

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051219\
 Data File : VW010407.D
 Acq On : 12 May 2019 14:42
 Operator : SY/VA
 Sample : K2718-21
 Misc : 3.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0002-01

Quant Time: May 14 18:22:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

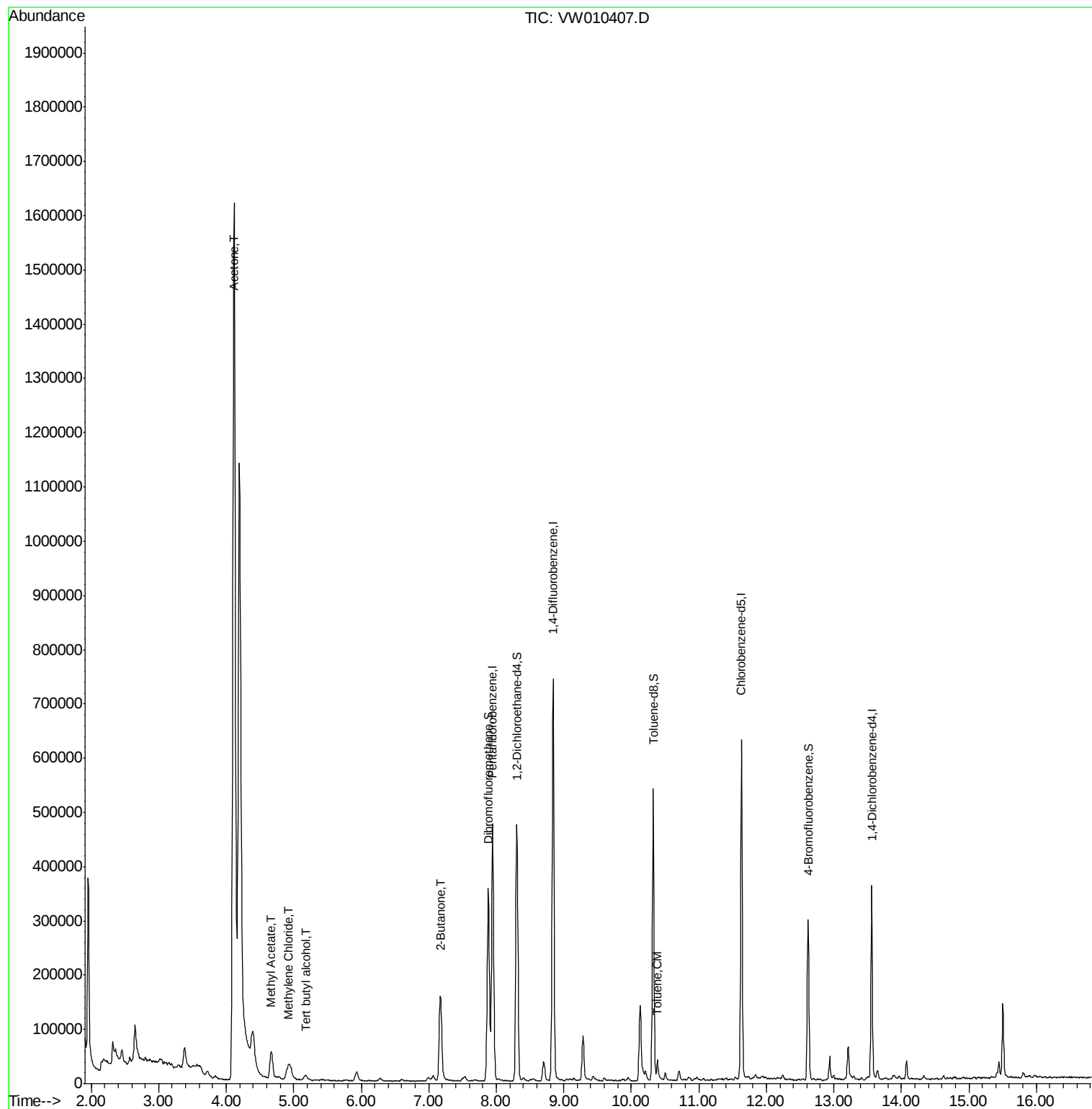
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	594899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	368260	102.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	205.50%	
35) Dibromofluoromethane	7.88	113	260023	74.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.38%	
50) Toluene-d8	10.32	98	336336	23.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.46%	
62) 4-Bromofluorobenzene	12.62	95	86967	17.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.86%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	14623	57.774	ug/l	98
16) Acetone	4.12	43	2830685	3029.665	ug/l	95
18) Methyl Acetate	4.67	43	94335	40.763	ug/l	94
20) Methylene Chloride	4.92	84	20824	5.344	ug/l	83
25) 2-Butanone	7.17	43	251853	176.203	ug/l	98
52) Toluene	10.39	92	13290	1.231	ug/l	99

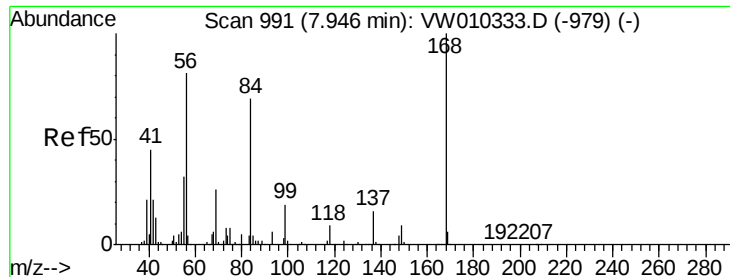
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051219\
Data File : VW010407.D
Acq On : 12 May 2019 14:42
Operator : SY/VA
Sample : K2718-21
Misc : 3.65G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P026-SS008-0002-01

Quant Time: May 14 18:22:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 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: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

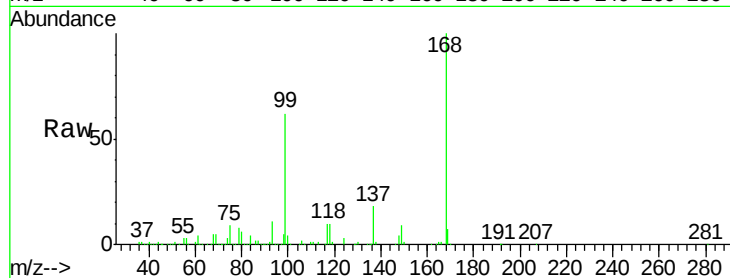
P026-SS008-0002-01

Tgt Ion:168 Resp: 337116

Ion Ratio Lower Upper

168 100

99 62.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

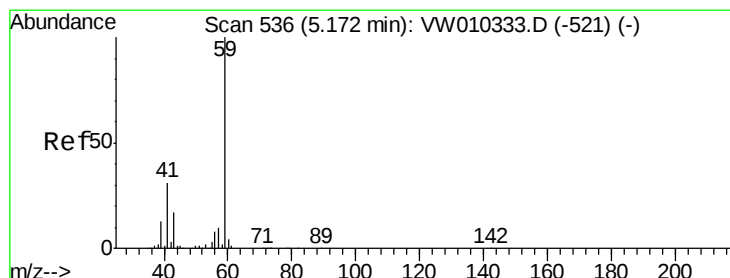
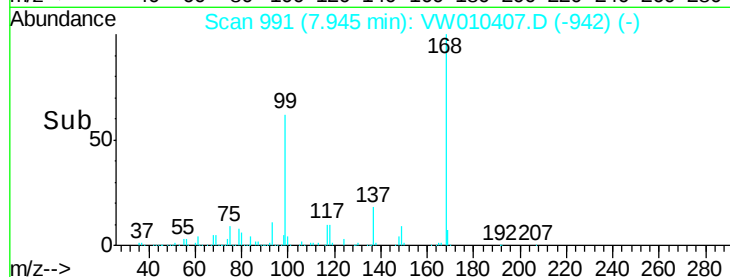
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 57.774 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010407.D

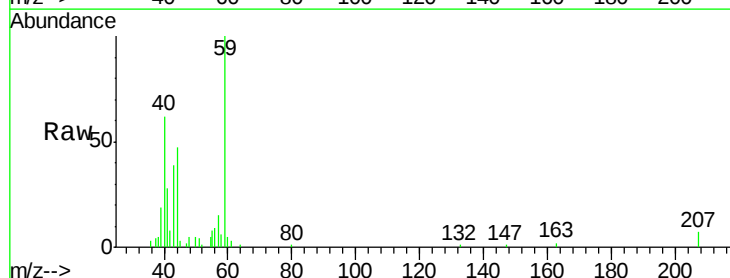
Acq: 12 May 2019 14:42

Tgt Ion: 59 Resp: 14623

Ion Ratio Lower Upper

59 100

57 11.8 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

4000

3000

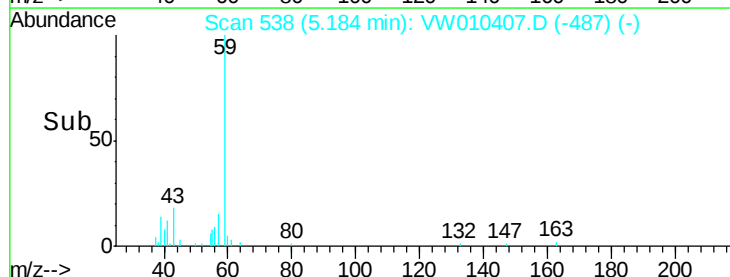
2000

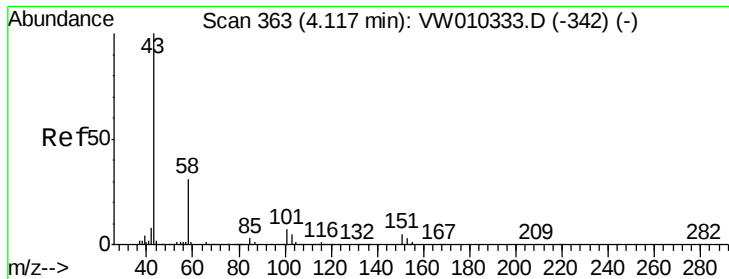
1000

0

5.00 5.10 5.20 5.30

Time-->





#16

Acetone

Concen: 3029.665 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

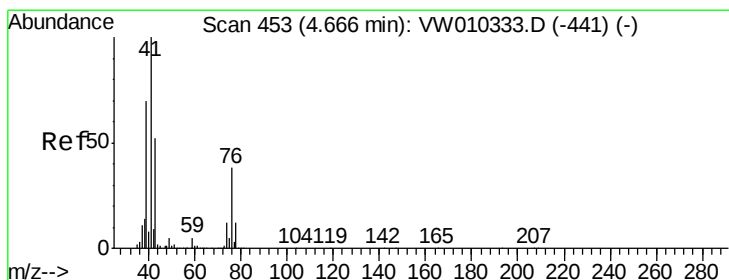
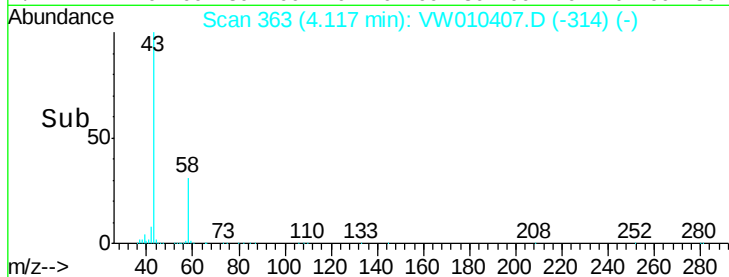
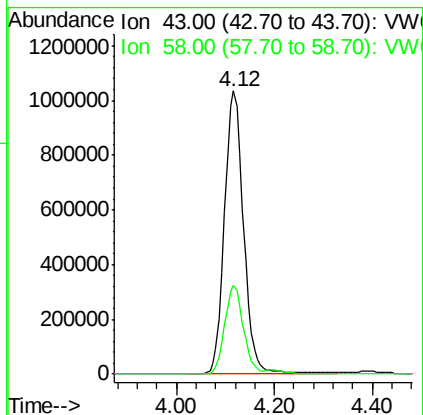
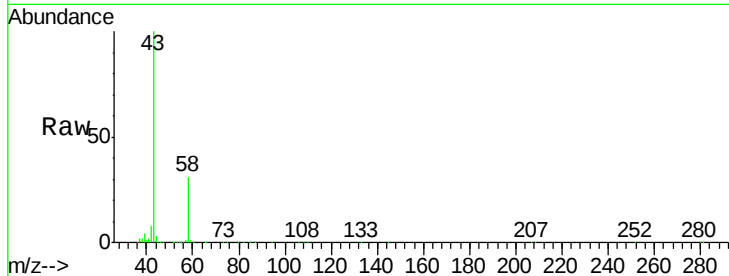
P026-SS008-0002-01

Tgt Ion: 43 Resp: 2830685

Ion Ratio Lower Upper

43 100

58 31.3 22.7 34.1



#18

Methyl Acetate

Concen: 40.763 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010407.D

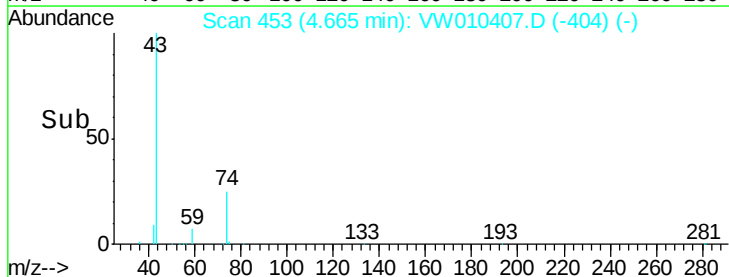
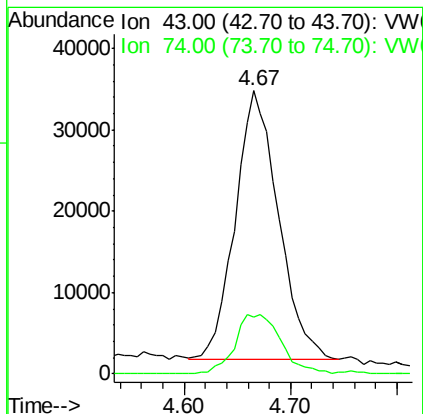
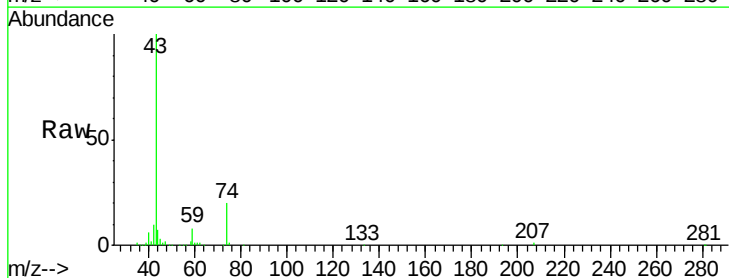
Acq: 12 May 2019 14:42

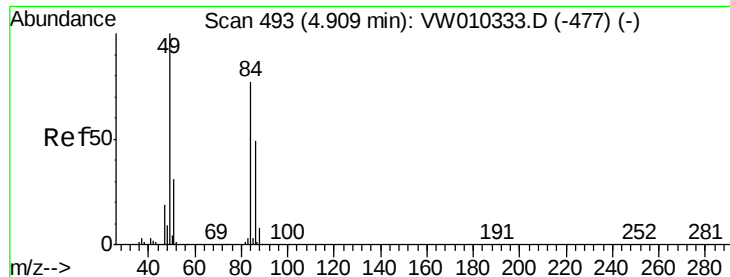
Tgt Ion: 43 Resp: 94335

Ion Ratio Lower Upper

43 100

74 23.6 16.8 25.2

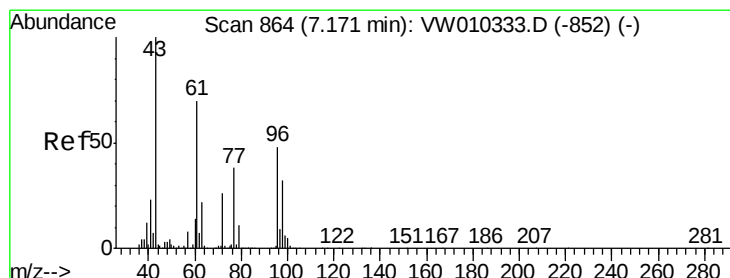
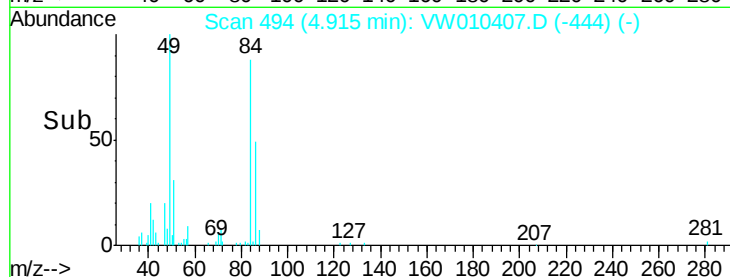
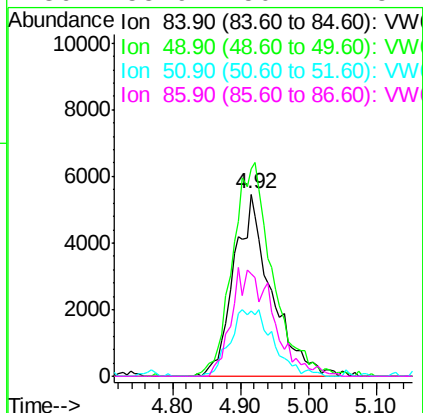
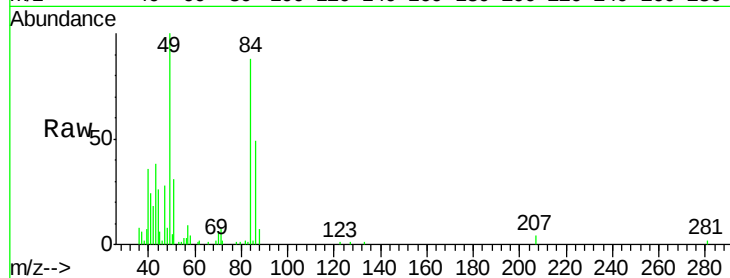




#20
Methylene Chloride
Concen: 5.344 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010407.D
Acq: 12 May 2019 14:42

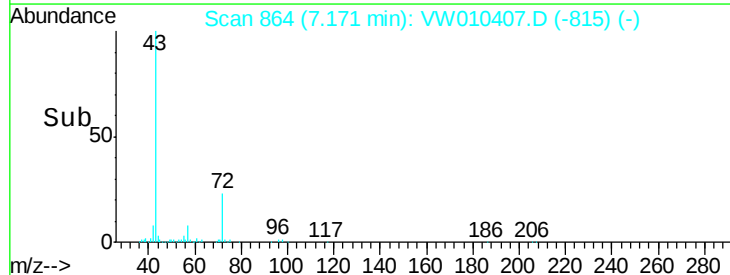
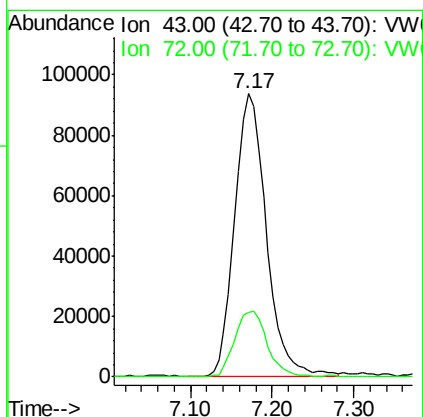
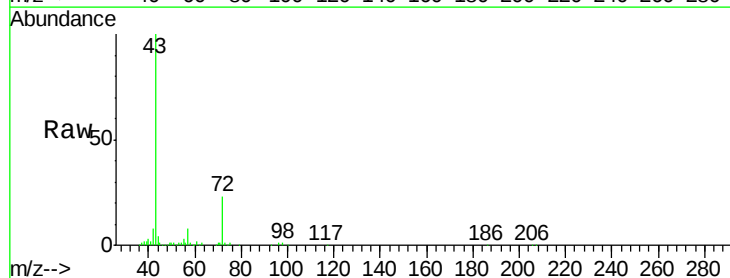
Instrument :
MSVOA_W
ClientSampleId :
P026-SS008-0002-01

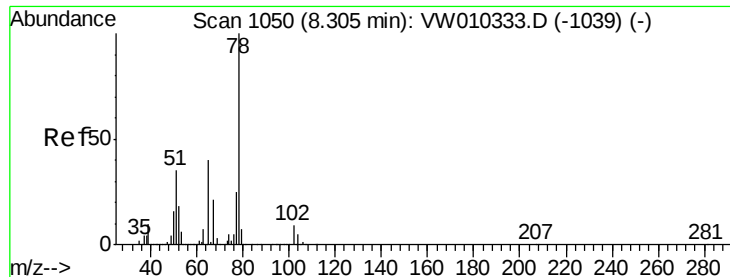
Tgt Ion:	84	Resp:	20824
Ion	Ratio	Lower	Upper
84	100		
49	113.5	112.3	168.5
51	35.6	33.9	50.9
86	55.9	50.2	75.4



#25
2-Butanone
Concen: 176.203 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010407.D
Acq: 12 May 2019 14:42

Tgt Ion:	43	Resp:	251853
Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.1	28.7





#33

1,2-Dichloroethane-d4

Concen: 102.751 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

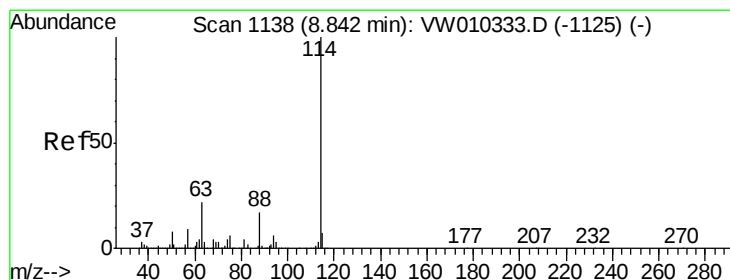
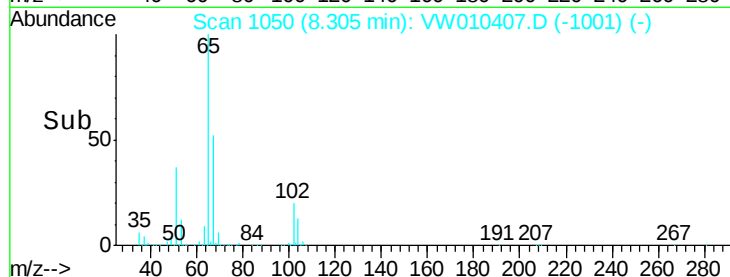
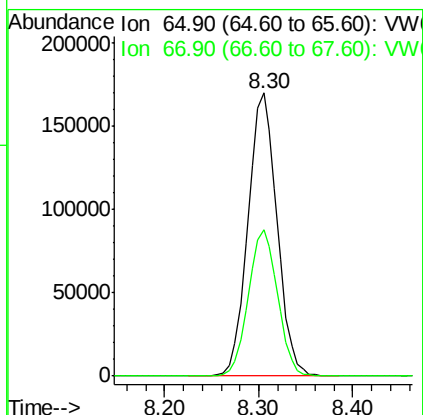
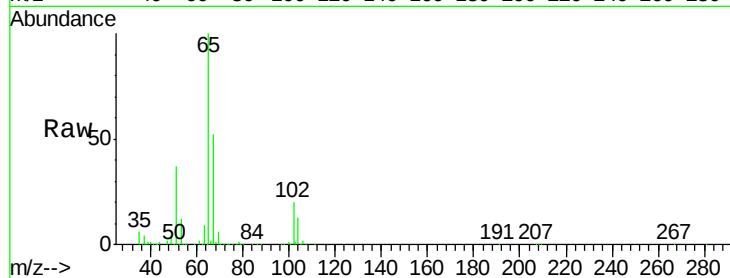
P026-SS008-0002-01

Tgt Ion: 65 Resp: 368260

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

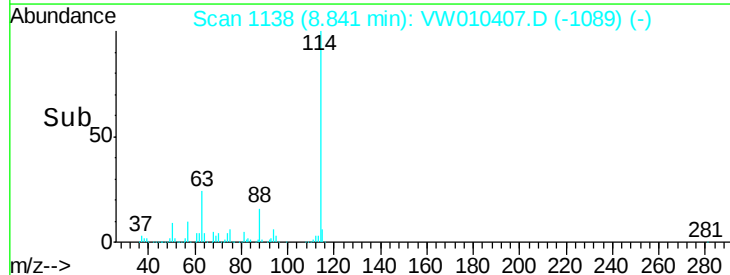
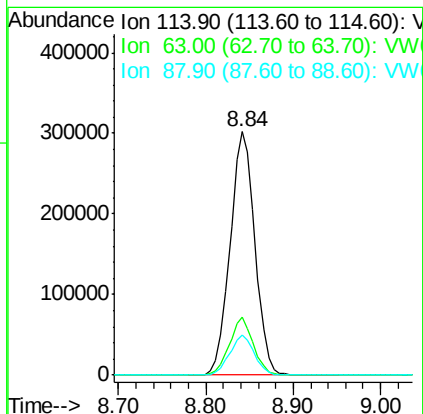
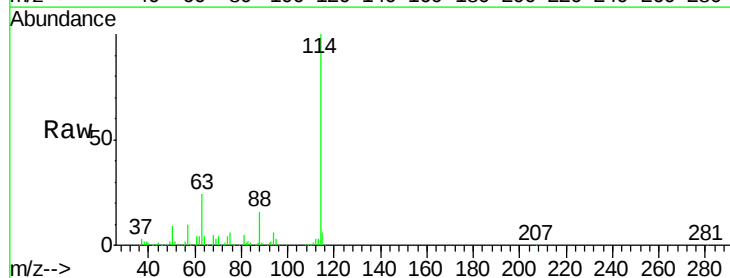
Tgt Ion: 114 Resp: 594899

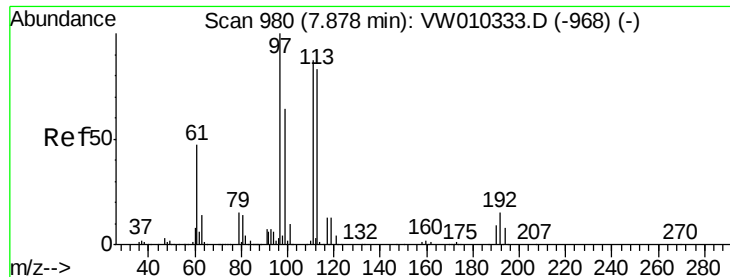
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.2

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 74.692 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

P026-SS008-0002-01

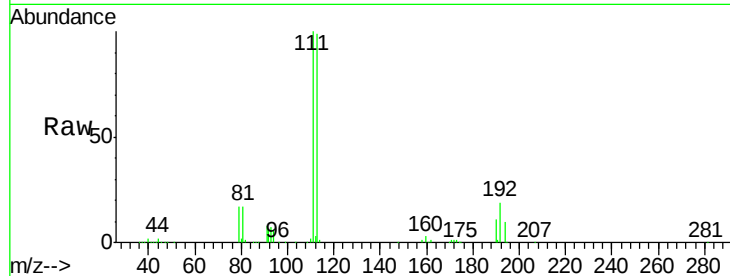
Tgt Ion:113 Resp: 260023

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

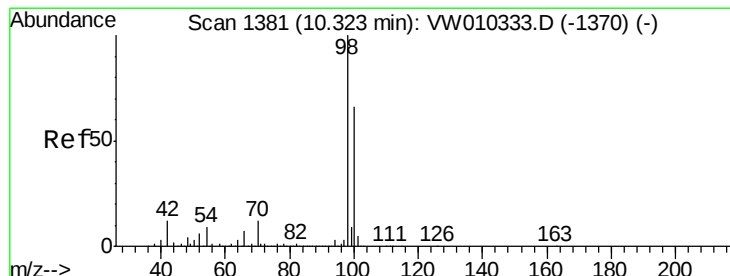
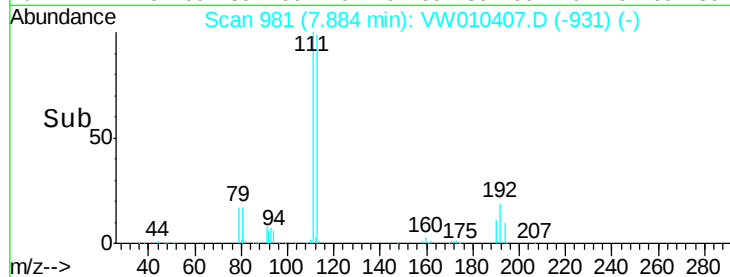
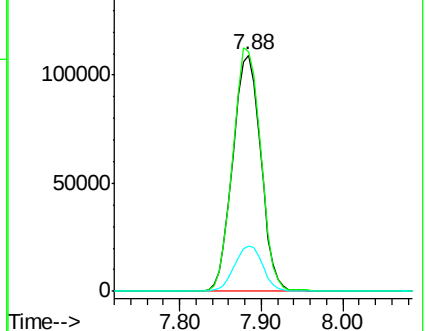
192 19.2 15.4 23.2



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: 23.726 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010407.D

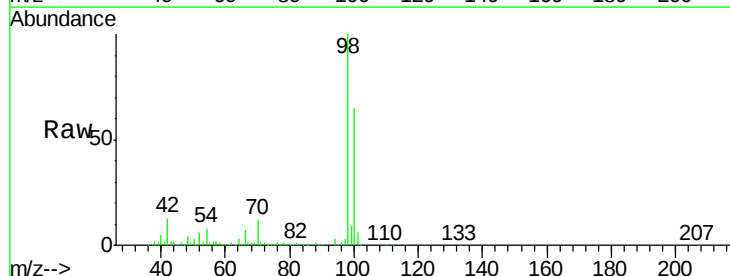
Acq: 12 May 2019 14:42

Tgt Ion: 98 Resp: 336336

Ion Ratio Lower Upper

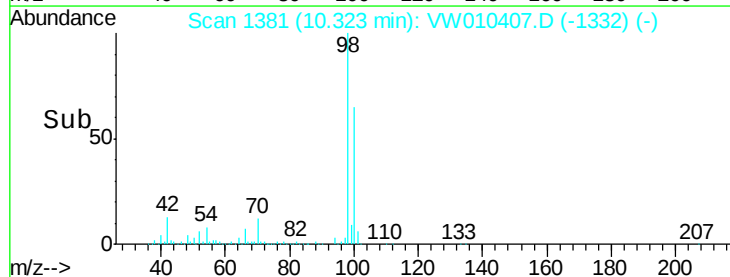
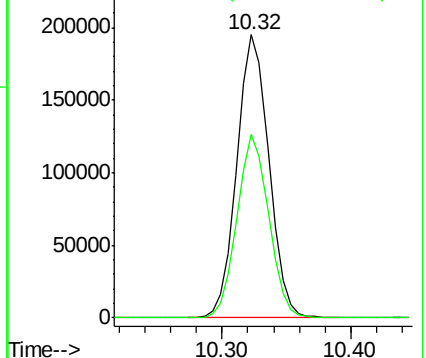
98 100

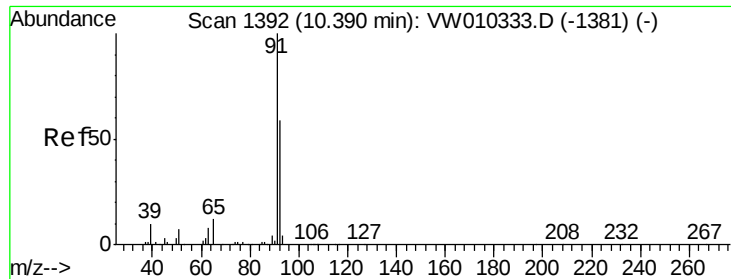
100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.231 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

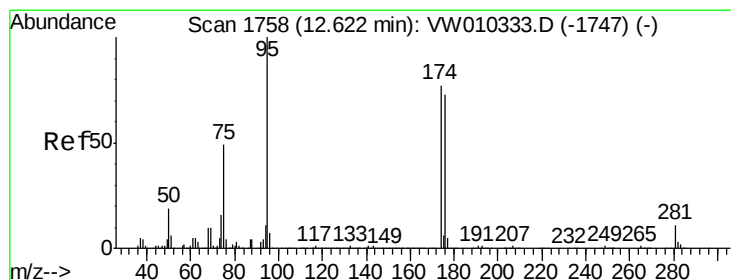
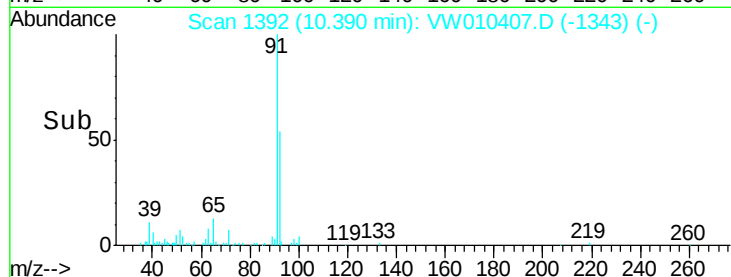
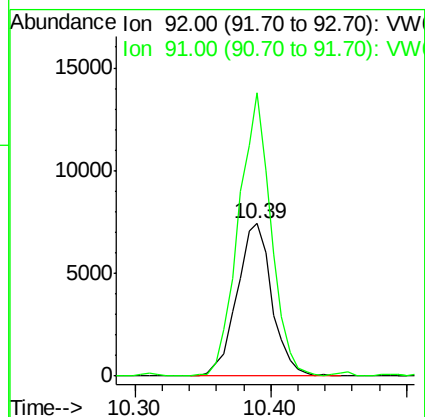
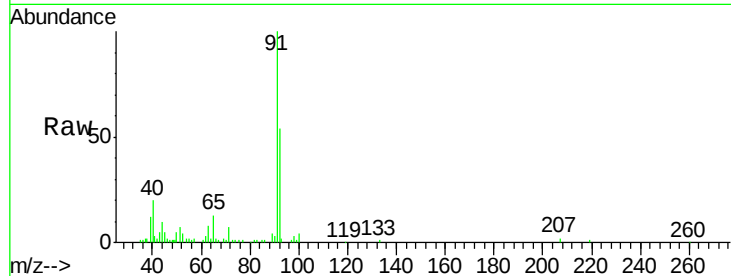
P026-SS008-0002-01

Tgt Ion: 92 Resp: 13290

Ion Ratio Lower Upper

92 100

91 172.1 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 17.428 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

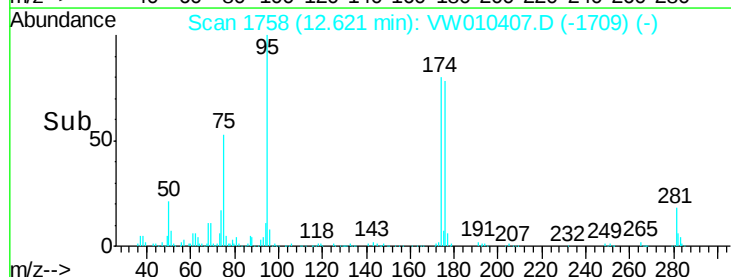
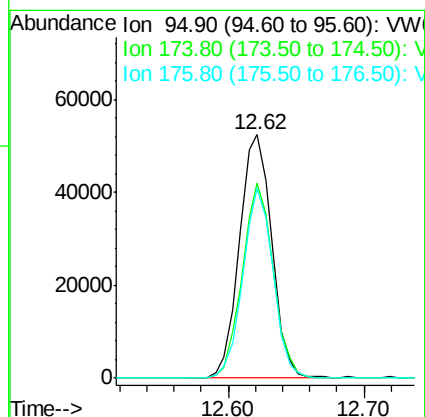
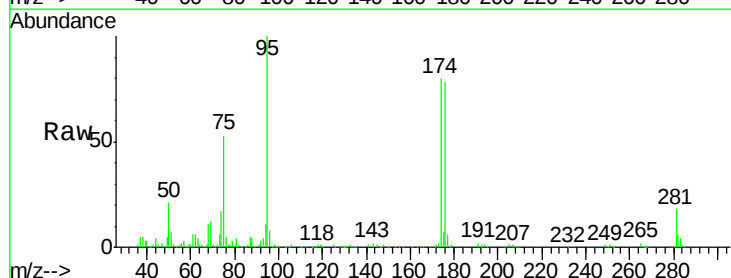
Tgt Ion: 95 Resp: 86967

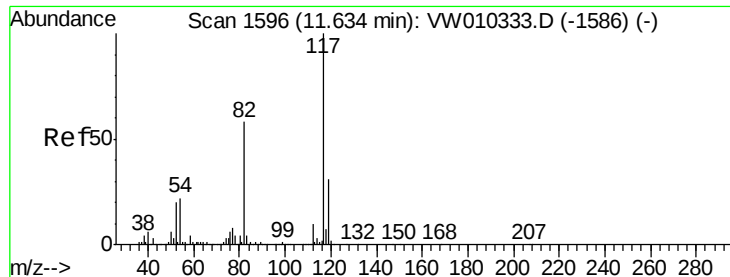
Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.4

176 73.2 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010407.D

Acq: 12 May 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

P026-SS008-0002-01

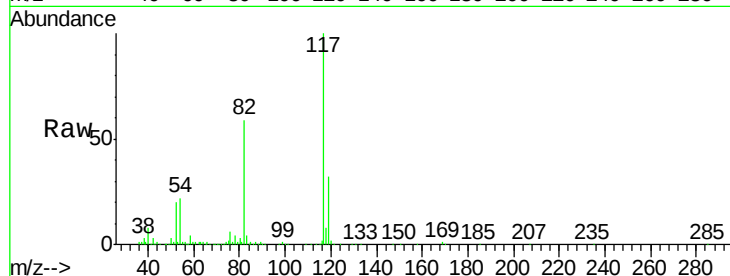
Tgt Ion:117 Resp: 339340

Ion Ratio Lower Upper

117 100

82 59.4 45.2 67.8

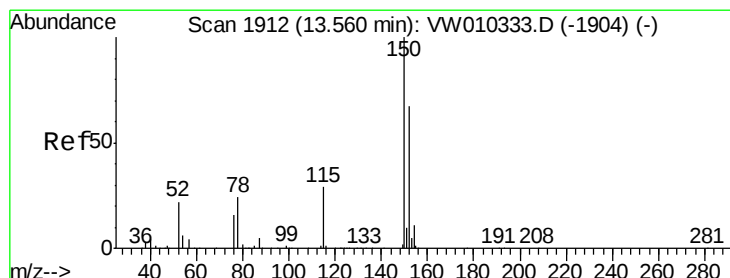
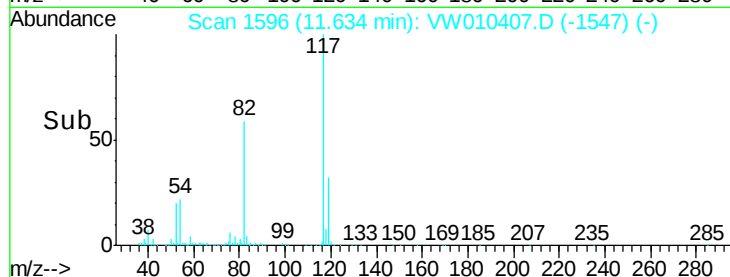
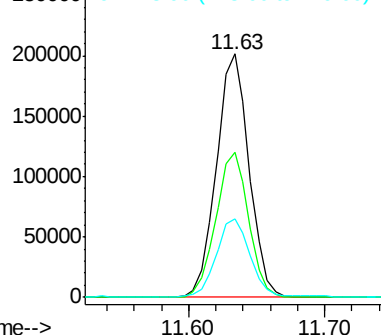
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW010407.D

Acq: 12 May 2019 14:42

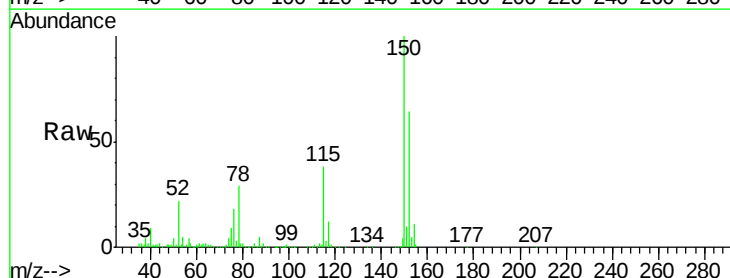
Tgt Ion:152 Resp: 88756

Ion Ratio Lower Upper

152 100

115 59.8 30.4 91.2

150 157.8 0.0 347.0



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

