

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003988.D
 Acq On : 17 Jul 2018 16:36
 Operator : VA/AP
 Sample : J3819-01
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-A

Quant Time: Jul 18 05:15:45 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	124784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	229206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	165835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54971	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	110843	79.47	ug/l	0.00
Spiked Amount			Recovery	=	158.94%	
35) Dibromofluoromethane	7.88	113	90122	61.28	ug/l	0.00
Spiked Amount			Recovery	=	122.56%	
50) Toluene-d8	10.33	98	239756	42.02	ug/l	0.00
Spiked Amount			Recovery	=	84.04%	
62) 4-Bromofluorobenzene	12.62	95	59145	28.74	ug/l	0.00
Spiked Amount			Recovery	=	57.48%	

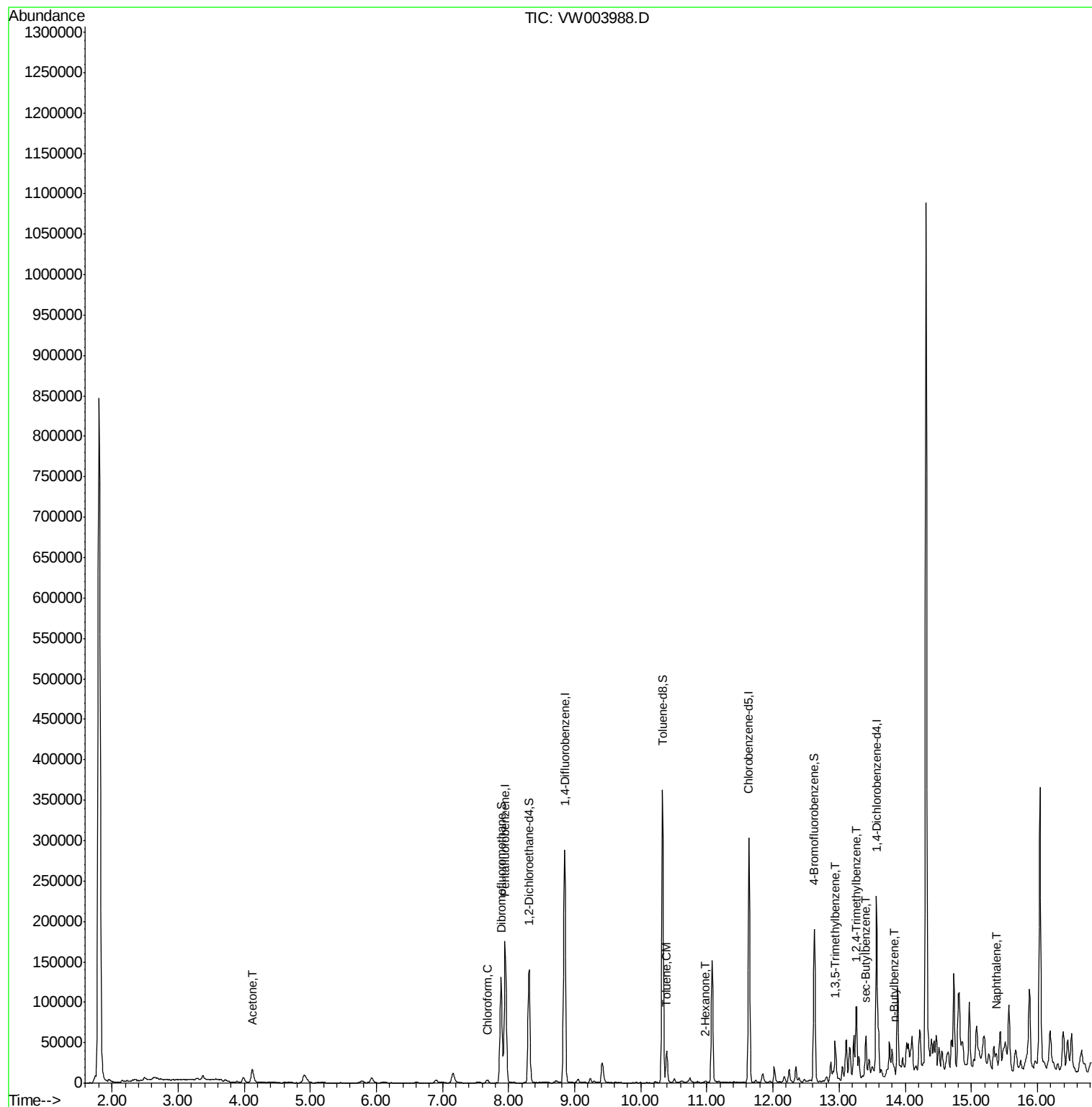
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	28591	85.30	ug/l	96
30) Chloroform	7.68	83	3069	1.25	ug/l	92
52) Toluene	10.39	92	14947	3.69	ug/l	100
59) 2-Hexanone	10.98	43	1618	2.03	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	8525	2.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	45942	13.66	ug/l	96
85) sec-Butylbenzene	13.39	105	4768	1.17	ug/l	89
89) n-Butylbenzene	13.84	91	4863	1.38	ug/l #	71
95) Naphthalene	15.38	128	13986	6.52	ug/l #	91

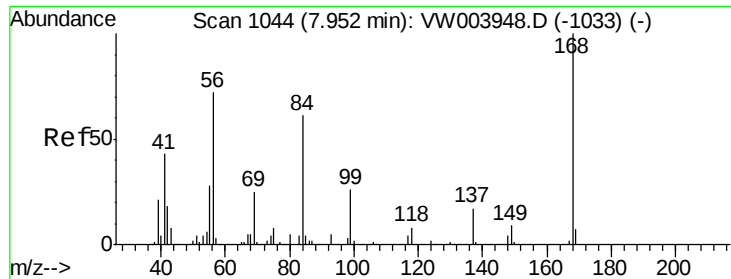
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 05:15:45 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: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

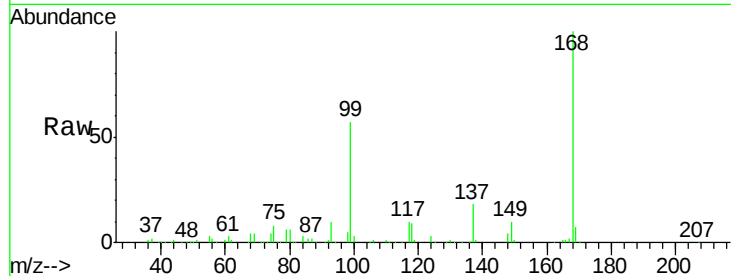
AU-05-071318-A

Tot Ion:168 Resp: 124784

Ion Ratio Lower Upper

168 100

99 57.4 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

60000

50000

40000

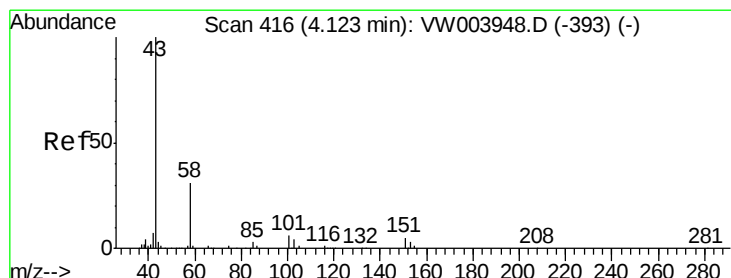
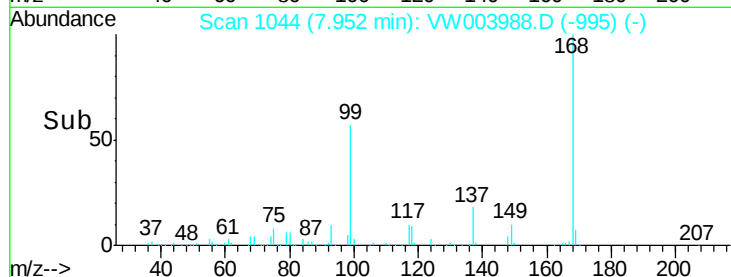
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 85.30 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW003988.D

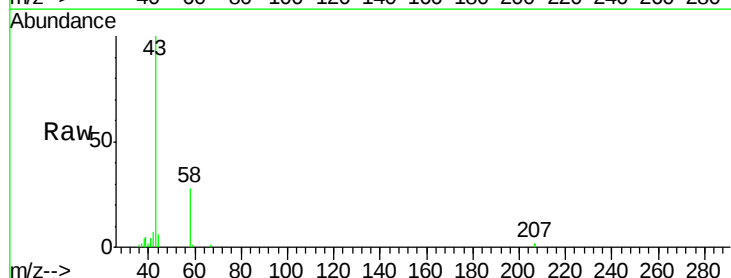
Acq: 17 Jul 2018 16:36

Tgt Ion: 43 Resp: 28591

Ion Ratio Lower Upper

43 100

58 28.2 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

12000

10000

8000

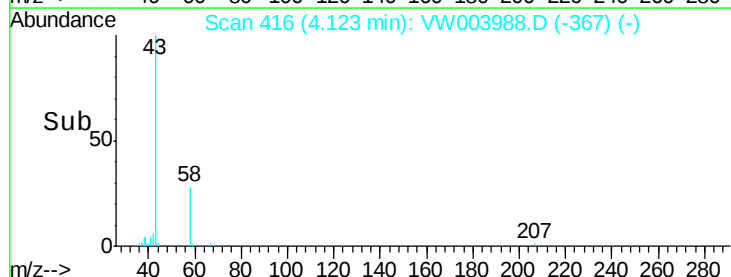
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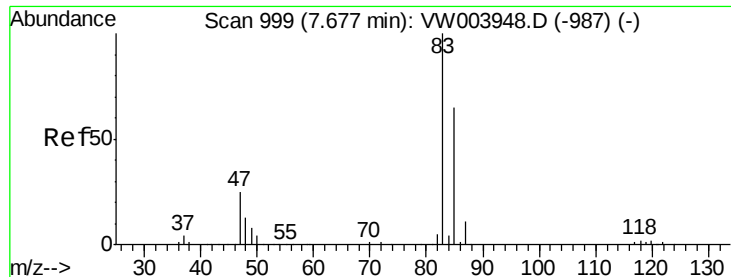
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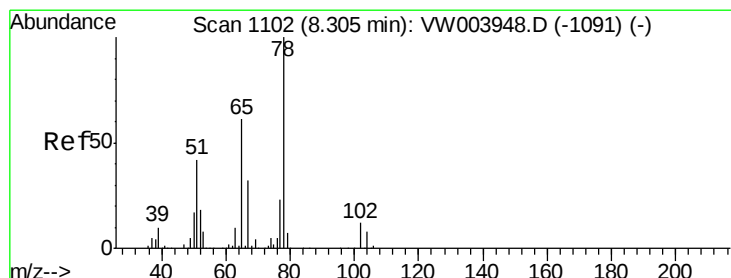
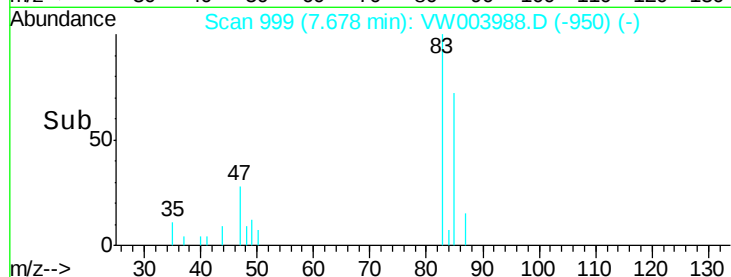
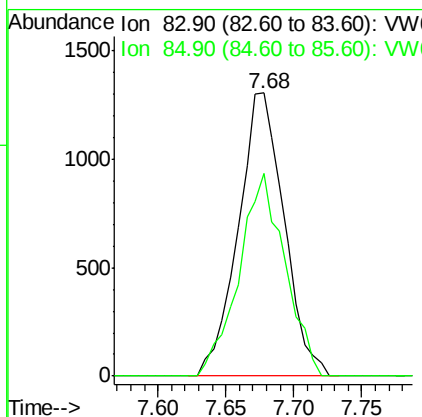
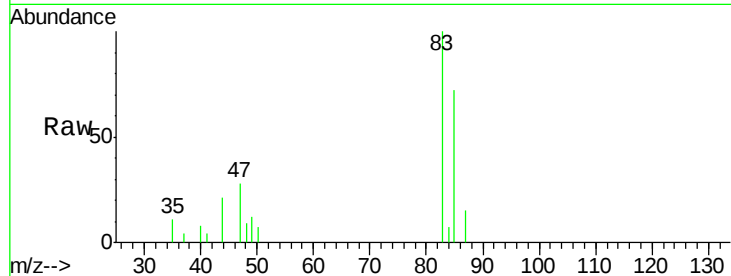




#30
Chloroform
Concen: 1.25 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

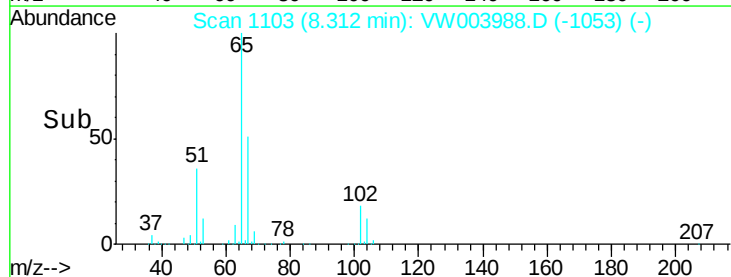
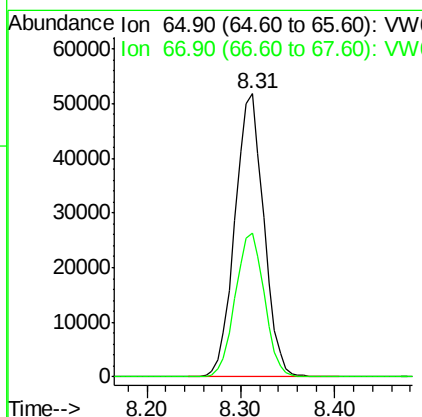
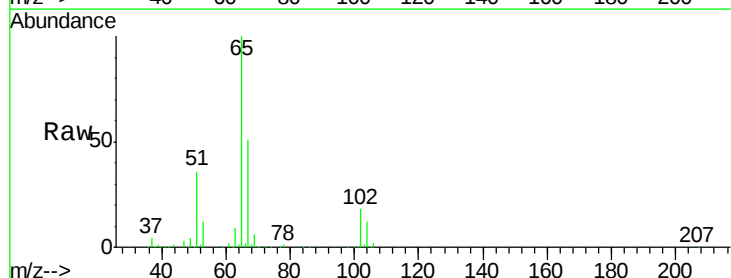
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-A

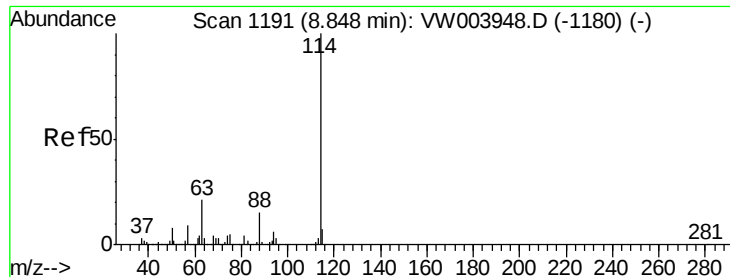
Tot Ion: 83 Resp: 3069
Ion Ratio Lower Upper
83 100
85 71.7 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 79.47 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

Tgt Ion: 65 Resp: 110843
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

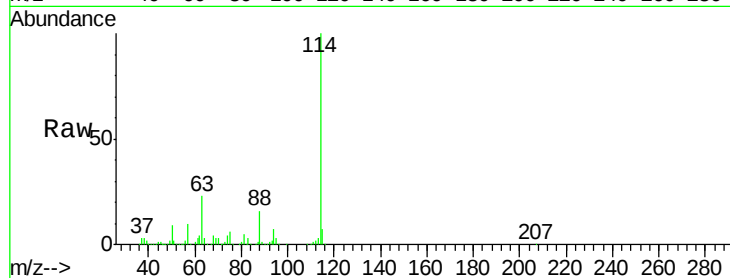




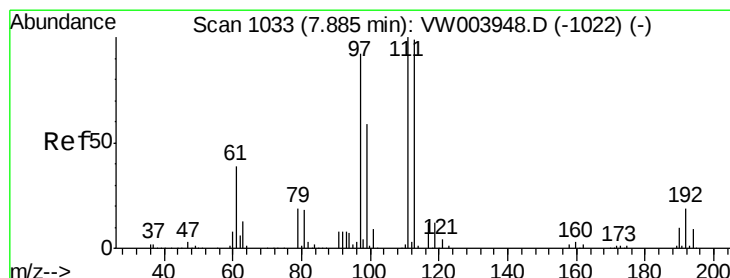
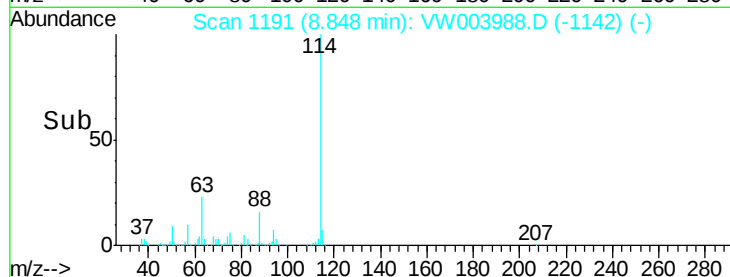
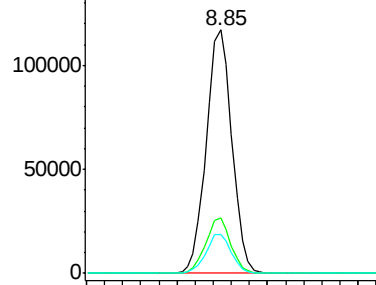
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.8
88	15.9	0.0	30.4

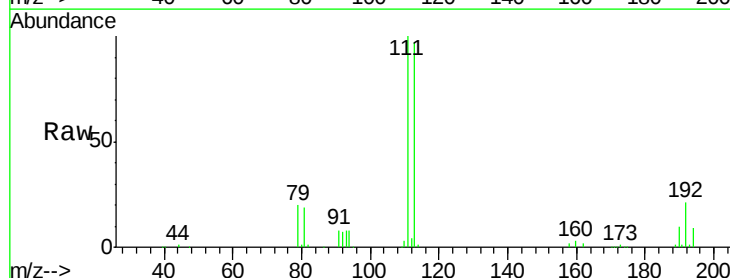


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

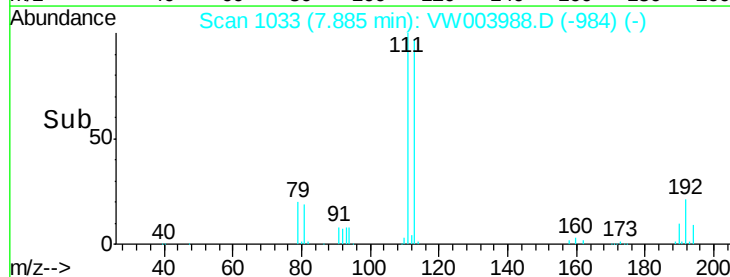
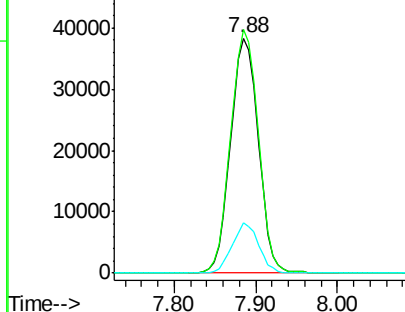


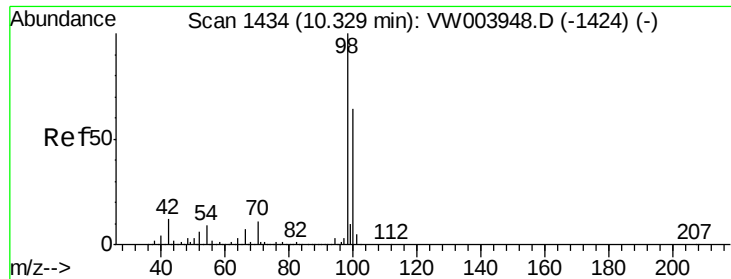
#35
Dibromofluoromethane
Concen: 61.28 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	20.4	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: 42.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

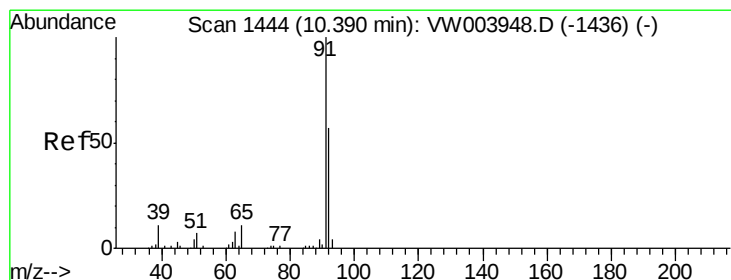
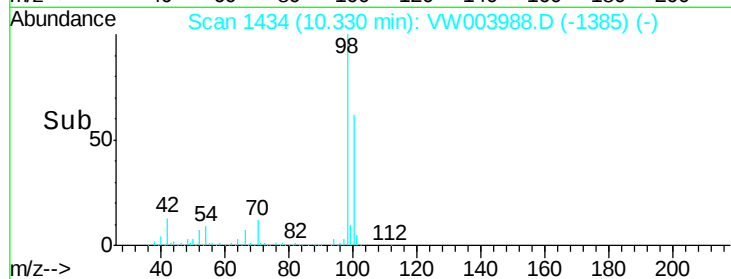
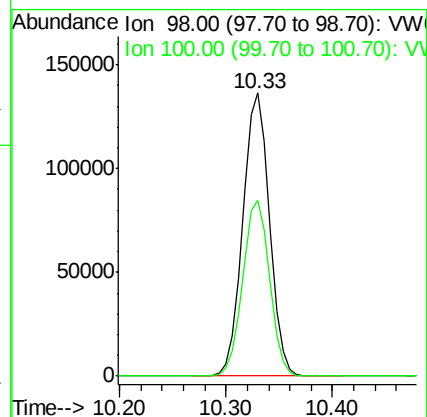
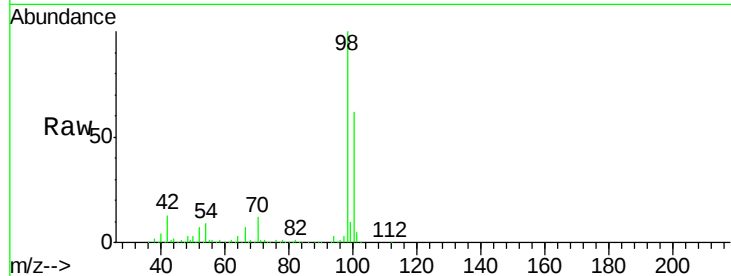
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Tot Ion: 98 Resp: 239756

Ion Ratio Lower Upper

98 100

100 62.5 51.2 76.8



#52

Toluene

Concen: 3.69 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003988.D

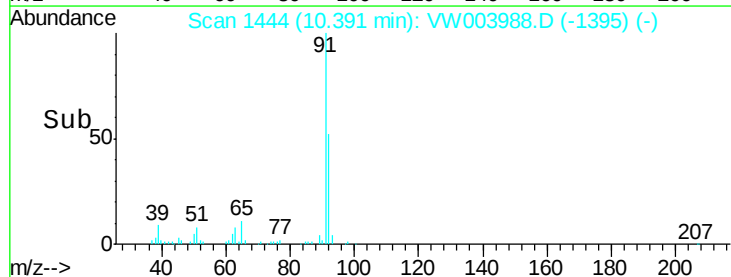
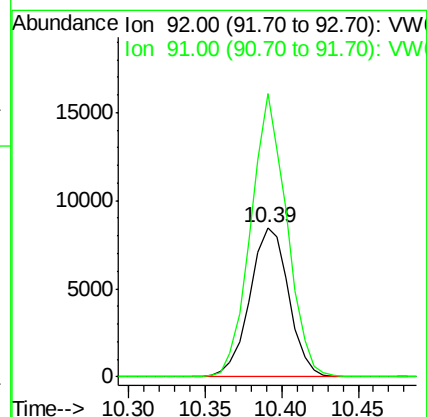
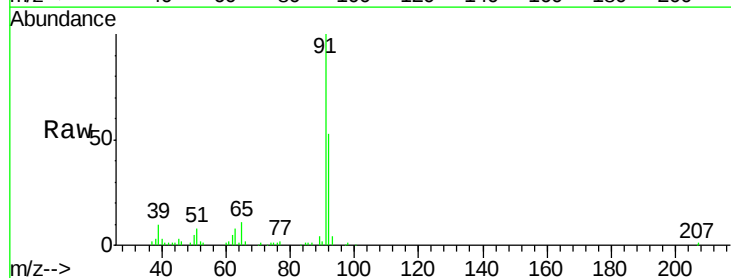
Acq: 17 Jul 2018 16:36

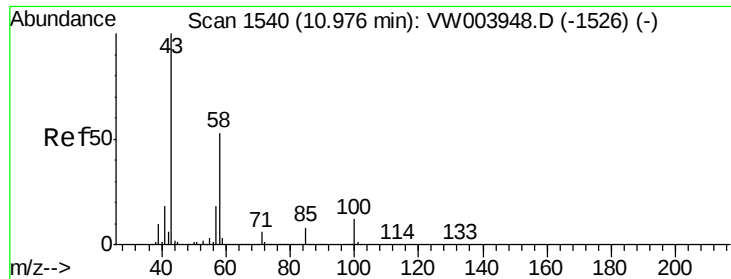
Tgt Ion: 92 Resp: 14947

Ion Ratio Lower Upper

92 100

91 175.1 139.6 209.4

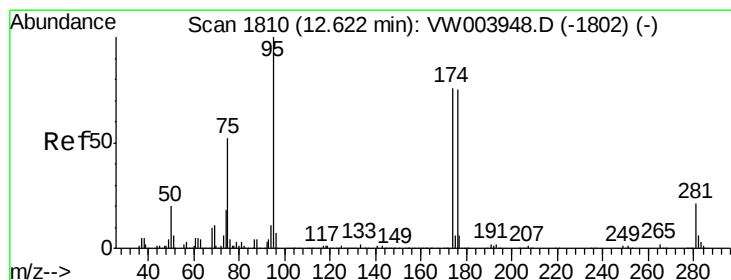
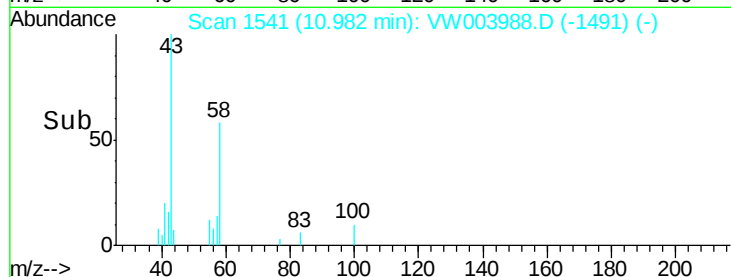
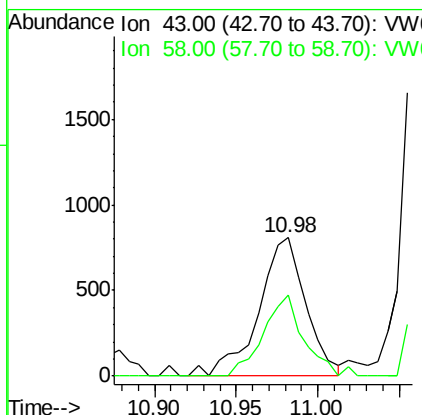
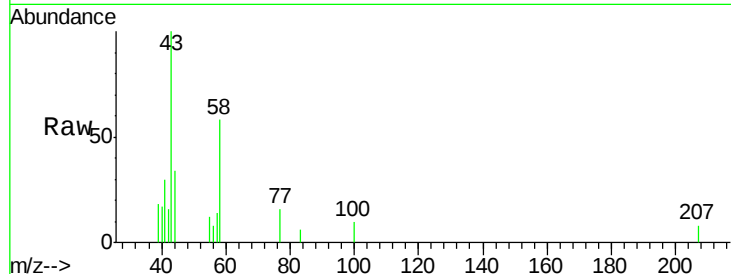




#59
2-Hexanone
Concen: 2.03 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

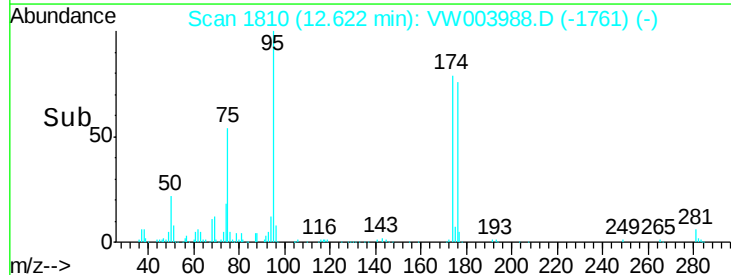
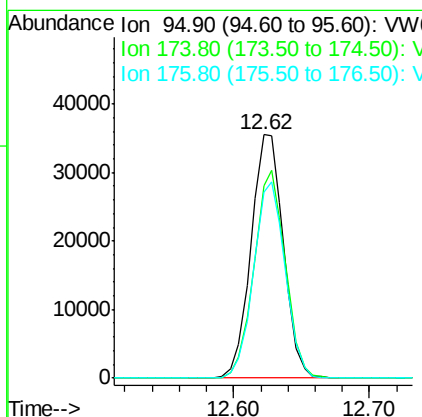
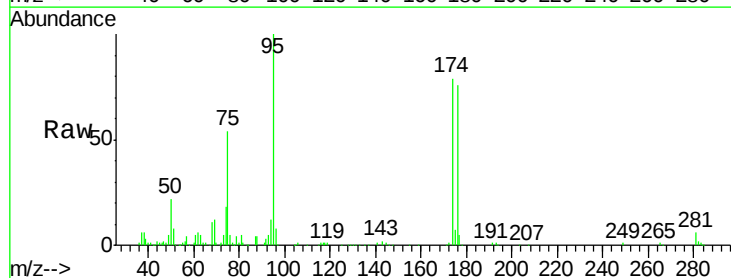
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AU-05-071318-A

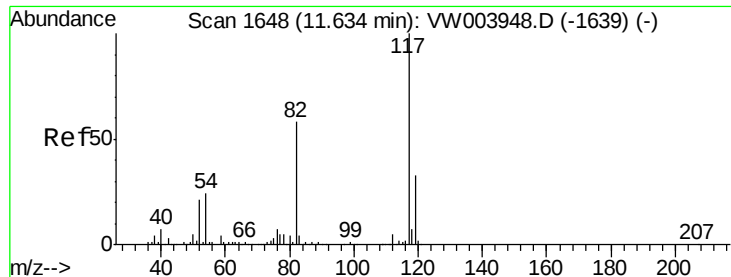
Tot Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 50.8 26.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.74 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

Tgt Ion: 95 Resp: 59145
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.2
176 78.9 0.0 155.8

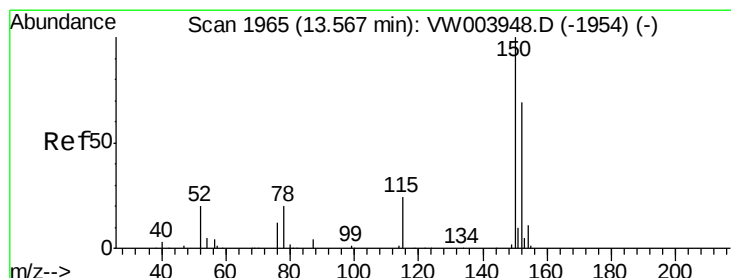
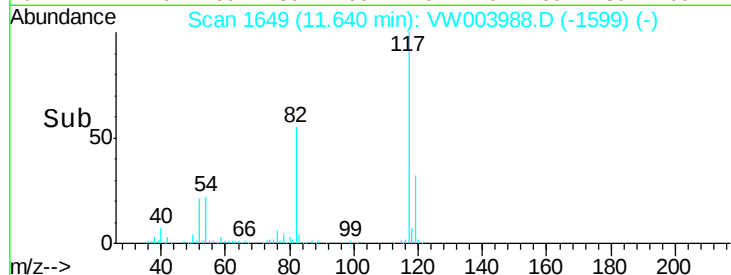
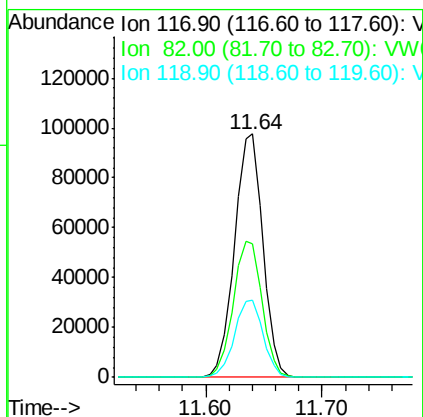
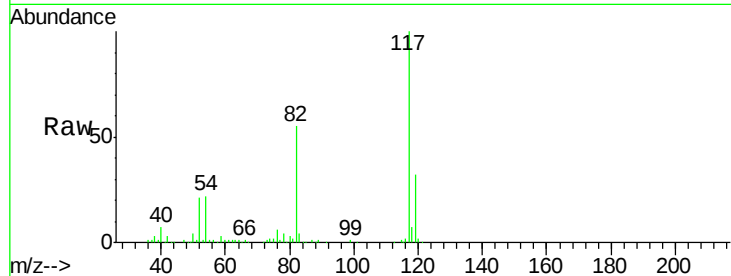




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

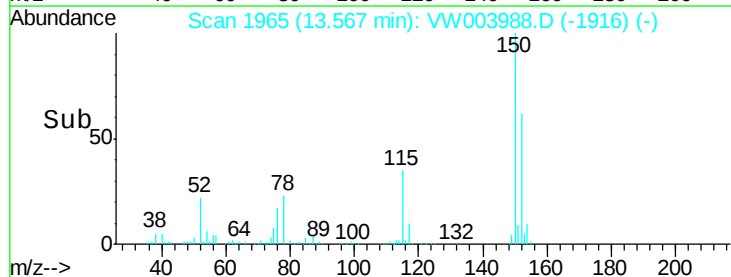
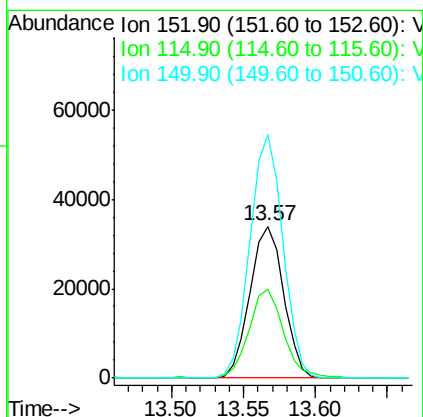
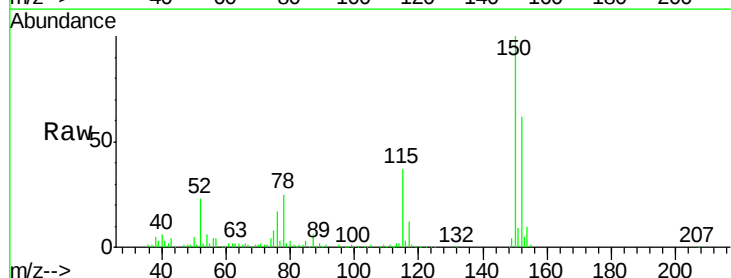
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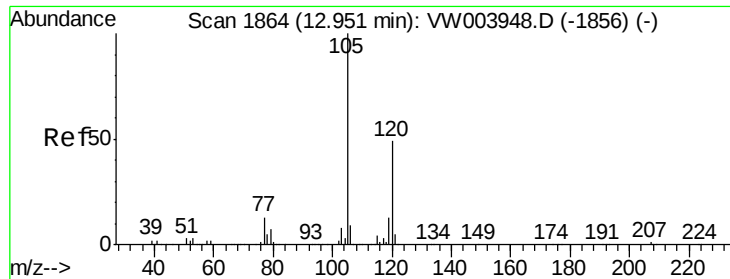
Tot Ion:117 Resp: 165835
Ion Ratio Lower Upper
117 100
82 54.9 46.5 69.7
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003988.D
Acq: 17 Jul 2018 16:36

Tgt Ion:152 Resp: 54971
Ion Ratio Lower Upper
152 100
115 60.3 29.2 87.6
150 156.3 0.0 345.2

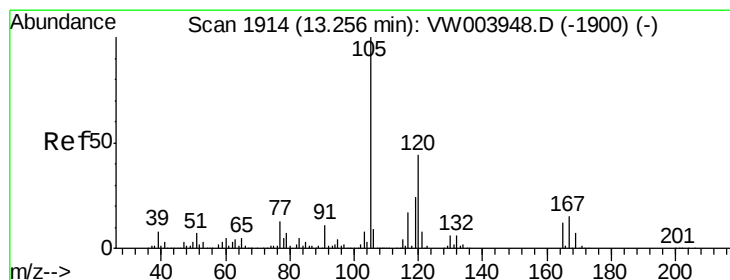
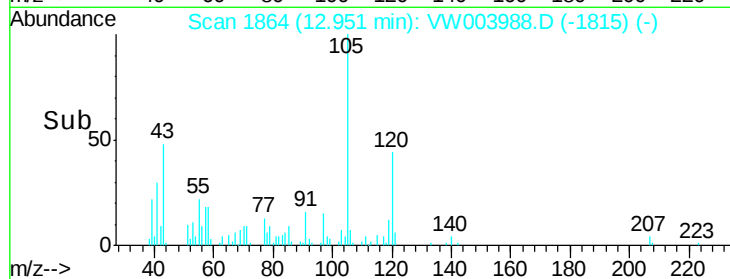
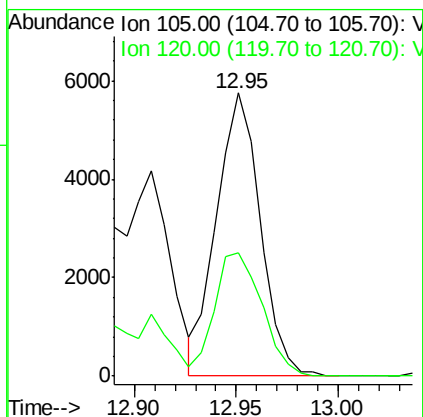
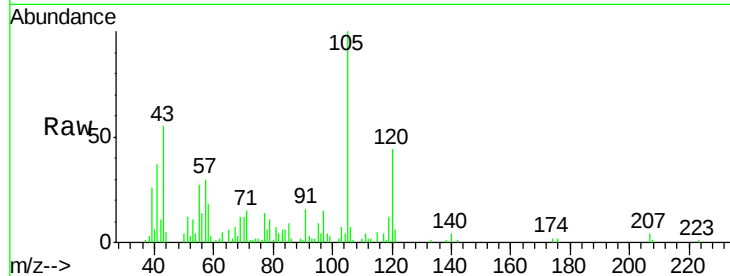




#80
 1,3,5-Trimethylbenzene
 Concen: 2.61 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003988.D
 Acq: 17 Jul 2018 16:36

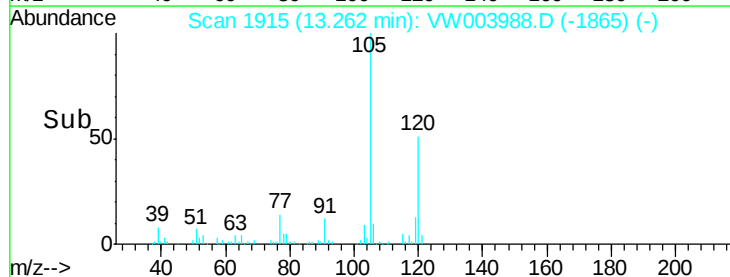
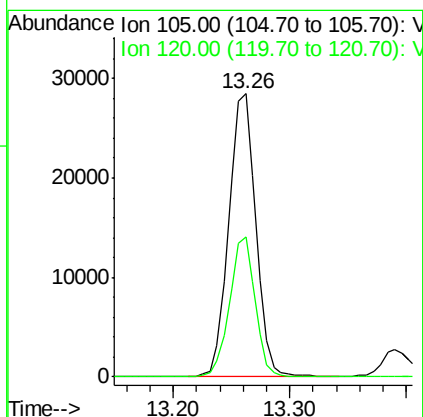
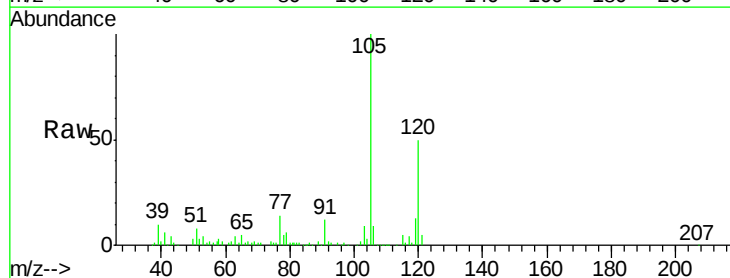
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 MSVOA_W
 ClientSampleId :
 AU-05-071318-A

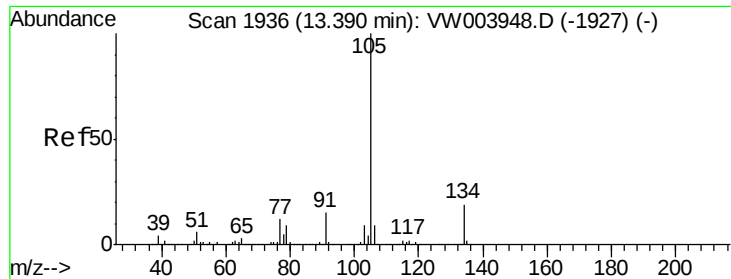
Tot Ion:105 Resp: 8525
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 13.66 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW003988.D
 Acq: 17 Jul 2018 16:36

Tgt Ion:105 Resp: 45942
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.1 66.1

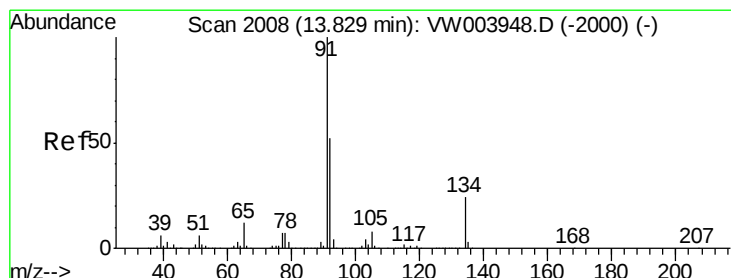
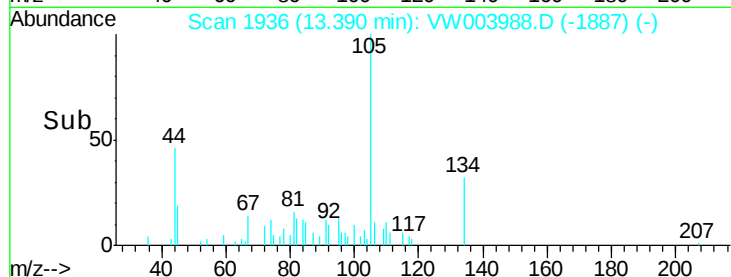
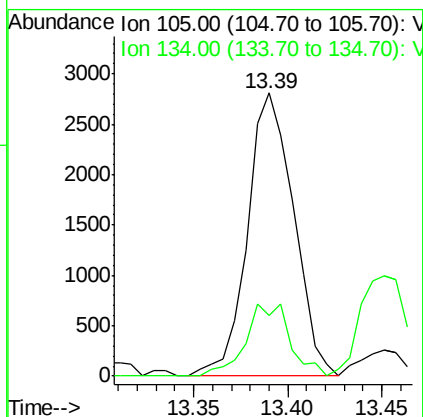
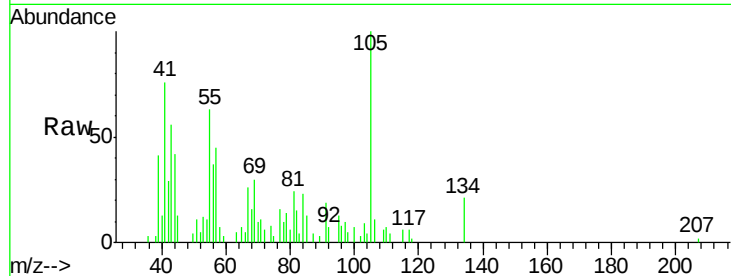




#85
 sec-Butylbenzene
 Concen: 1.17 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003988.D
 Acq: 17 Jul 2018 16:36

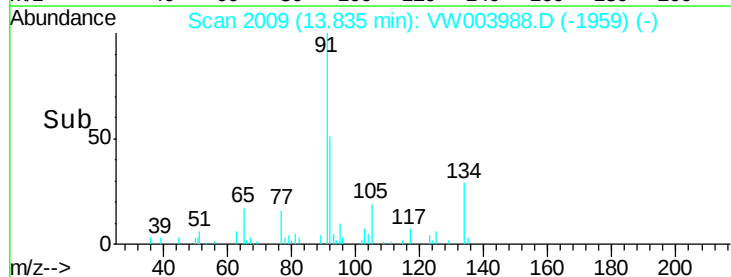
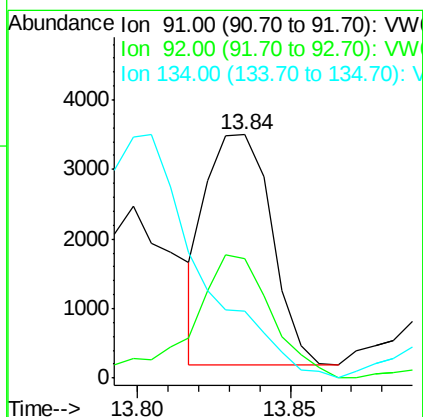
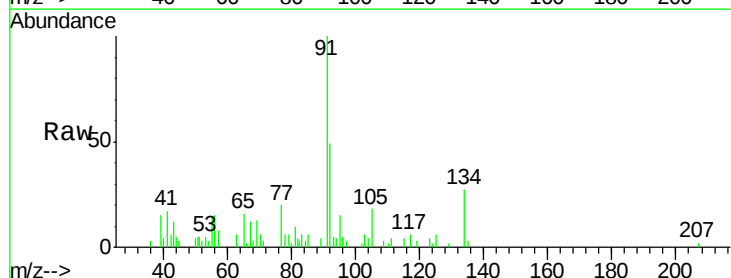
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-A

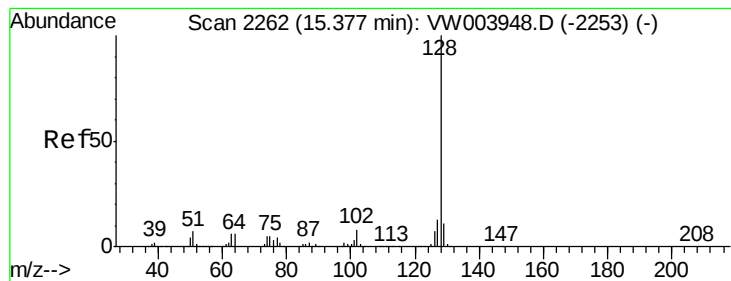
Tot Ion:105 Resp: 4768
 Ion Ratio Lower Upper
 105 100
 134 24.5 9.8 29.4



#89
 n-Butylbenzene
 Concen: 1.38 ug/l
 RT: 13.84 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: VW003988.D
 Acq: 17 Jul 2018 16:36

Tgt Ion: 91 Resp: 4863
 Ion Ratio Lower Upper
 91 100
 92 66.0 26.1 78.3
 134 0.0 12.4 37.4#





#95

Naphthalene

Concen: 6.52 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW003988.D

Acq: 17 Jul 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-A

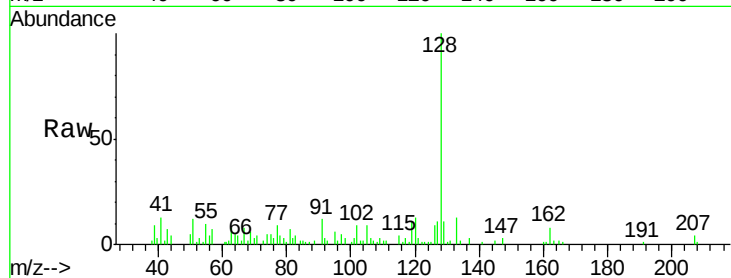
Tot Ion:128 Resp: 13986

Ion Ratio Lower Upper

128 100

127 17.4 10.7 16.1#

129 14.2 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

