

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004207.D
 Acq On : 25 Jul 2018 22:03
 Operator : SY/AP
 Sample : J3821-11
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-072418-C

Quant Time: Jul 26 06:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	111941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147537	58.80	ug/l	0.00
Spiked Amount			Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	127021	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
50) Toluene-d8	10.33	98	327431	34.57	ug/l	0.00
Spiked Amount			Recovery	=	69.14%	
62) 4-Bromofluorobenzene	12.62	95	111834	32.74	ug/l	0.00
Spiked Amount			Recovery	=	65.48%	

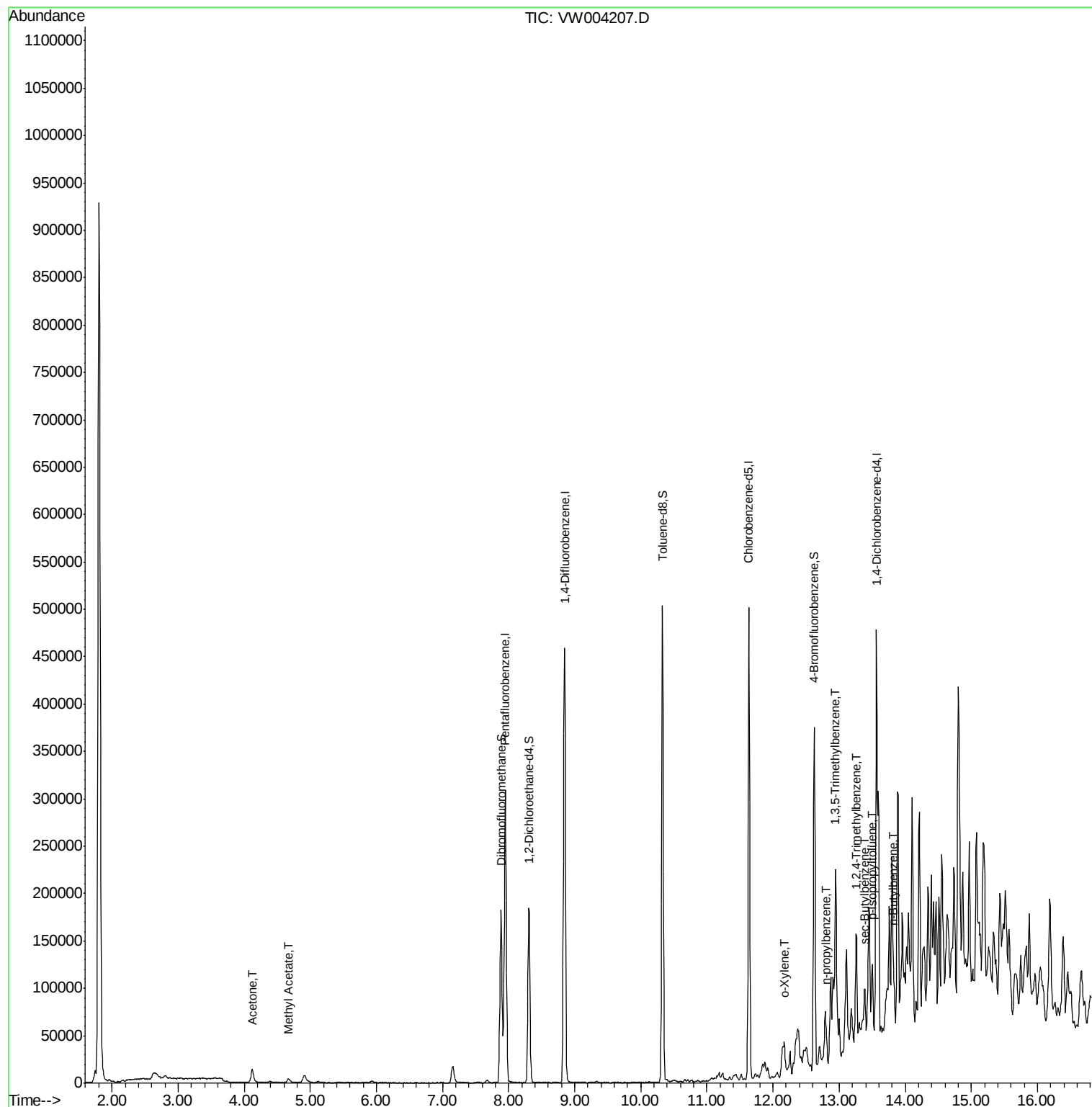
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	23806	39.49	ug/l	97
18) Methyl Acetate	4.67	43	7766	5.37	ug/l	95
69) o-Xylene	12.17	106	6816	1.92	ug/l	97
78) n-propylbenzene	12.81	91	19074	1.97	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	58350	8.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	63908	9.33	ug/l	98
85) sec-Butylbenzene	13.39	105	24553	2.96	ug/l	81
86) p-Isopropyltoluene	13.51	119	37089	5.10	ug/l	99
89) n-Butylbenzene	13.83	91	18623	2.60	ug/l #	65

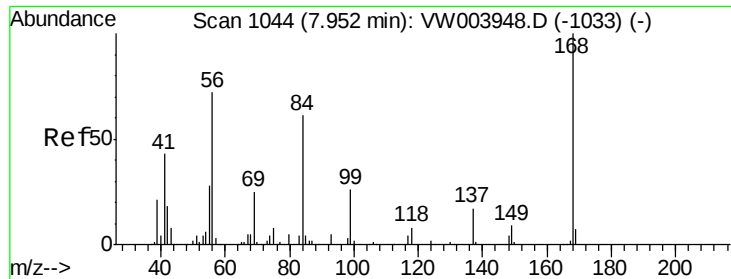
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072618\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

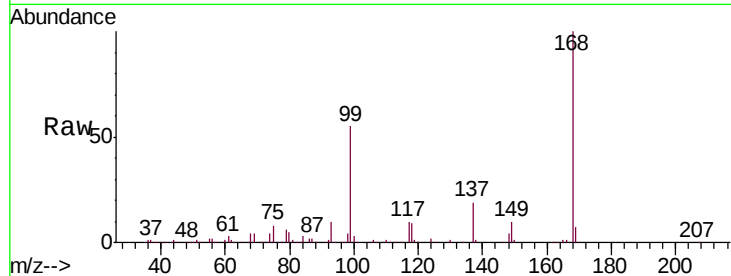
HR-06-072418-C

Tot Ion:168 Resp: 224455

Ion Ratio Lower Upper

168 100

99 55.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

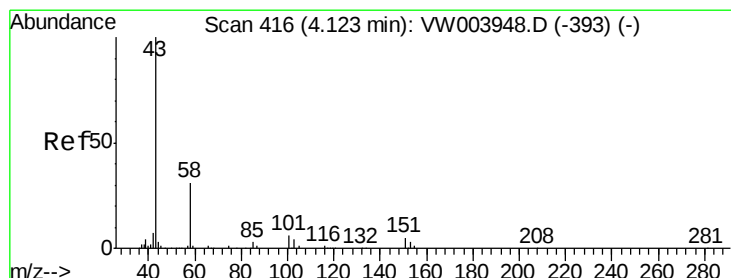
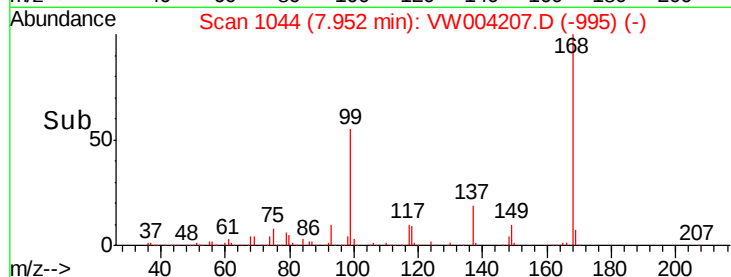
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 39.49 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004207.D

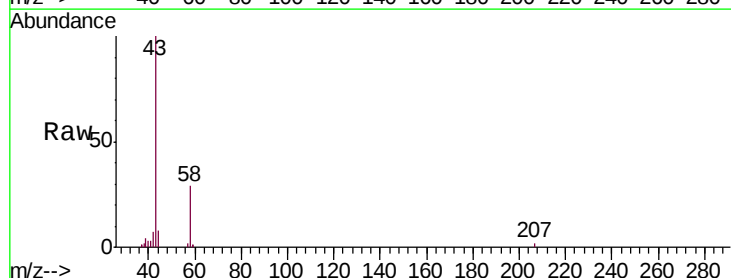
Acq: 25 Jul 2018 22:03

Tgt Ion: 43 Resp: 23806

Ion Ratio Lower Upper

43 100

58 29.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

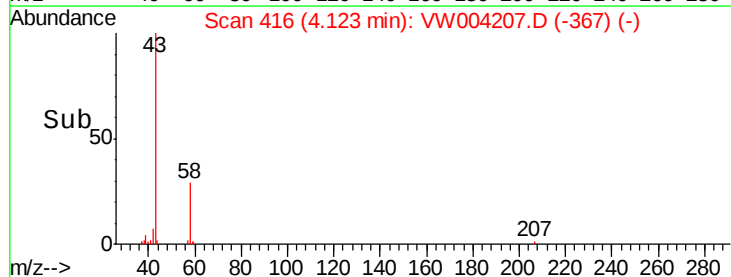
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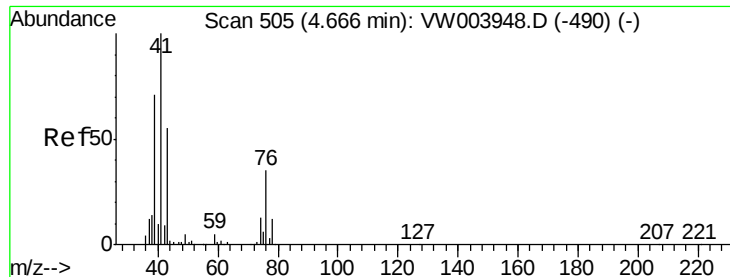
4000

2000

0

Time-->

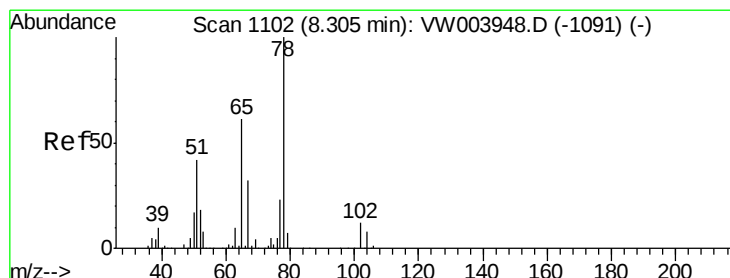
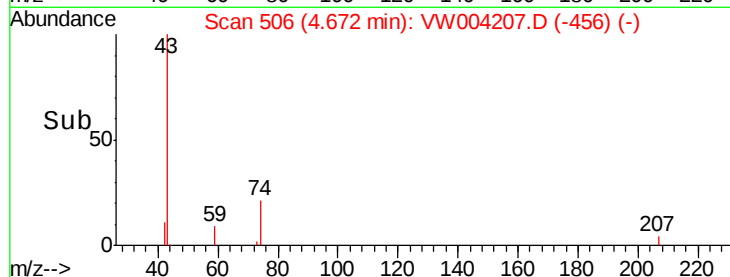
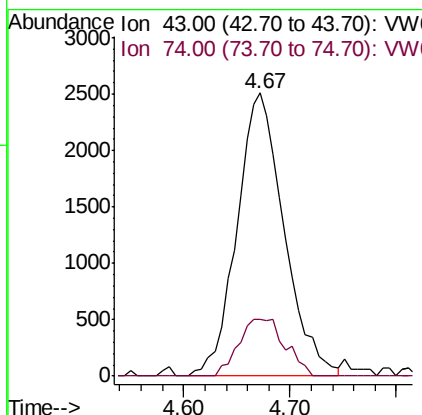
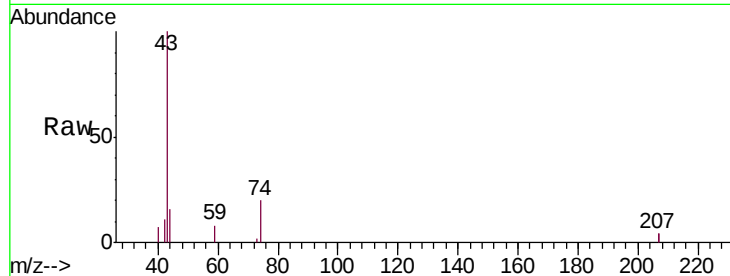




#18
Methvl Acetate
Concen: 5.37 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004207.D
Acq: 25 Jul 2018 22:03

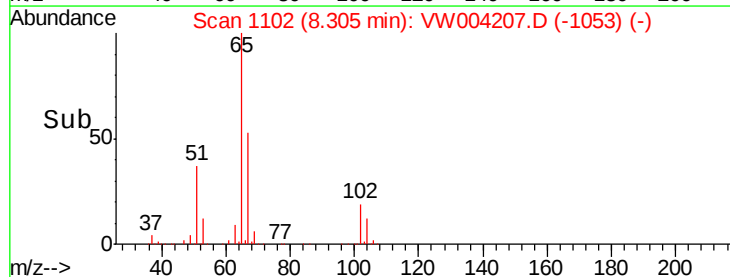
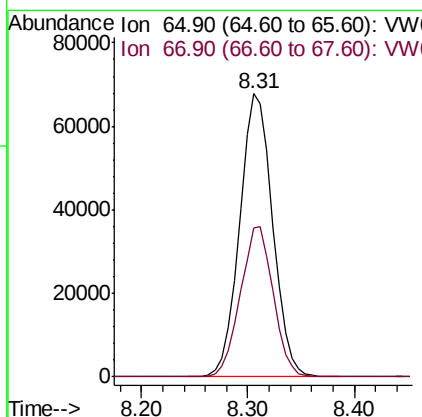
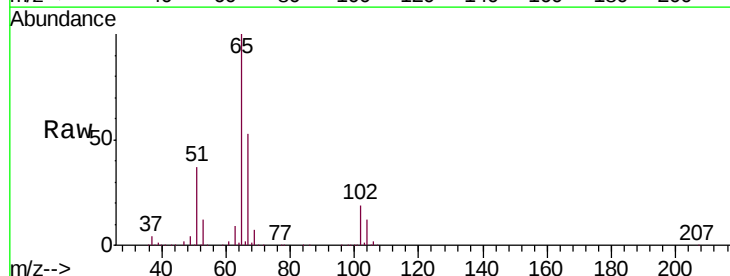
Instrument :
MSVOA_W
ClientSampleId :
HR-06-072418-C

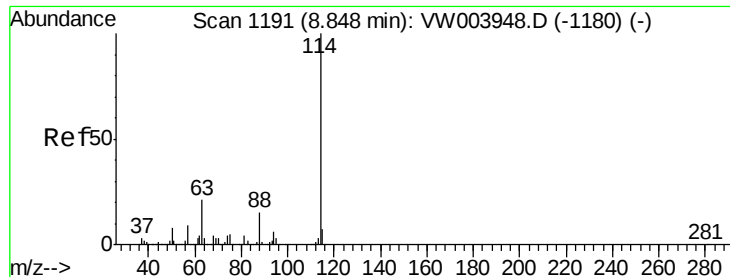
Tot Ion: 43 Resp: 7766
Ion Ratio Lower Upper
43 100
74 19.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 58.80 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW004207.D
Acq: 25 Jul 2018 22:03

Tgt Ion: 65 Resp: 147537
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

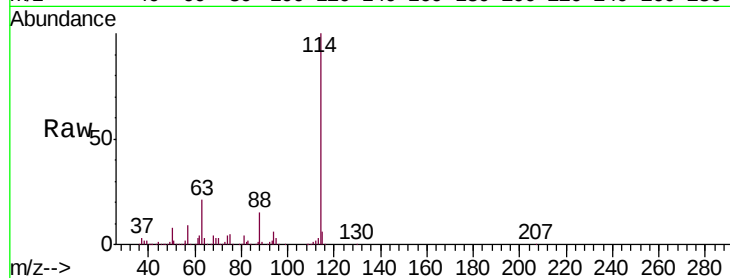




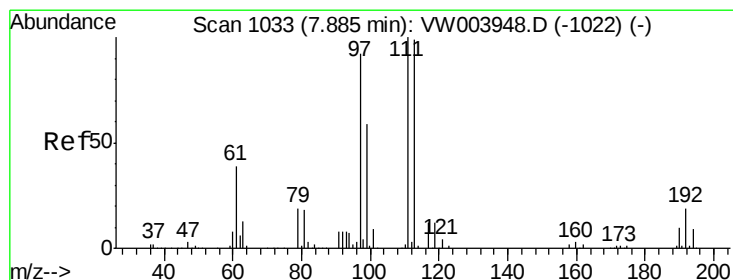
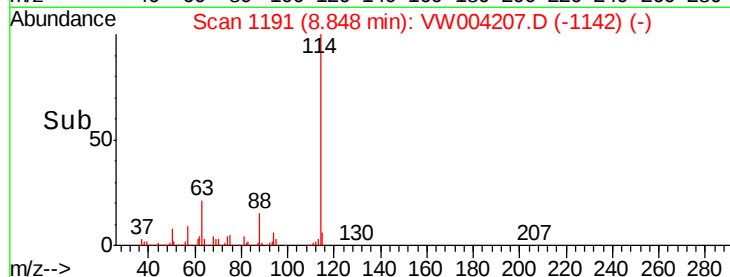
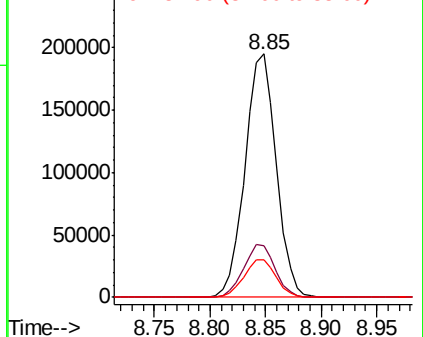
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004207.D
 Acq: 25 Jul 2018 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-072418-C

Tot Ion:114 Resp: 380462
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.4 0.0 30.4

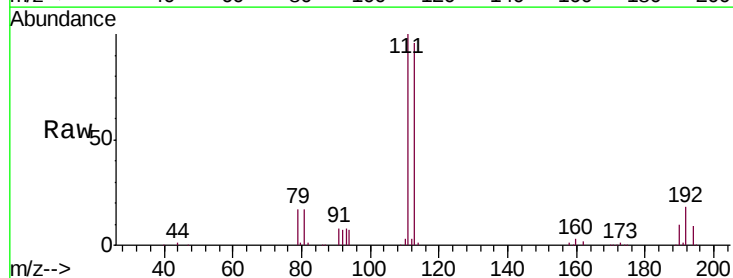


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

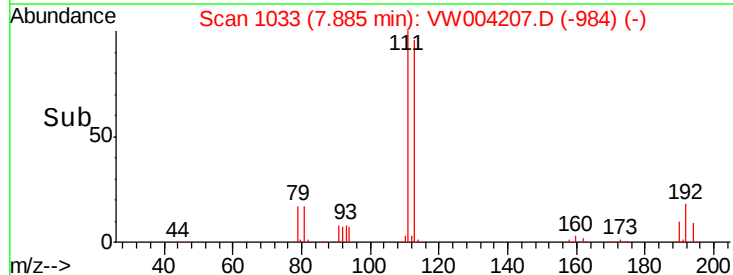
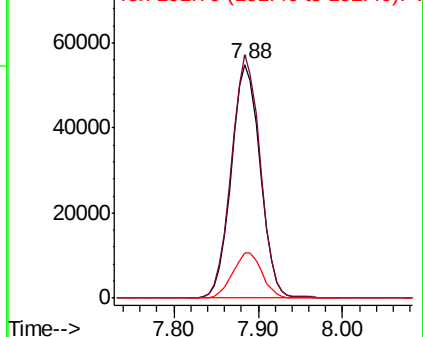


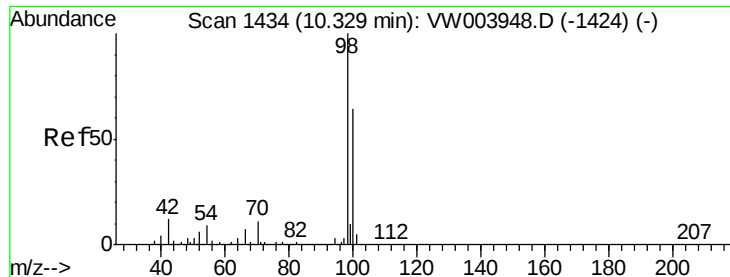
#35
 Dibromofluoromethane
 Concen: 52.03 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004207.D
 Acq: 25 Jul 2018 22:03

Tgt Ion:113 Resp: 127021
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 19.6 15.8 23.6



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





#50

Toluene-d8

Concen: 34.57 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

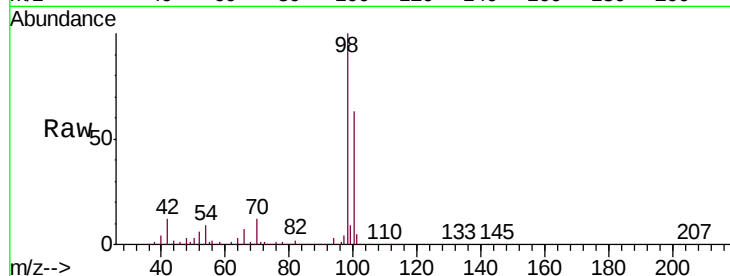
HR-06-072418-C

Tot Ion: 98 Resp: 327431

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

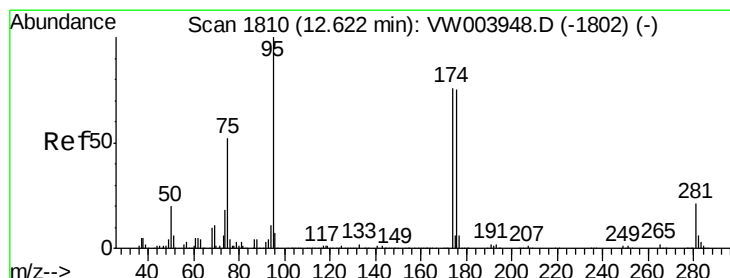
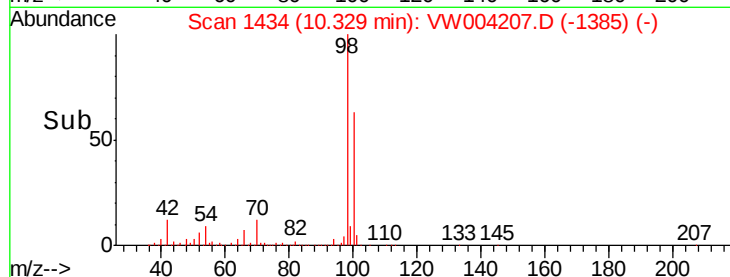
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 32.74 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

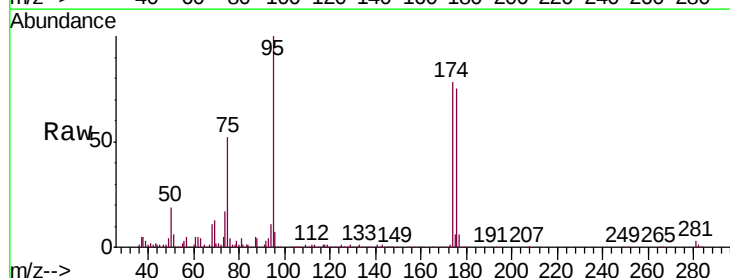
Tgt Ion: 95 Resp: 111834

Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.2

176 77.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

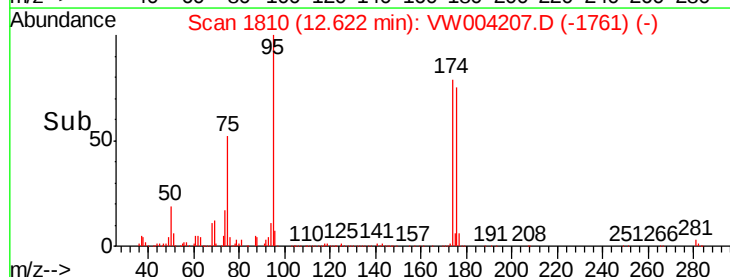
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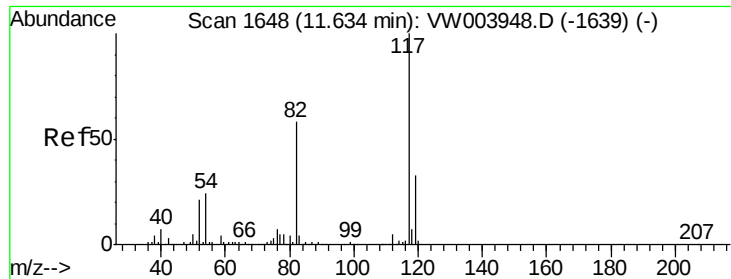
40000

20000

0

Time--> 12.55 12.60 12.65

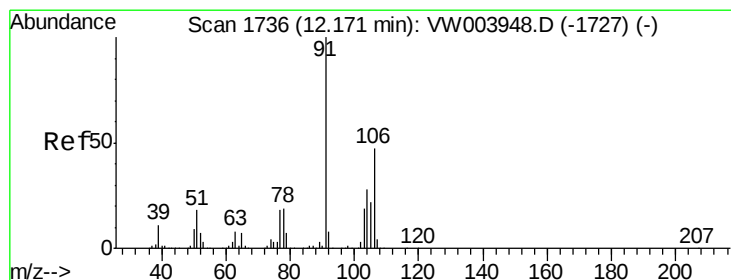
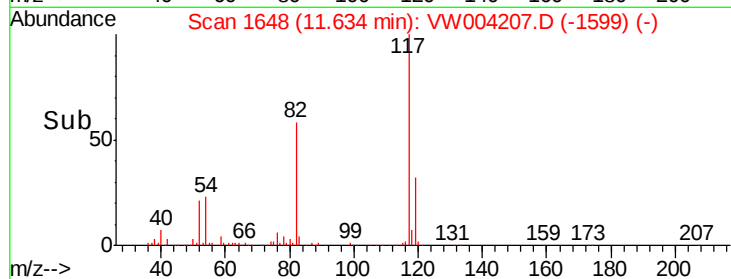
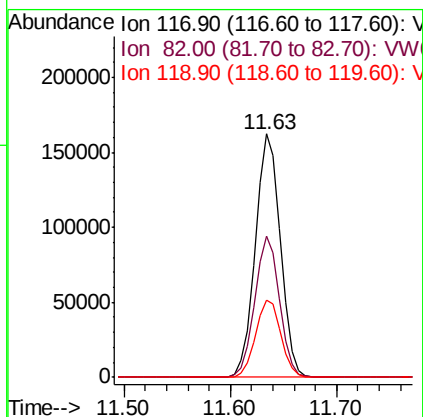
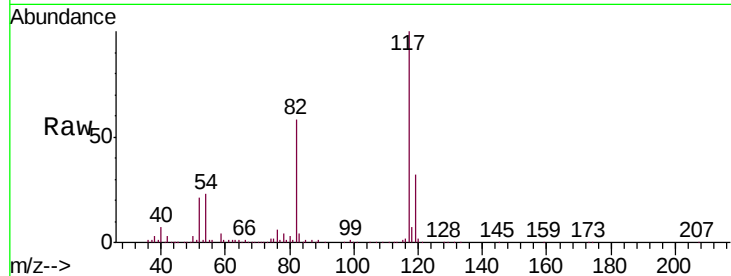




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004207.D
Acq: 25 Jul 2018 22:03

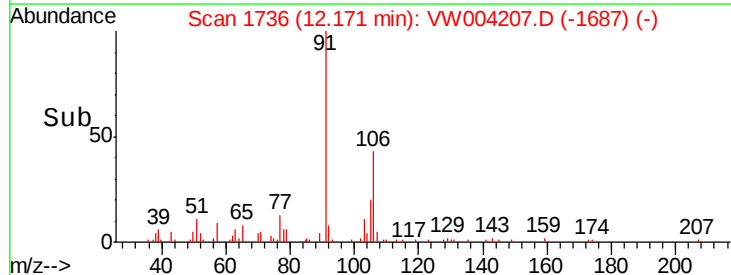
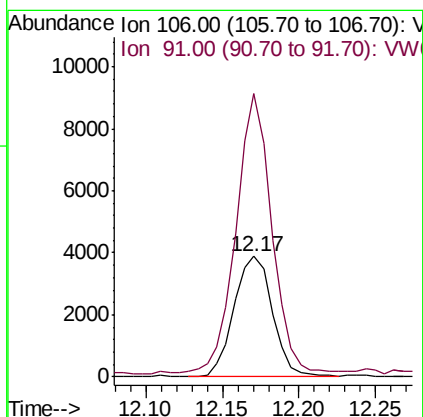
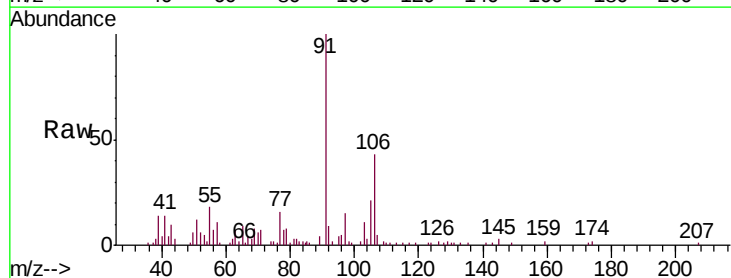
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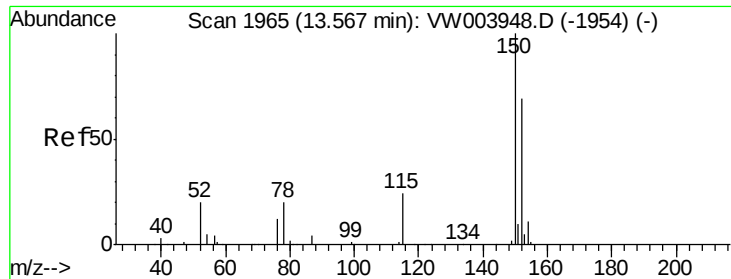
Tot Ion:117 Resp: 268590
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 31.8 26.2 39.2



#69
o-Xylene
Concen: 1.92 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004207.D
Acq: 25 Jul 2018 22:03

Tgt Ion:106 Resp: 6816
Ion Ratio Lower Upper
106 100
91 219.6 107.5 322.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-072418-C

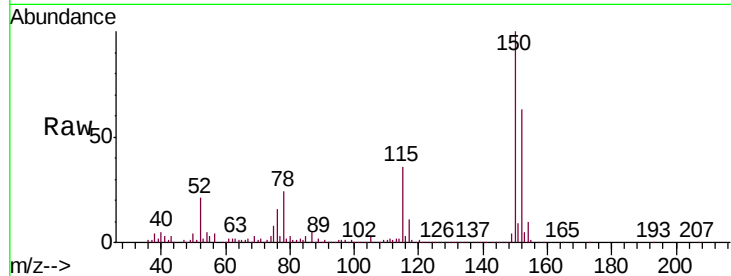
Tot Ion:152 Resp: 111941

Ion Ratio Lower Upper

152 100

115 63.2 29.2 87.6

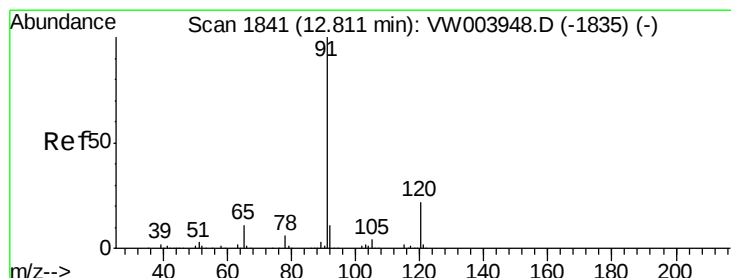
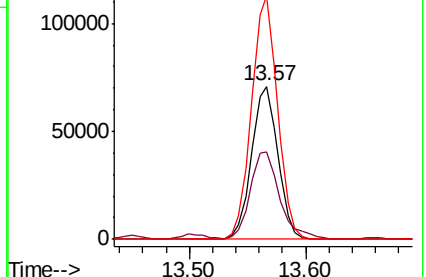
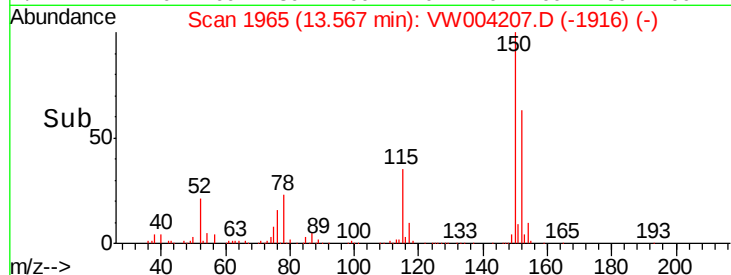
150 157.0 0.0 345.2



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



#78

n-propylbenzene

Concen: 1.97 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004207.D

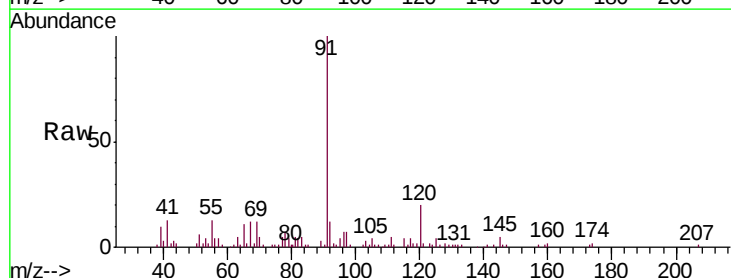
Acq: 25 Jul 2018 22:03

Tgt Ion: 91 Resp: 19074

Ion Ratio Lower Upper

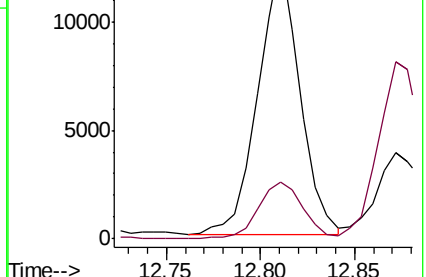
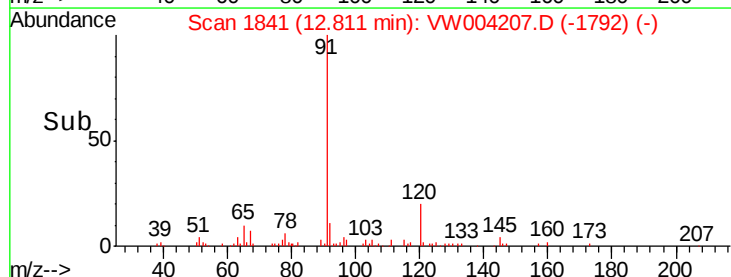
91 100

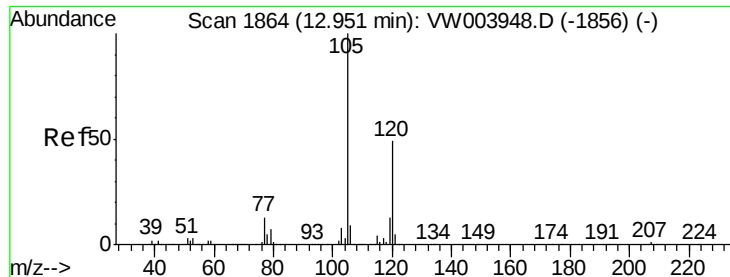
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

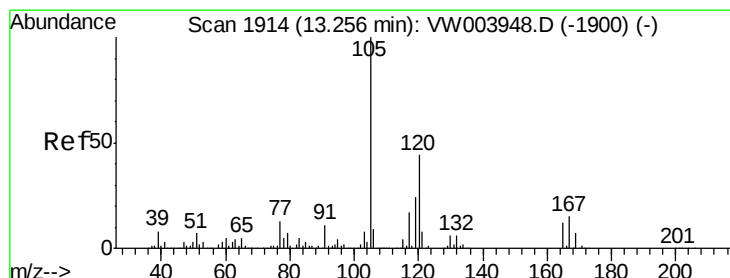
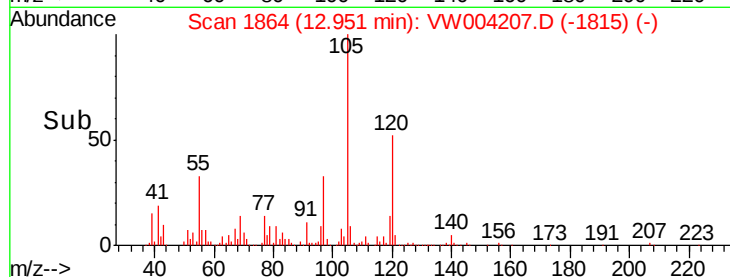
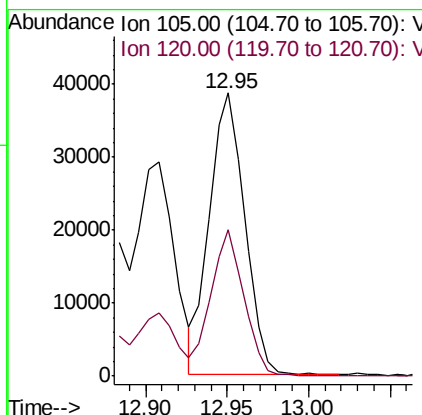
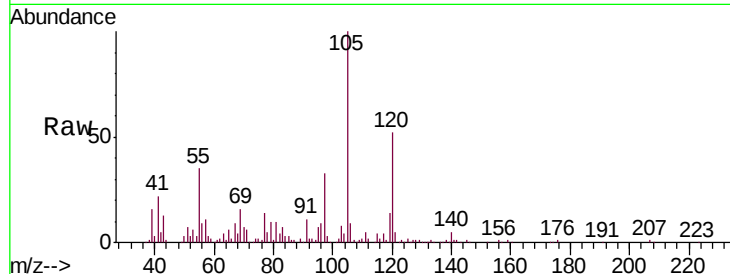




#80
 1,3,5-Trimethylbenzene
 Concen: 8.77 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004207.D
 Acq: 25 Jul 2018 22:03

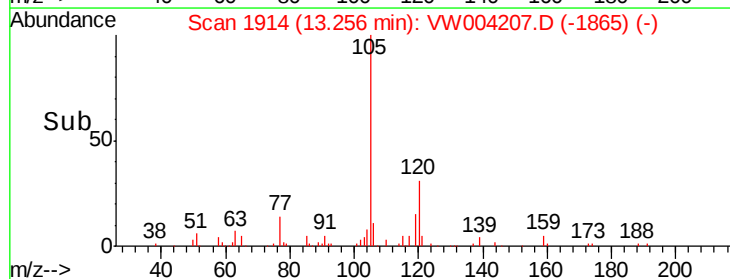
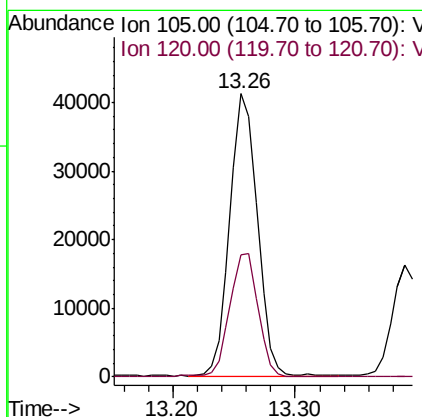
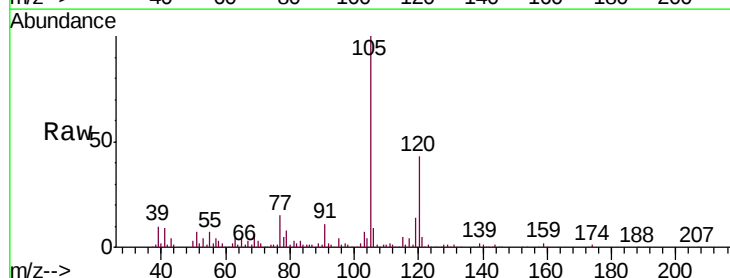
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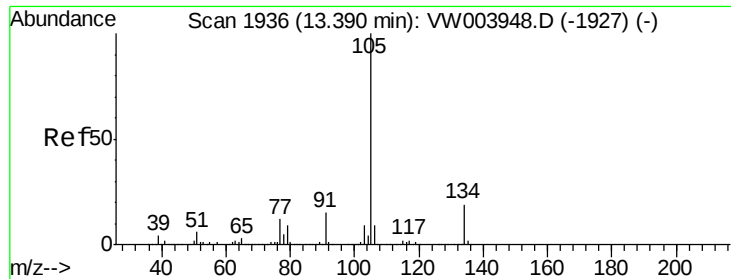
Tot Ion:105 Resp: 58350
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 9.33 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004207.D
 Acq: 25 Jul 2018 22:03

Tgt Ion:105 Resp: 63908
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.96 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

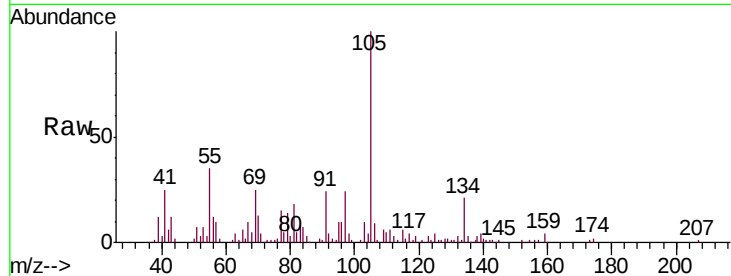
HR-06-072418-C

Tot Ion:105 Resp: 24553

Ion Ratio Lower Upper

105 100

134 28.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

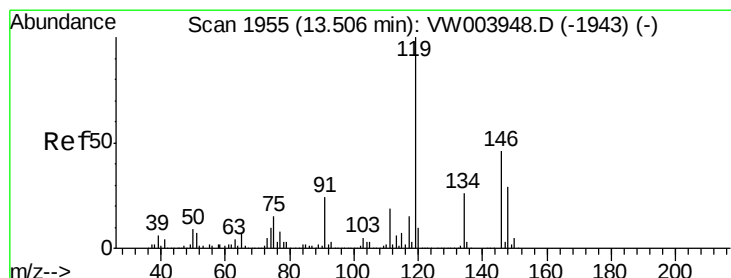
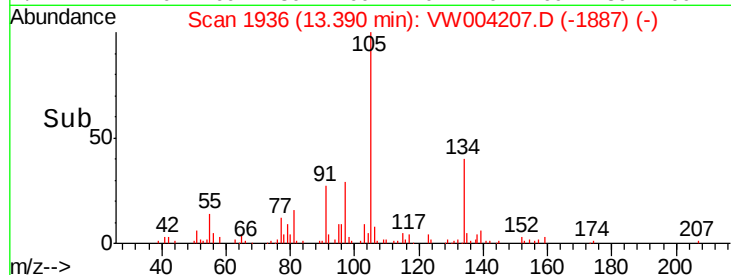
15000

10000

5000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 5.10 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

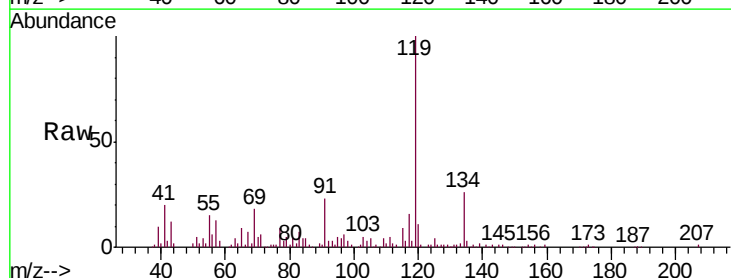
Tgt Ion:119 Resp: 37089

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 22.4 11.8 35.3



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

13.51

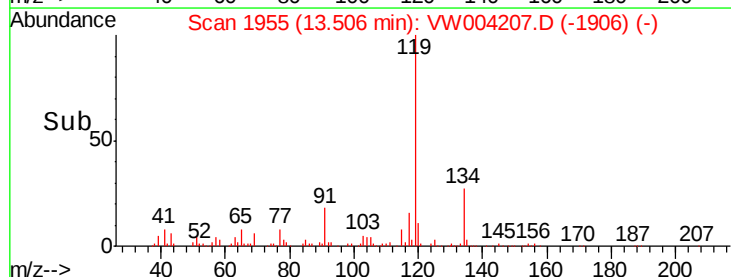
30000

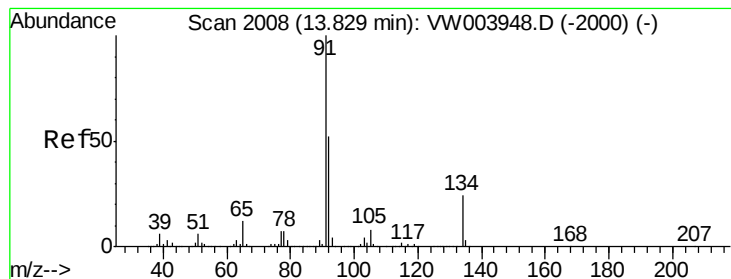
20000

10000

0

Time--> 13.45 13.50 13.55





#89

n-Butylbenzene

Concen: 2.60 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW004207.D

Acq: 25 Jul 2018 22:03

Instrument :

MSVOA_W

ClientSampleId :

HR-06-072418-C

Tot Ion: 91 Resp: 18623

Ion Ratio Lower Upper

91 100

92 72.2 26.1 78.3

134 0.0 12.4 37.4#

