

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004205.D
 Acq On : 25 Jul 2018 21:11
 Operator : SY/AP
 Sample : J3821-07
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 26 06:44:00 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

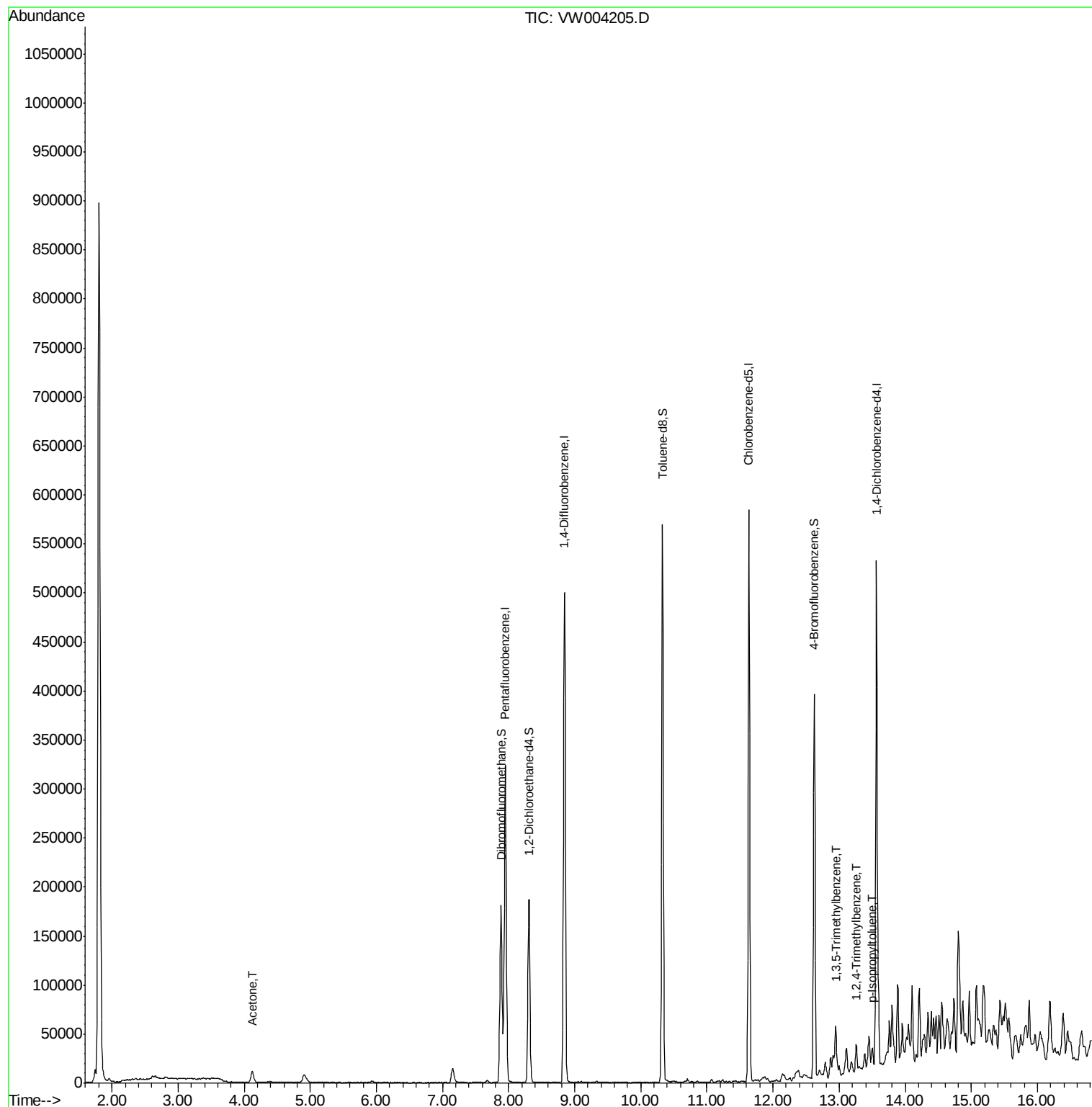
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148218	57.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.74%	
35) Dibromofluoromethane	7.88	113	128121	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.33	98	384399	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.28%	
62) 4-Bromofluorobenzene	12.62	95	124922	34.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.74%	
Target Compounds						
16) Acetone	4.12	43	20951	33.75	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	13482	1.68	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	14966	1.82	ug/l	96
86) p-Isopropyltoluene	13.51	119	10495	1.20	ug/l	99

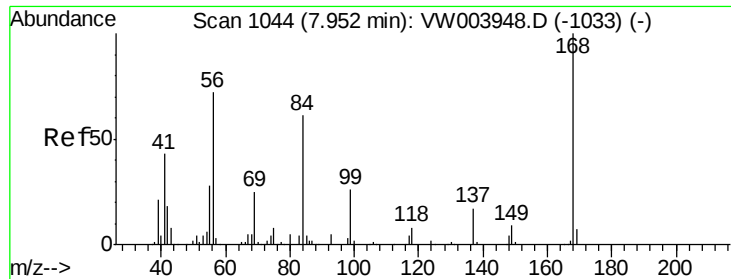
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072618\
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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: VW004205.D

Acq: 25 Jul 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

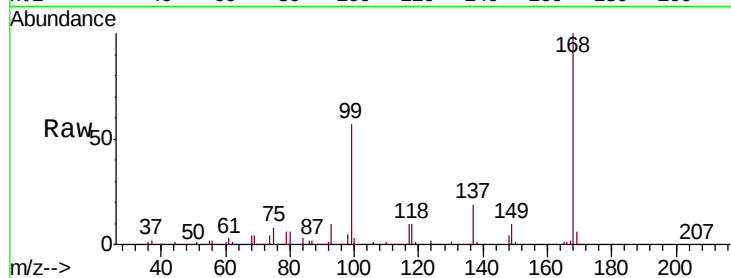
HR-06-072418-A

Tot Ion:168 Resp: 231134

Ion Ratio Lower Upper

168 100

99 57.3 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

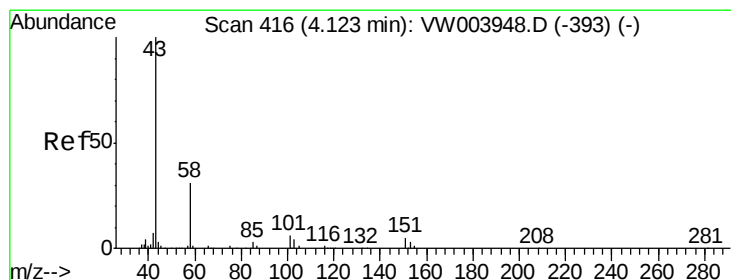
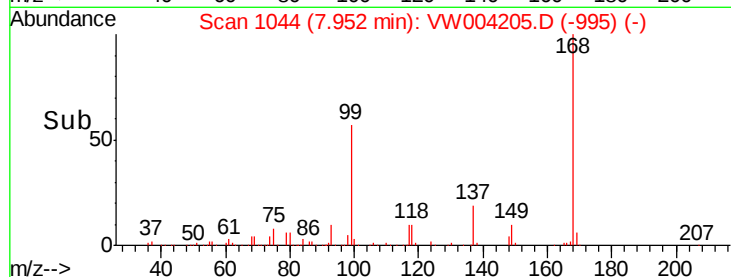
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.75 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004205.D

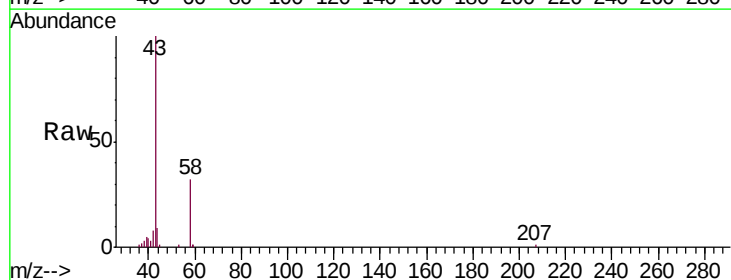
Acq: 25 Jul 2018 21:11

Tgt Ion: 43 Resp: 20951

Ion Ratio Lower Upper

43 100

58 31.5 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

8000

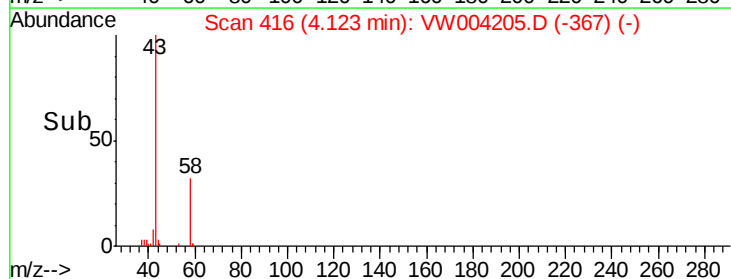
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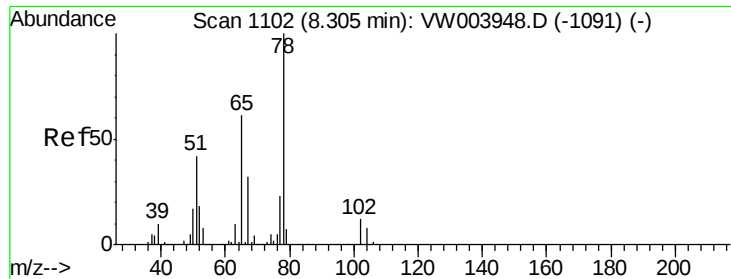
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2000

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Time-->

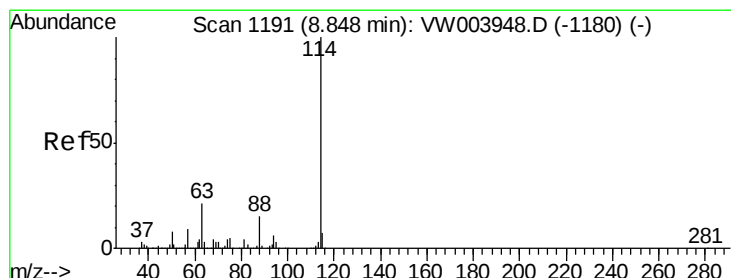
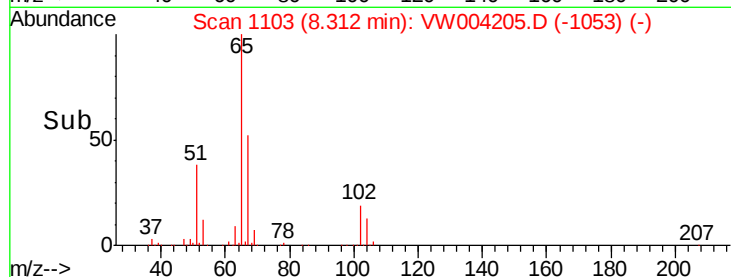
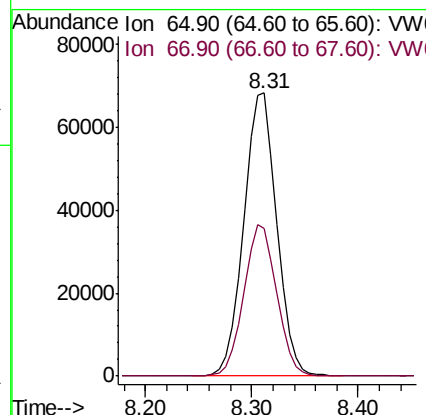
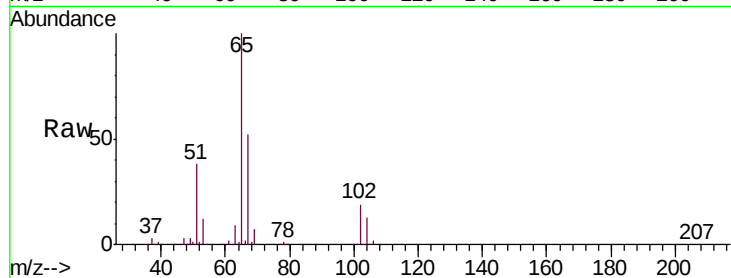




#33
 1,2-Dichloroethane-d4
 Concen: 57.37 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

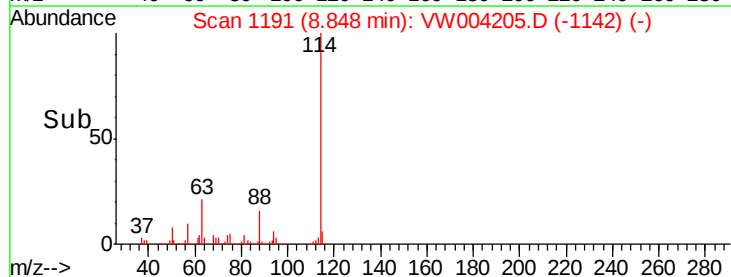
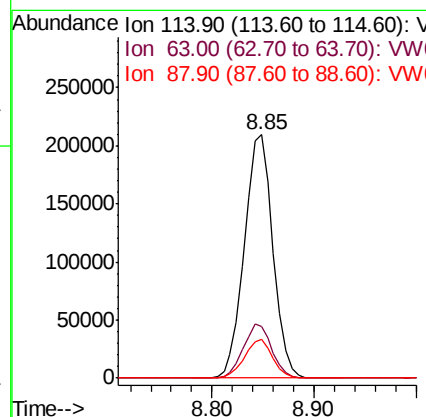
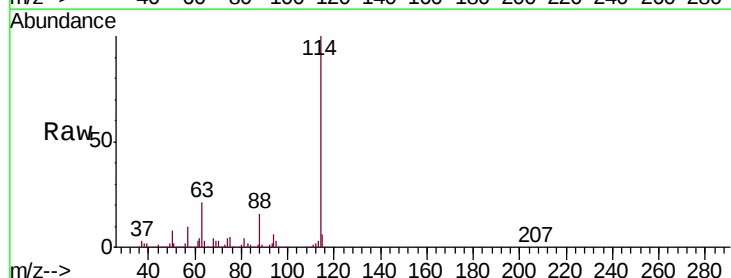
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-072418-A

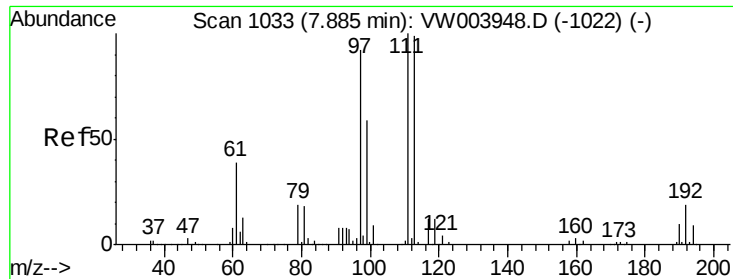
Tot Ion: 65 Resp: 148218
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

Tgt Ion: 114 Resp: 404815
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.9 0.0 30.4

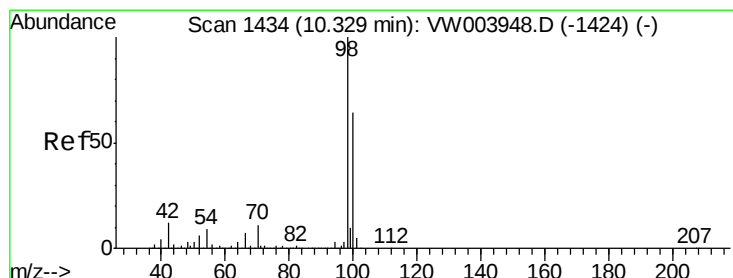
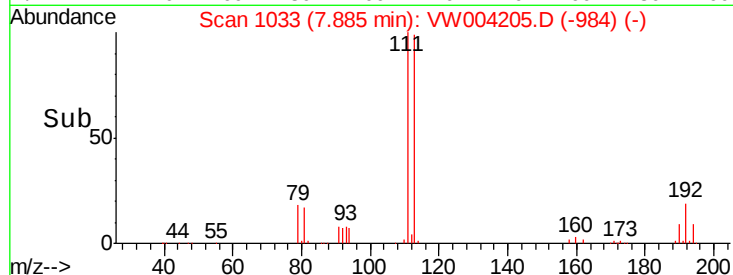
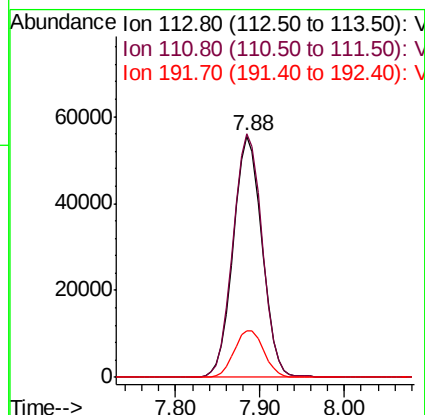
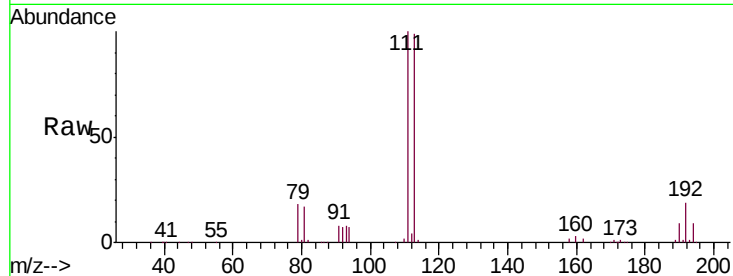




#35
 Dibromofluoromethane
 Concen: 49.33 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

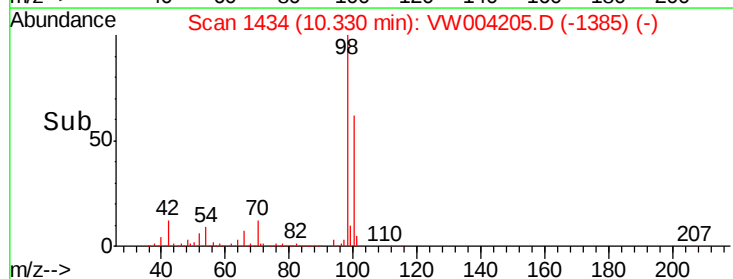
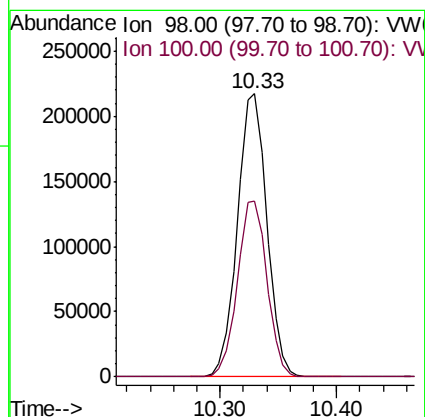
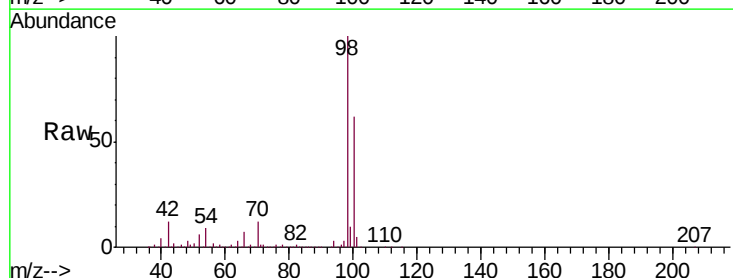
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-072418-A

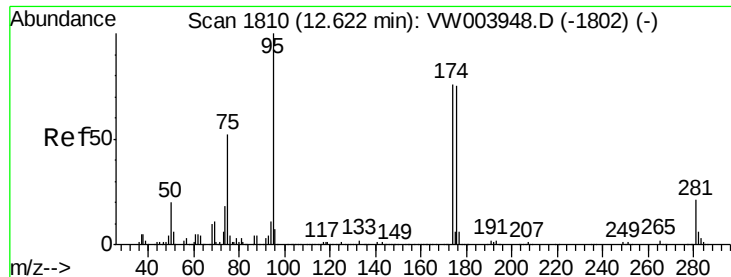
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	19.9	15.8	23.6



#50
 Toluene-d8
 Concen: 38.14 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.2	76.8

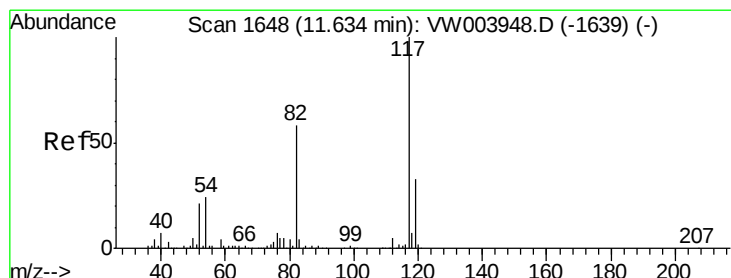
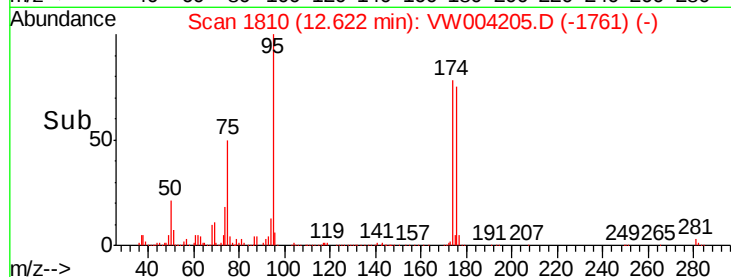
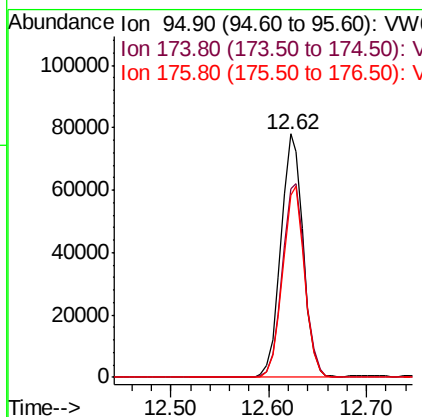
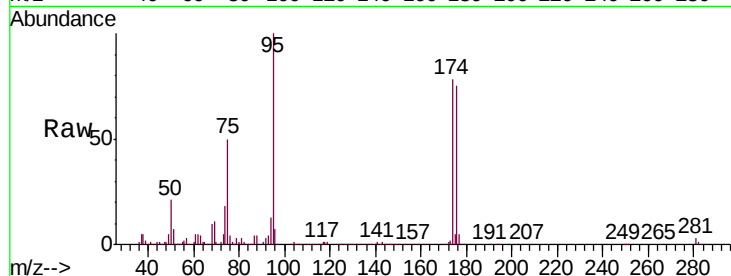




#62
4-Bromofluorobenzene
Concen: 34.37 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004205.D
Acq: 25 Jul 2018 21:11

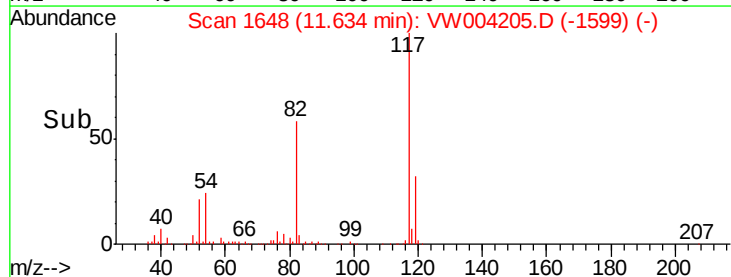
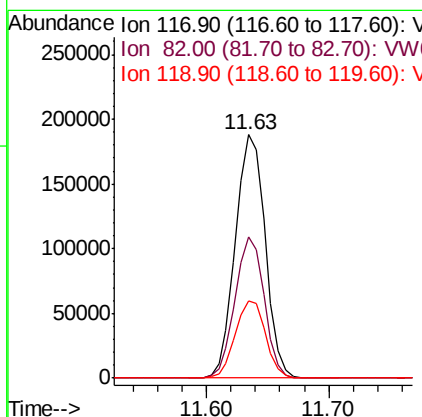
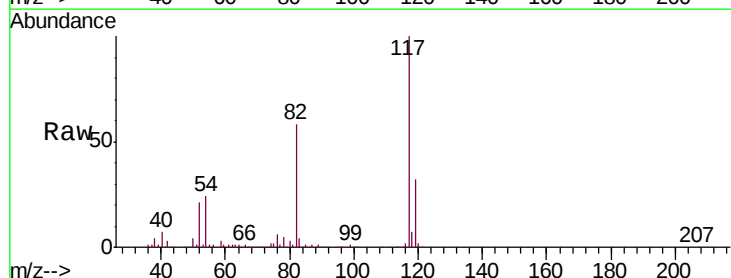
Instrument :
MSVOA_W
ClientSampleId :
HR-06-072418-A

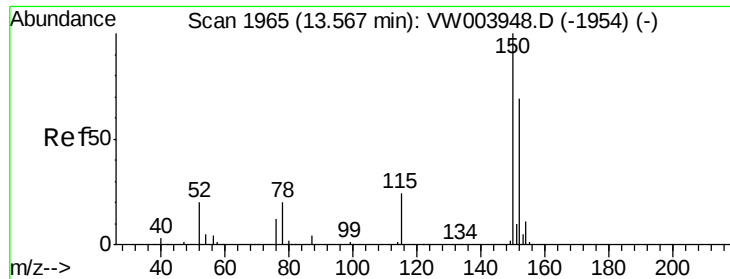
Tot Ion: 95 Resp: 124922
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.2
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004205.D
Acq: 25 Jul 2018 21:11

Tgt Ion: 117 Resp: 317366
Ion Ratio Lower Upper
117 100
82 58.0 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: VW004205.D

Acq: 25 Jul 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

HR-06-072418-A

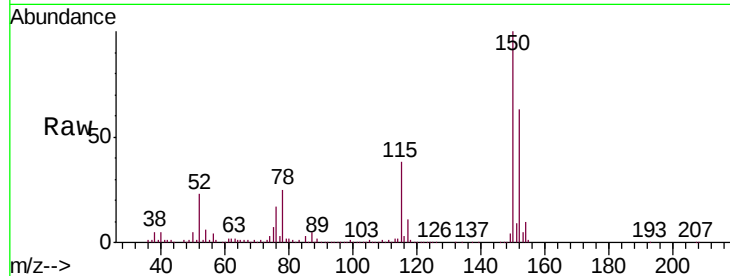
Tot Ion:152 Resp: 134589

Ion Ratio Lower Upper

152 100

115 60.0 29.2 87.6

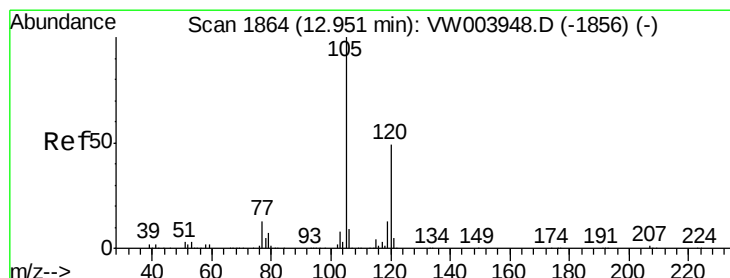
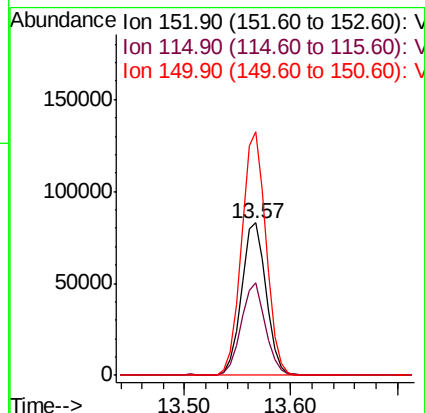
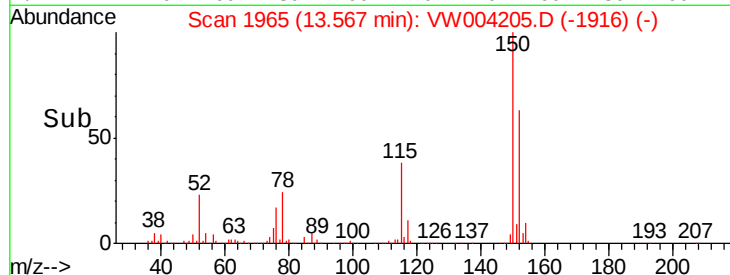
150 158.0 0.0 345.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.68 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004205.D

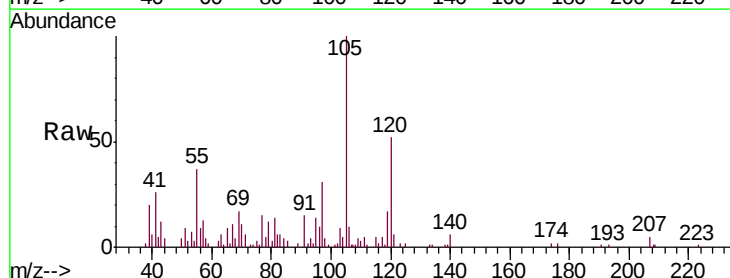
Acq: 25 Jul 2018 21:11

Tgt Ion:105 Resp: 13482

Ion Ratio Lower Upper

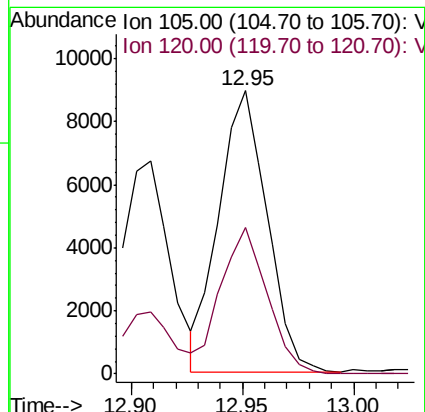
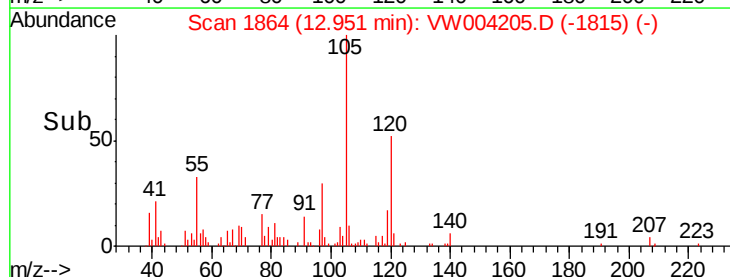
105 100

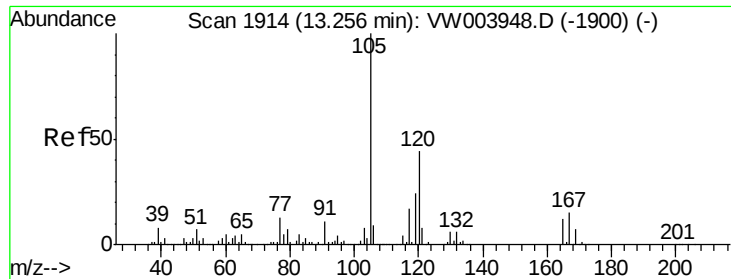
120 50.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

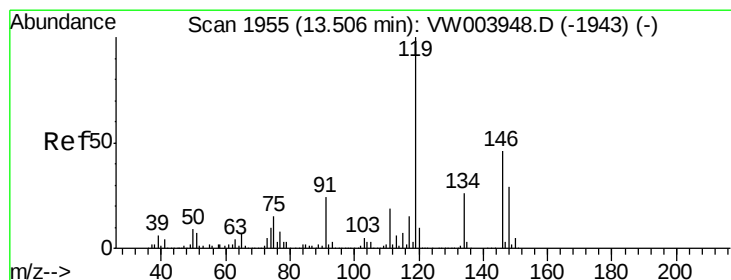
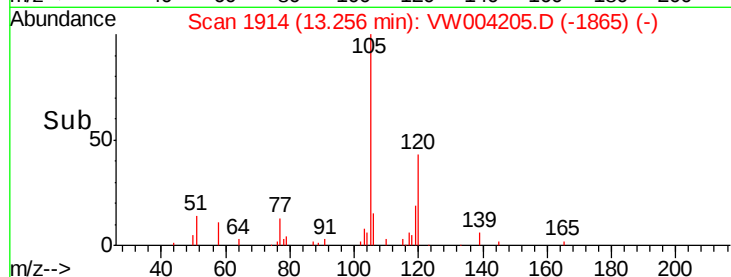
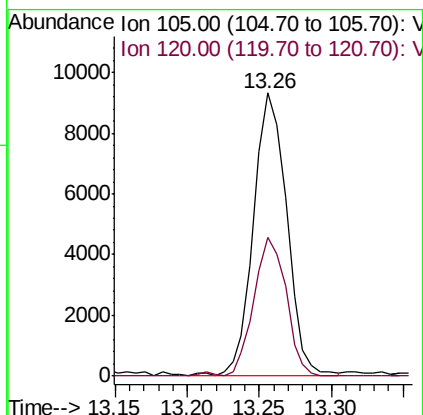
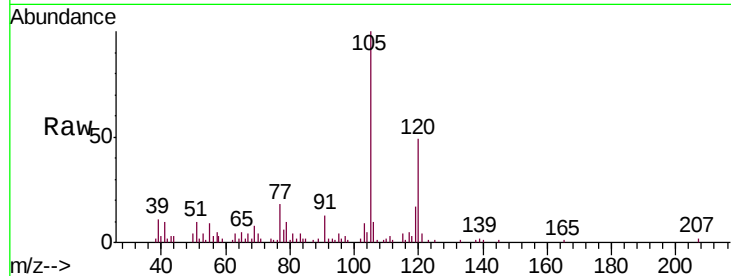




#84
 1,2,4-Trimethylbenzene
 Concen: 1.82 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

Instrument :
 MSVOA_W
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 HR-06-072418-A

Tot Ion:105 Resp: 14966
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.1 66.1



#86
 p-Isopropyltoluene
 Concen: 1.20 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004205.D
 Acq: 25 Jul 2018 21:11

Tgt Ion:119 Resp: 10495
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.3 11.8 35.3

