

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010382.D
 Acq On : 11 May 2019 15:41
 Operator : SY/VA
 Sample : K2719-10
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-0612-01

Quant Time: May 12 00:50:34 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

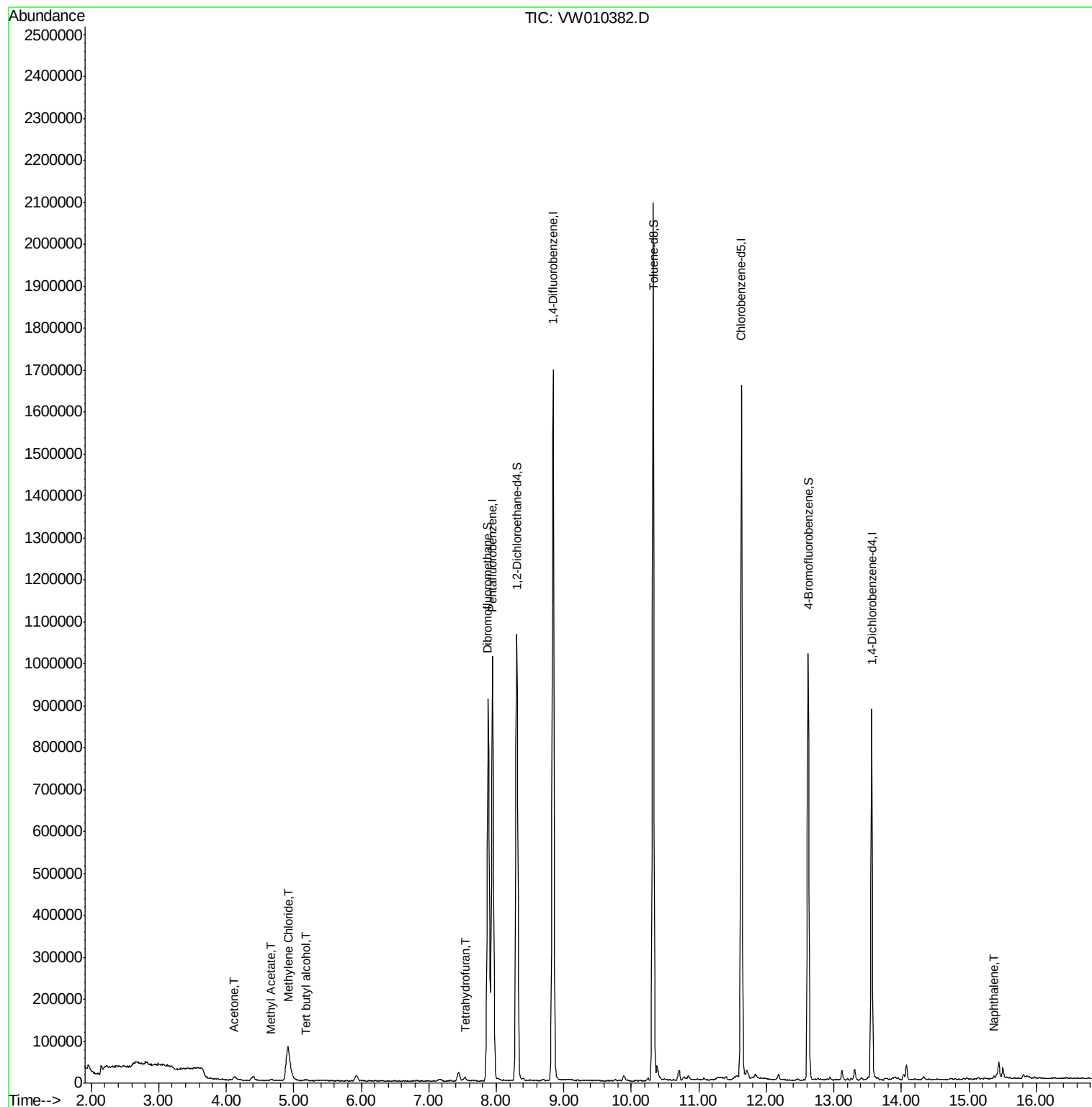
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	715449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1355242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	884736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	227911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	828933	108.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	217.96%	
35) Dibromofluoromethane	7.88	113	649898	81.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.90%	
50) Toluene-d8	10.32	98	1333824	41.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.60%	
62) 4-Bromofluorobenzene	12.62	95	323928	28.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	3734	6.951	ug/l #	81
16) Acetone	4.12	43	17118	8.633	ug/l	92
18) Methyl Acetate	4.66	43	7307	1.488	ug/l	95
20) Methylene Chloride	4.92	84	81258	9.825	ug/l	95
29) Tetrahydrofuran	7.54	42	6555	3.341	ug/l #	86
95) Naphthalene	15.38	128	4740	4.020	ug/l #	92

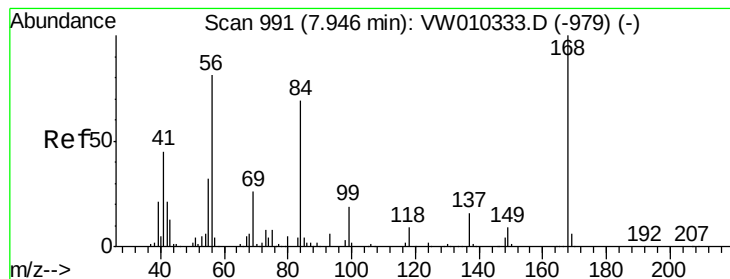
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010382.D

Acq: 11 May 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

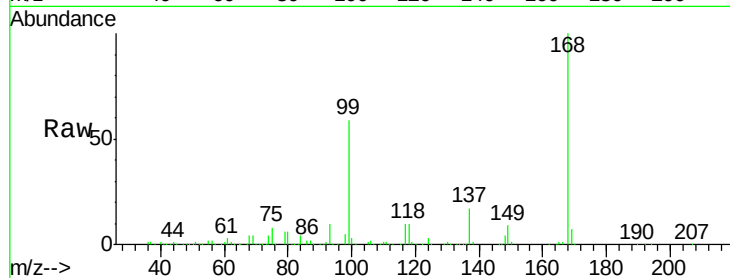
P026-SS009-0612-01

Tot Ion:168 Resp: 715449

Ion Ratio Lower Upper

168 100

99 59.1 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

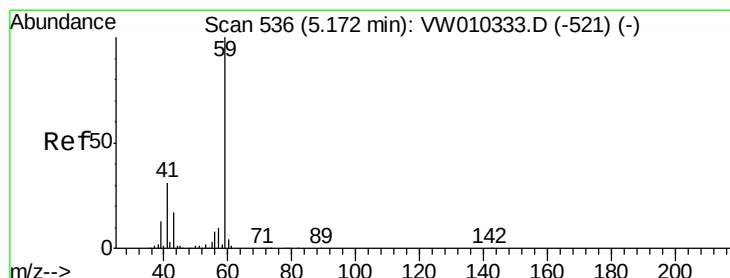
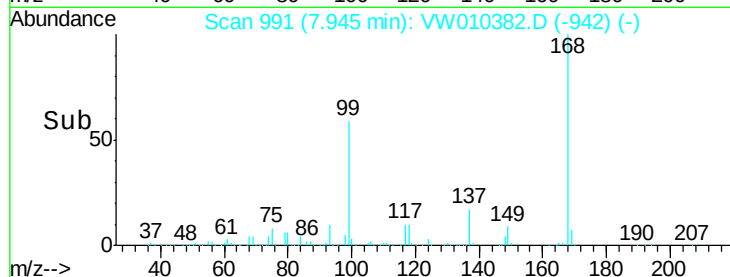
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.951 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010382.D

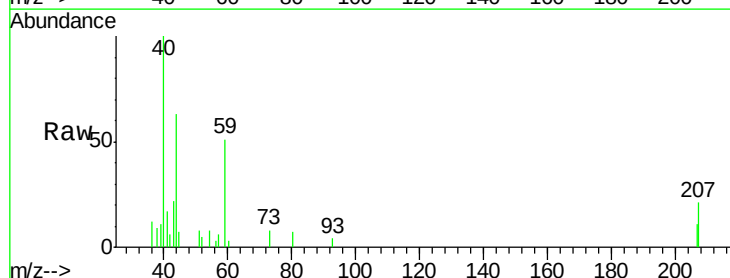
Acq: 11 May 2019 15:41

Tgt Ion: 59 Resp: 3734

Ion Ratio Lower Upper

59 100

57 4.1 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

1200

1000

800

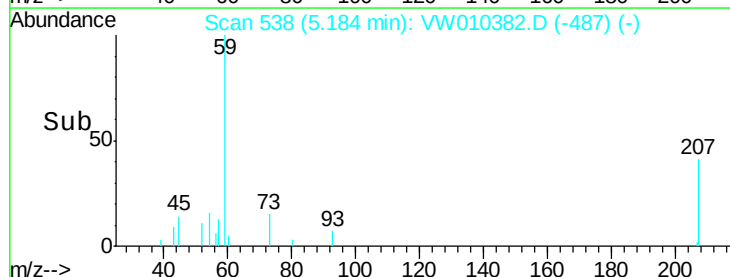
600

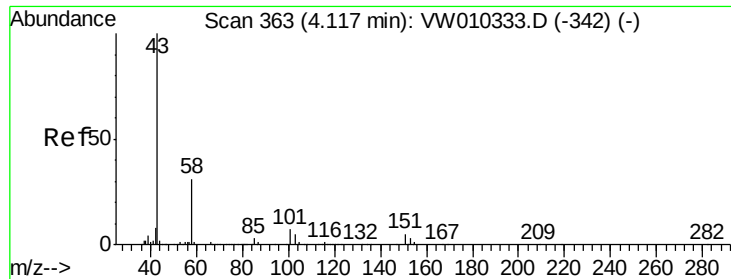
400

200

0

Time-->

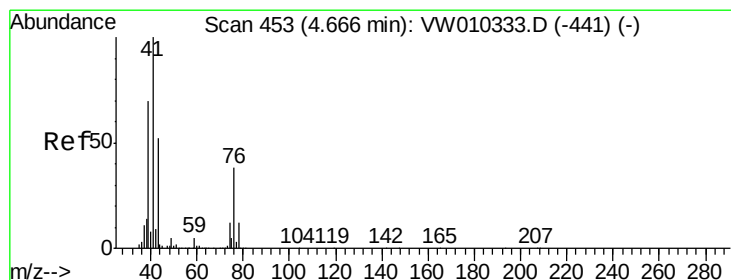
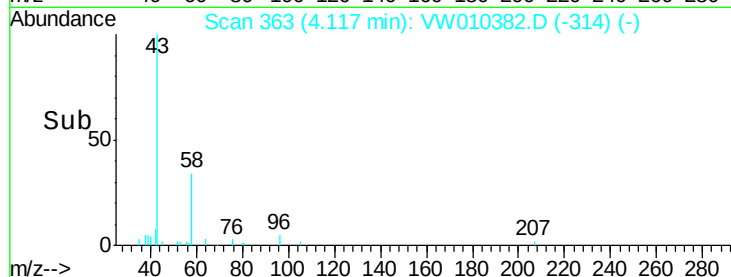
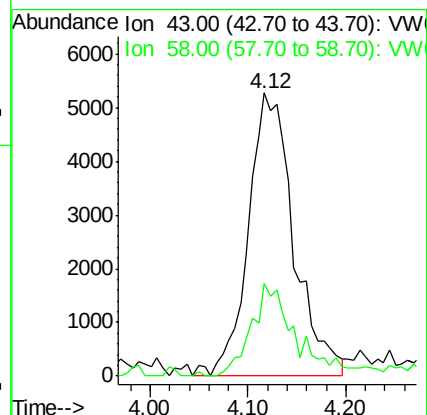
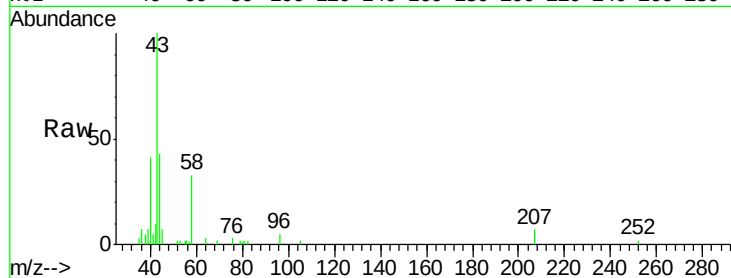




#16
Acetone
Concen: 8.633 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010382.D
Acq: 11 May 2019 15:41

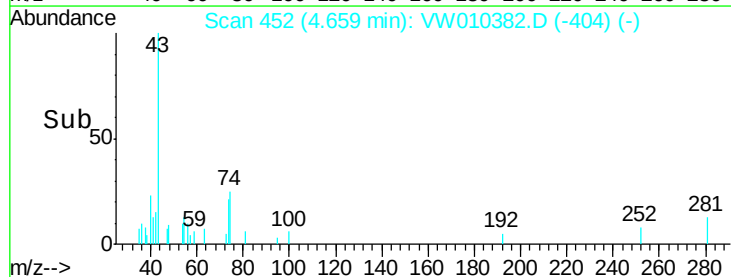
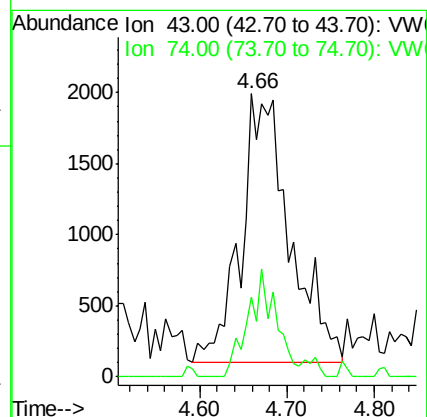
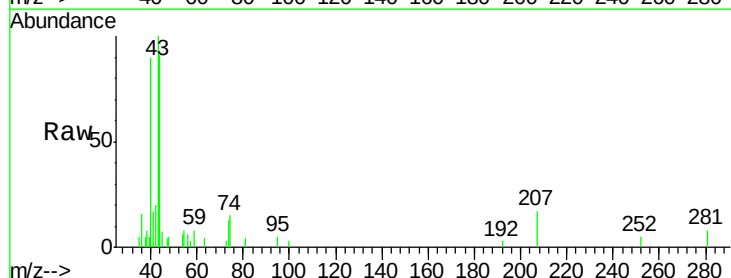
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-0612-01

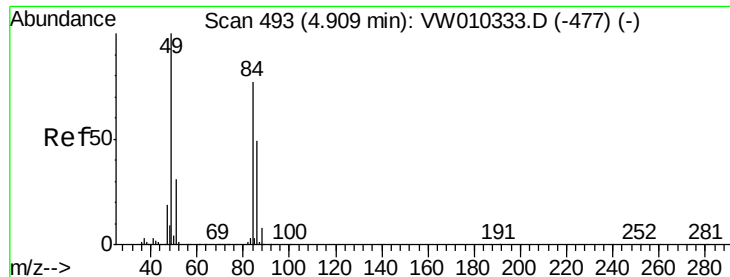
Tot Ion: 43 Resp: 17118
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1



#18
Methyl Acetate
Concen: 1.488 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW010382.D
Acq: 11 May 2019 15:41

Tgt Ion: 43 Resp: 7307
Ion Ratio Lower Upper
43 100
74 23.1 16.8 25.2

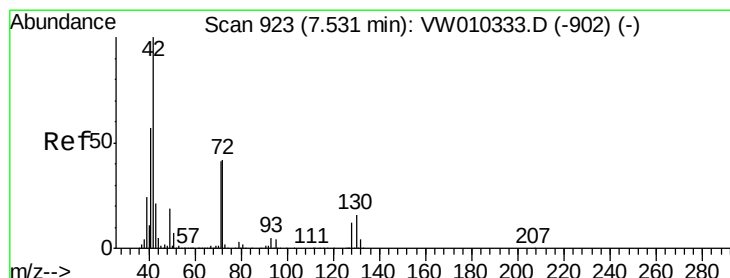
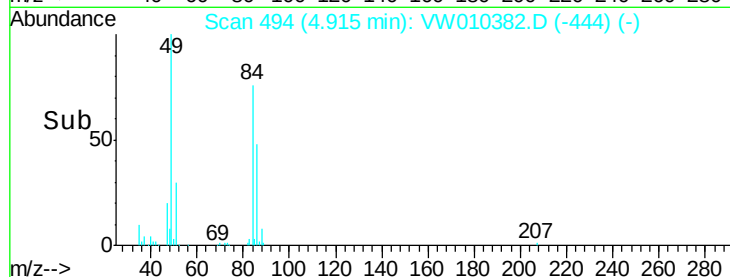
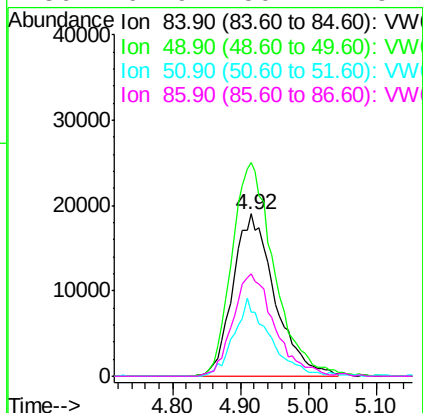
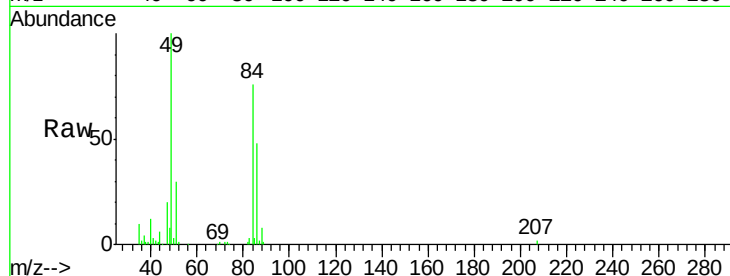




#20
Methylene Chloride
Concen: 9.825 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010382.D
Acq: 11 May 2019 15:41

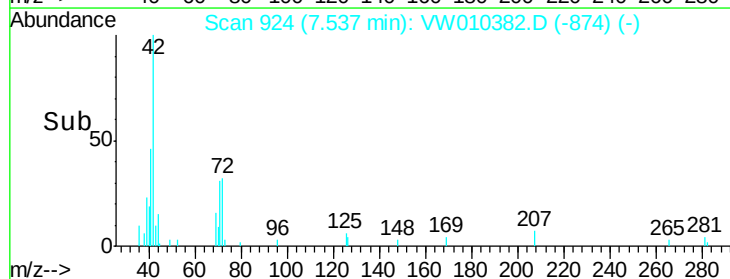
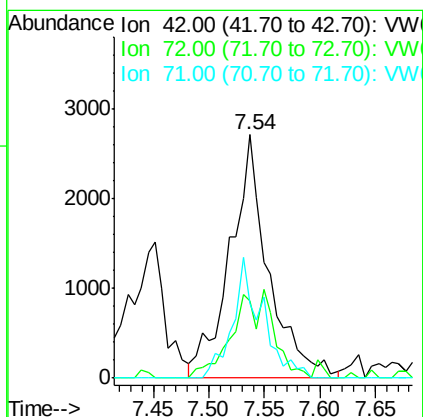
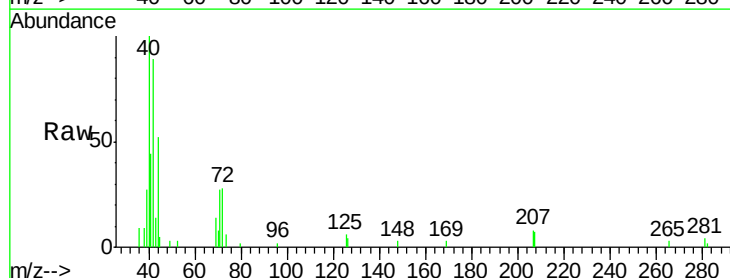
Instrument :
MSVOA_W
ClientSampleId :
P026-SS009-0612-01

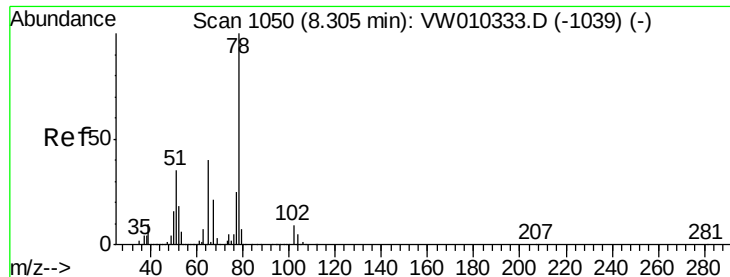
Tot Ion:	84	Resp:	81258
Ion	Ratio	Lower	Upper
84	100		
49	131.6	112.3	168.5
51	39.8	33.9	50.9
86	62.9	50.2	75.4



#29
Tetrahydrofuran
Concen: 3.341 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010382.D
Acq: 11 May 2019 15:41

Tgt Ion:	42	Resp:	6555
Ion	Ratio	Lower	Upper
42	100		
72	23.3	31.0	46.6#
71	37.7	29.7	44.5

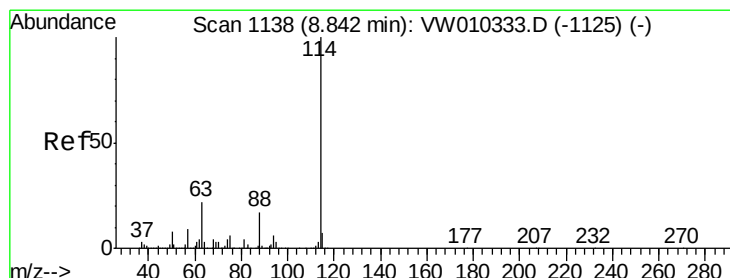
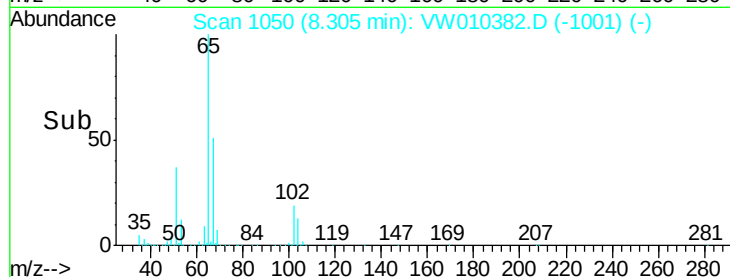
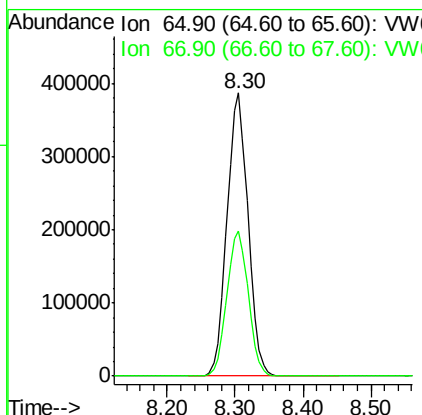
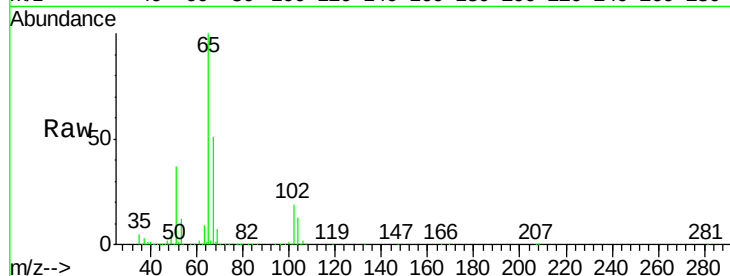




#33
 1,2-Dichloroethane-d4
 Concen: 108.981 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010382.D
 Acq: 11 May 2019 15:41

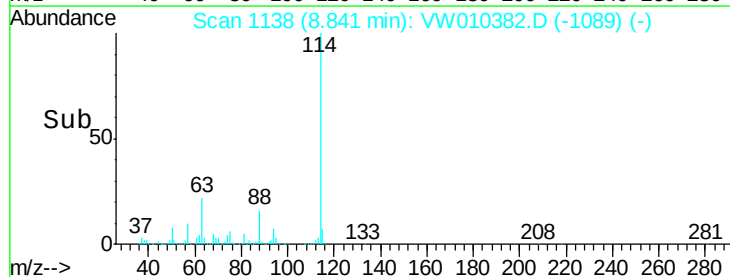
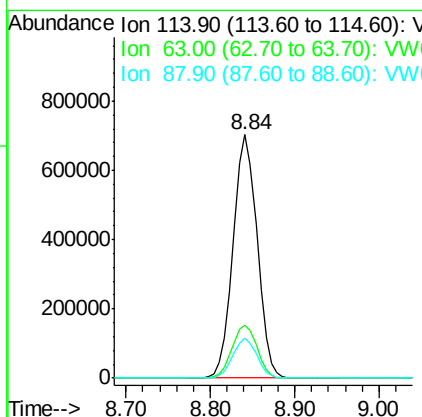
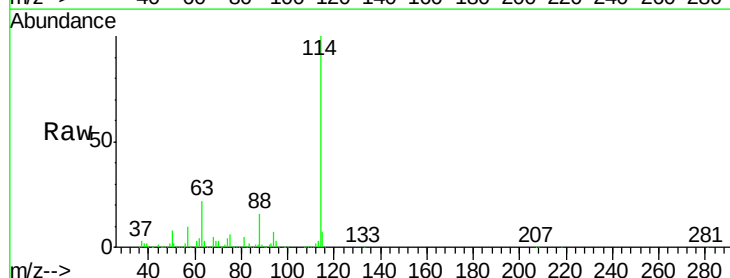
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-0612-01

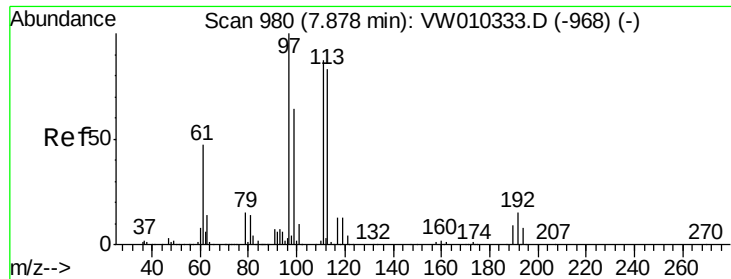
Tot Ion: 65 Resp: 828933
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010382.D
 Acq: 11 May 2019 15:41

Tgt Ion: 114 Resp: 1355242
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 46.2
 88 16.2 0.0 32.6

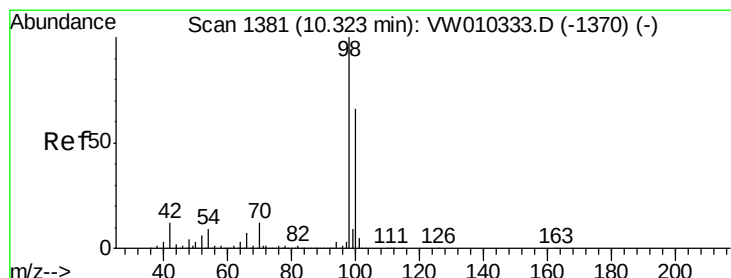
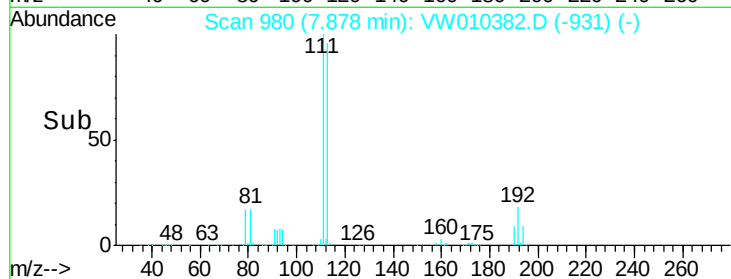
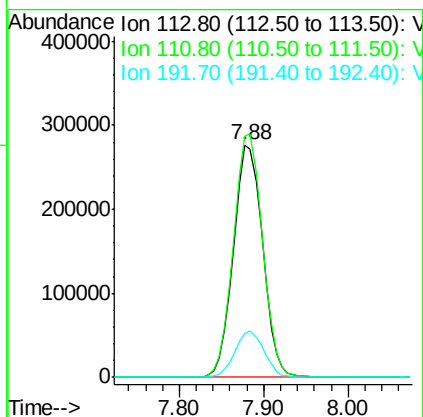
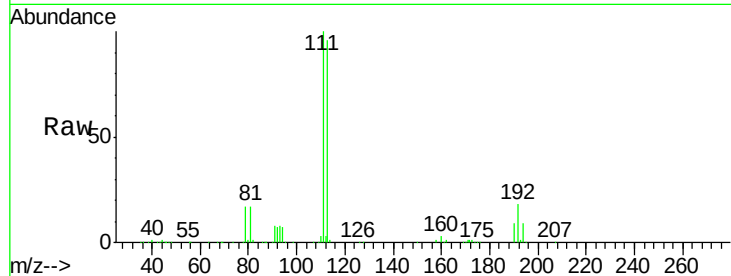




#35
 Dibromofluoromethane
 Concen: 81.947 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010382.D
 Acq: 11 May 2019 15:41

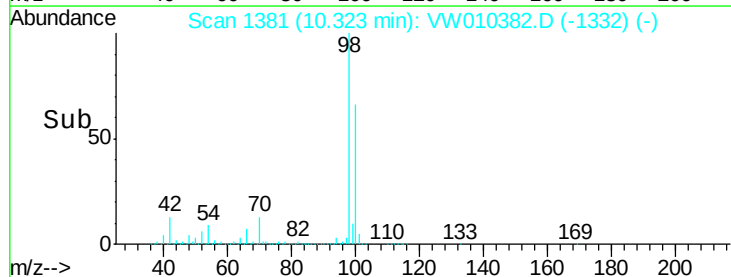
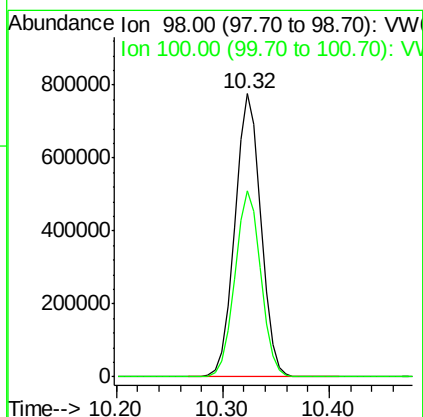
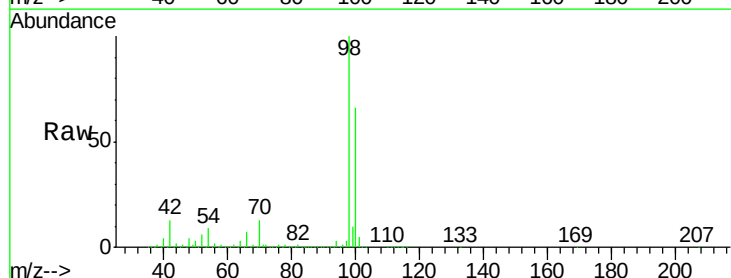
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS009-0612-01

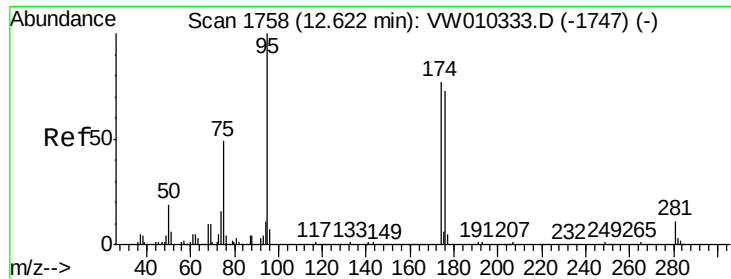
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	19.7	15.4	23.2



#50
 Toluene-d8
 Concen: 41.303 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010382.D
 Acq: 11 May 2019 15:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5





#62

4-Bromofluorobenzene

Concen: 28.495 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010382.D

Acq: 11 May 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-0612-01

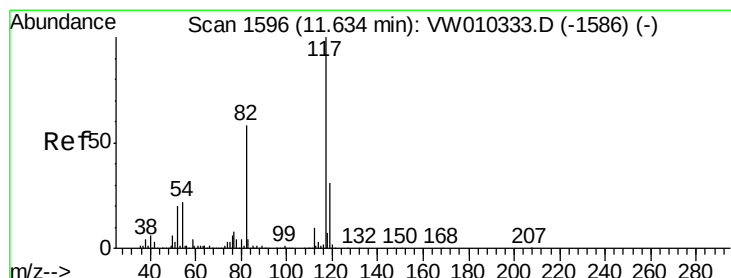
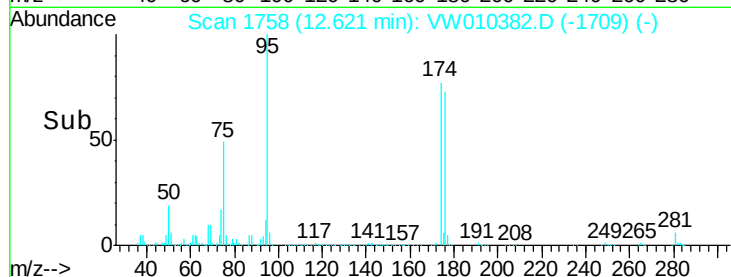
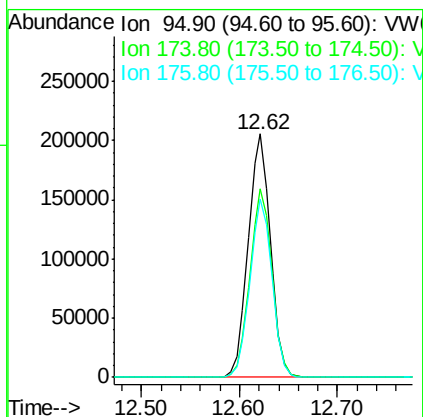
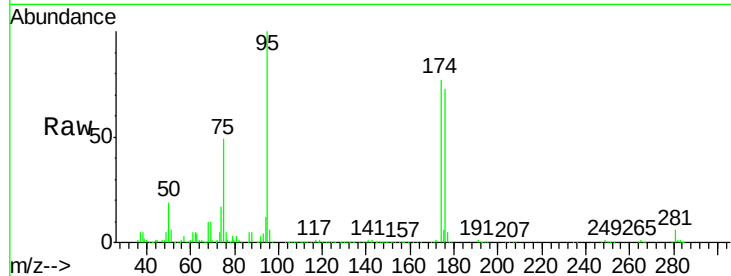
Tot Ion: 95 Resp: 323928

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.4

176 72.8 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: VW010382.D

Acq: 11 May 2019 15:41

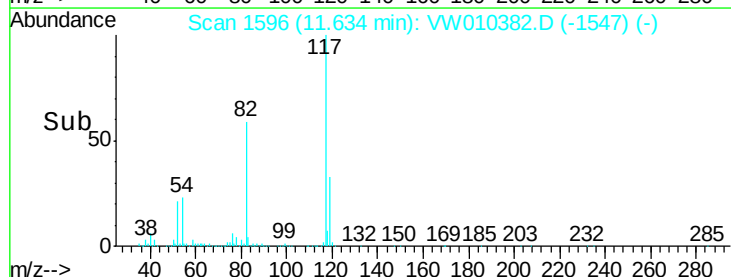
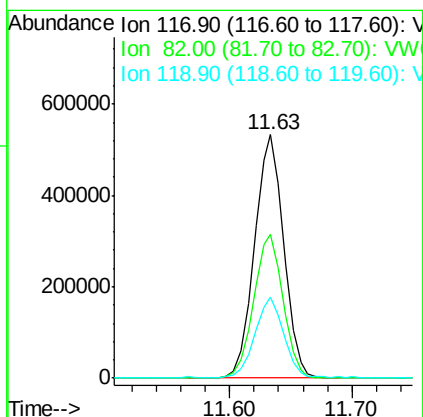
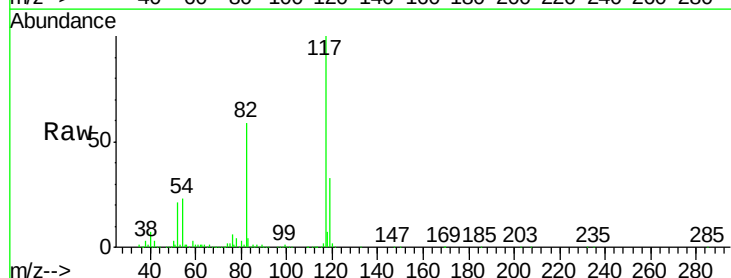
Tgt Ion: 117 Resp: 884736

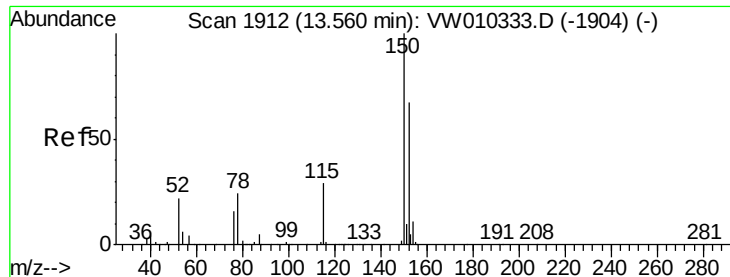
Ion Ratio Lower Upper

117 100

82 59.0 45.2 67.8

119 33.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010382.D

Acq: 11 May 2019 15:41

Instrument :

MSVOA_W

ClientSampleId :

P026-SS009-0612-01

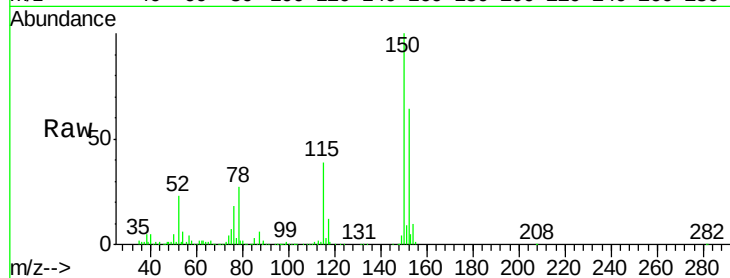
Tot Ion:152 Resp: 227911

Ion Ratio Lower Upper

152 100

115 59.1 30.4 91.2

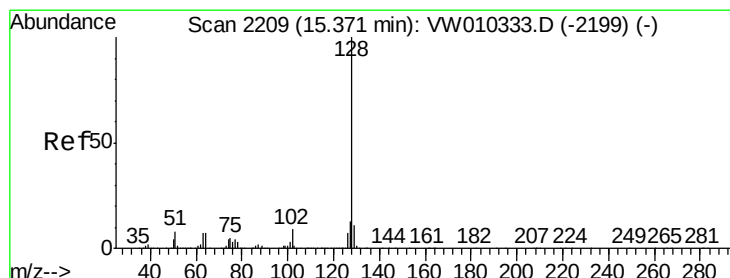
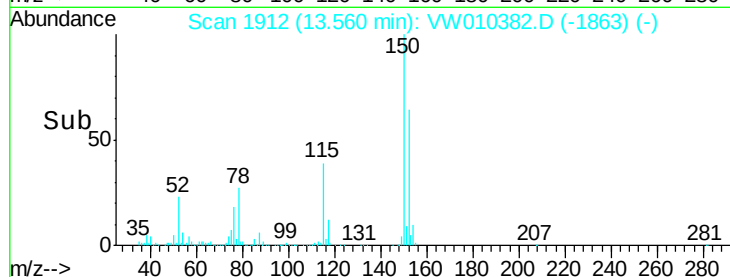
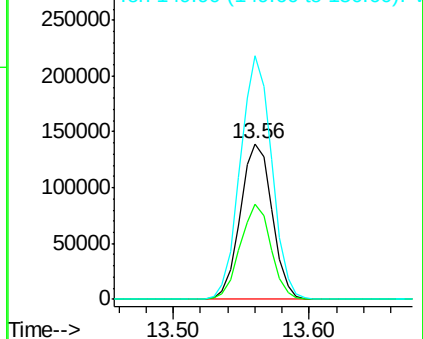
150 155.1 0.0 347.0



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



#95

Naphthalene

Concen: 4.020 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010382.D

Acq: 11 May 2019 15:41

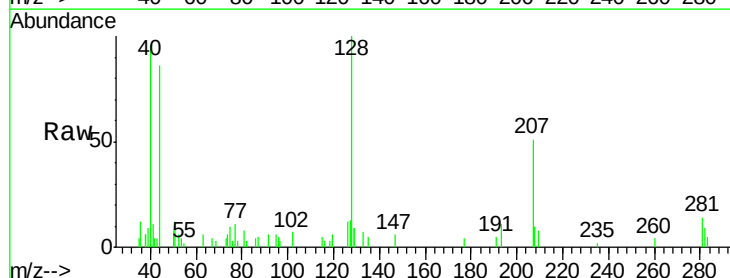
Tgt Ion:128 Resp: 4740

Ion Ratio Lower Upper

128 100

127 15.4 10.6 15.8

129 15.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

