

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005197.D
 Acq On : 07 Sep 2018 07:38
 Operator : SY/AP
 Sample : J4693-20
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(7-10)

Quant Time: Sep 07 16:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	481049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	759405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	824029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	430671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	239209	59.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.98%	
35) Dibromofluoromethane	7.89	113	218019	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.33	98	1055705	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.62	95	531397	74.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.06%	

Target Compounds

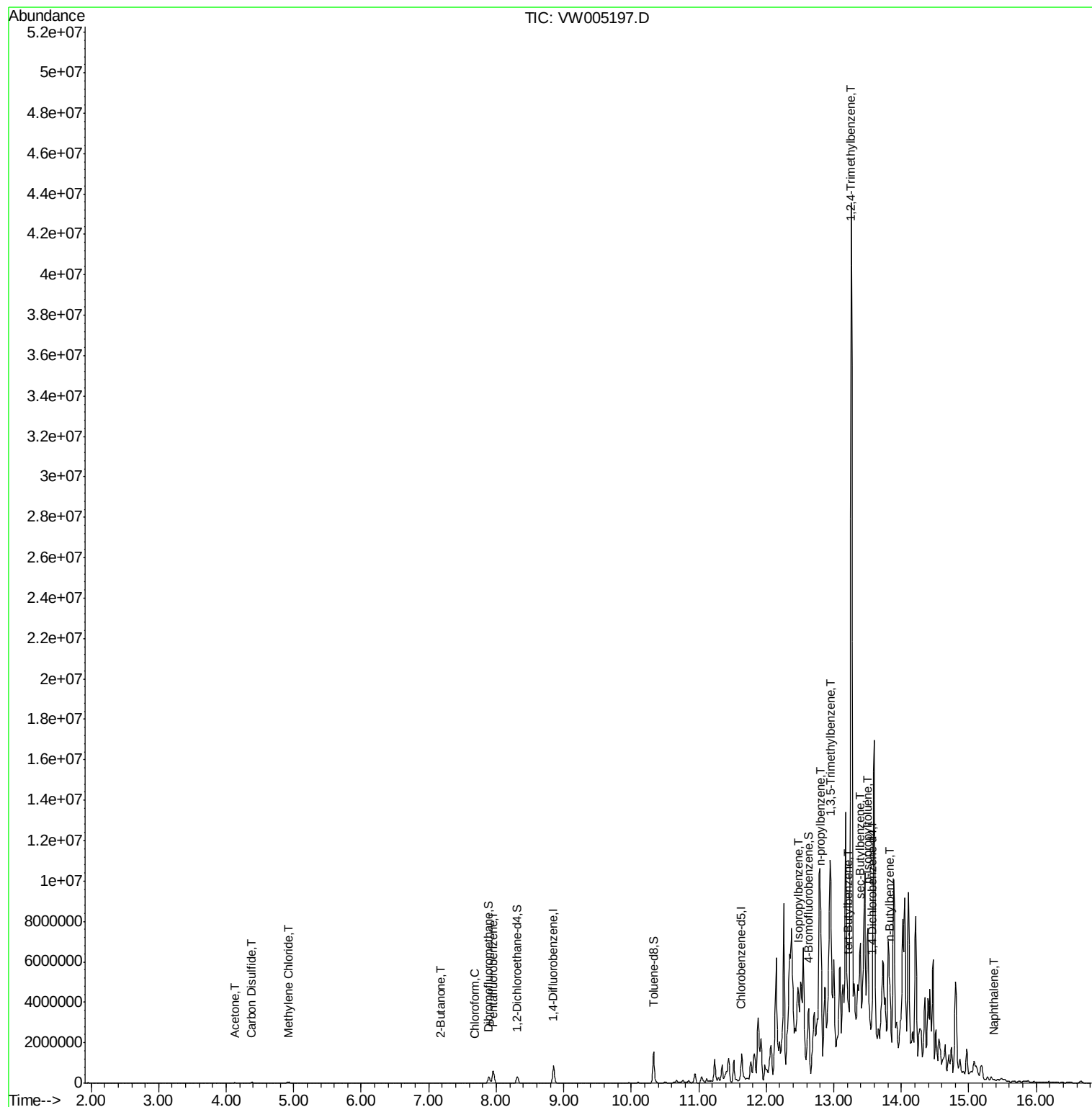
						Qvalue
16) Acetone	4.13	43	42456	53.09	ug/l	91
17) Carbon Disulfide	4.39	76	67844	5.01	ug/l	98
20) Methylene Chloride	4.92	84	36092	3.02	ug/l	94
25) 2-Butanone	7.18	43	15822	11.41	ug/l	96
30) Chloroform	7.68	83	9995	1.22	ug/l	91
73) Isopropylbenzene	12.47	105	1362110	44.86	ug/l	100
78) n-propylbenzene	12.81	91	3858582	105.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	685678	26.11	ug/l	99
83) tert-Butylbenzene	13.21	119	318491	14.52	ug/l	92
84) 1,2,4-Trimethylbenzene	13.25	105	17954099	671.32	ug/l	73
85) sec-Butylbenzene	13.39	105	2253372	69.92	ug/l #	75
86) p-Isopropyltoluene	13.51	119	2134600	74.82	ug/l	100
89) n-Butylbenzene	13.83	91	1904666	72.04	ug/l #	75
95) Naphthalene	15.38	128	36525	6.14	ug/l #	94

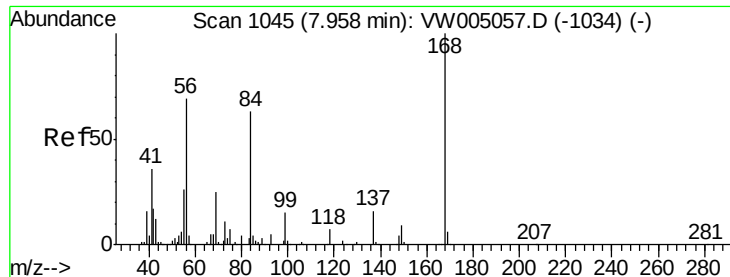
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

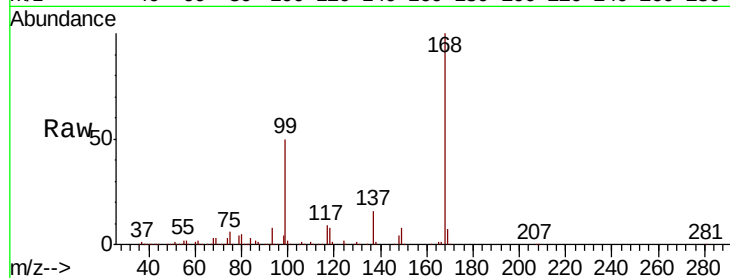
EP1-MW-H(7-10)

Tot Ion:168 Resp: 481049

Ion Ratio Lower Upper

168 100

99 50.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

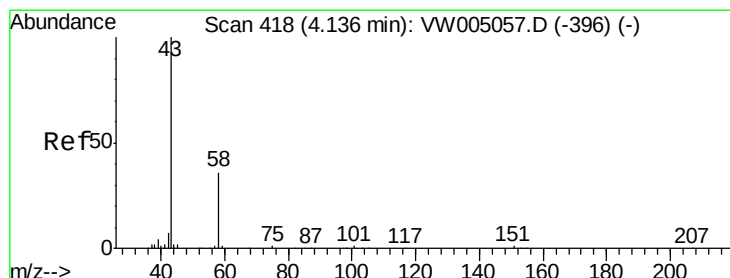
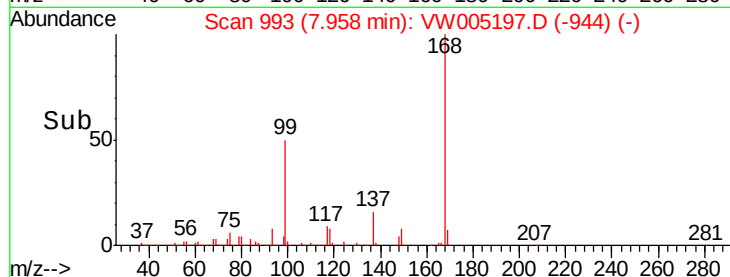
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 53.09 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005197.D

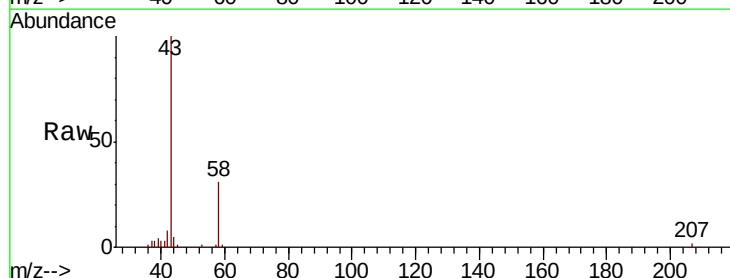
Acq: 07 Sep 2018 07:38

Tgt Ion: 43 Resp: 42456

Ion Ratio Lower Upper

43 100

58 31.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

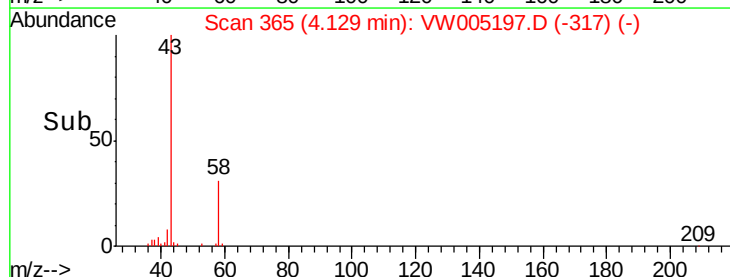
15000

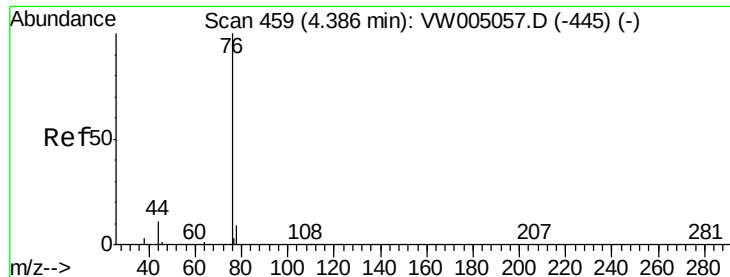
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 5.01 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

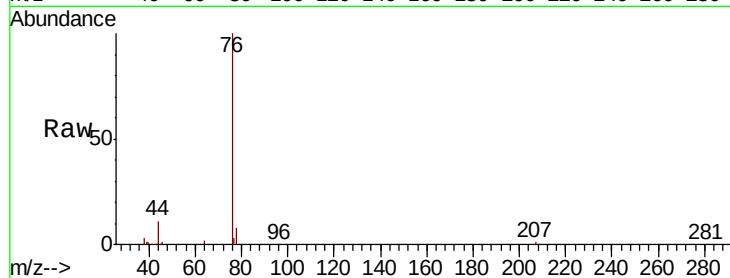
EP1-MW-H(7-10)

Tot Ion: 76 Resp: 67844

Ion Ratio Lower Upper

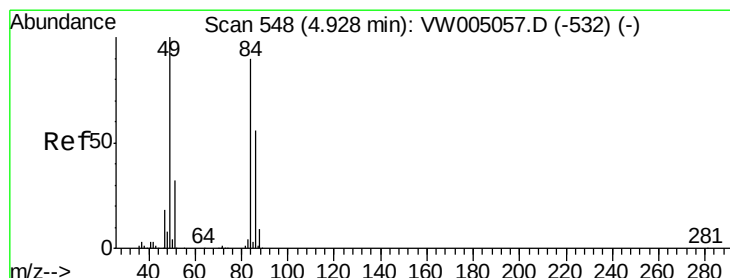
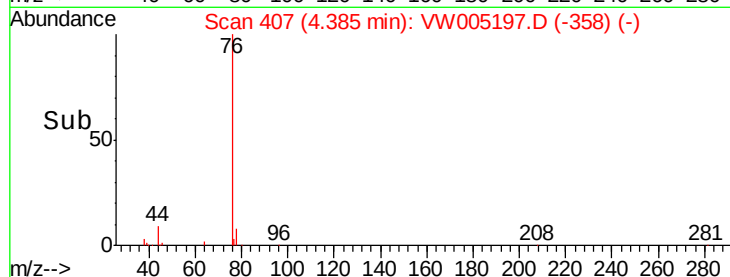
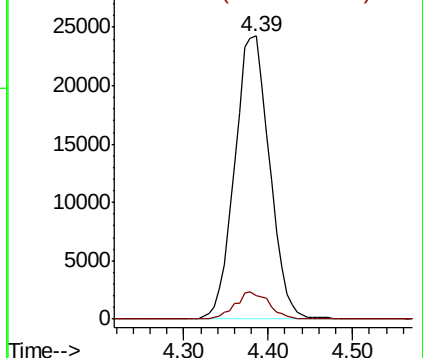
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 3.02 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Tgt Ion: 84 Resp: 36092

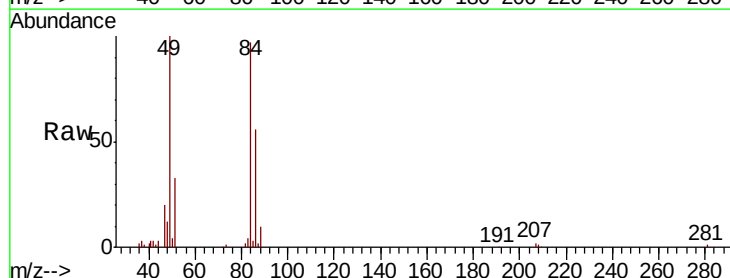
Ion Ratio Lower Upper

84 100

49 103.0 88.7 133.1

51 34.1 28.6 42.8

86 57.4 49.4 74.2

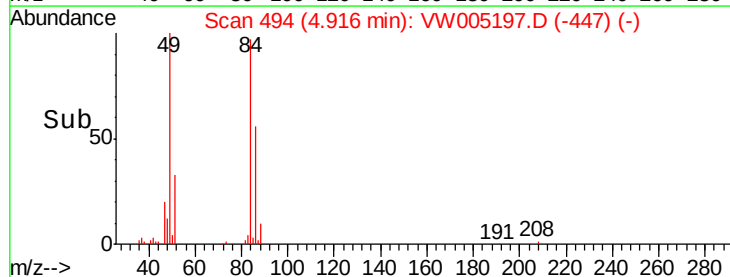
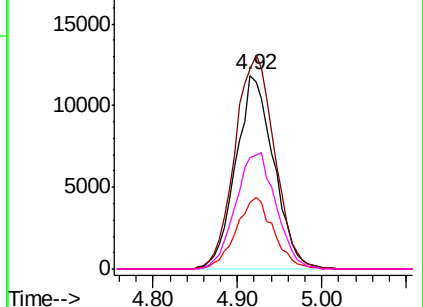


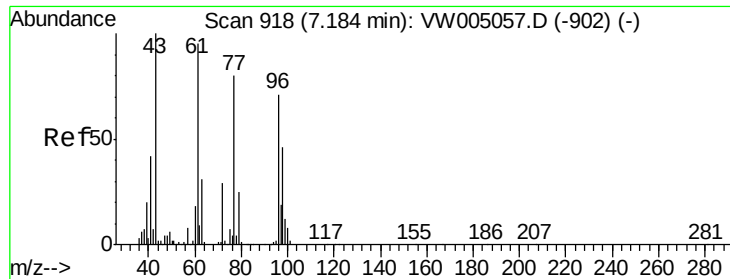
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

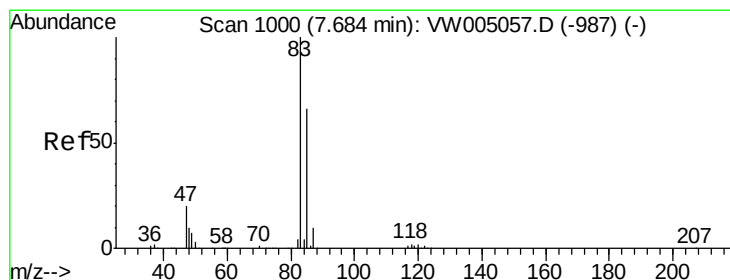
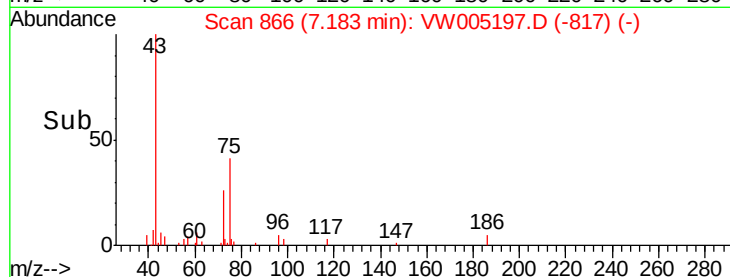
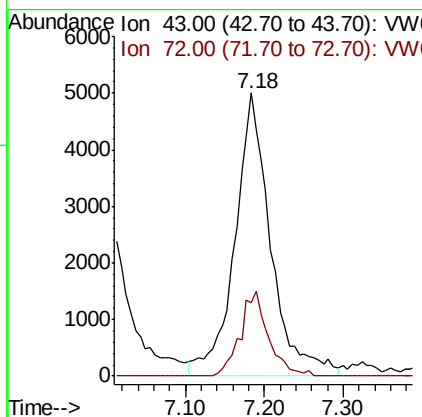
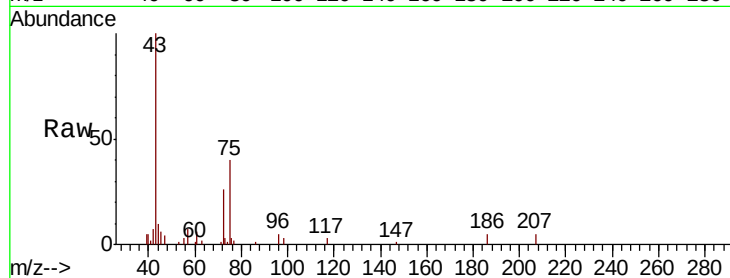




#25
2-Butanone
Concen: 11.41 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW005197.D
Acq: 07 Sep 2018 07:38

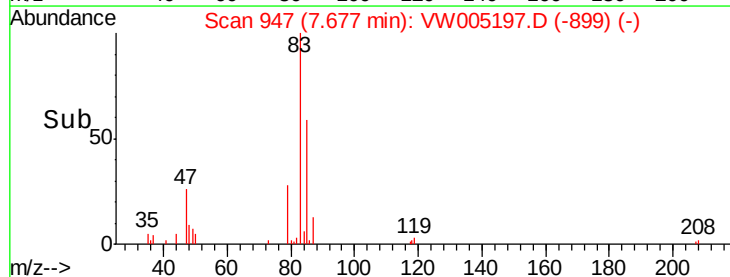
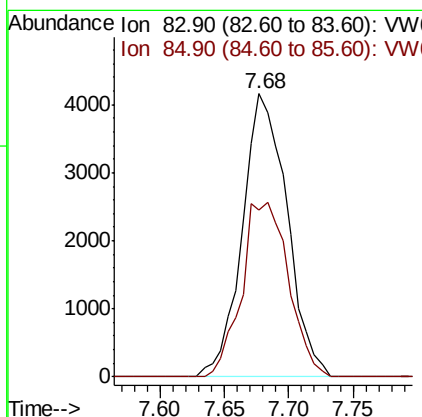
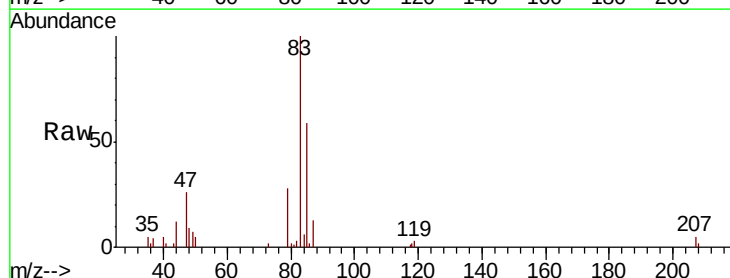
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-H(7-10)

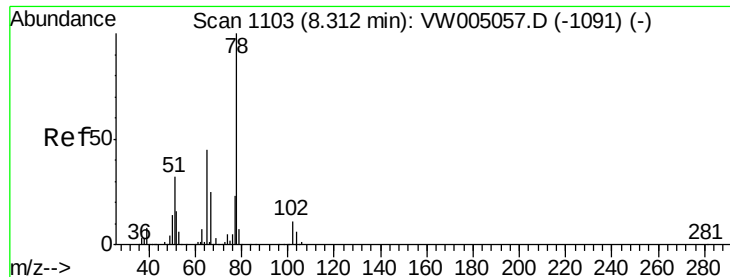
Tot Ion: 43 Resp: 15822
Ion Ratio Lower Upper
43 100
72 26.6 23.1 34.7



#30
Chloroform
Concen: 1.22 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005197.D
Acq: 07 Sep 2018 07:38

Tgt Ion: 83 Resp: 9995
Ion Ratio Lower Upper
83 100
85 58.9 53.1 79.7

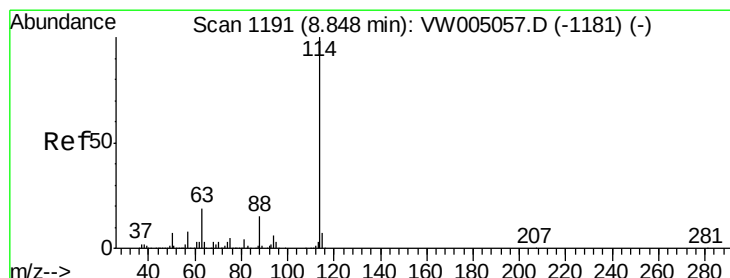
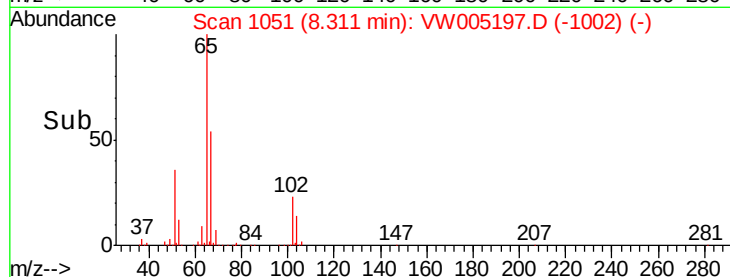
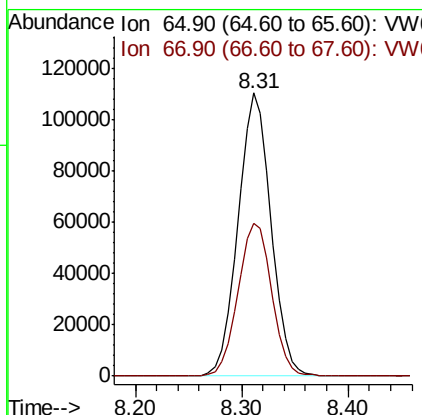
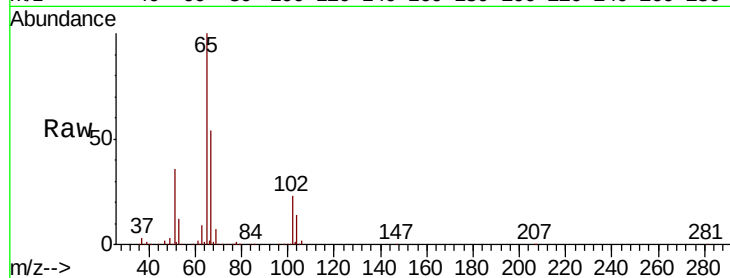




#33
 1,2-Dichloroethane-d4
 Concen: 59.99 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005197.D
 Acq: 07 Sep 2018 07:38

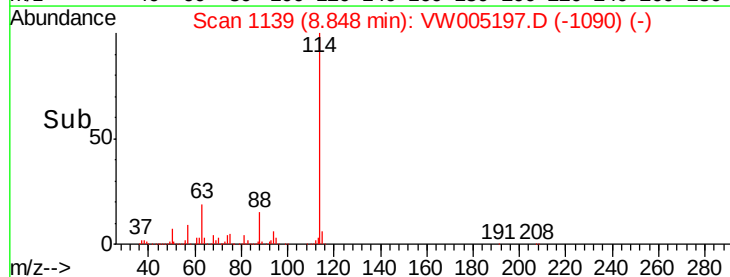
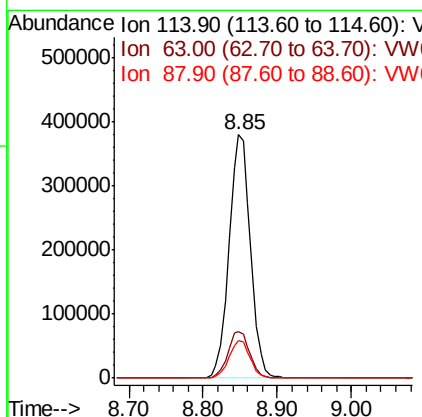
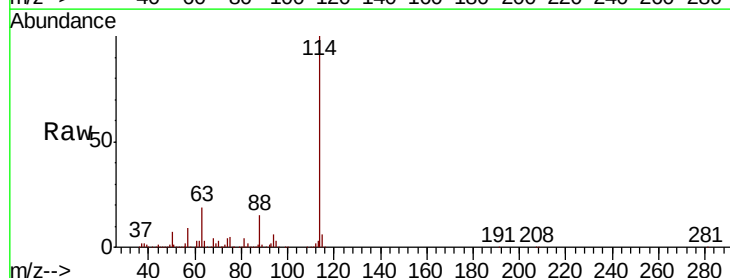
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(7-10)

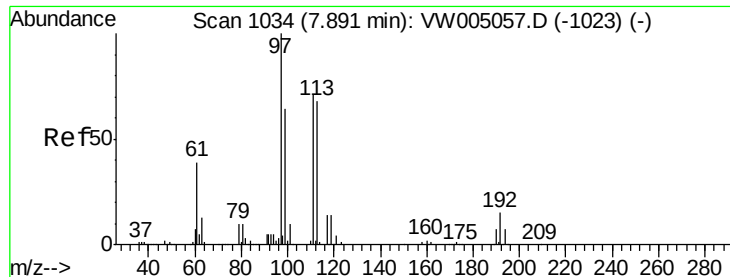
Tot Ion: 65 Resp: 239209
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005197.D
 Acq: 07 Sep 2018 07:38

Tgt Ion: 114 Resp: 759405
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.68 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(7-10)

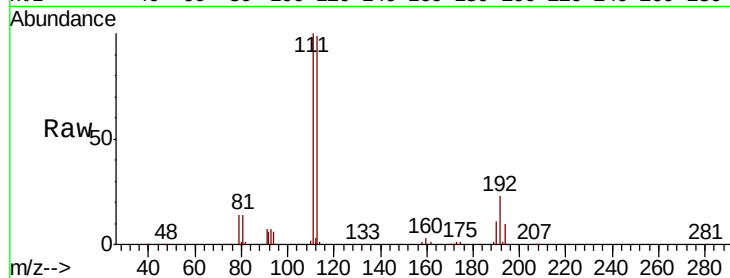
Tot Ion:113 Resp: 218019

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

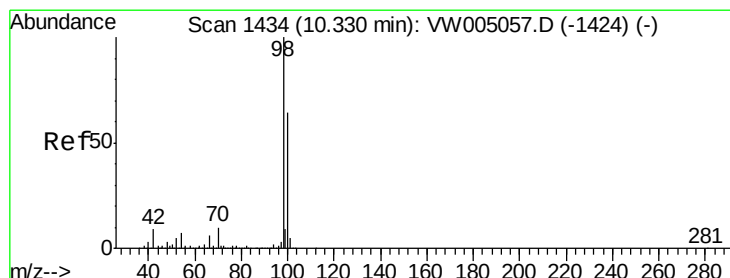
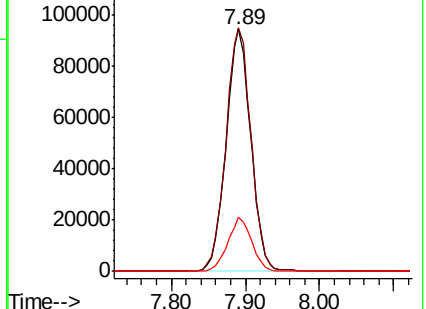
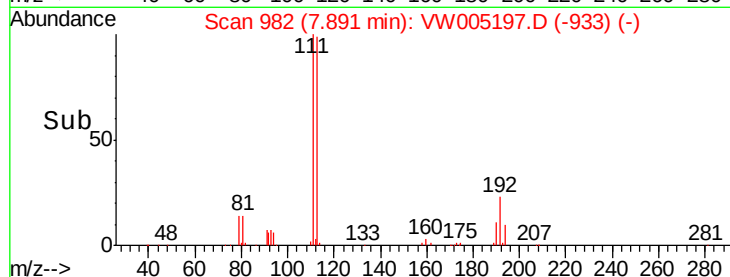
192 21.5 18.1 27.1



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: 52.21 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005197.D

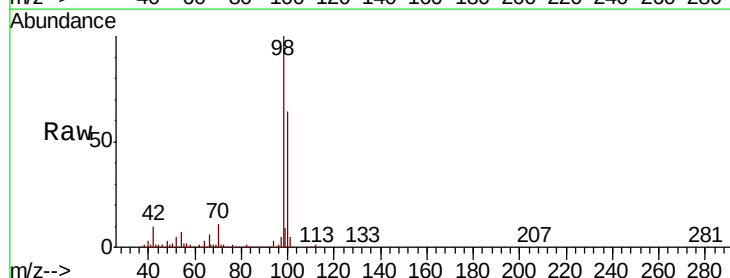
Acq: 07 Sep 2018 07:38

Tgt Ion: 98 Resp: 1055705

Ion Ratio Lower Upper

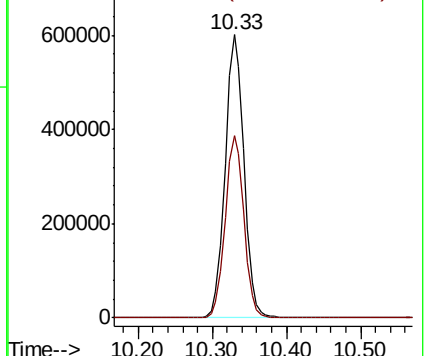
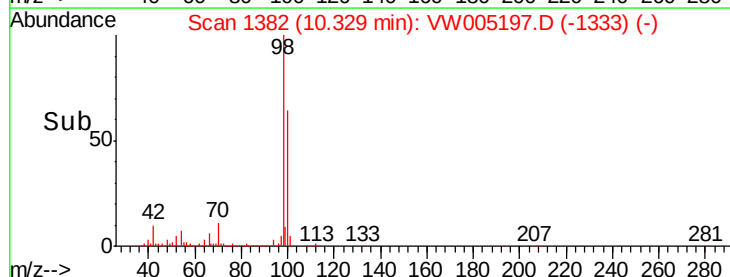
98 100

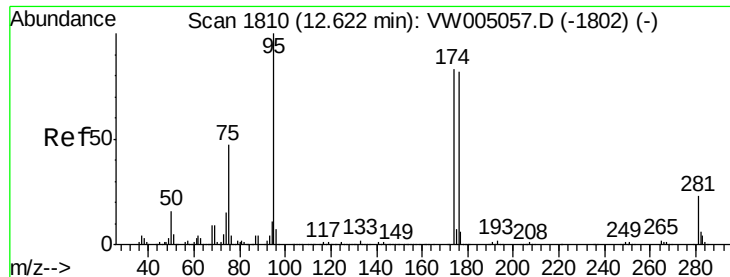
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

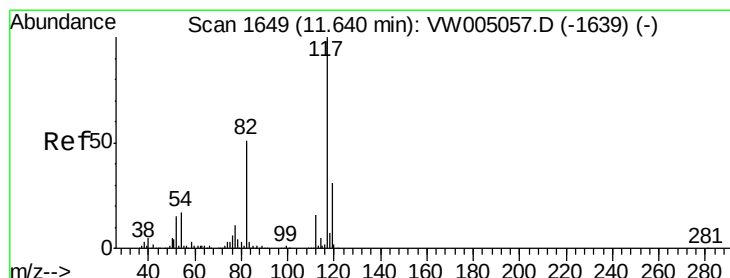
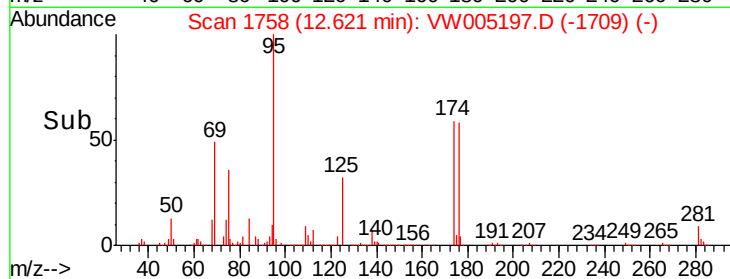
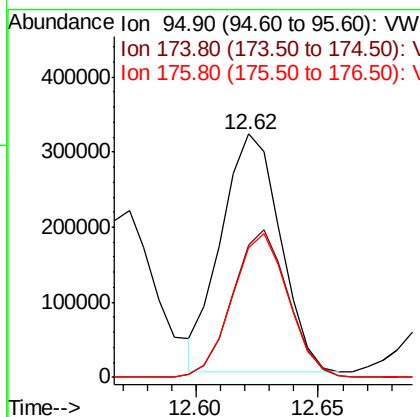
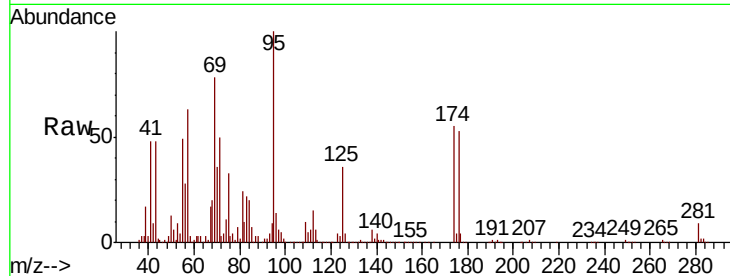




#62
4-Bromofluorobenzene
Concen: 74.53 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005197.D
Acq: 07 Sep 2018 07:38

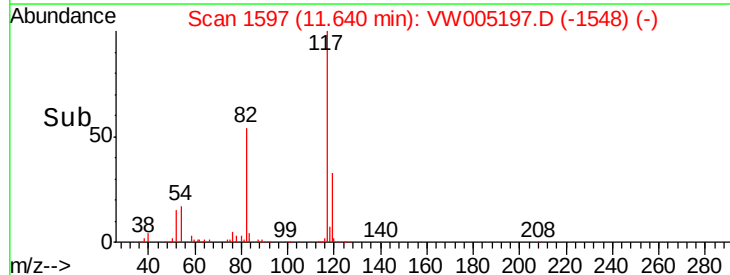
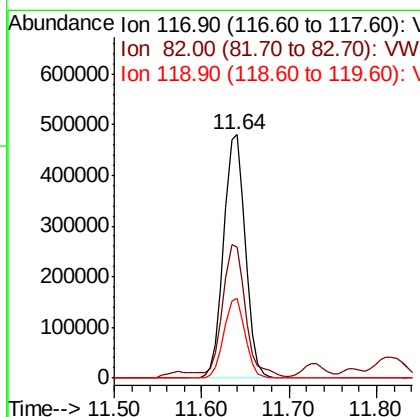
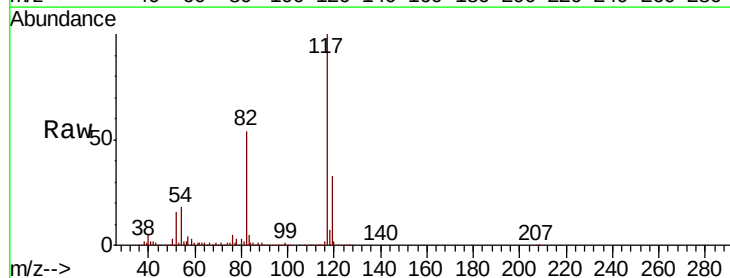
Instrument :
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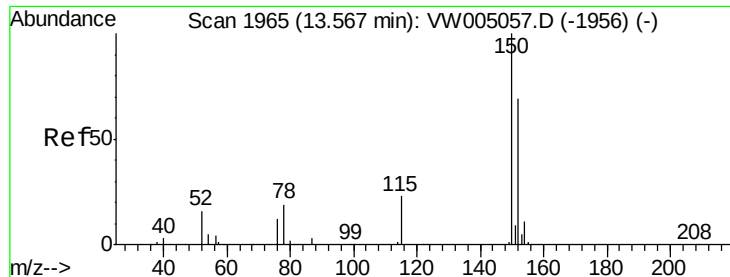
Tot Ion	95	Resp	531397
Ion Ratio	100		
Lower			
Upper			
95	100		
174	58.9	0.0	173.4
176	57.3	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005197.D
Acq: 07 Sep 2018 07:38

Tgt Ion	117	Resp	824029
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	51.9	40.9	61.3
119	32.5	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(7-10)

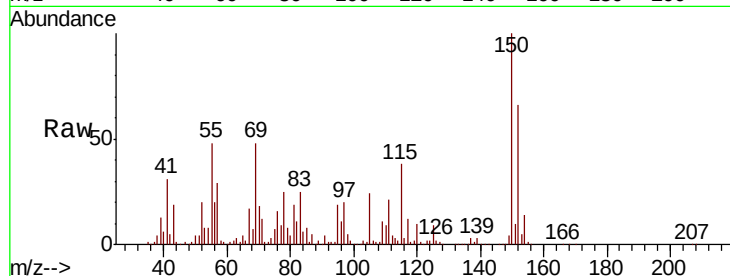
Tot Ion:152 Resp: 430671

Ion Ratio Lower Upper

152 100

115 49.9 27.8 83.4

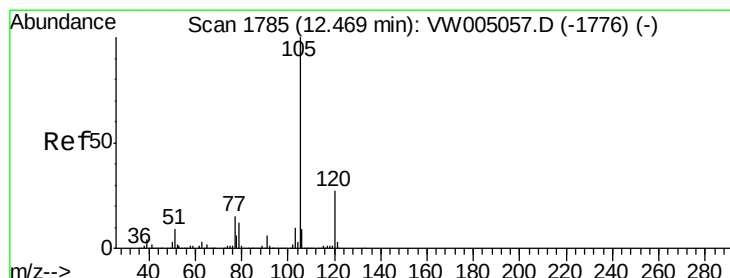
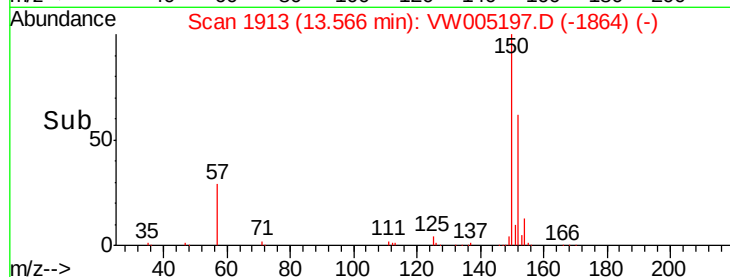
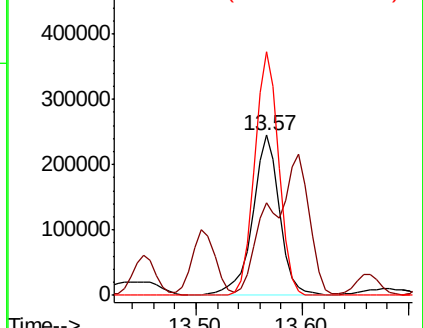
150 136.8 0.0 351.4



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: 44.86 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005197.D

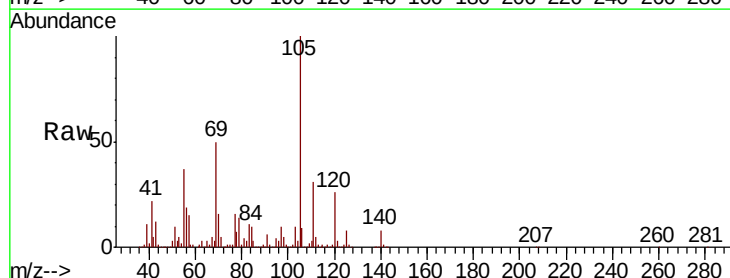
Acq: 07 Sep 2018 07:38

Tgt Ion:105 Resp: 1362110

Ion Ratio Lower Upper

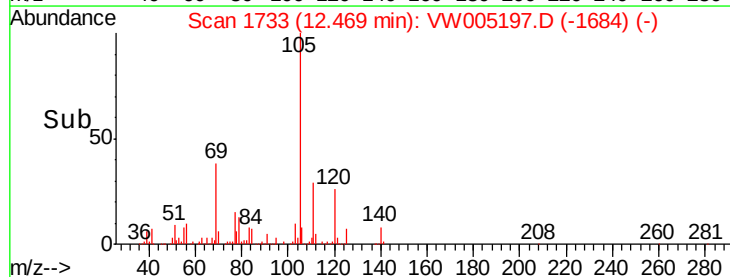
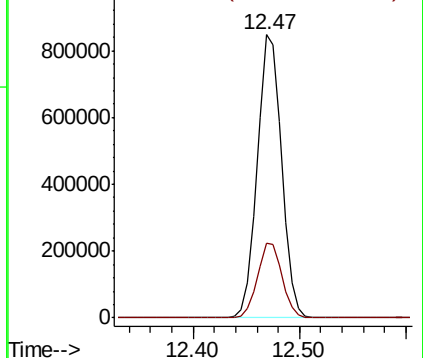
105 100

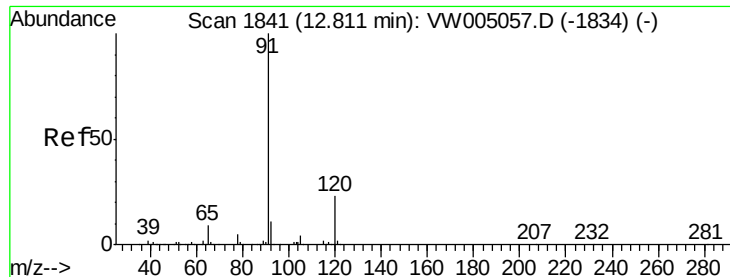
120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 105.26 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

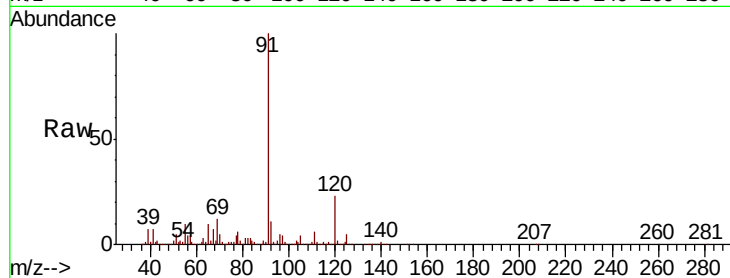
EP1-MW-H(7-10)

Tot Ion: 91 Resp: 3858582

Ion Ratio Lower Upper

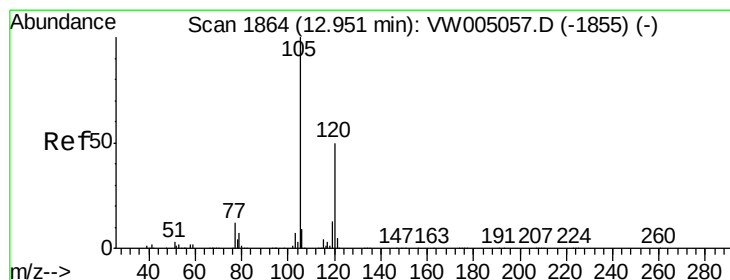
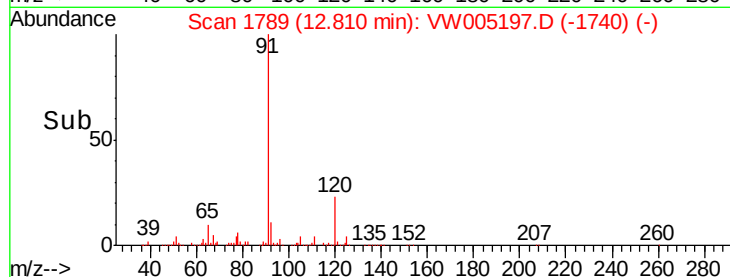
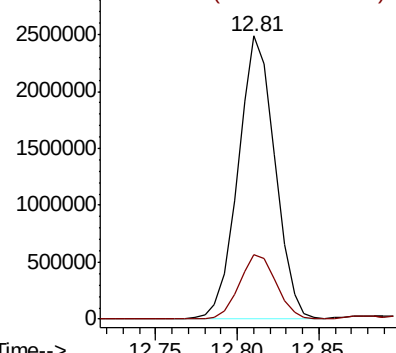
91 100

120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 26.11 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005197.D

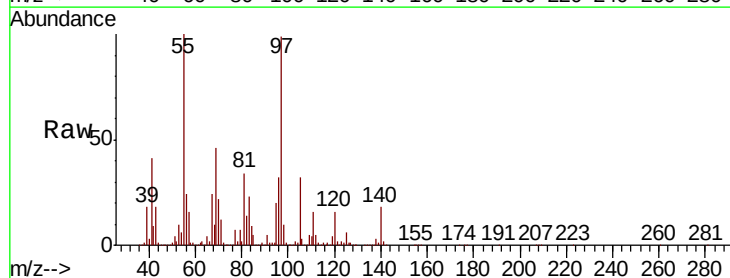
Acq: 07 Sep 2018 07:38

Tgt Ion: 105 Resp: 685678

Ion Ratio Lower Upper

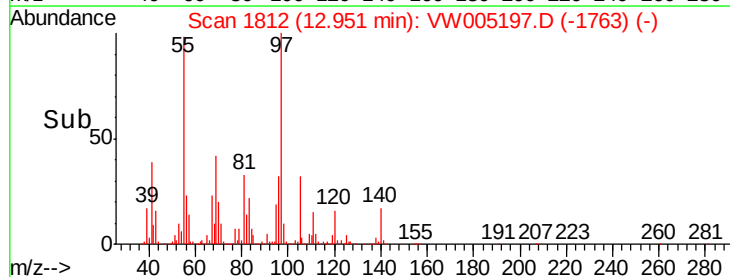
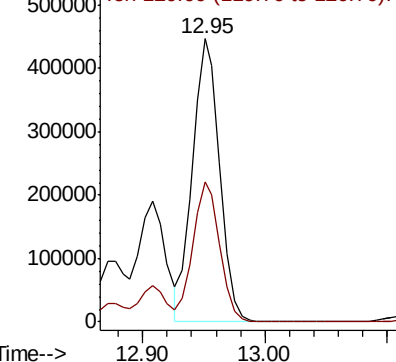
105 100

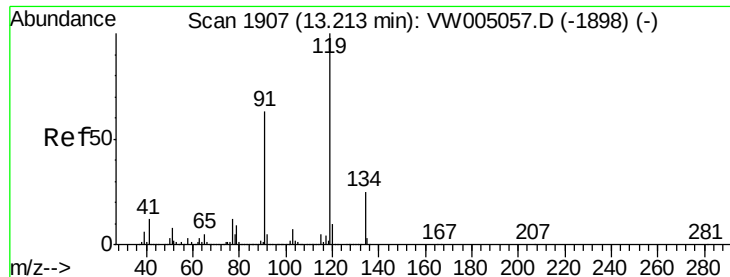
120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 14.52 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(7-10)

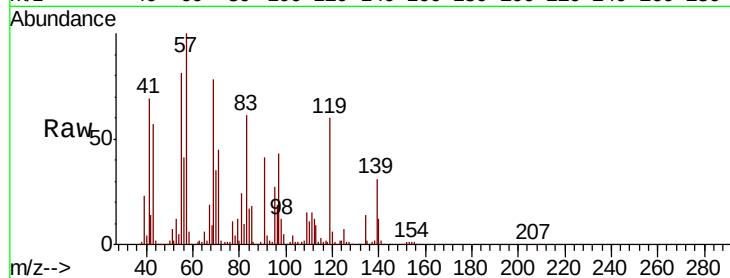
Tot Ion:119 Resp: 318491

Ion Ratio Lower Upper

119 100

91 71.0 31.8 95.4

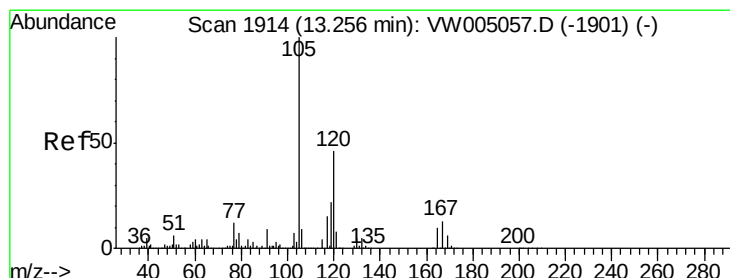
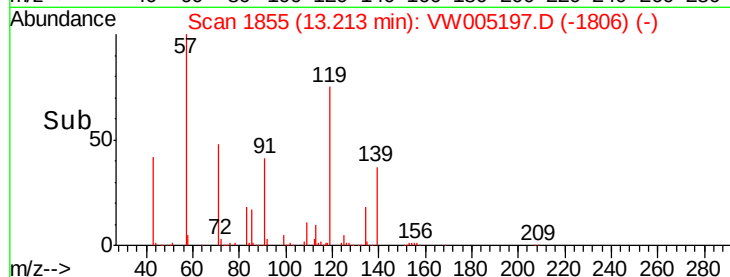
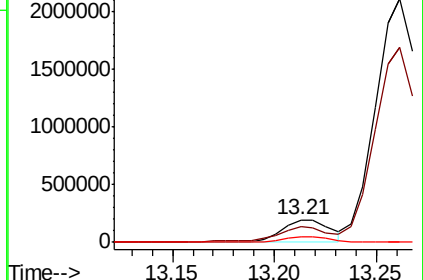
134 24.2 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 671.32 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW005197.D

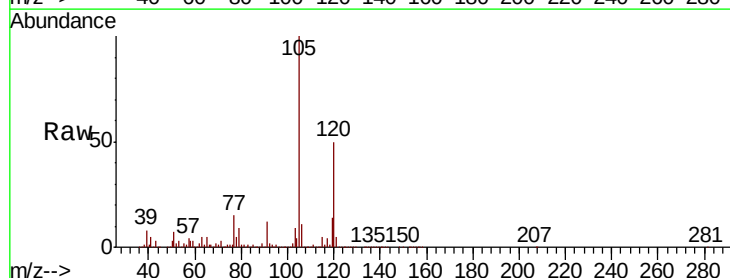
Acq: 07 Sep 2018 07:38

Tgt Ion:105 Resp:17954099

Ion Ratio Lower Upper

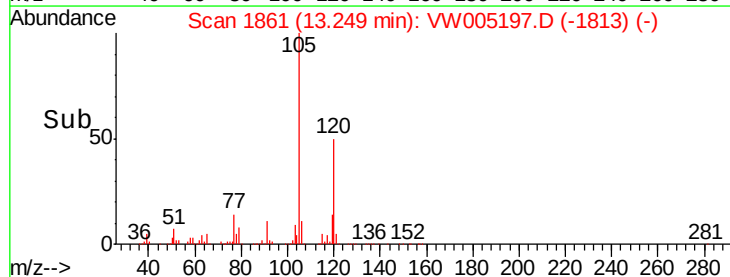
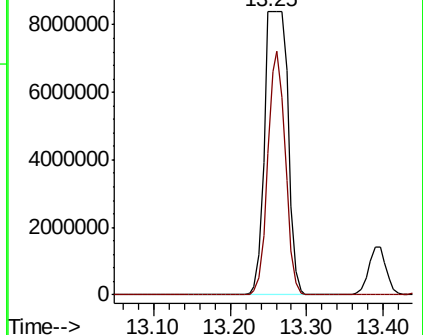
105 100

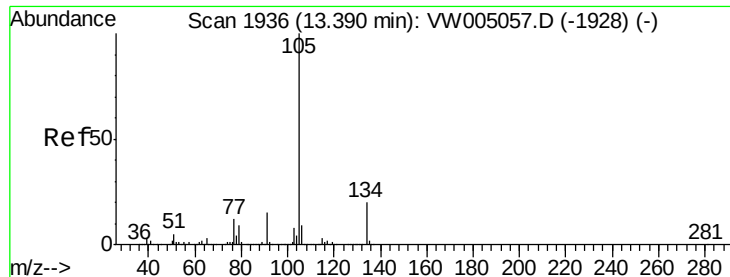
120 64.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 69.92 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

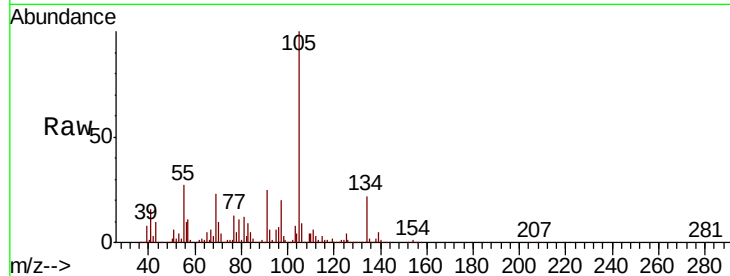
EP1-MW-H(7-10)

Tot Ion:105 Resp: 2253372

Ion Ratio Lower Upper

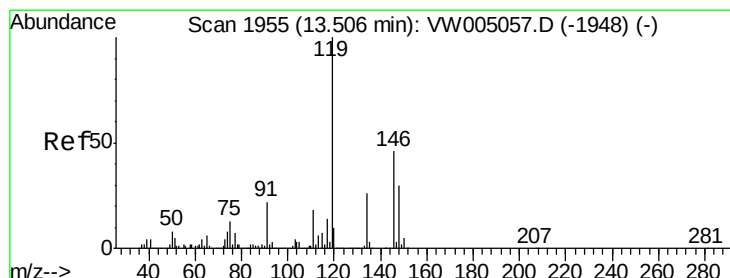
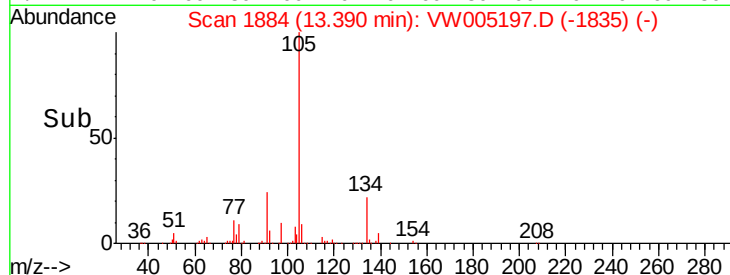
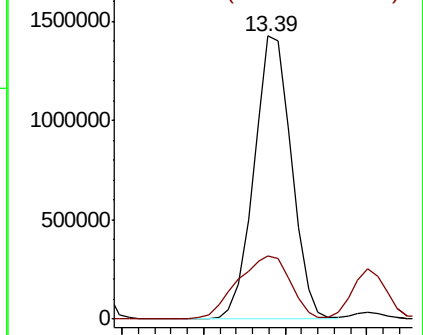
105 100

134 31.9 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 74.82 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

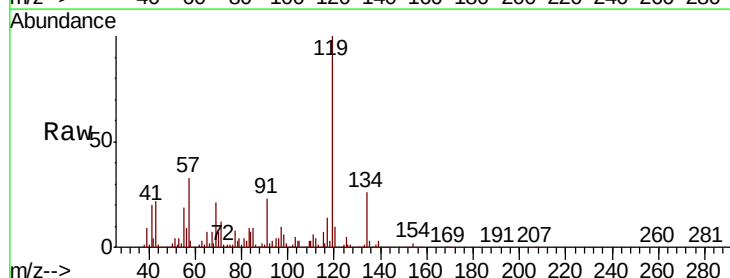
Tgt Ion:119 Resp: 2134600

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

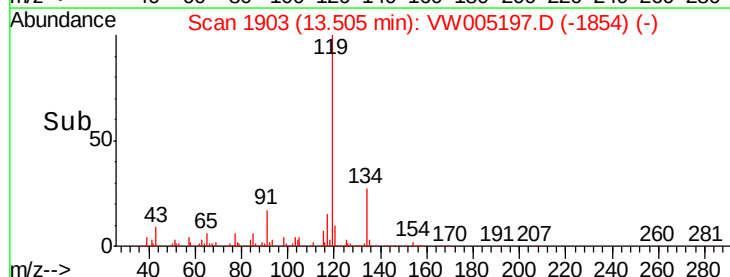
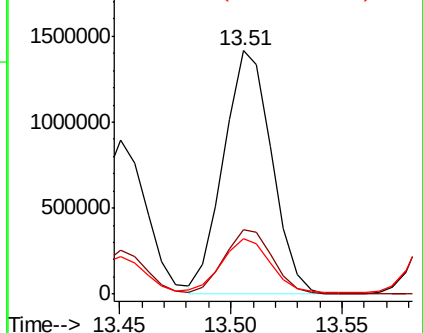
91 22.3 10.9 32.9

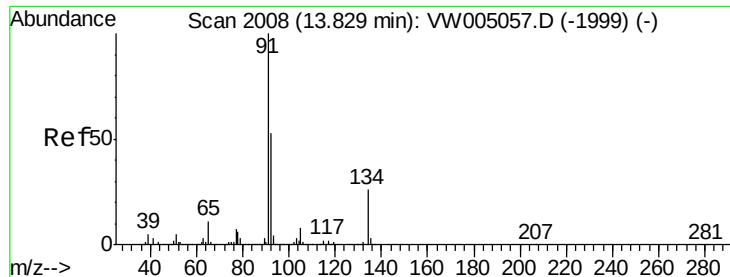


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 72.04 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(7-10)

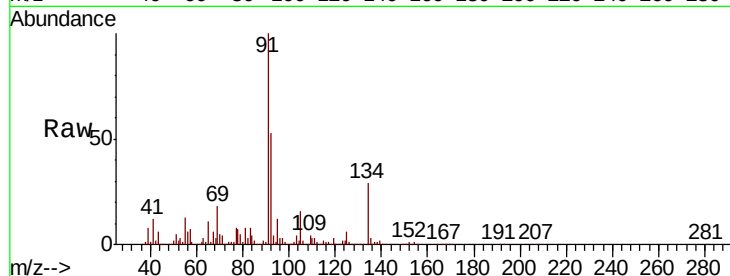
Tot Ion: 91 Resp: 1904666

Ion Ratio Lower Upper

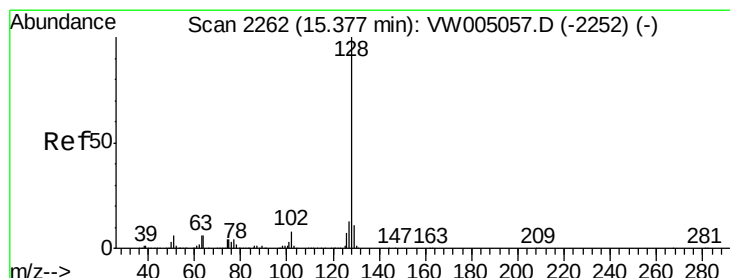
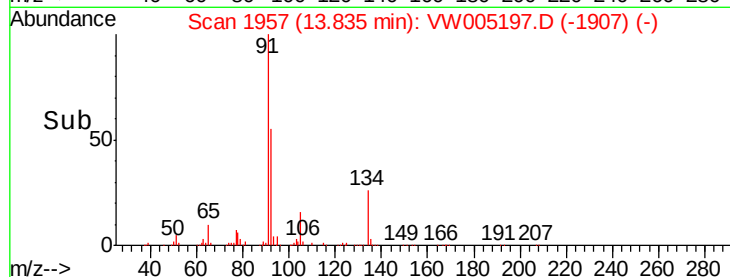
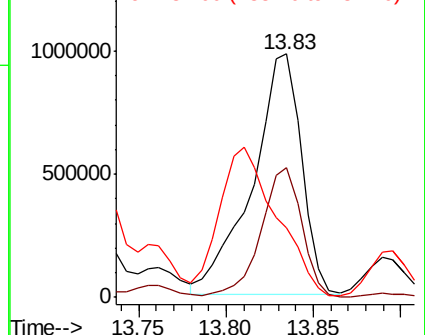
91 100

92 44.5 26.5 79.5

134 0.0 13.5 40.4#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 6.14 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005197.D

Acq: 07 Sep 2018 07:38

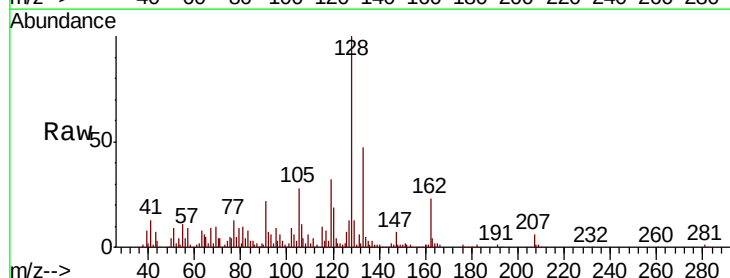
Tgt Ion: 128 Resp: 36525

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 7.9 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

