

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009268.D
 Acq On : 20 Mar 2019 05:33
 Operator : SY/VA
 Sample : K1984-05
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(10-11)

Quant Time: Mar 20 09:03:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

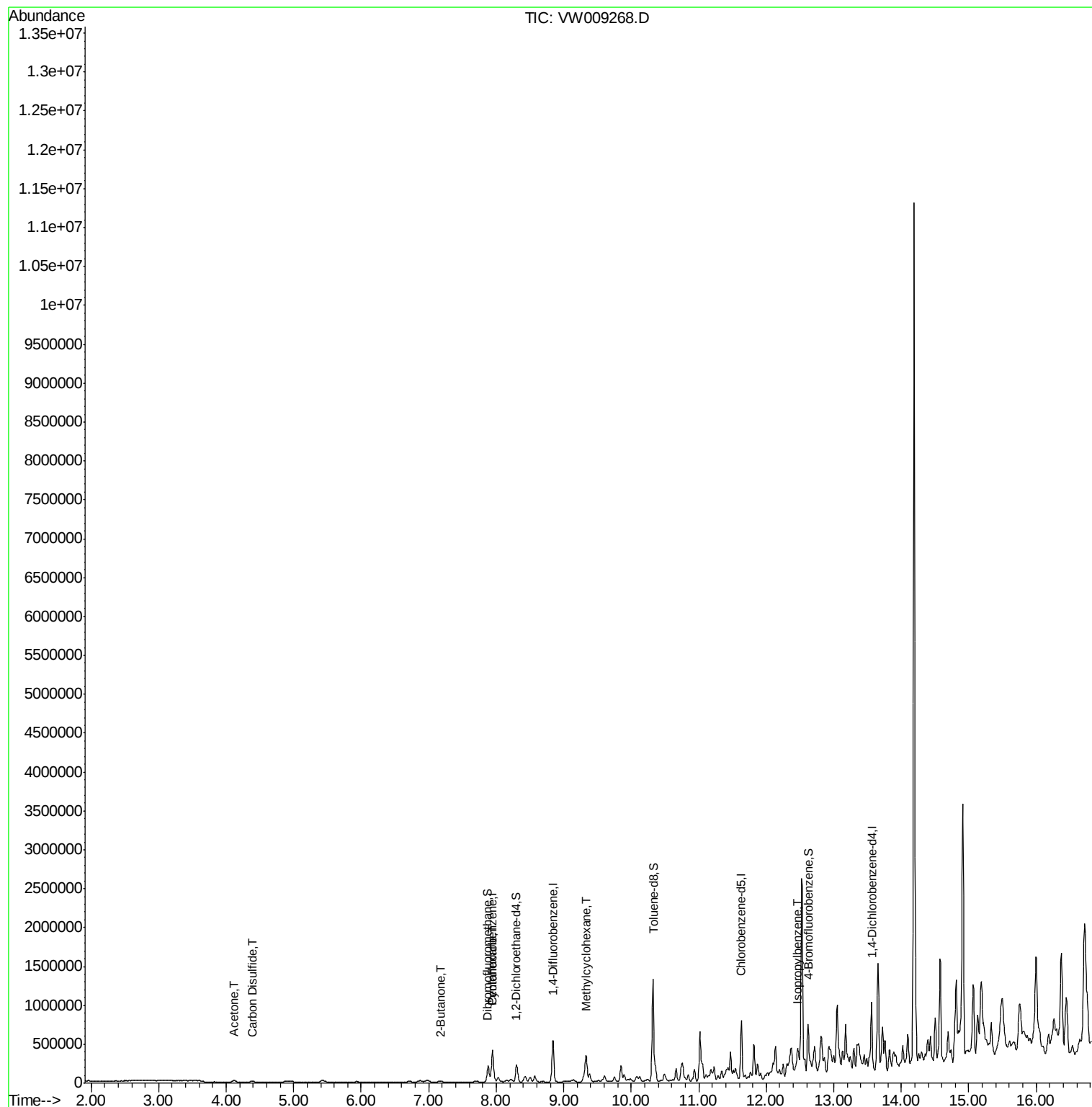
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	163625	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	
35) Dibromofluoromethane	7.88	113	140543	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.32	98	553016	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
62) 4-Bromofluorobenzene	12.62	95	198399	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
Target Compounds						
16) Acetone	4.12	43	32092	56.344	ug/l	97
17) Carbon Disulfide	4.38	76	8557	1.232	ug/l #	91
25) 2-Butanone	7.18	43	9384	11.498	ug/l	95
31) Cyclohexane	7.95	56	37769	8.292	ug/l #	88
39) Methylcyclohexane	9.34	83	112846	22.739	ug/l	96
73) Isopropylbenzene	12.46	105	157912	12.250	ug/l	100

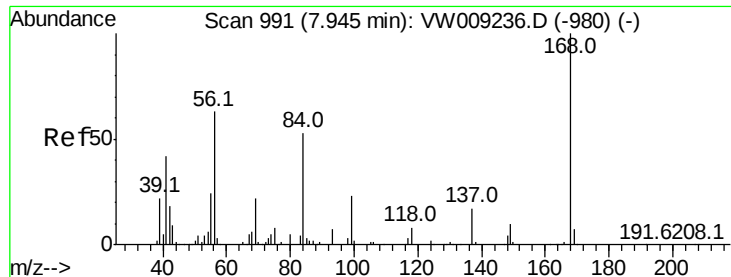
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 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: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampled :

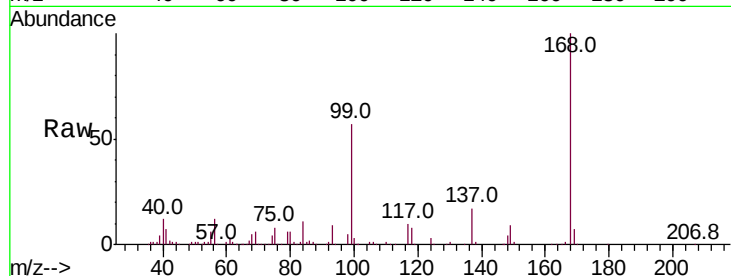
SB-13(10-11)

Tot Ion:168 Resp: 260998

Ion Ratio Lower Upper

168 100

99 56.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

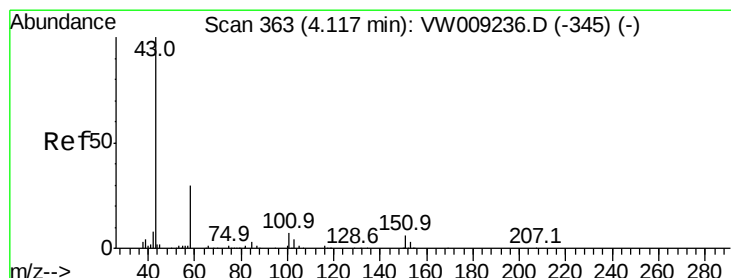
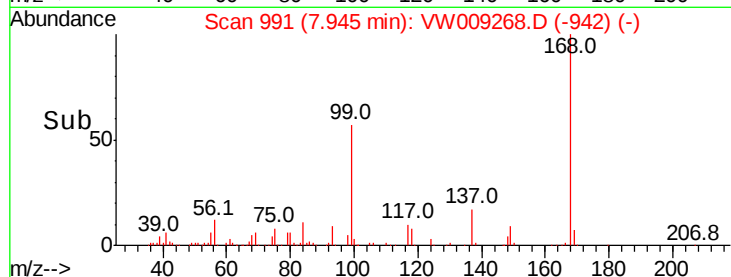
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 56.344 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009268.D

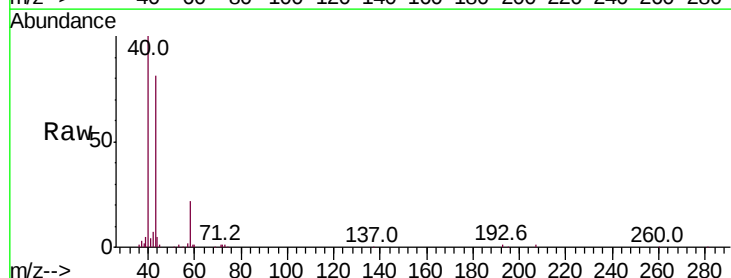
Acq: 20 Mar 2019 05:33

Tgt Ion: 43 Resp: 32092

Ion Ratio Lower Upper

43 100

58 27.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

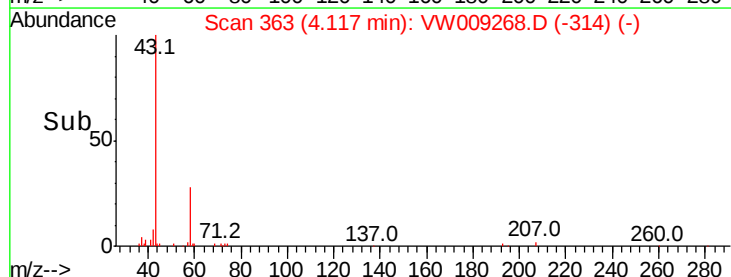
4.12

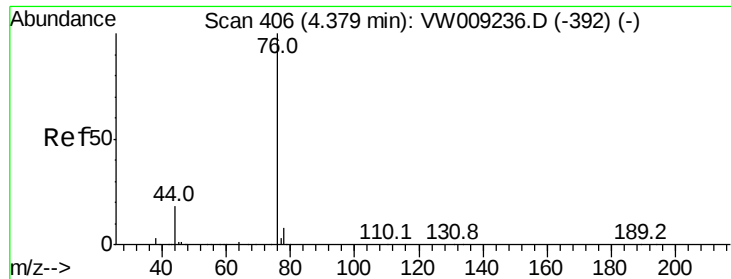
10000

5000

0

Time--> 4.00 4.10 4.20

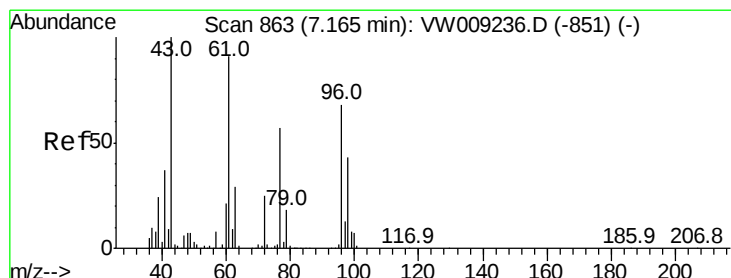
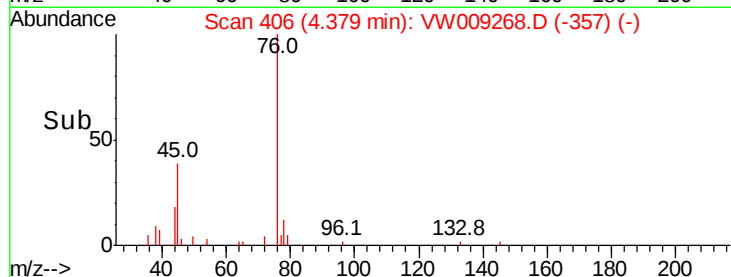
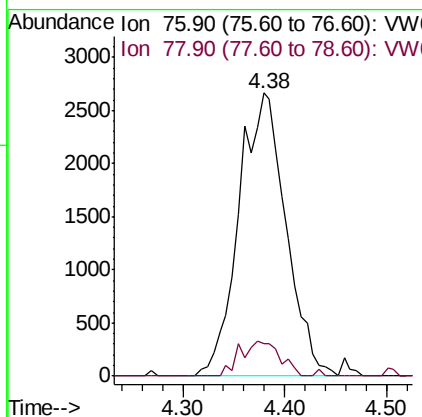
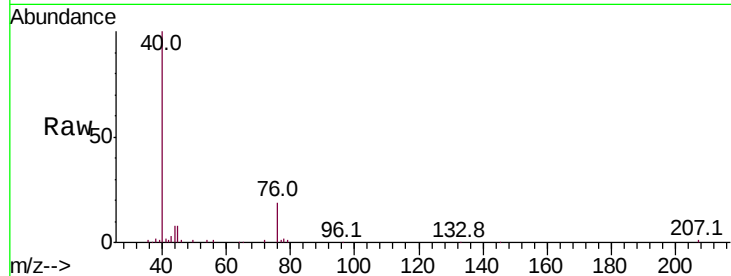




#17
Carbon Disulfide
Concen: 1.232 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

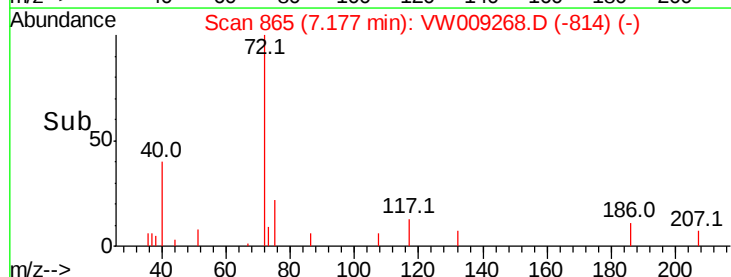
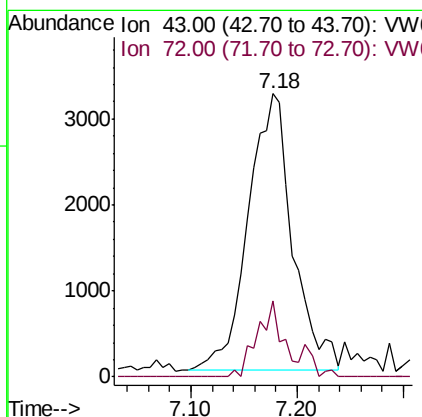
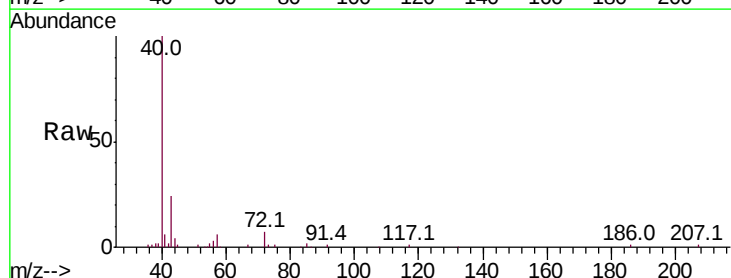
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

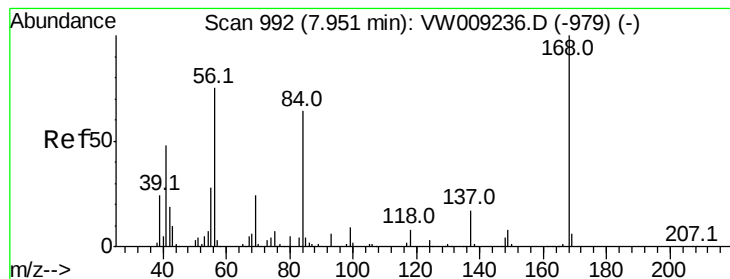
Tot Ion: 76 Resp: 8557
Ion Ratio Lower Upper
76 100
78 11.5 6.6 9.8#



#25
2-Butanone
Concen: 11.498 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion: 43 Resp: 9384
Ion Ratio Lower Upper
43 100
72 27.3 20.0 30.0





#31

Cyclohexane

Concen: 8.292 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

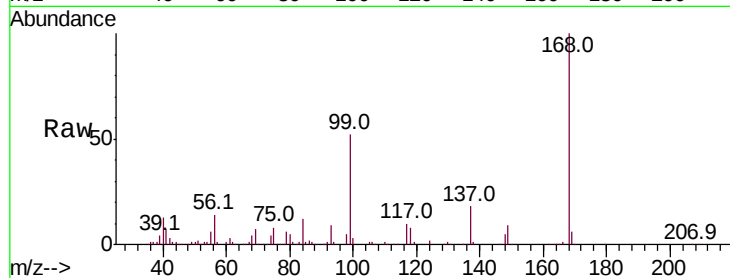
Tot Ion: 56 Resp: 37769

Ion Ratio Lower Upper

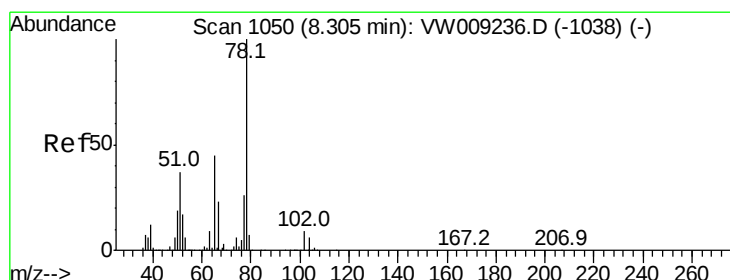
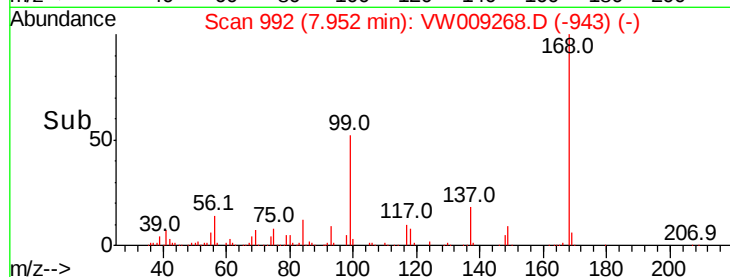
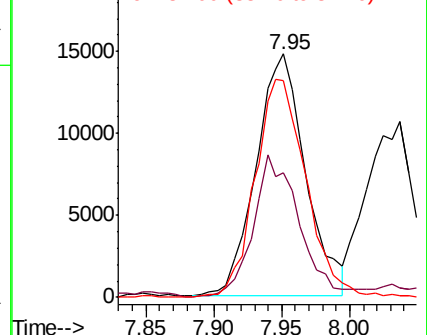
56 100

69 51.4 26.1 39.1#

84 89.5 68.6 103.0



Abundance Ion 56.00 (55.70 to 56.70): VW
 20000 Ion 69.00 (68.70 to 69.70): VW
 Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 58.939 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009268.D

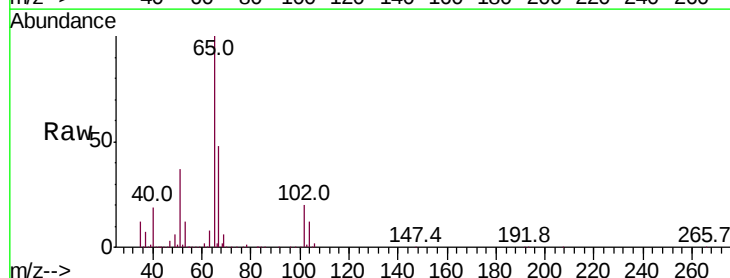
Acq: 20 Mar 2019 05:33

Tgt Ion: 65 Resp: 163625

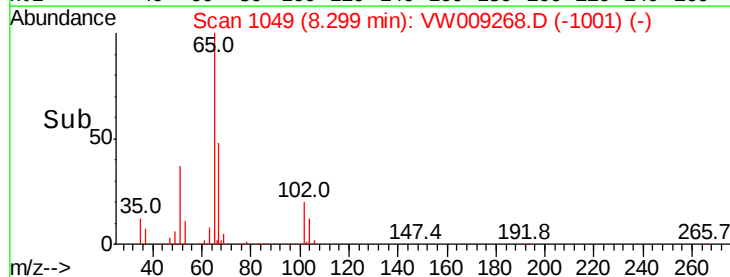
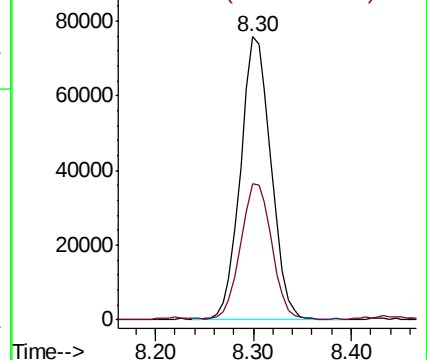
Ion Ratio Lower Upper

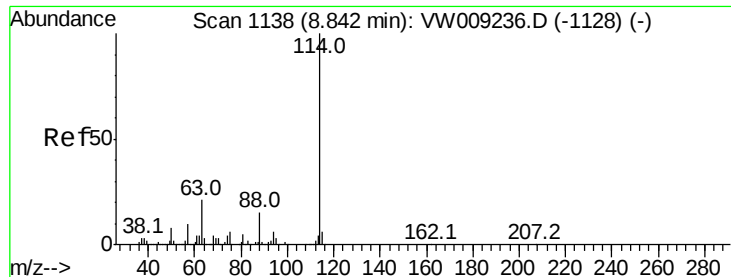
65 100

67 49.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
 80000 Ion 66.90 (66.60 to 67.60): VW

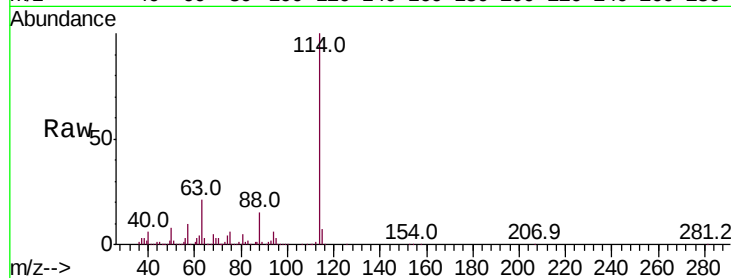




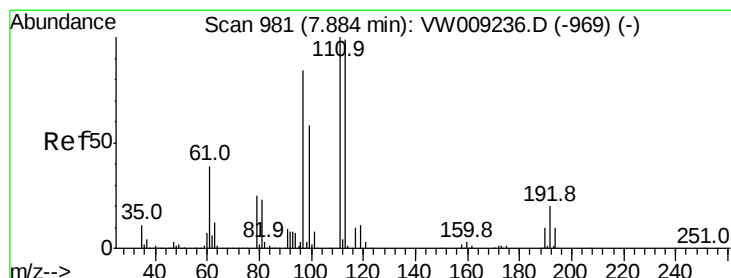
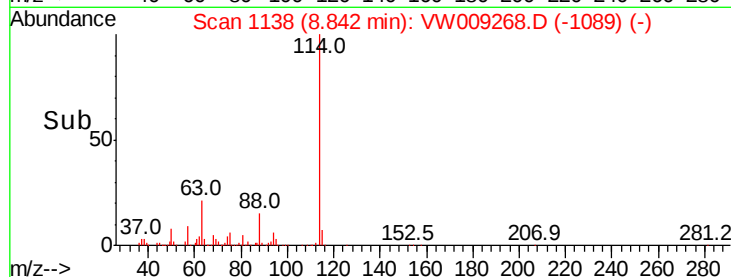
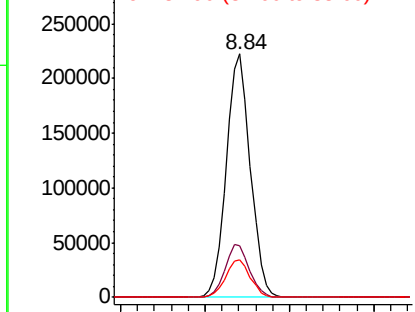
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(10-11)

Tot Ion:114 Resp: 431049
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.2
 88 15.3 0.0 30.8

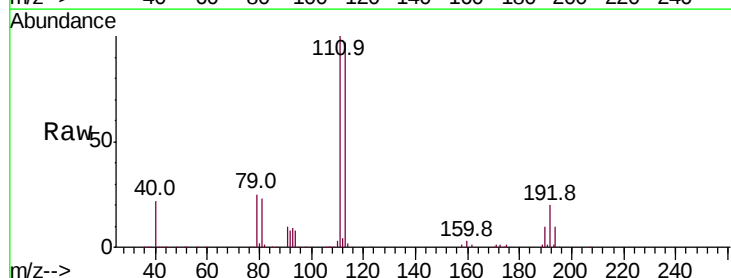


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

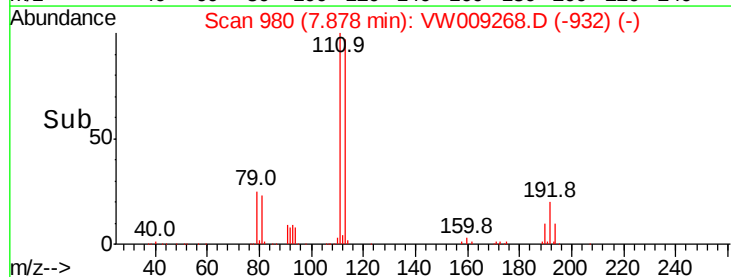
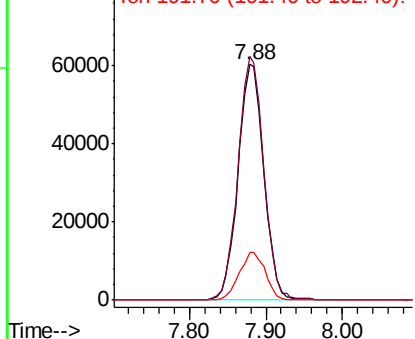


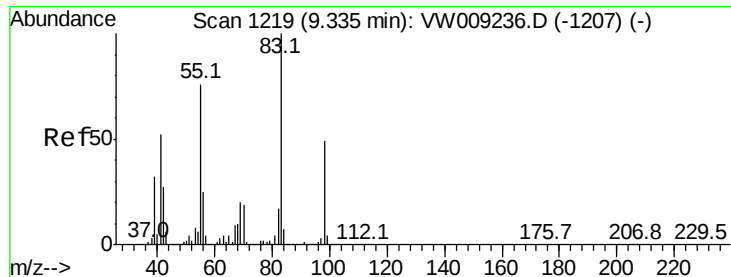
#35
 Dibromofluoromethane
 Concen: 51.399 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

Tgt Ion:113 Resp: 140543
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 20.7 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

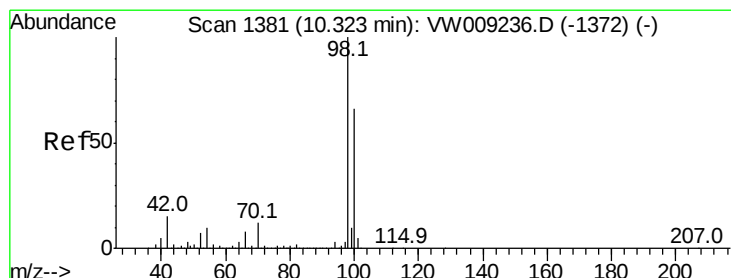
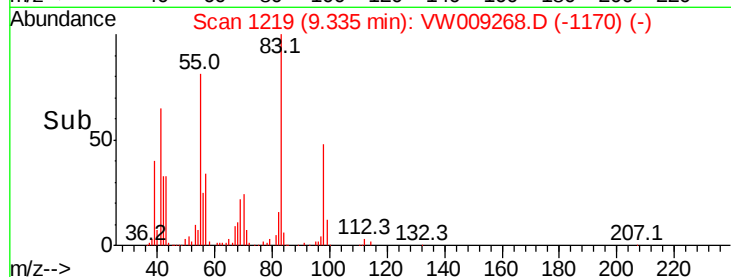
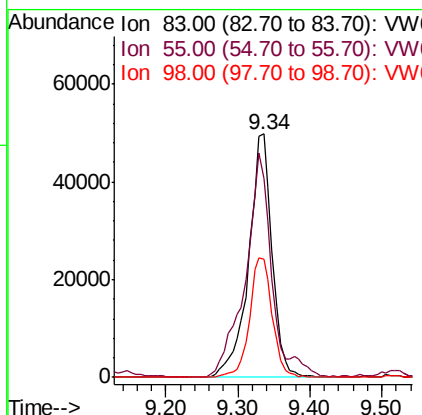
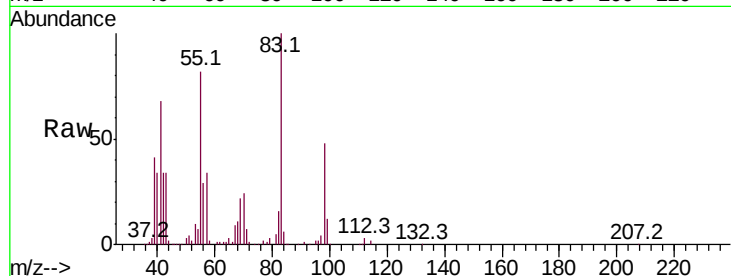




#39
Methvlcvclohexane
Concen: 22.739 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

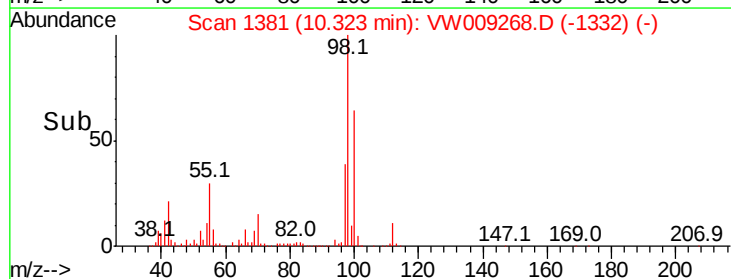
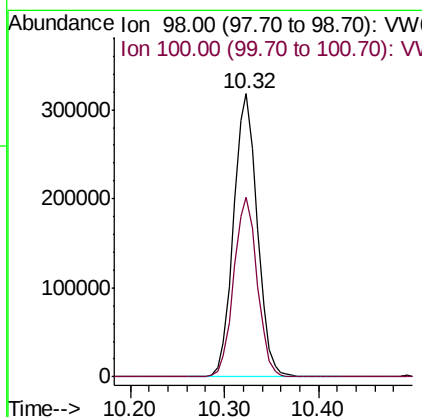
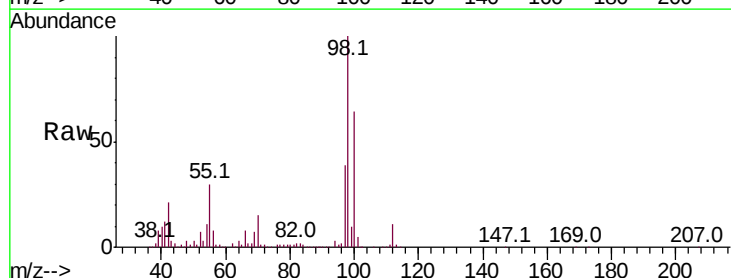
Instrument :
MSVOA_W
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SB-13(10-11)

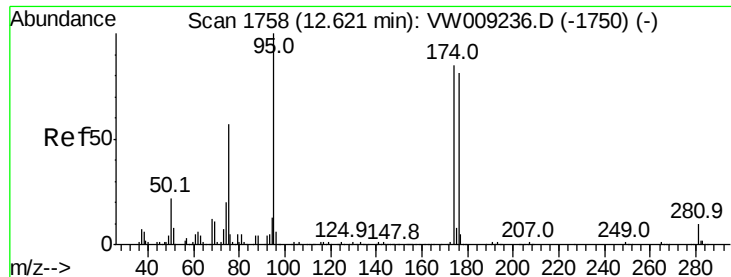
Tot Ion: 83 Resp: 112846
Ion Ratio Lower Upper
83 100
55 81.4 61.1 91.7
98 48.4 39.0 58.4



#50
Toluene-d8
Concen: 55.653 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion: 98 Resp: 553016
Ion Ratio Lower Upper
98 100
100 62.6 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 54.379 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

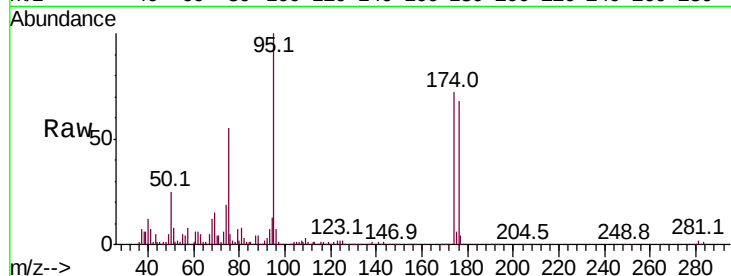
Tot Ion: 95 Resp: 198399

Ion Ratio Lower Upper

95 100

174 77.1 0.0 168.4

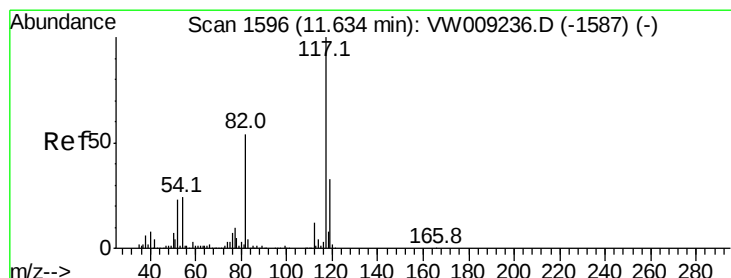
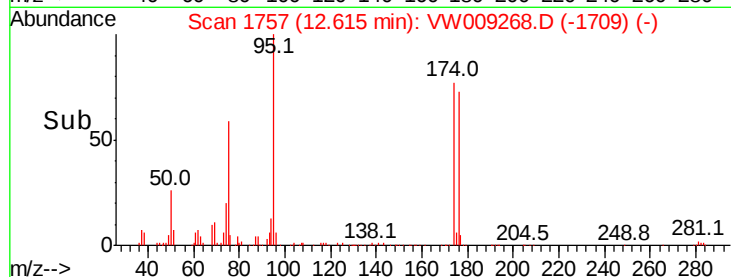
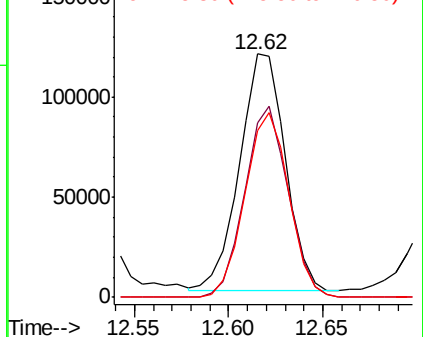
176 75.4 0.0 161.6



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: VW009268.D

Acq: 20 Mar 2019 05:33

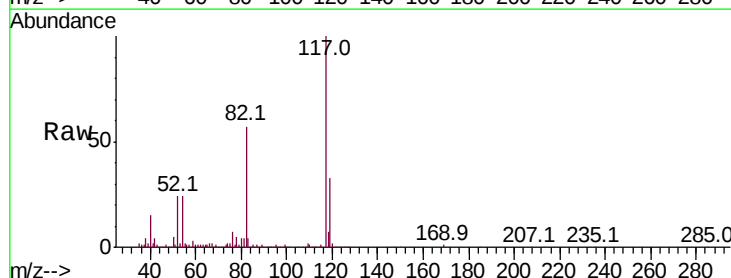
Tgt Ion: 117 Resp: 384897

Ion Ratio Lower Upper

117 100

82 56.6 43.6 65.4

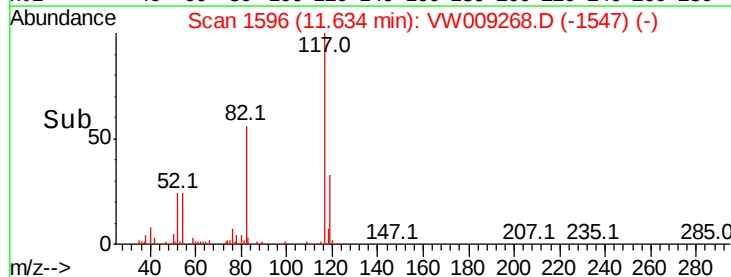
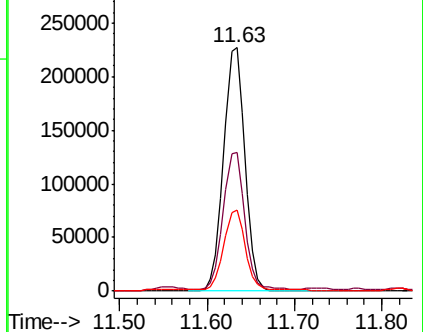
119 33.0 26.0 39.0

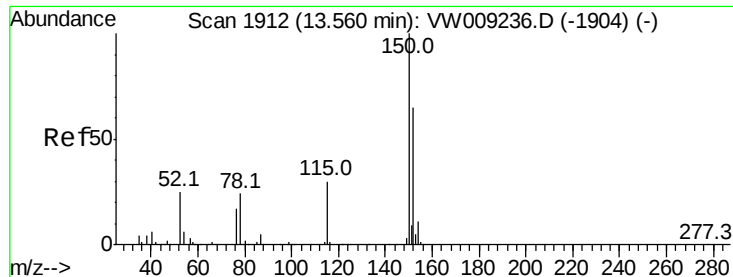


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

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ClientSampleId :

SB-13(10-11)

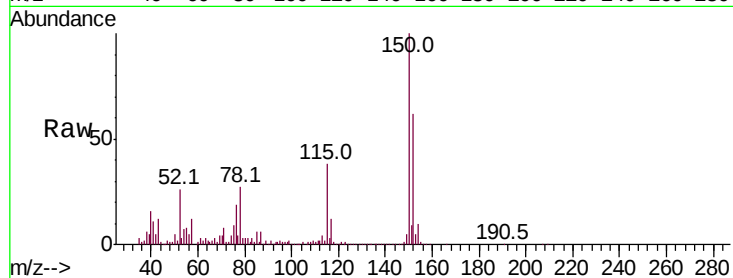
Tot Ion:152 Resp: 192869

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.8

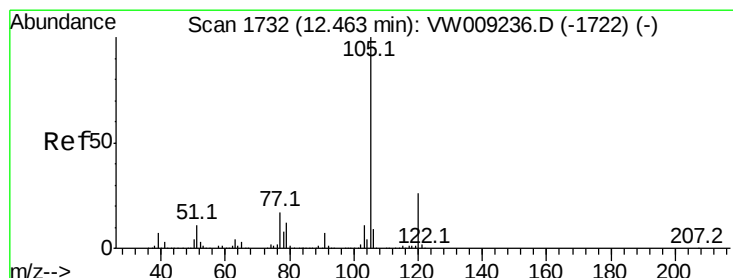
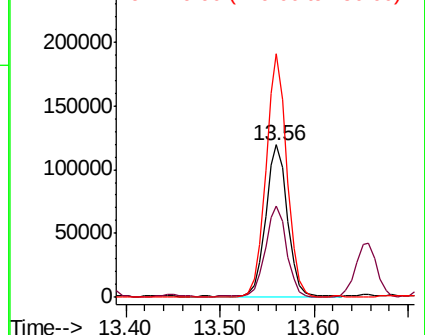
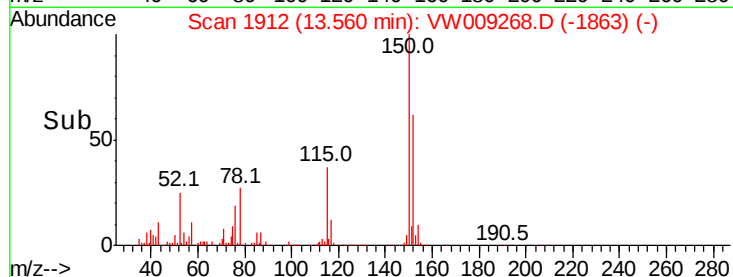
150 153.0 0.0 349.2



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



#73

Isopropylbenzene

Concen: 12.250 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009268.D

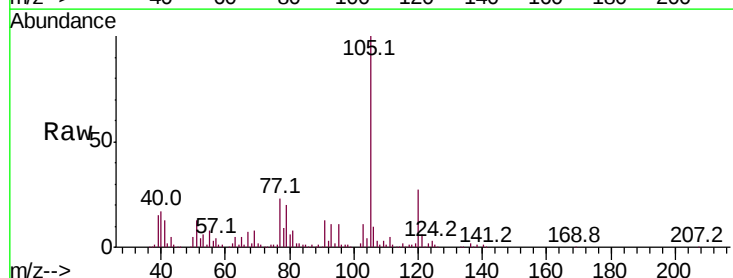
Acq: 20 Mar 2019 05:33

Tgt Ion:105 Resp: 157912

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

