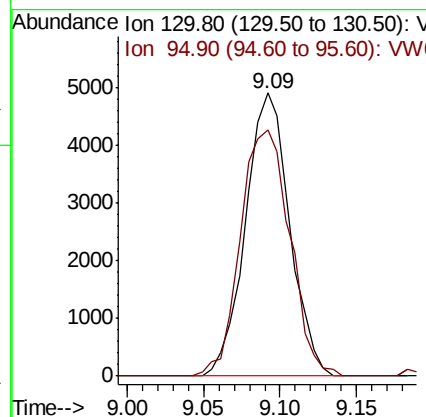
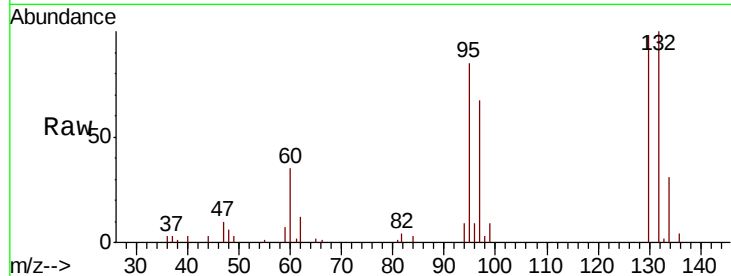
Time-->



#44
 Trichloroethene
 Concen: 10.199 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW013438.D
 Acq: 04 Oct 2019 14:54

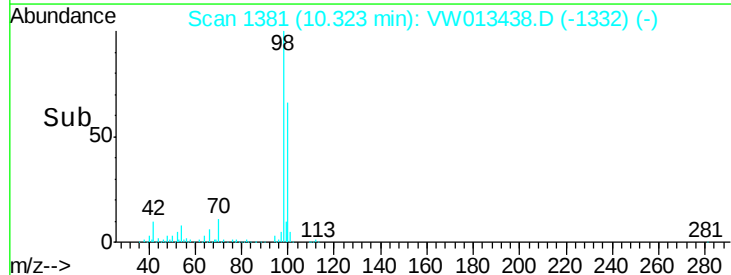
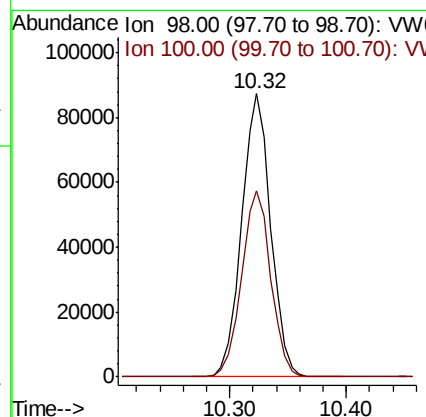
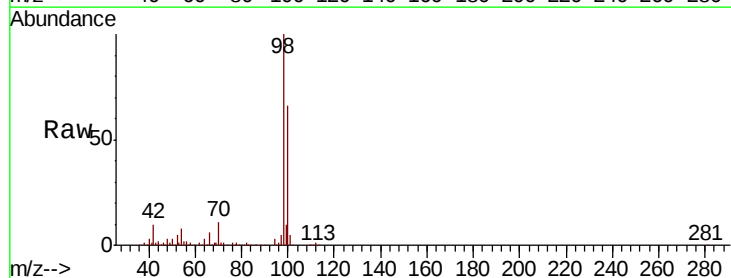
Instrument :
 MSVOA_W
 ClientSampled :
 S-1(5-10)

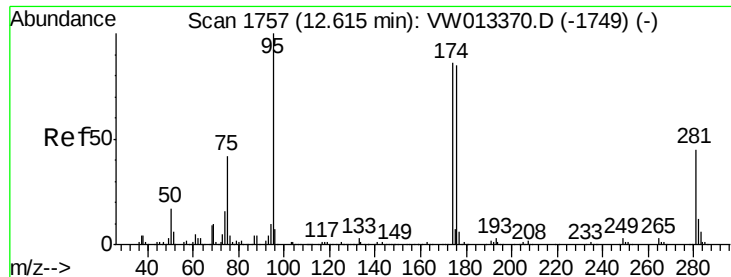
Tot Ion:130 Resp: 9862
 Ion Ratio Lower Upper
 130 100
 95 87.1 0.0 188.0



#50
 Toluene-d8
 Concen: 53.328 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW013438.D
 Acq: 04 Oct 2019 14:54

Tgt Ion: 98 Resp: 151653
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.9 79.3

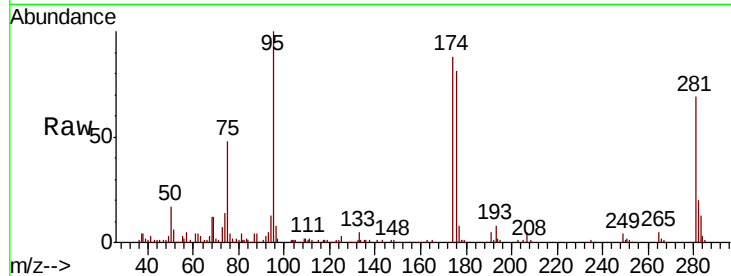




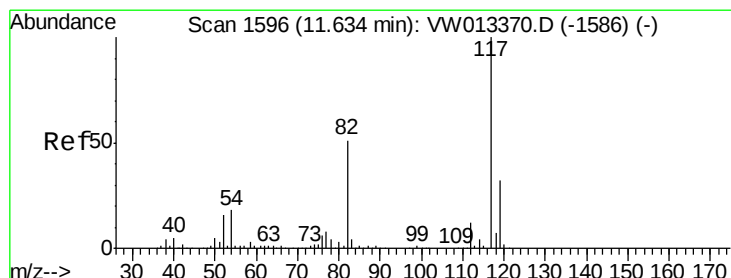
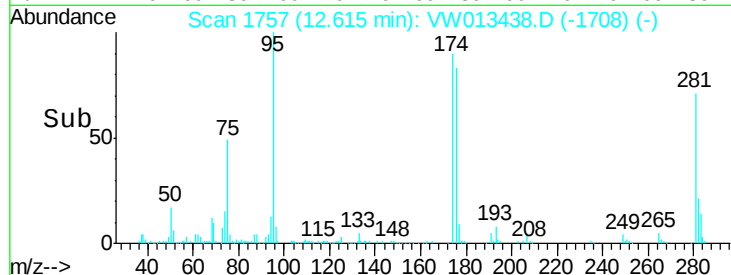
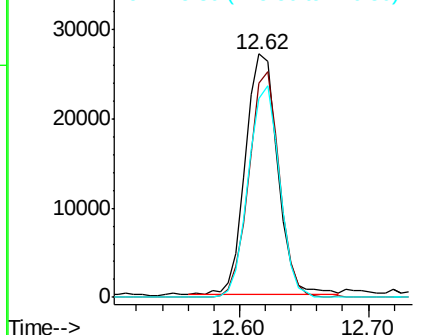
#62
4-Bromofluorobenzene
Concen: 48.522 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013438.D
Acq: 04 Oct 2019 14:54

Instrument :
MSVOA_W
ClientSampleId :
S-1(5-10)

Tot Ion: 95 Resp: 46079
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.4
176 85.8 0.0 172.2

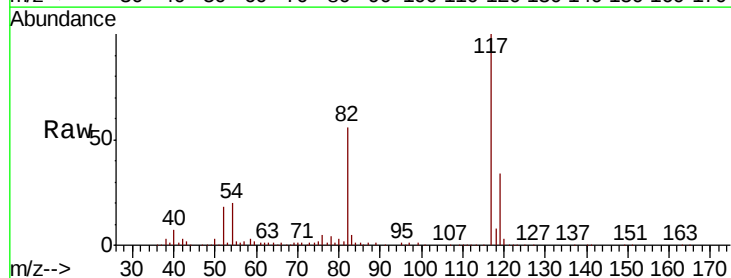


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

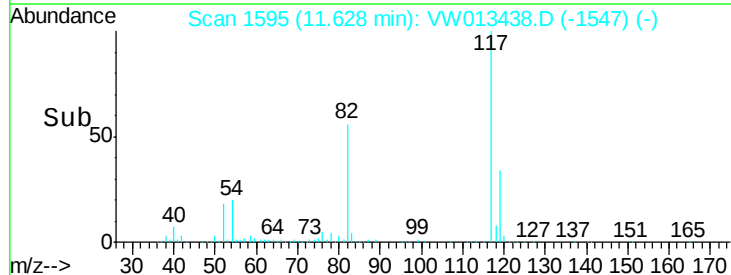
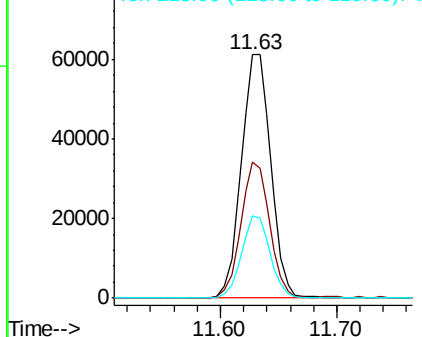


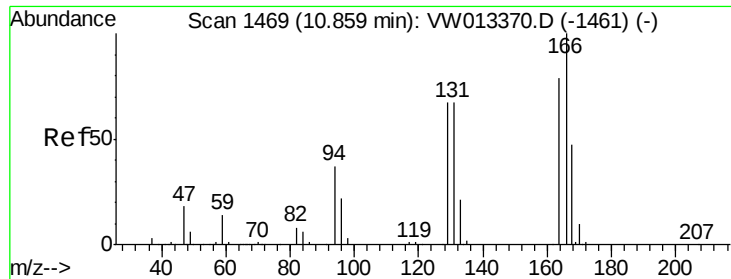
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013438.D
Acq: 04 Oct 2019 14:54

Tgt Ion: 117 Resp: 108401
Ion Ratio Lower Upper
117 100
82 55.5 45.9 68.9
119 34.0 26.2 39.2



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





#64

Tetrachloroethene

Concen: 115.906 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013438.D

Acq: 04 Oct 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

S-1(5-10)

Tot Ion:164 Resp: 95588

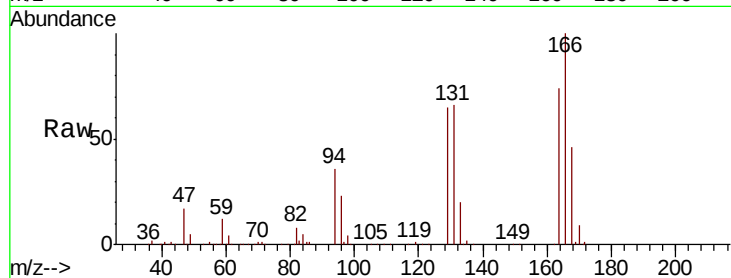
Ion Ratio Lower Upper

164 100

166 135.5 101.2 151.8

129 88.2 68.8 103.2

131 88.8 65.2 97.8

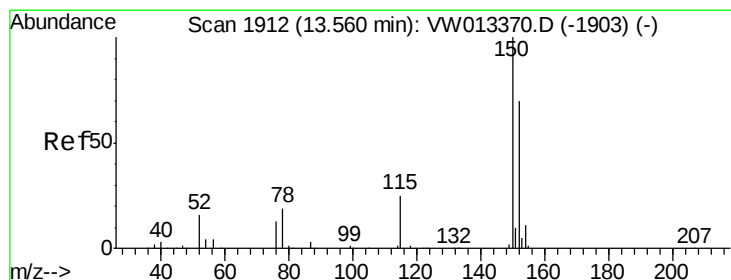
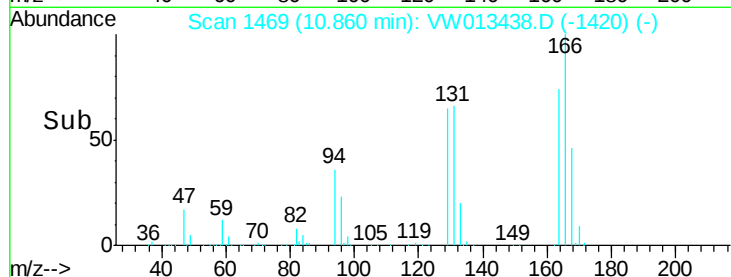
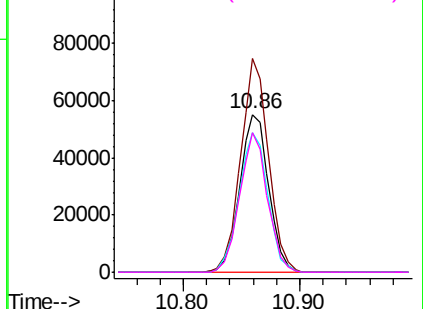


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW013438.D

Acq: 04 Oct 2019 14:54

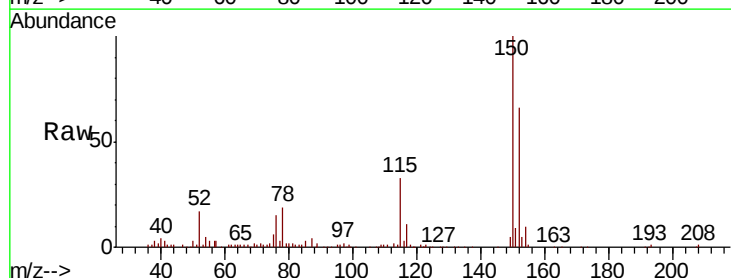
Tgt Ion:152 Resp: 45616

Ion Ratio Lower Upper

152 100

115 53.7 27.3 81.9

150 154.8 0.0 349.0



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

