

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004008.D
 Acq On : 18 Jul 2018 03:27
 Operator : VA/AP
 Sample : J3821-01RE
 Misc : 5.75G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-ARE

Manual Integrations
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Quant Time: Jul 18 07:19:12 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	154103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	267195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118782	68.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.92%	
35) Dibromofluoromethane	7.88	113	89228	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.33	98	43194	6.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.98%	
62) 4-Bromofluorobenzene	12.63	95	49200	20.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.02%	
Target Compounds						
16) Acetone	4.12	43	24674	59.61	ug/l	97
18) Methyl Acetate	4.68	43	3452	3.47	ug/l	99
25) 2-Butanone	7.18	43	4233	7.60	ug/l #	77
78) n-propylbenzene	12.81	91	6035	1.08	ug/l	91
80) 1,3,5-Trimethylbenzene	12.95	105	14005	3.66	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	45260	11.50	ug/l	96
85) sec-Butylbenzene	13.39	105	6885	1.44	ug/l #	74
86) p-Isopropyltoluene	13.51	119	8597	2.06	ug/l	92
89) n-Butylbenzene	13.83	91	12863m	3.13	ug/l	
95) Naphthalene	15.38	128	6891	2.75	ug/l #	94

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

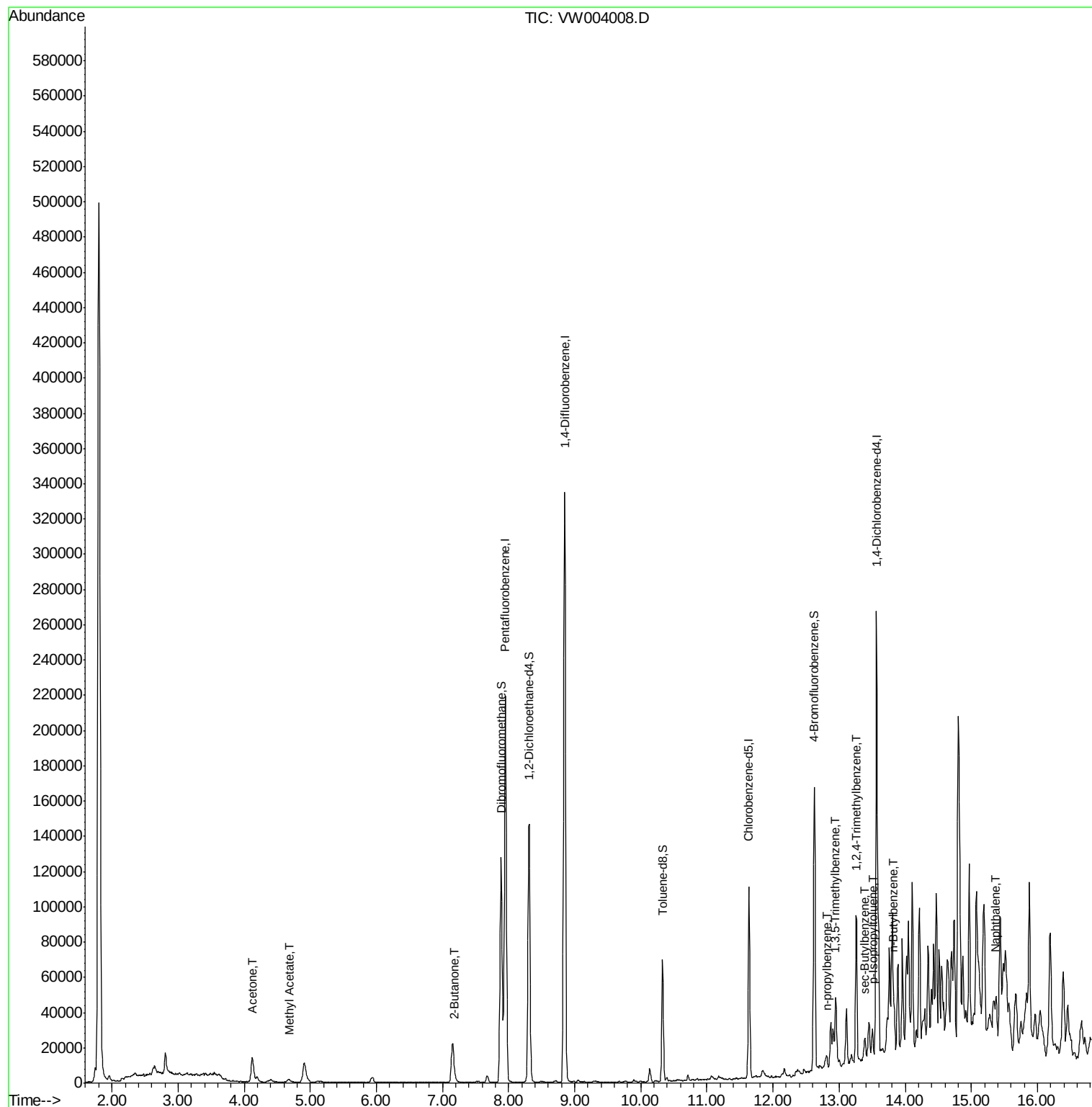
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004008.D
Acq On : 18 Jul 2018 03:27
Operator : VA/AP
Sample : J3821-01RE
Misc : 5.75G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

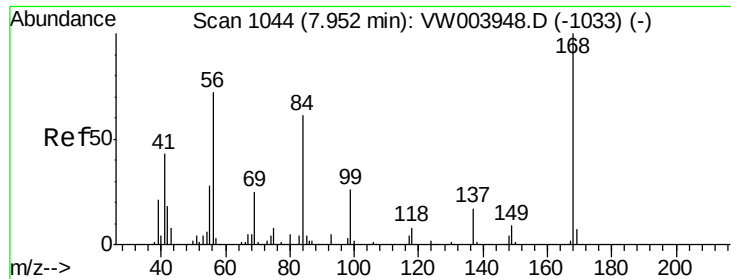
Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-ARE

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Quant Time: Jul 18 07:19:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
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: VW004008.D

Acq: 18 Jul 2018 03:27

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-ARE

Tot Ion:168 Resp: 154103

Ion Ratio Lower Upper

168 100

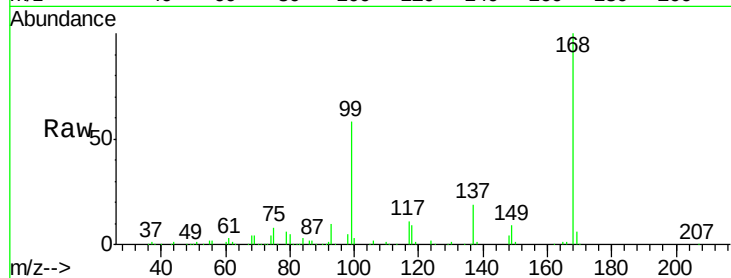
99 57.8 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

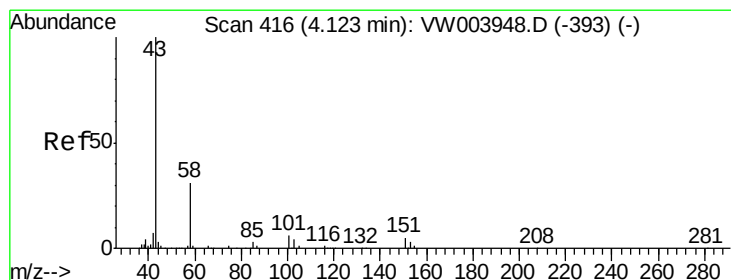
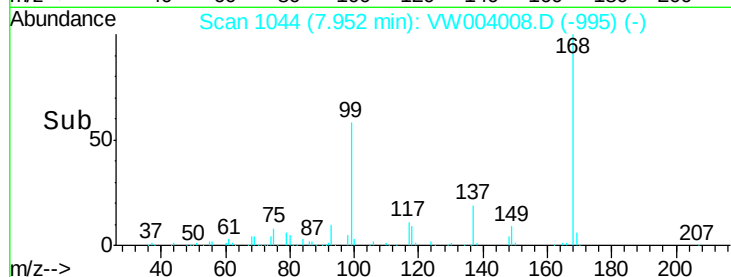
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 59.61 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004008.D

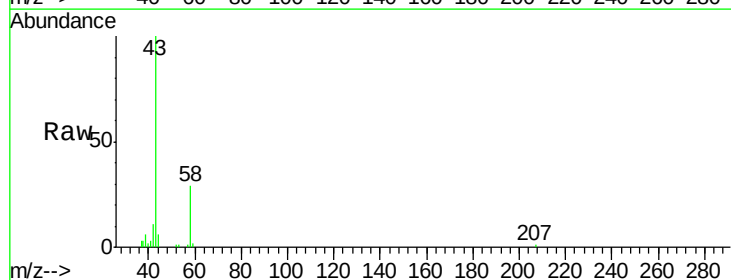
Acq: 18 Jul 2018 03:27

Tgt Ion: 43 Resp: 24674

Ion Ratio Lower Upper

43 100

58 28.9 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

6000

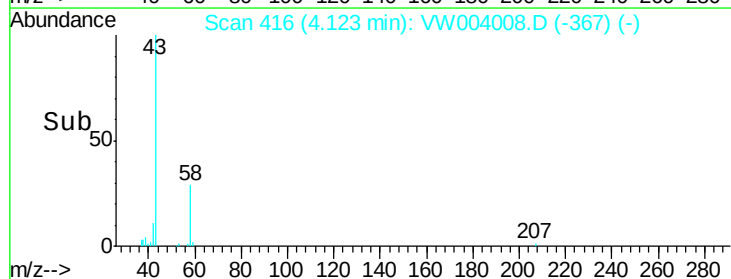
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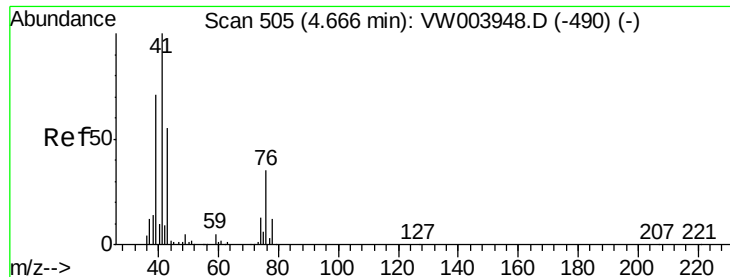
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0

4.00 4.10 4.20

Time-->





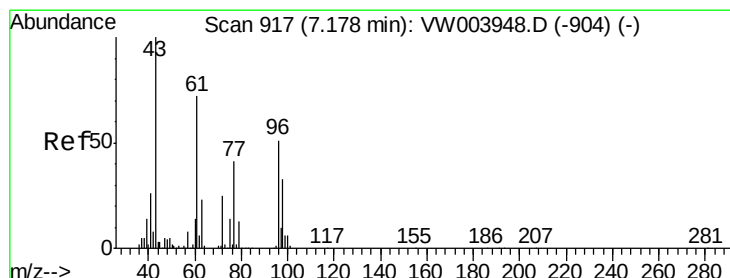
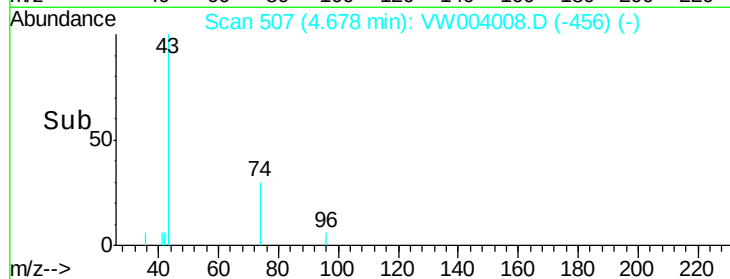
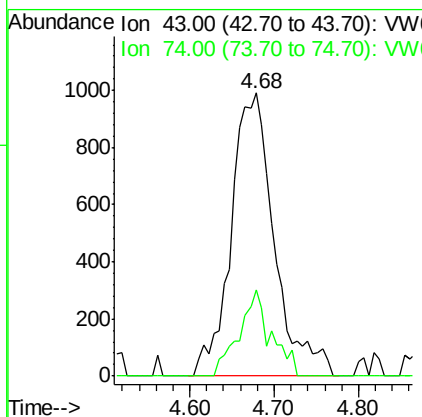
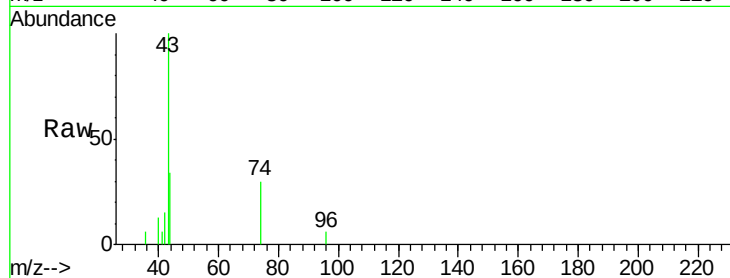
#18
Methvl Acetate
Concen: 3.47 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004008.D
Acq: 18 Jul 2018 03:27

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-ARE

Tot Ion: 43 Resp: 3452
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5

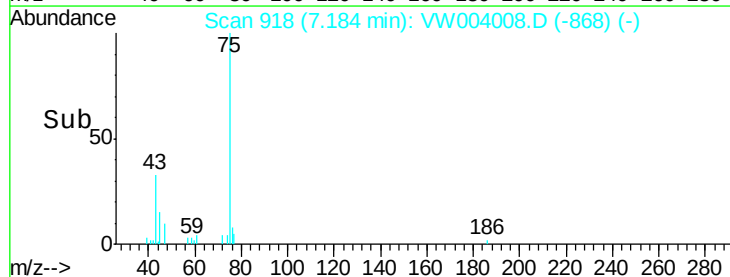
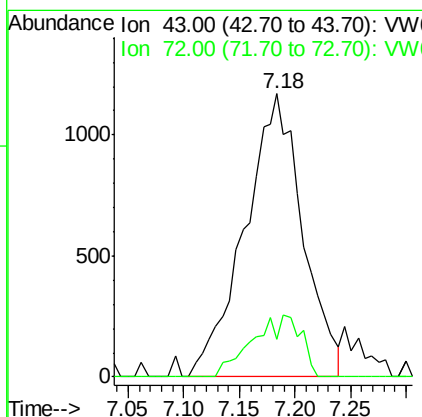
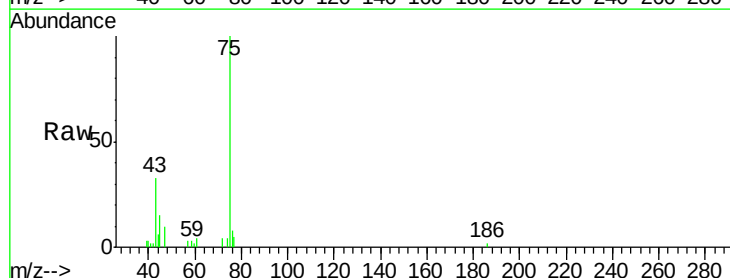
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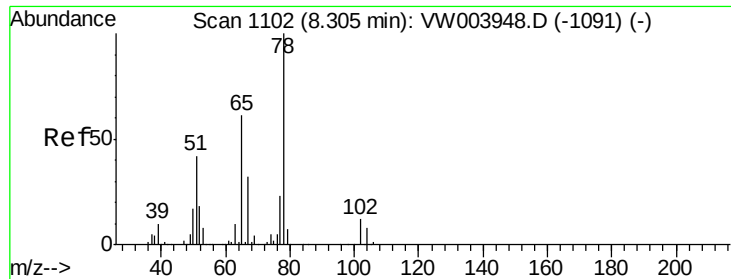
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#25
2-Butanone
Concen: 7.60 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004008.D
Acq: 18 Jul 2018 03:27

Tgt Ion: 43 Resp: 4233
Ion Ratio Lower Upper
43 100
72 13.3 19.8 29.6#





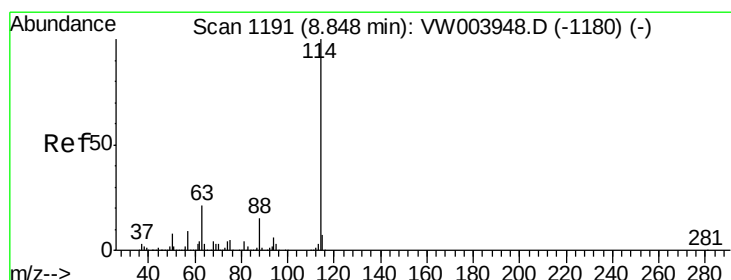
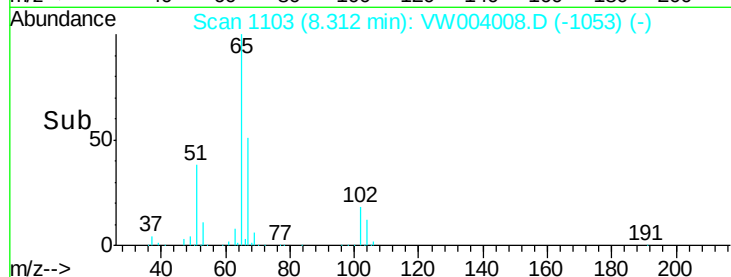
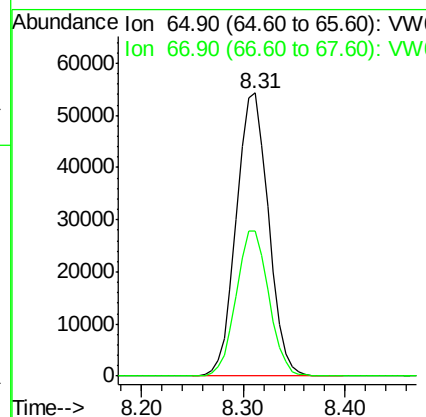
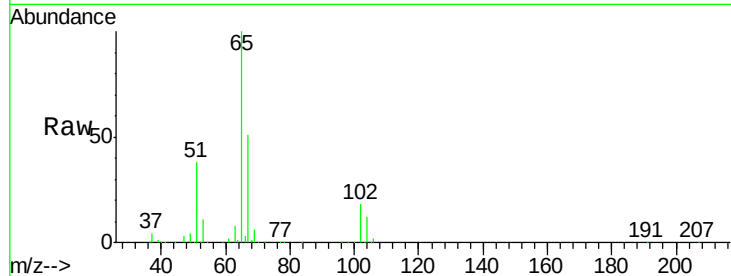
#33
 1,2-Dichloroethane-d4
 Concen: 68.96 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-ARE

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	105.0	

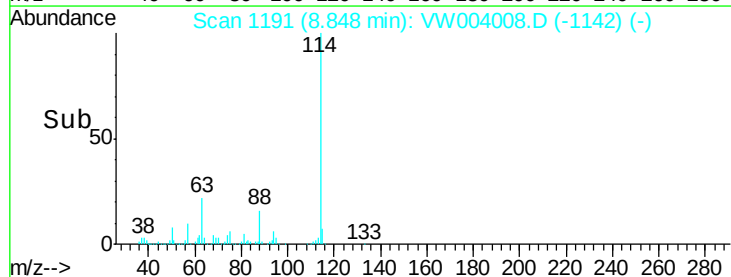
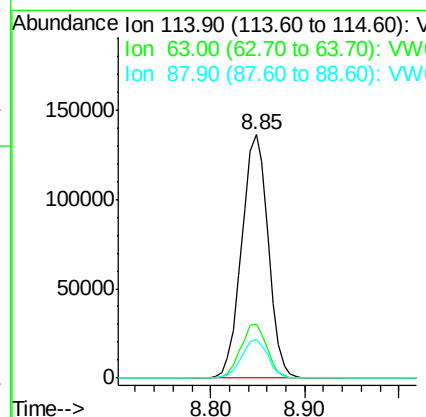
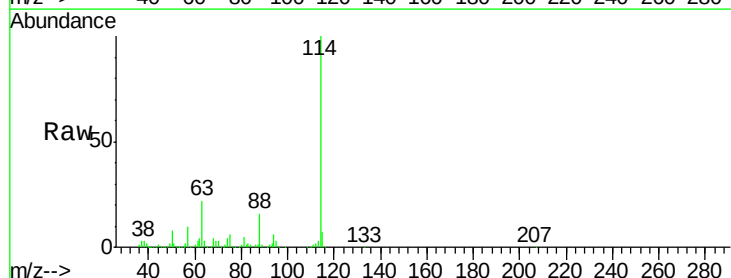
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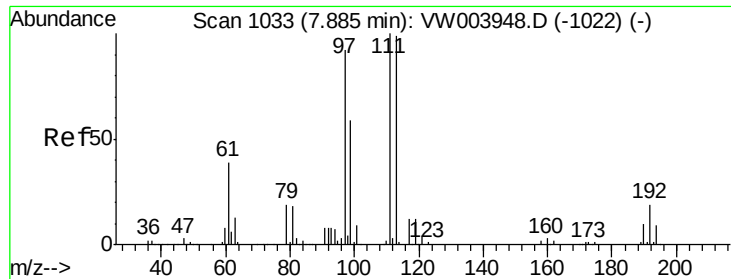
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	42.8	
88	16.2	0.0	30.4	





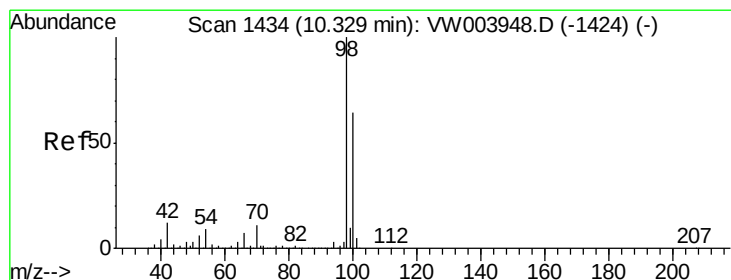
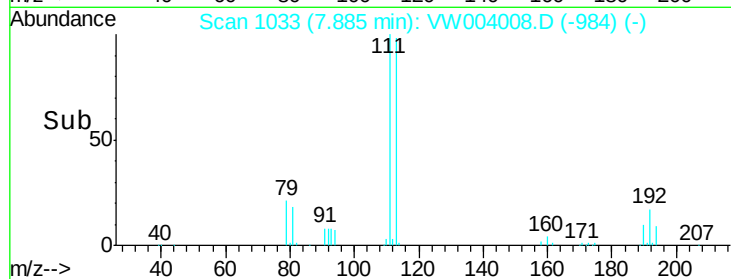
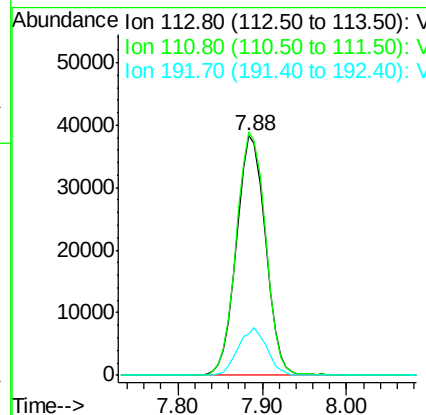
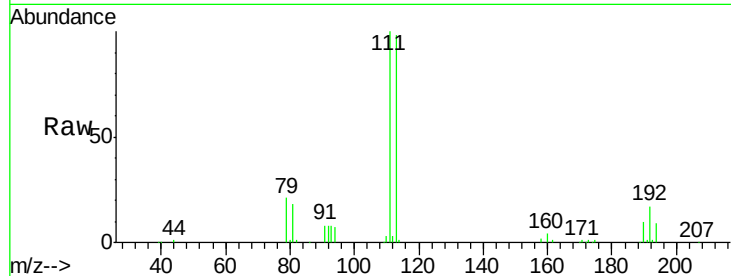
#35
 Dibromofluoromethane
 Concen: 52.05 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-ARE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	19.6	15.8	23.6

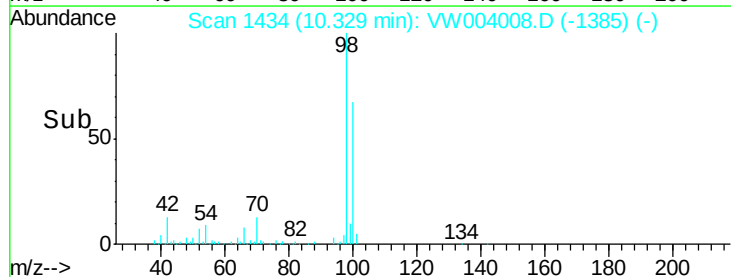
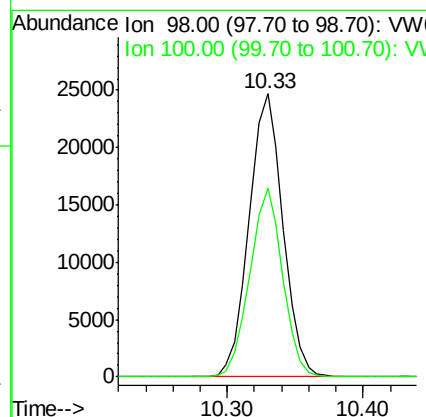
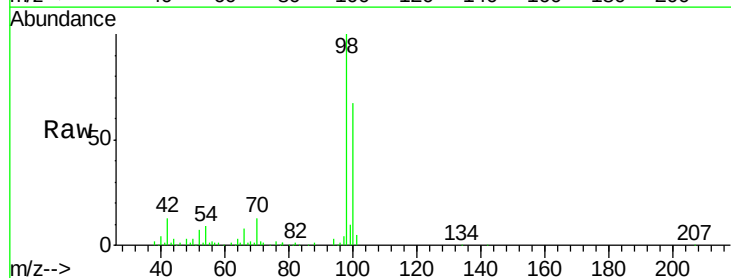
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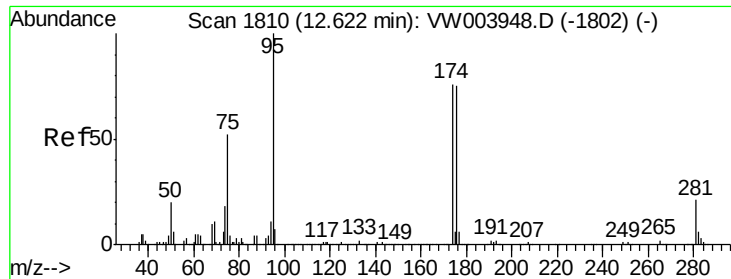
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#50
 Toluene-d8
 Concen: 6.49 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





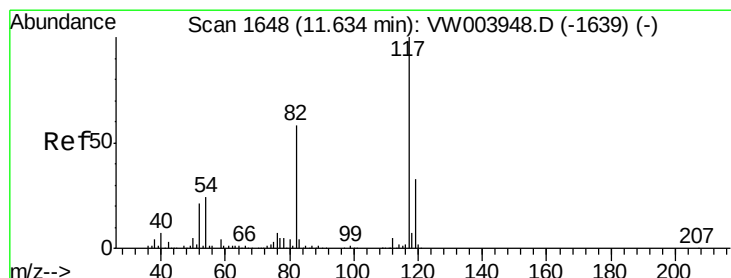
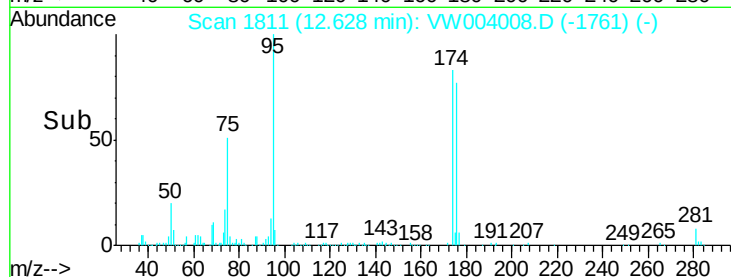
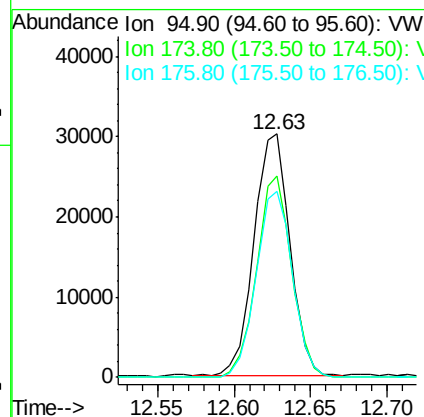
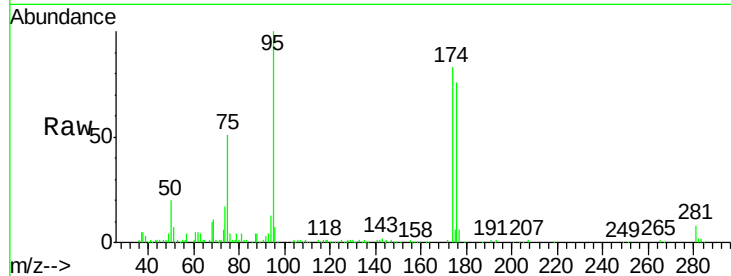
#62
4-Bromofluorobenzene
Concen: 20.51 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004008.D
Acq: 18 Jul 2018 03:27

Instrument :
MSVOA_W
ClientSampleId :
HR-05-071218-ARE

Tot Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	160.2
176	78.0	0.0	155.8

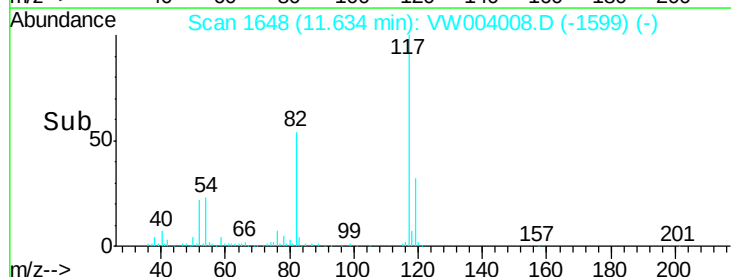
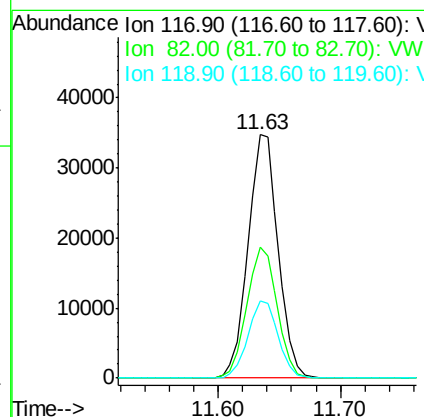
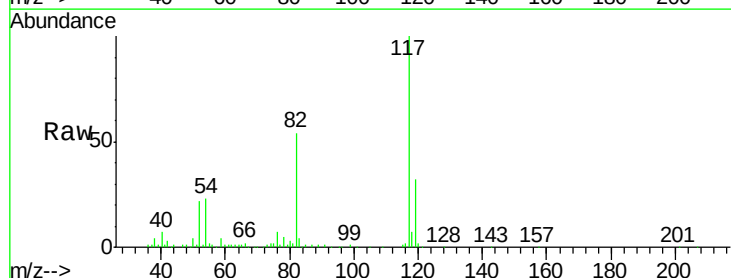
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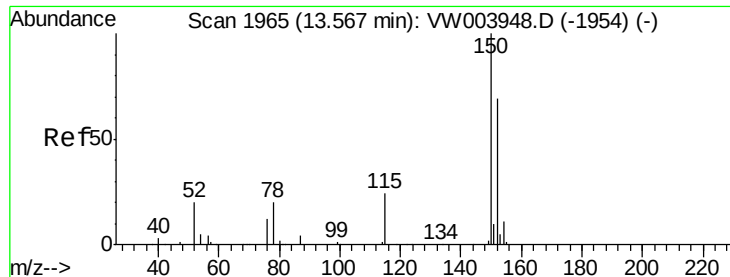
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004008.D
Acq: 18 Jul 2018 03:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.5	69.7
119	32.0	26.2	39.2





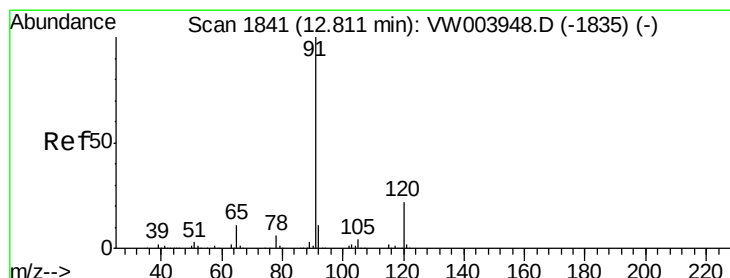
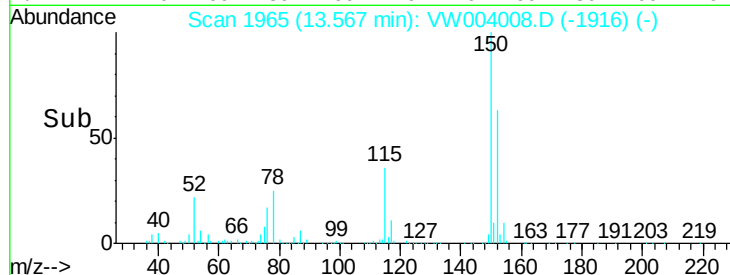
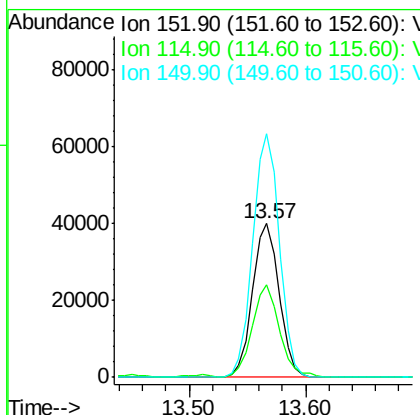
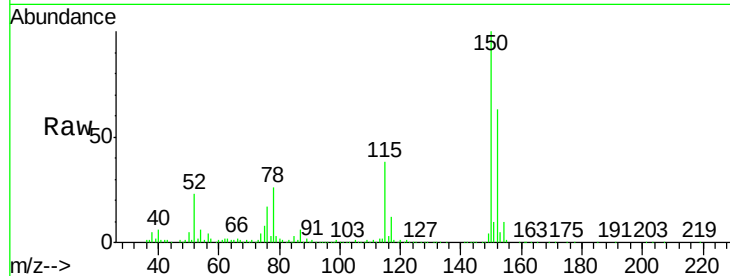
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-ARE

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.2	87.6
150	157.7	0.0	345.2

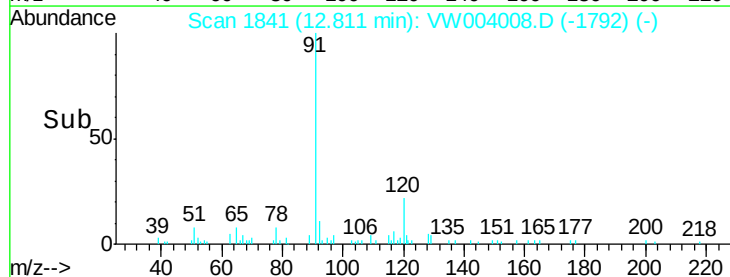
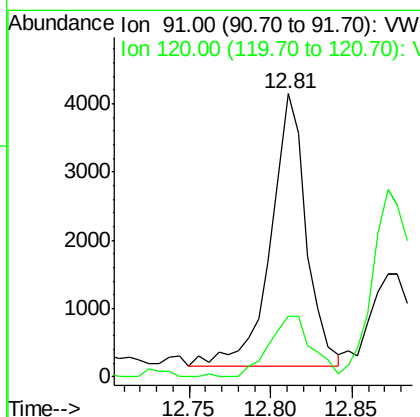
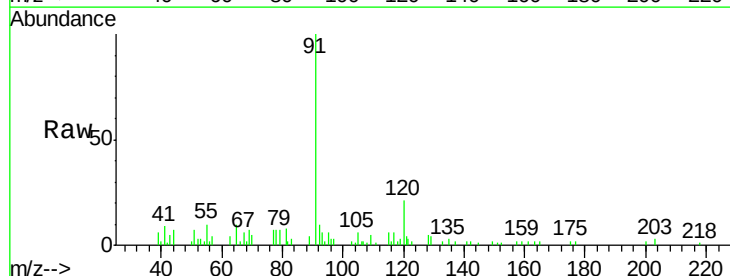
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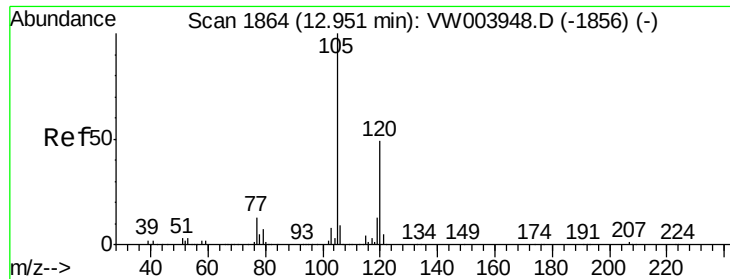
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#78
 n-propylbenzene
 Concen: 1.08 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	26.9	11.2	33.6





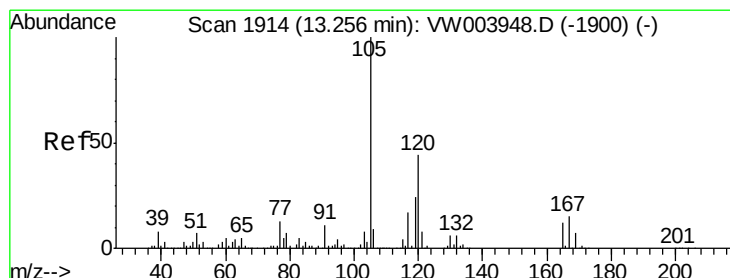
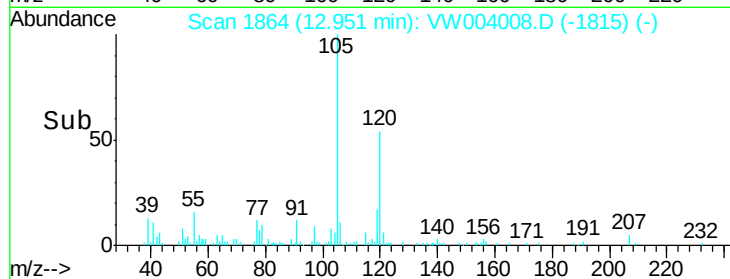
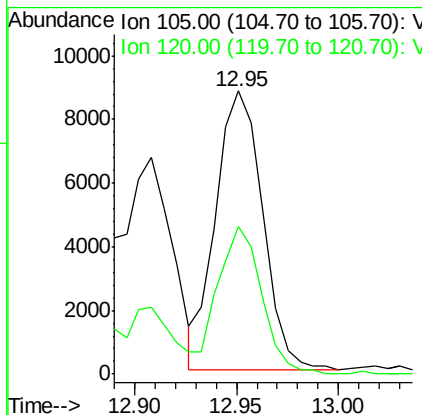
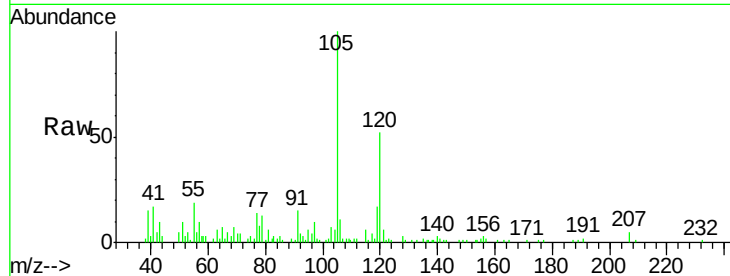
#80
 1,3,5-Trimethylbenzene
 Concen: 3.66 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-071218-ARE

Tot Ion:105 Resp: 14005
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.2

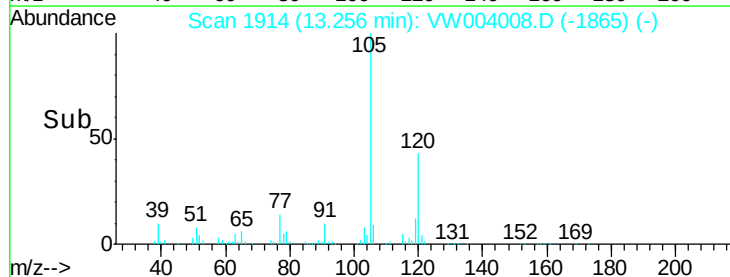
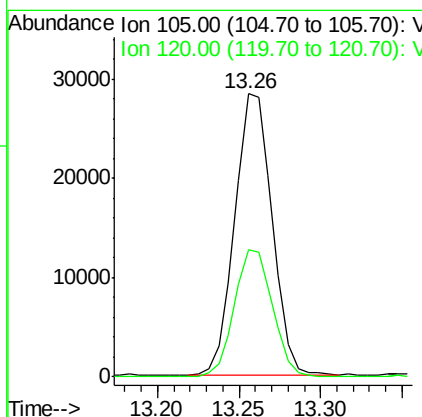
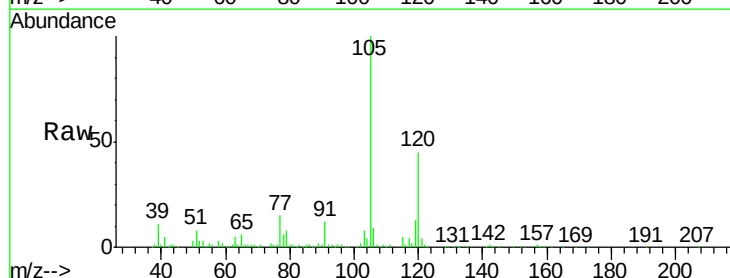
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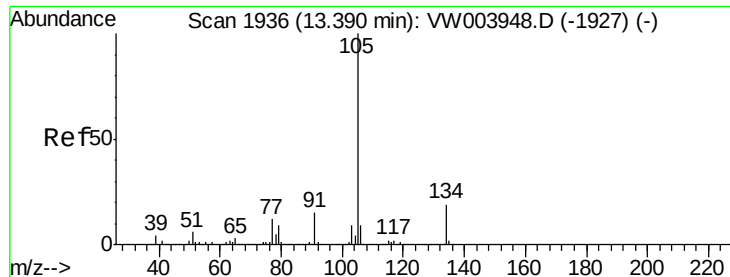
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#84
 1,2,4-Trimethylbenzene
 Concen: 11.50 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004008.D
 Acq: 18 Jul 2018 03:27

Tgt Ion:105 Resp: 45260
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 1.44 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004008.D

Acq: 18 Jul 2018 03:27

Instrument :

MSVOA_W

ClientSampleId :

HR-05-071218-ARE

Tot Ion:105 Resp: 6885

Ion Ratio Lower Upper

105 100

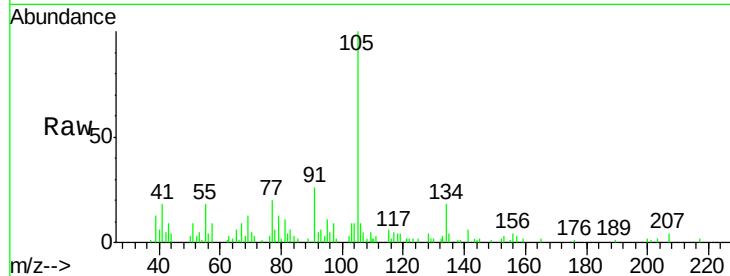
134 31.3 9.8 29.4#

Manual Integrations

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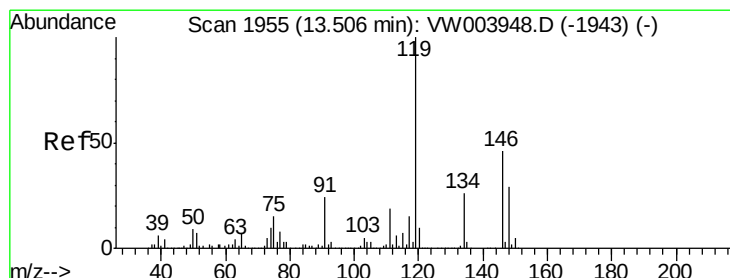
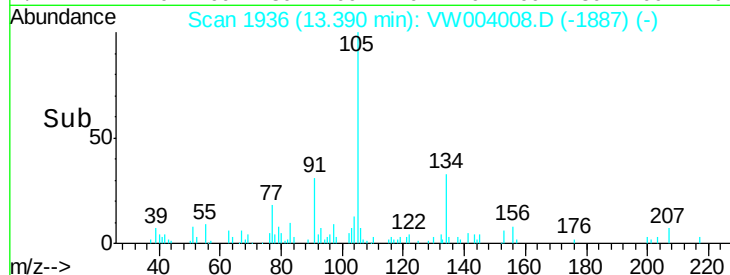
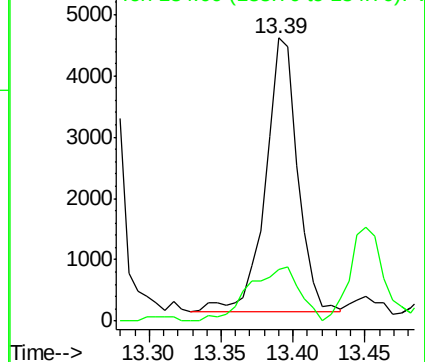
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.06 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004008.D

Acq: 18 Jul 2018 03:27

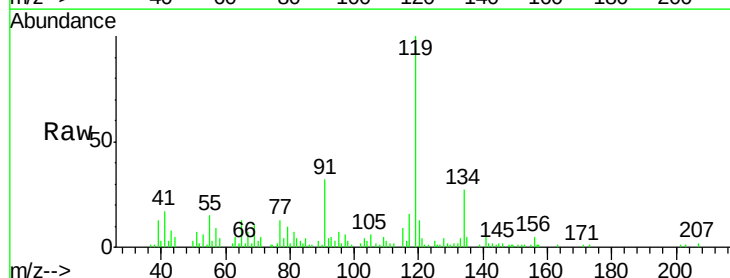
Tgt Ion:119 Resp: 8597

Ion Ratio Lower Upper

119 100

134 27.3 13.0 38.9

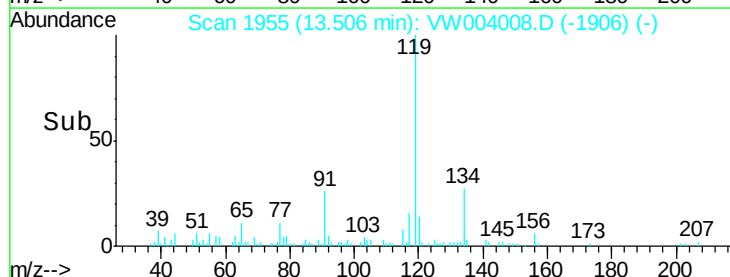
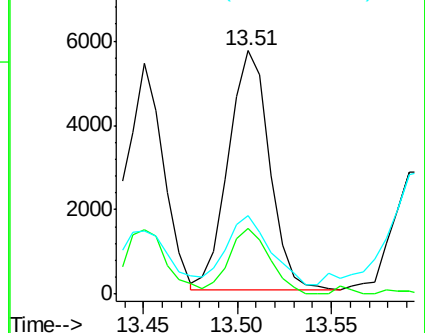
91 30.2 11.8 35.3

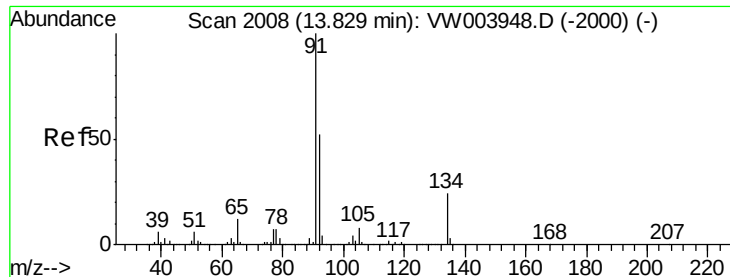


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 3.13 ug/l m

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004008.D

Acq: 18 Jul 2018 03:27

Instrument :

MSVOA_W

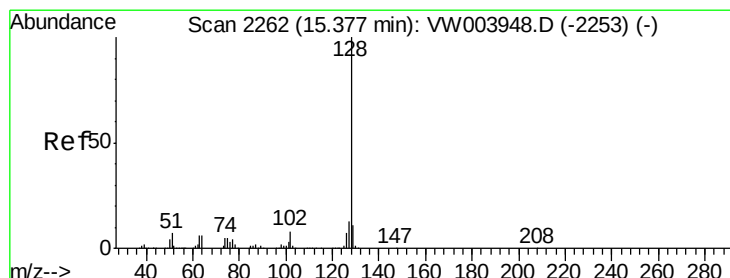
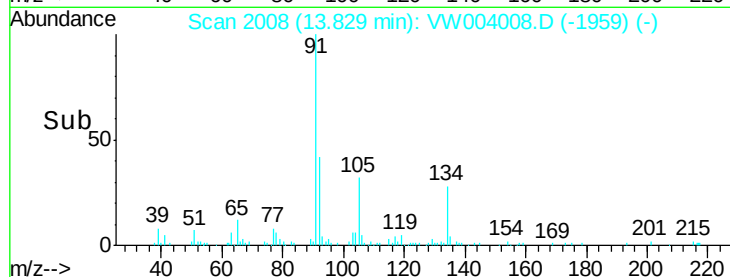
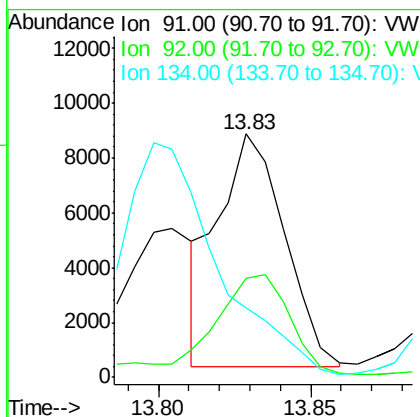
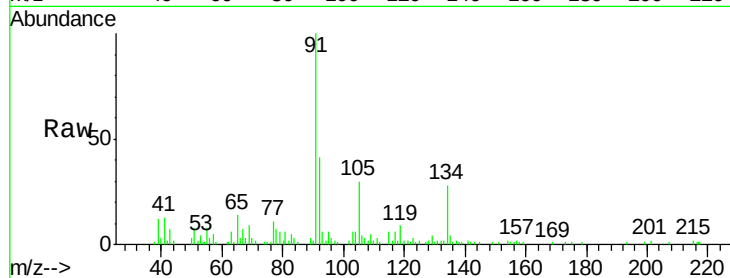
ClientSampleId :

HR-05-071218-ARE

Tot Ion:	91	Resp:	12863
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.1	78.3
134	0.0	12.4	37.4#

Manual Integrations
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#95

Naphthalene

Concen: 2.75 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004008.D

Acq: 18 Jul 2018 03:27

Tgt Ion:	128	Resp:	6891
Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.7	16.1#
129	9.6	8.7	13.1

