

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005436.D
 Acq On : 17 Sep 2018 16:20
 Operator : SY/AP
 Sample : J4940-05
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-2

Manual Integrations
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Quant Time: Sep 18 01:55:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	237815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	358761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	108852	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
35) Dibromofluoromethane	7.89	113	87623	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
50) Toluene-d8	10.33	98	379812	39.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.18%	
62) 4-Bromofluorobenzene	12.63	95	140954	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
8) Diethyl Ether	3.69	74	3159m	3.05	ug/l	Qvalue
20) Methylene Chloride	4.93	84	22868	4.06	ug/l	94
52) Toluene	10.40	92	7628	1.10	ug/l	98

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

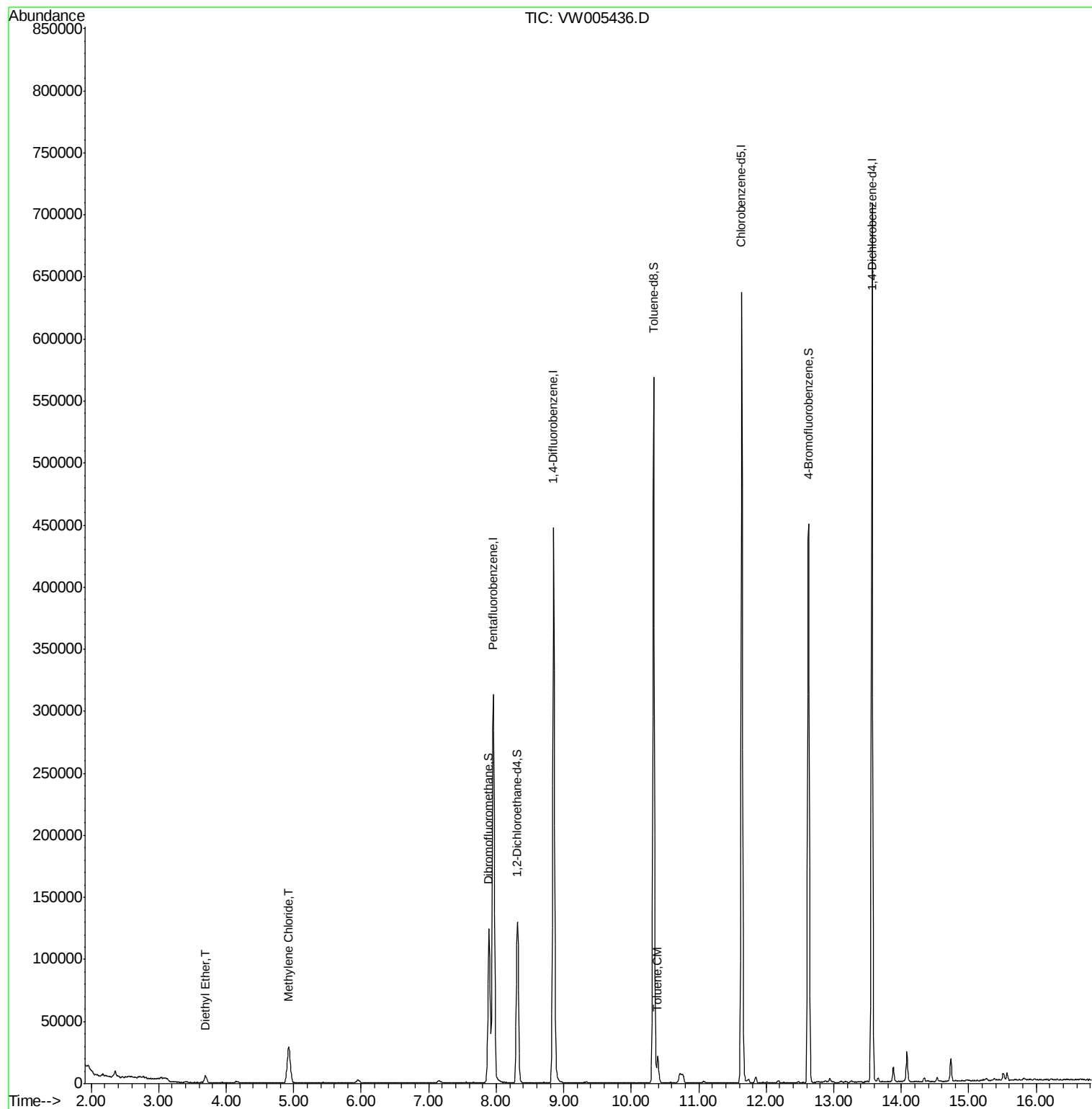
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005436.D

Acq: 17 Sep 2018 16:20

Instrument :

MSVOA_W

ClientSampled :

COMP-2

Tot Ion:168 Resp: 237815

Ion Ratio Lower Upper

168 100

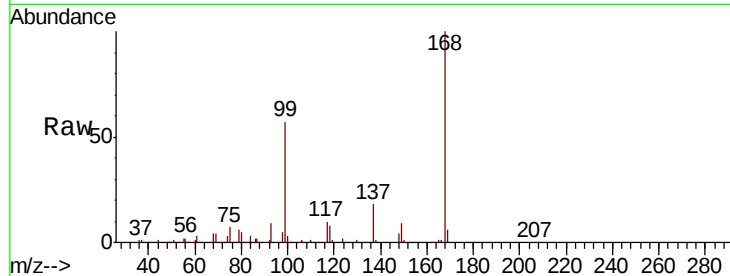
99 56.6 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

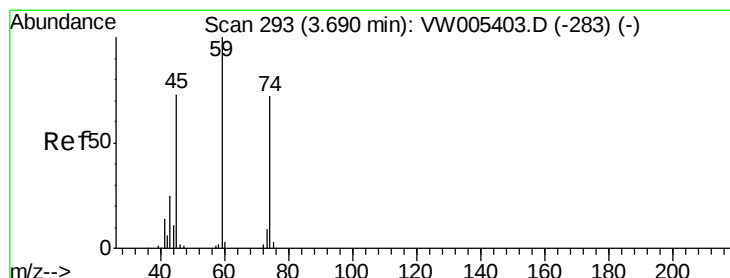
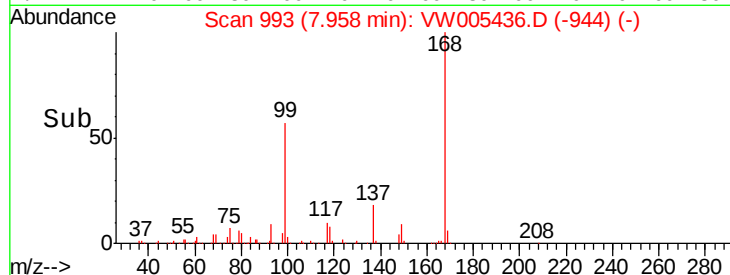
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.05 ug/l m

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005436.D

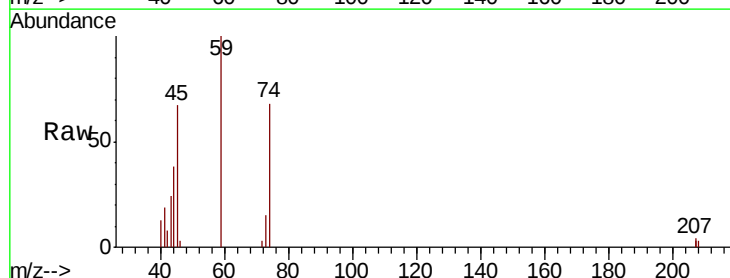
Acq: 17 Sep 2018 16:20

Tgt Ion: 74 Resp: 3159

Ion Ratio Lower Upper

74 100

45 105.0 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

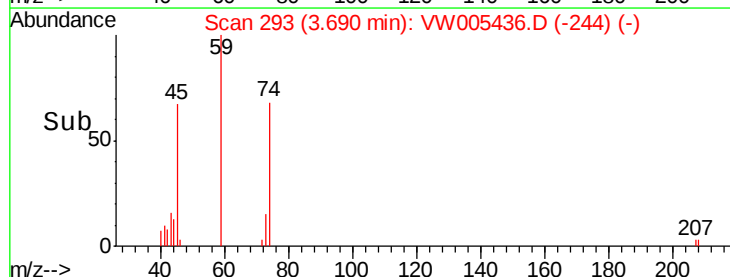
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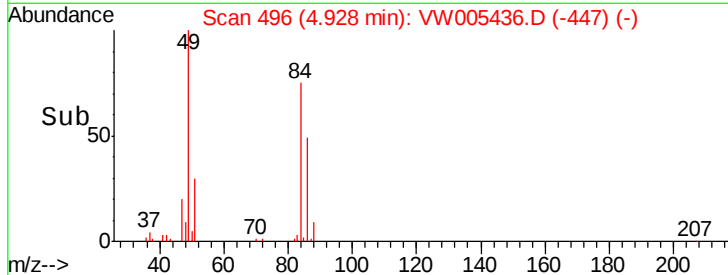
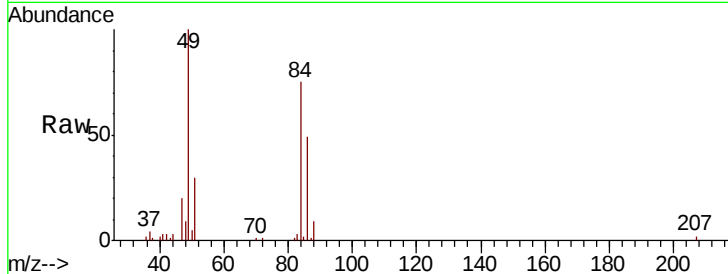
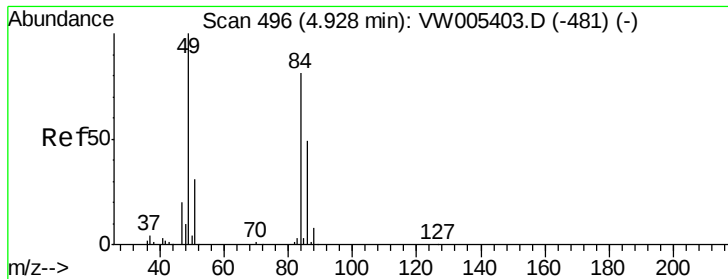
1000

500

0

Time-->





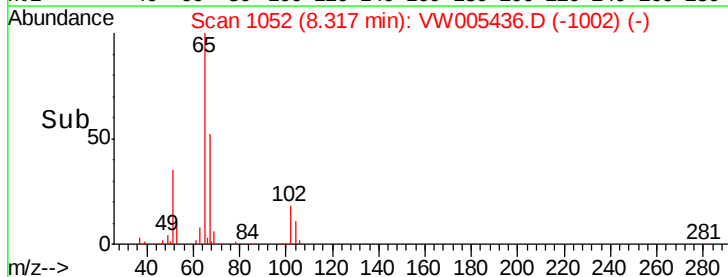
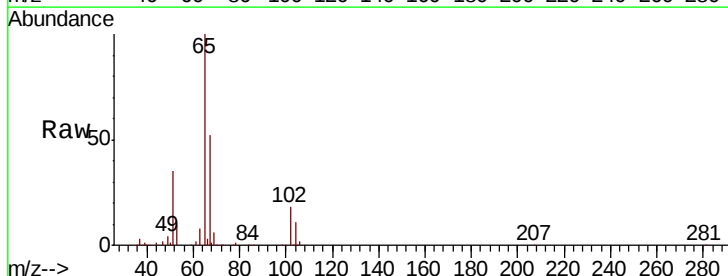
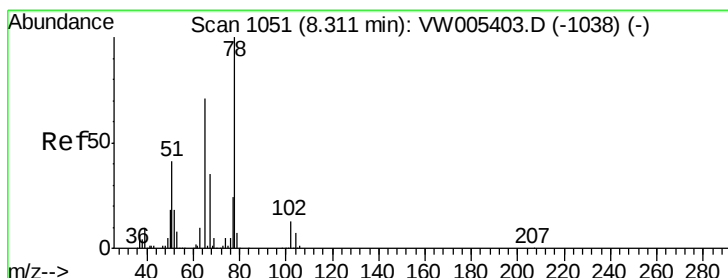
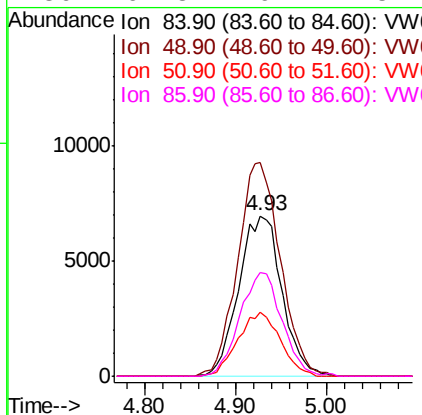
#20
Methvlene Chloride
Concen: 4.06 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005436.D
Acq: 17 Sep 2018 16:20

Tot Ion:	84	Resp:	22868
Ion	Ratio	Lower	Upper
84	100		
49	133.3	99.3	148.9
51	39.7	31.1	46.7
86	64.8	49.1	73.7

Instrument :
MSVOA_W
ClientSampleId :
COMP-2

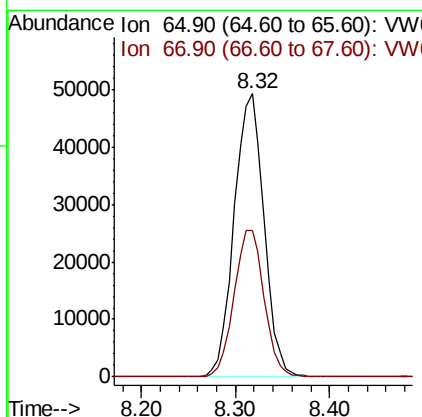
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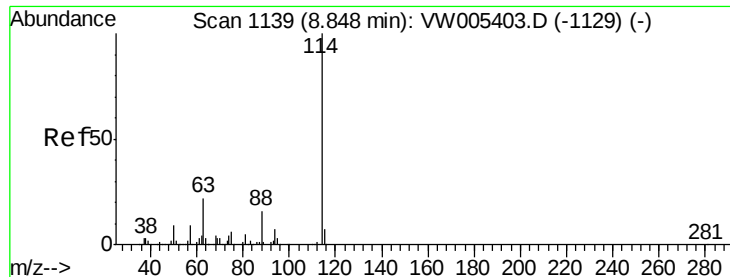
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#33
1,2-Dichloroethane-d4
Concen: 44.10 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005436.D
Acq: 17 Sep 2018 16:20

Tgt Ion:	65	Resp:	108852
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	100.6





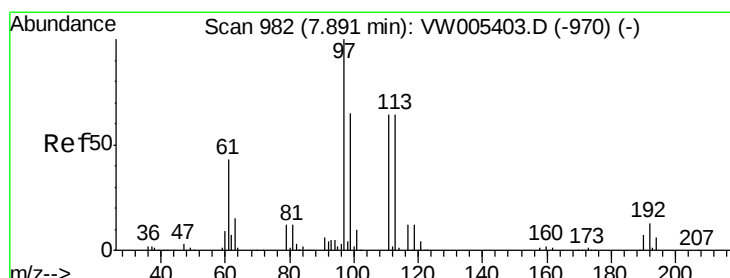
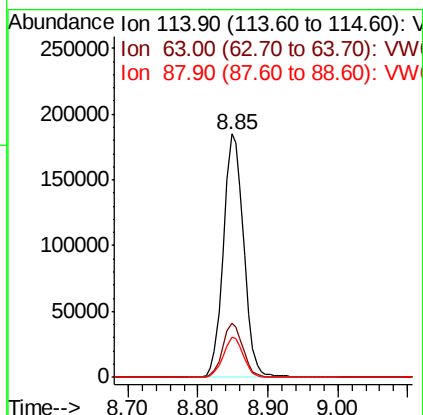
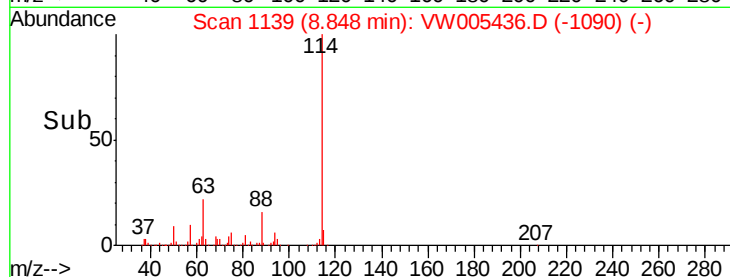
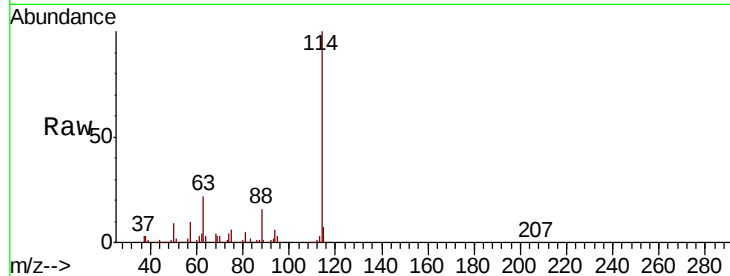
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005436.D
 Acq: 17 Sep 2018 16:20

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
114	100	373613		
63	22.3	0.0	43.4	
88	16.2	0.0	31.8	

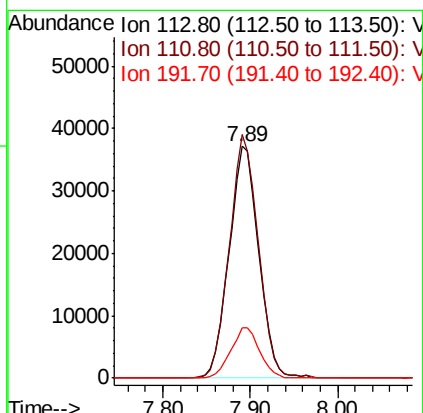
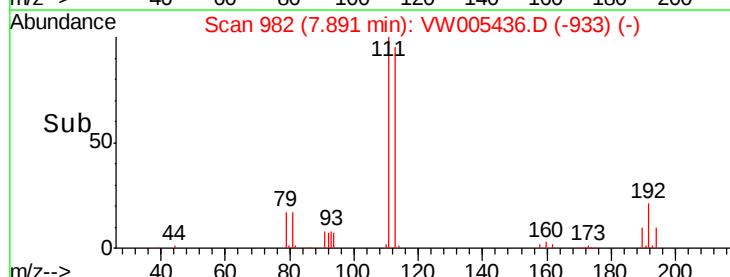
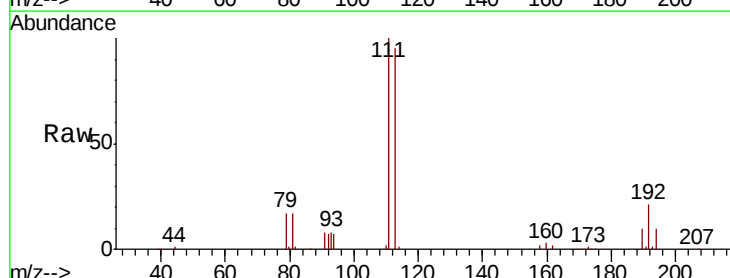
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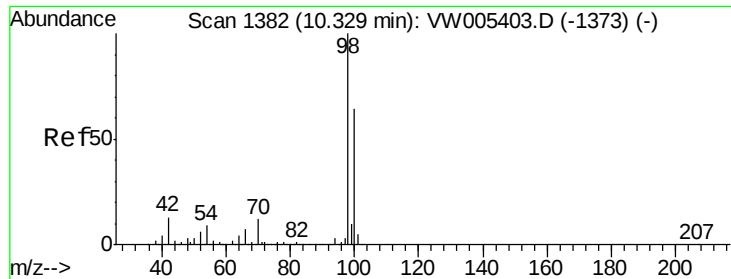
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#35
 Dibromofluoromethane
 Concen: 41.83 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005436.D
 Acq: 17 Sep 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	87623		
111	102.9	82.3	123.5	
192	21.4	16.5	24.7	





#50

Toluene-d8

Concen: 39.59 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005436.D

Acq: 17 Sep 2018 16:20

Instrument :

MSVOA_W

ClientSampleId :

COMP-2

Tot Ion: 98 Resp: 379812

Ion Ratio Lower Upper

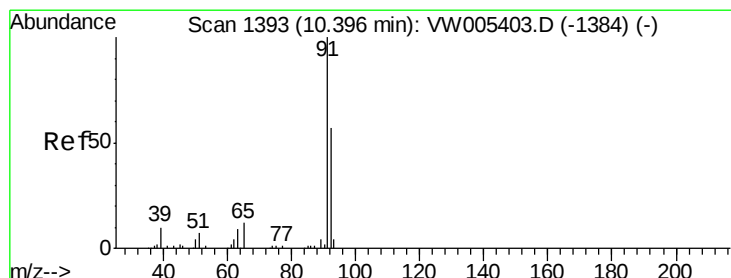
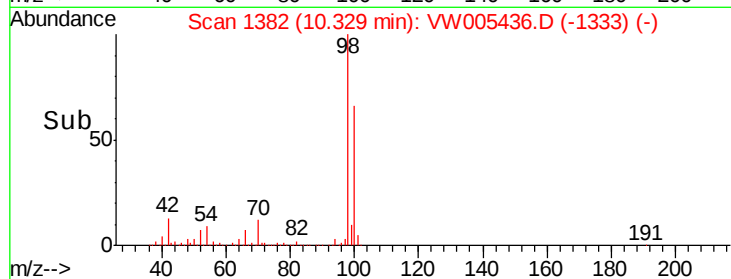
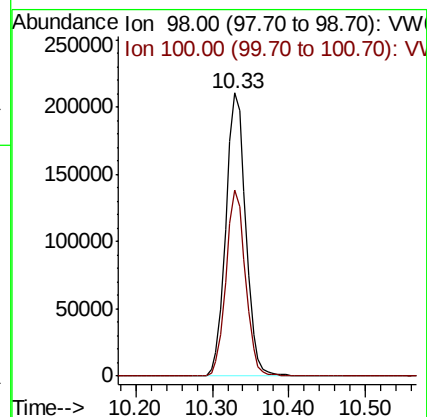
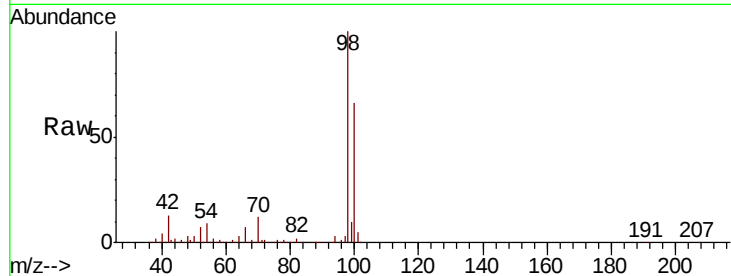
98 100

100 64.2 51.4 77.0

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#52

Toluene

Concen: 1.10 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005436.D

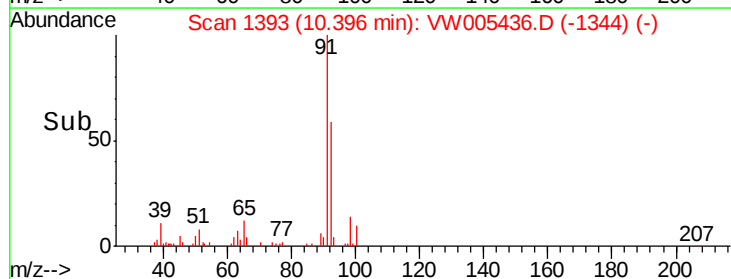
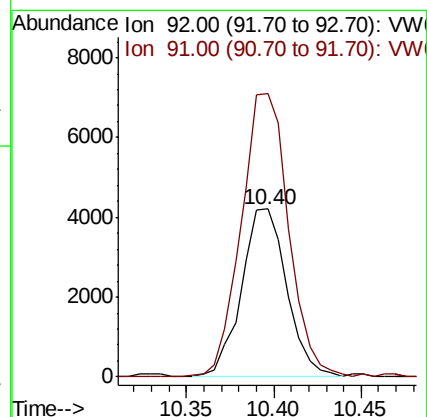
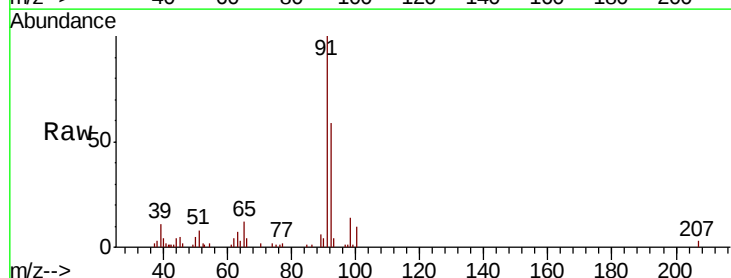
Acq: 17 Sep 2018 16:20

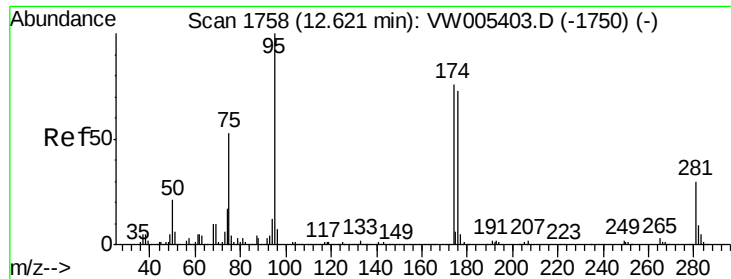
Tgt Ion: 92 Resp: 7628

Ion Ratio Lower Upper

92 100

91 176.1 139.1 208.7





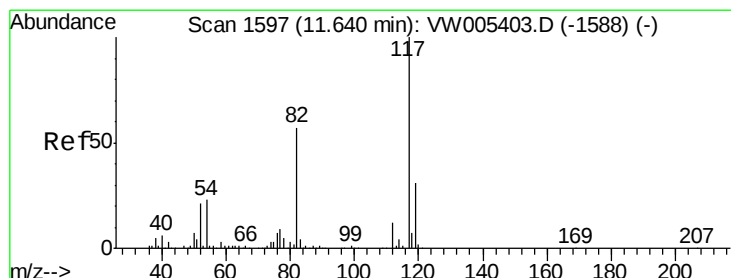
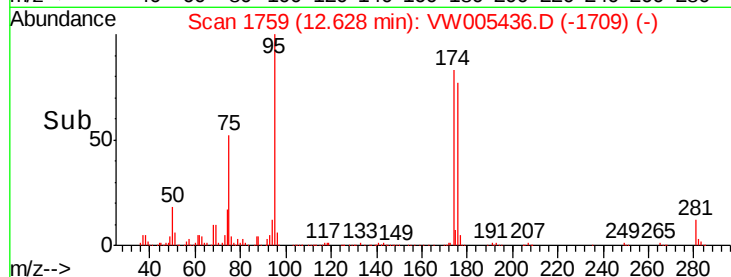
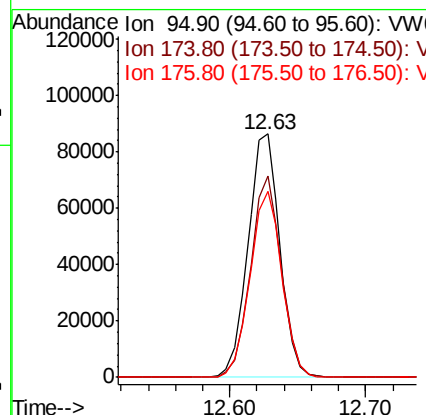
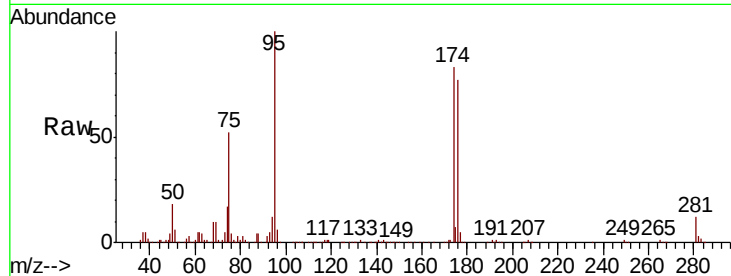
#62
 4-Bromofluorobenzene
 Concen: 40.07 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005436.D
 Acq: 17 Sep 2018 16:20

Instrument :
 MSVOA_W
 ClientSampled :
 COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	140954		
174	80.3	0.0	161.2	
176	76.6	0.0	156.6	

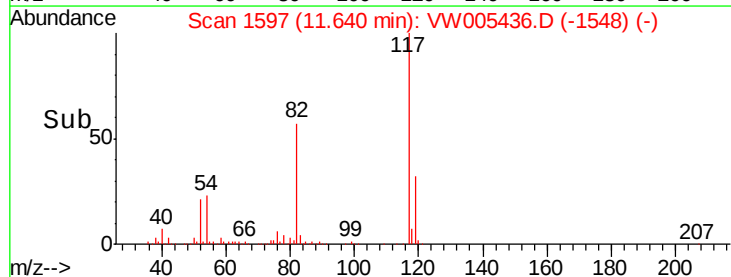
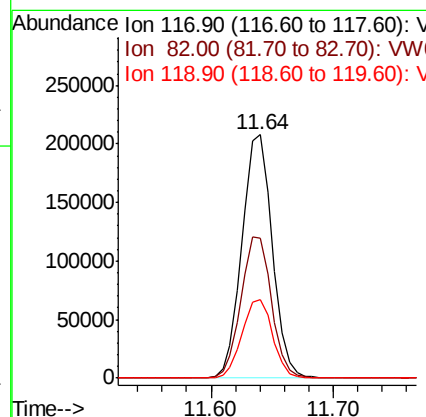
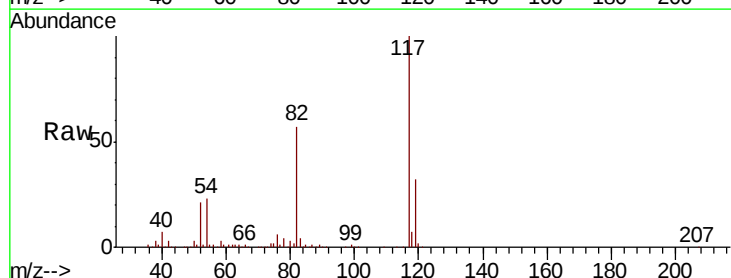
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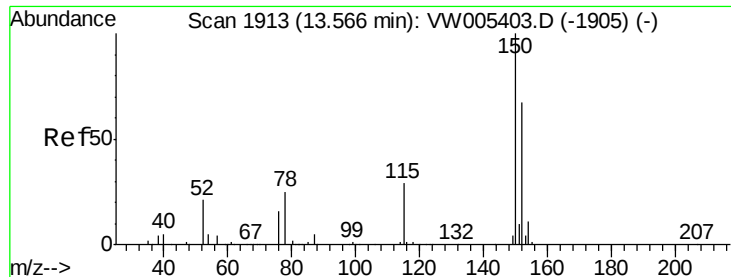
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#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.64 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VW005436.D
 Acq: 17 Sep 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358761		
82	57.4	45.9	68.9	
119	32.4	24.8	37.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005436.D

Acq: 17 Sep 2018 16:20

Instrument :

MSVOA_W

ClientSampleId :

COMP-2

Tot Ion:152 Resp: 182287

Ion Ratio Lower Upper

152 100

115 58.5 29.5 88.5

150 156.9 0.0 345.6

Manual Integrations

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