

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008029.D
 Acq On : 03 Jan 2019 18:58
 Operator : SY/AP
 Sample : K1002-07
 Misc : 7.21G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-010219-D

Quant Time: Jan 04 04:12:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

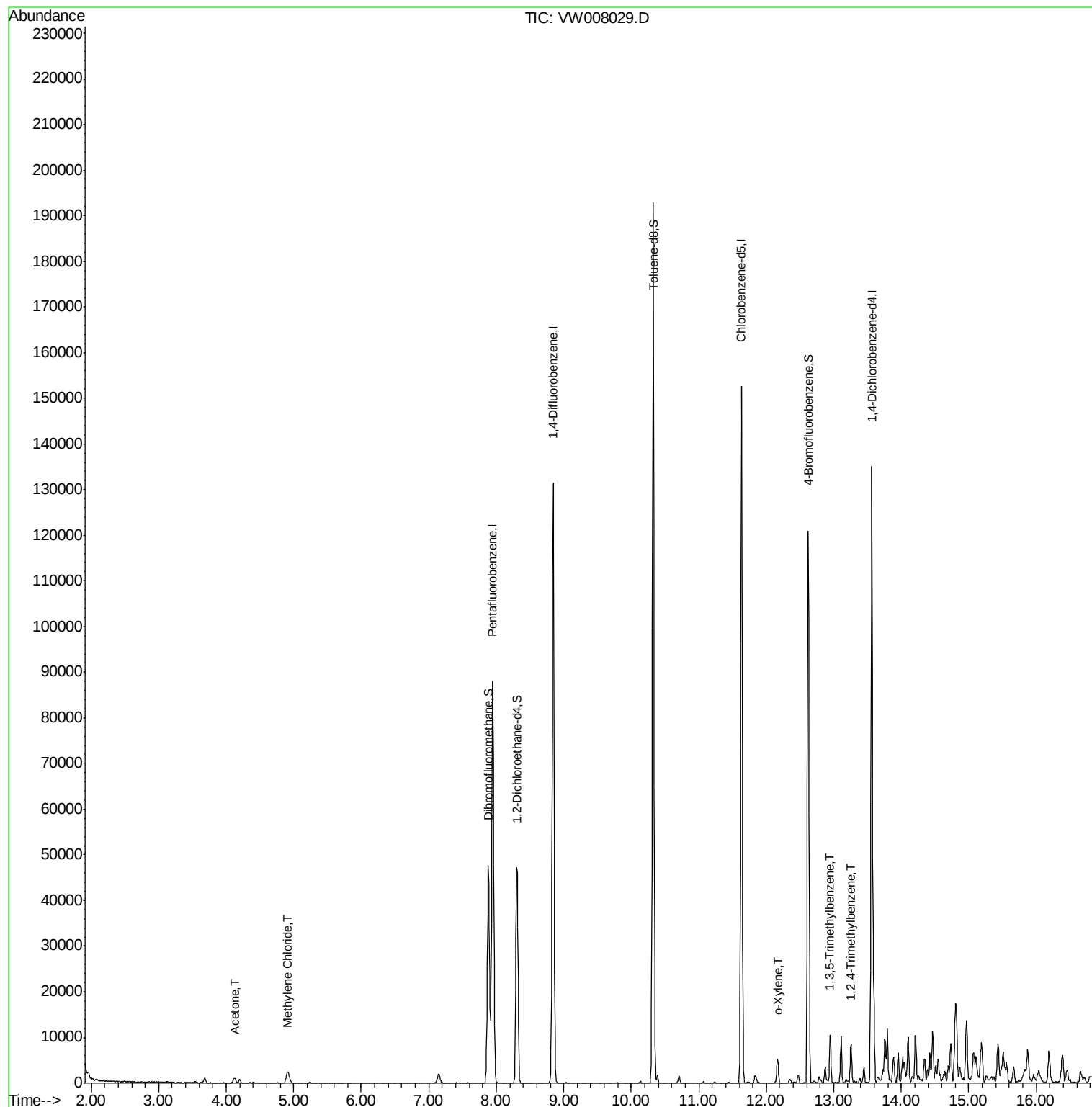
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40714	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
35) Dibromofluoromethane	7.88	113	34241	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.32	98	125825	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.62	95	39889	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
Target Compounds						
16) Acetone	4.13	43	2304	21.383	ug/l #	84
20) Methylene Chloride	4.90	84	2319	1.169	ug/l #	85
69) o-Xylene	12.17	106	1550	1.339	ug/l	92
80) 1,3,5-Trimethylbenzene	12.95	105	5609	2.353	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	4728	1.958	ug/l	93

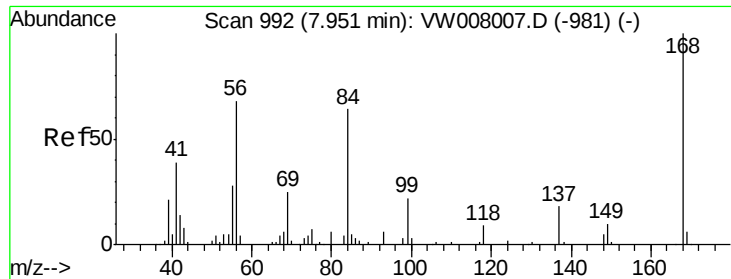
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010319\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008029.D

Acq: 03 Jan 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

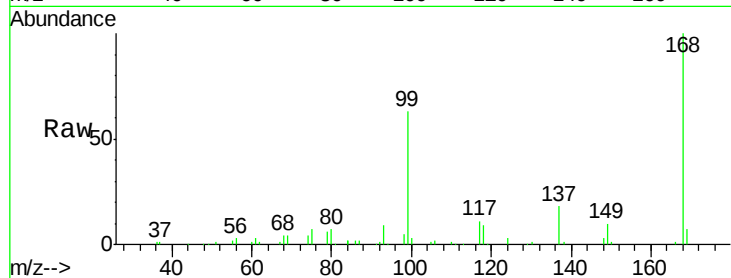
AU-05-010219-D

Tot Ion:168 Resp: 62932

Ion Ratio Lower Upper

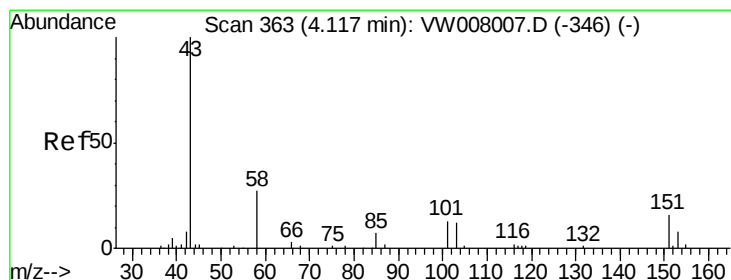
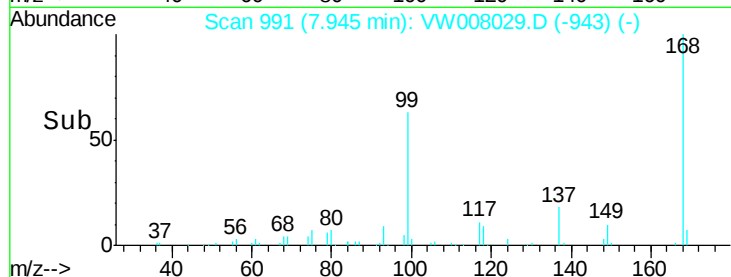
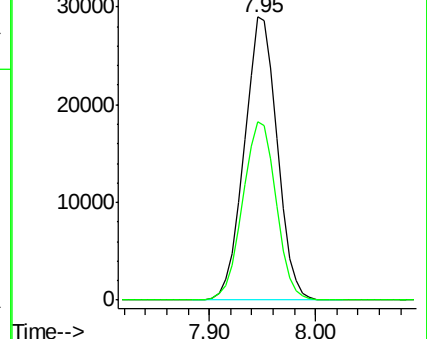
168 100

99 63.2 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.383 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008029.D

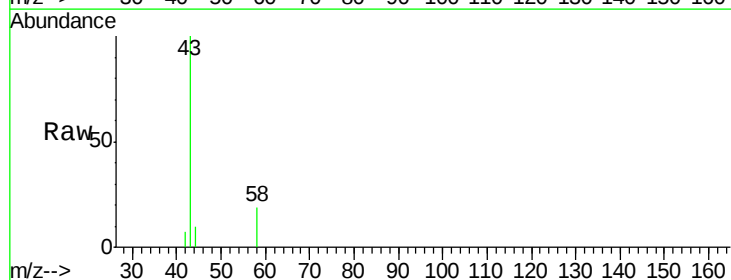
Acq: 03 Jan 2019 18:58

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

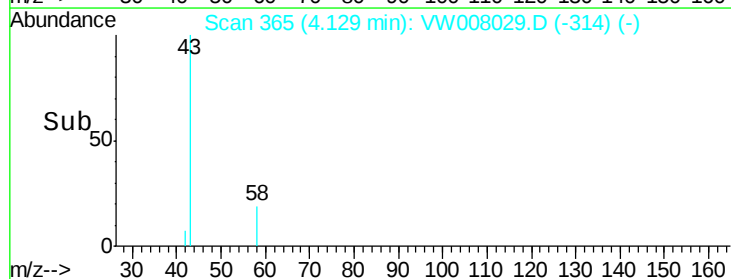
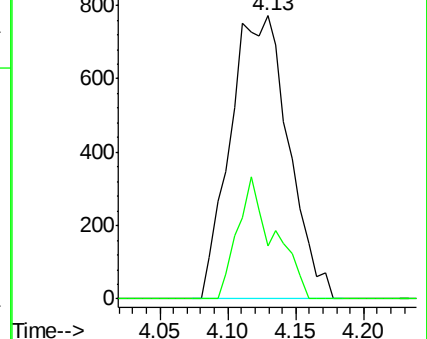
43 100

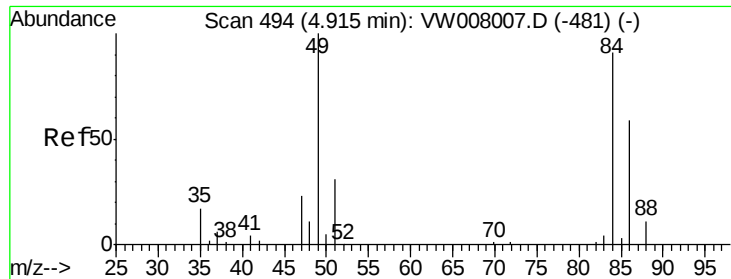
58 18.7 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

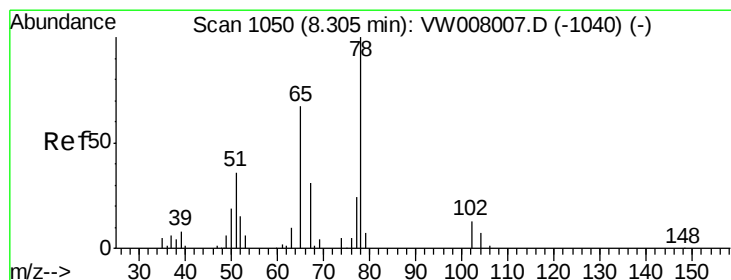
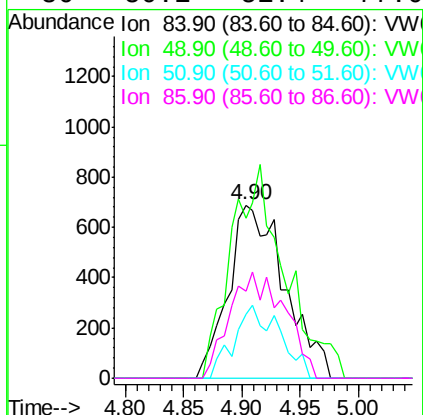
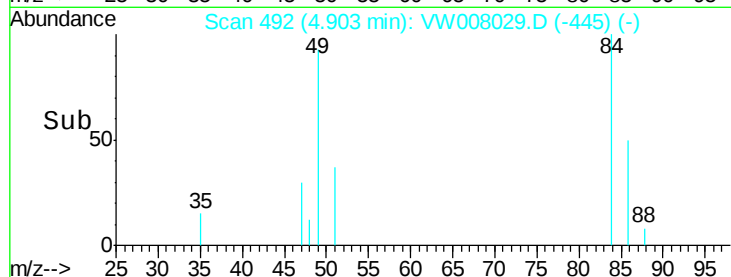
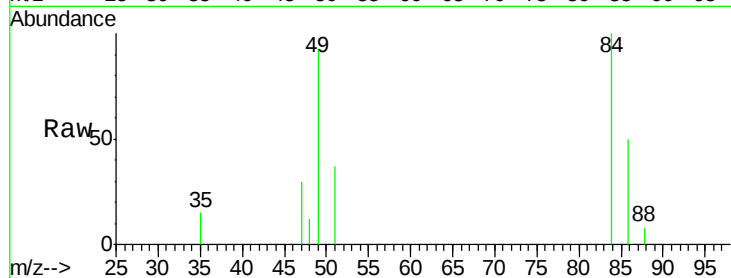




#20
Methvlene Chloride
Concen: 1.169 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

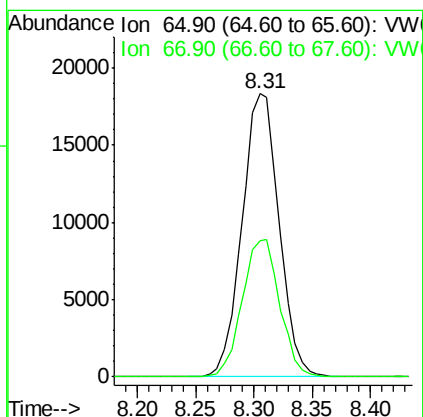
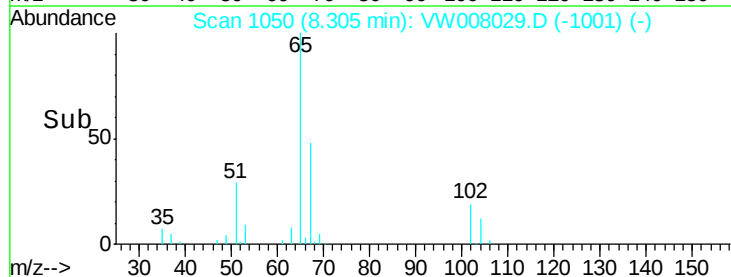
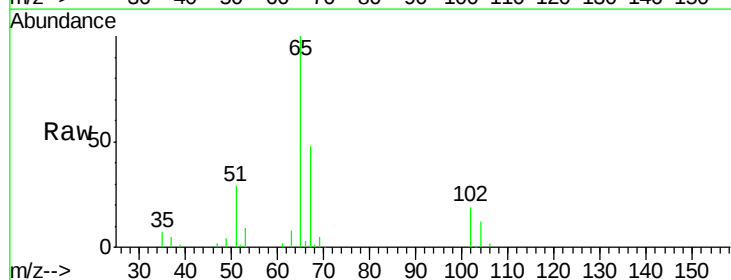
Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-D

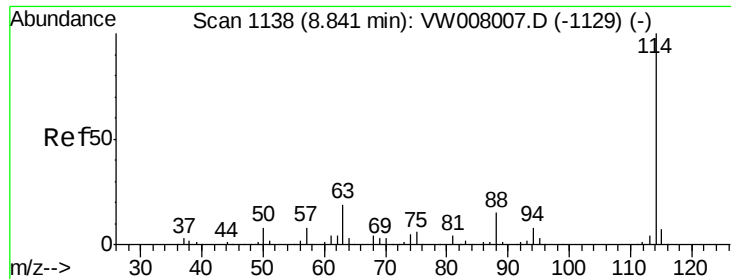
Tot Ion: 84 Resp: 2319
Ion Ratio Lower Upper
84 100
49 92.6 87.7 131.5
51 36.6 27.3 40.9
86 50.1 51.4 77.0#



#33
1,2-Dichloroethane-d4
Concen: 58.492 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

Tgt Ion: 65 Resp: 40714
Ion Ratio Lower Upper
65 100
67 49.0 0.0 94.8

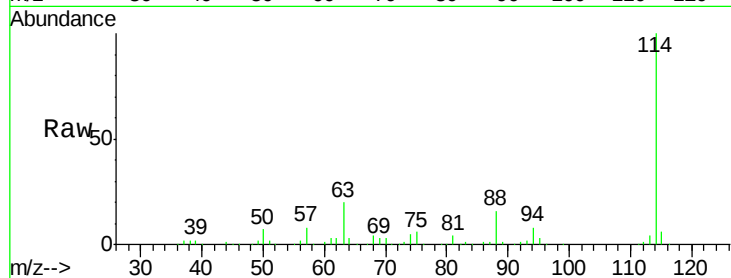




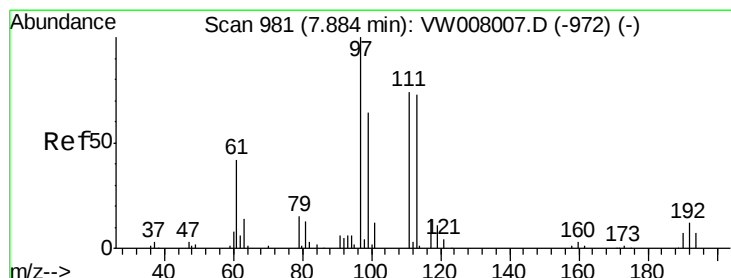
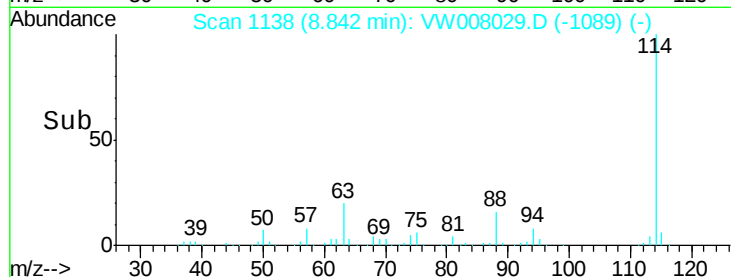
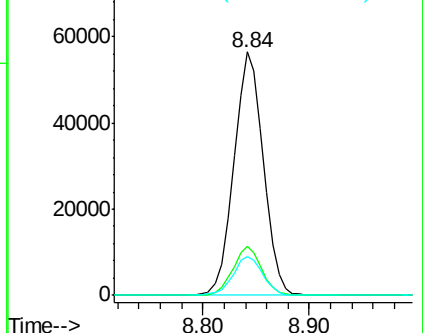
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-D

Tot Ion:114 Resp: 109142
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.8
88 16.1 0.0 31.0

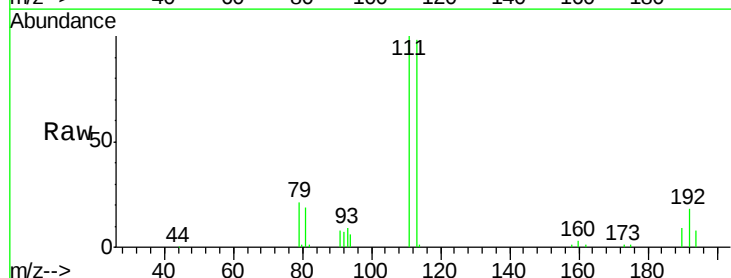


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

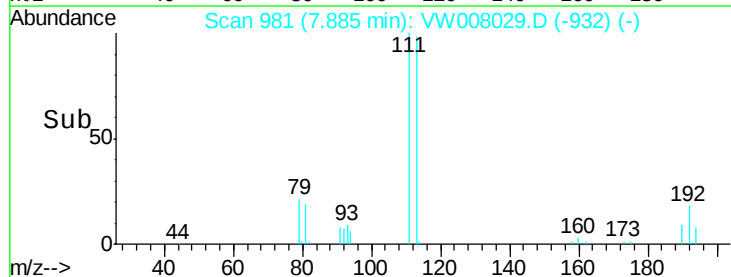
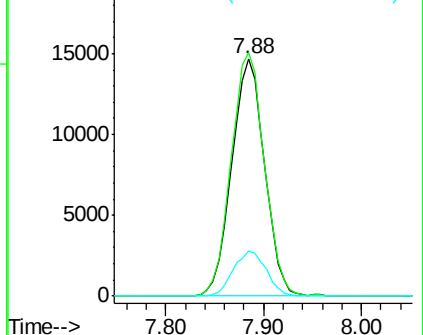


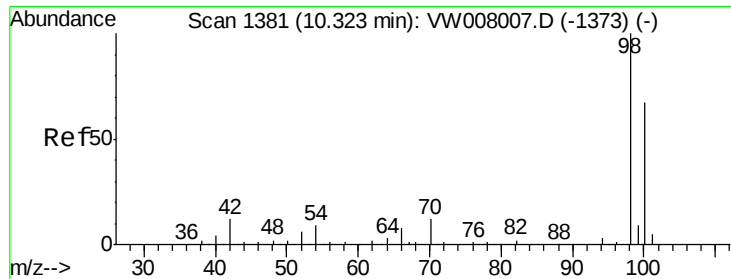
#35
Dibromofluoromethane
Concen: 49.766 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

Tgt Ion:113 Resp: 34241
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.9 14.8 22.2



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: 48.751 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008029.D

Acq: 03 Jan 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

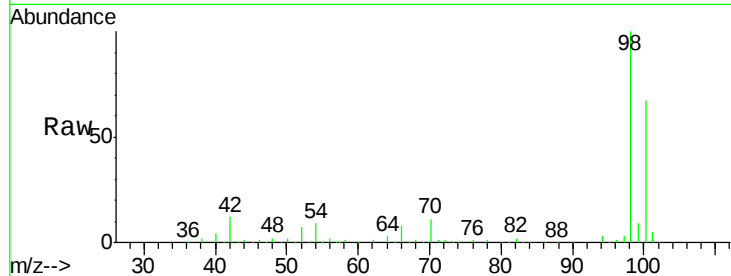
AU-05-010219-D

Tot Ion: 98 Resp: 125825

Ion Ratio Lower Upper

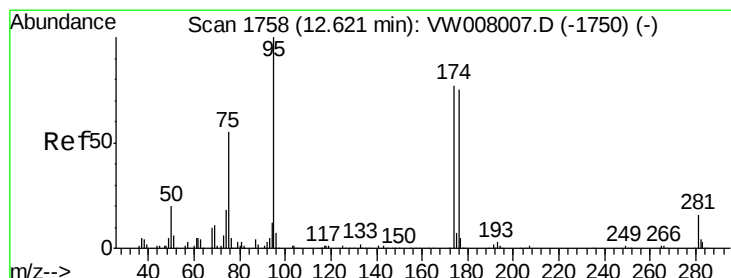
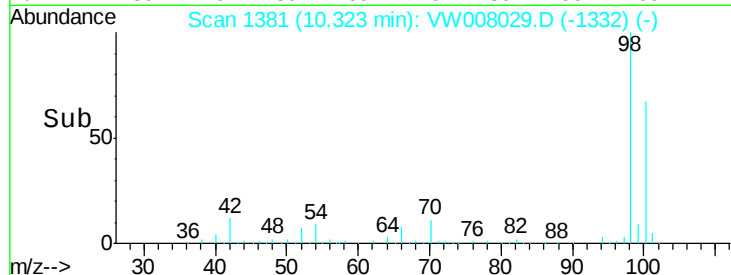
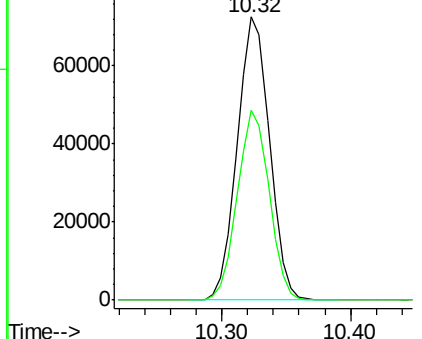
98 100

100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.299 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008029.D

Acq: 03 Jan 2019 18:58

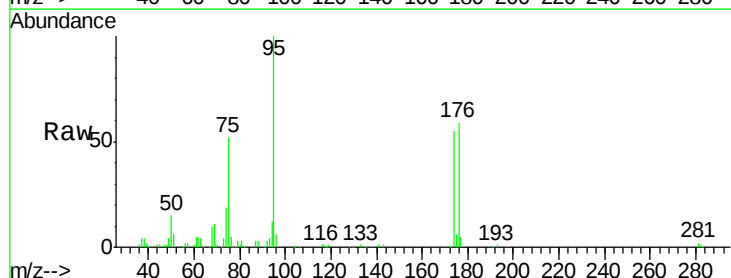
Tgt Ion: 95 Resp: 39889

Ion Ratio Lower Upper

95 100

174 73.8 0.0 149.6

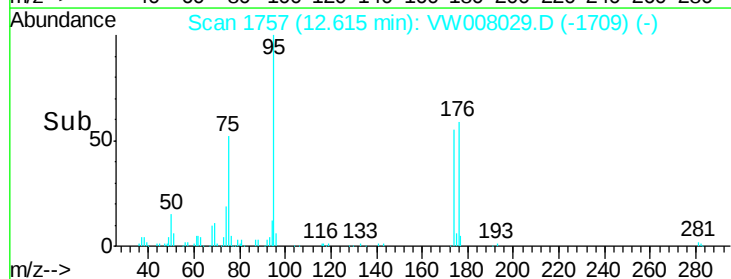
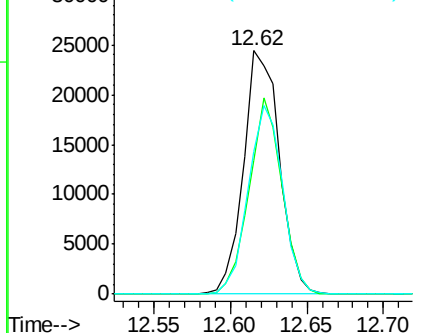
176 74.4 0.0 145.4

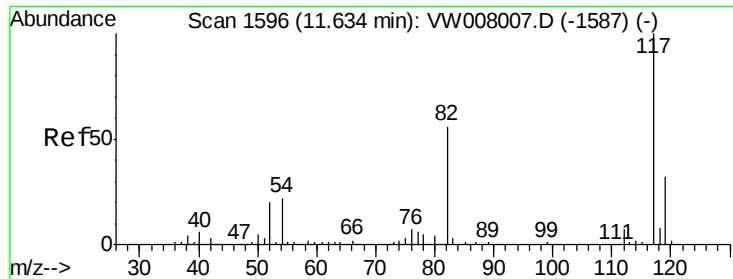


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

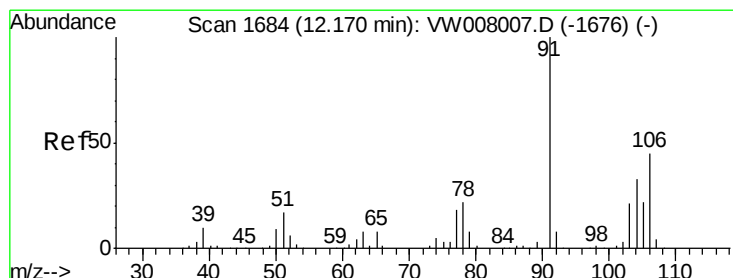
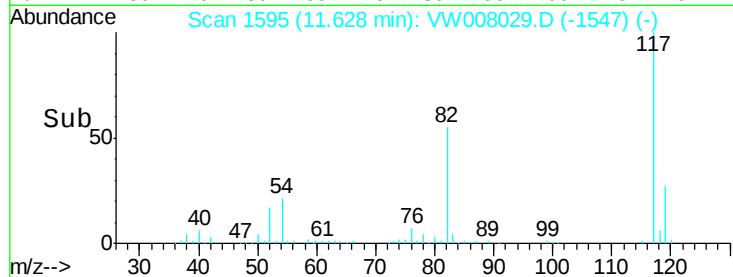
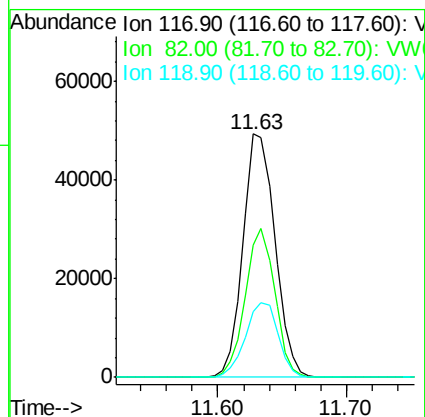
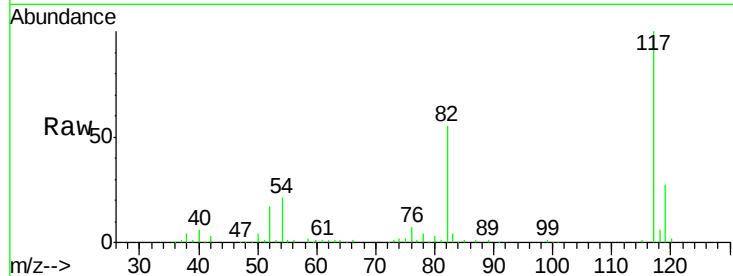




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

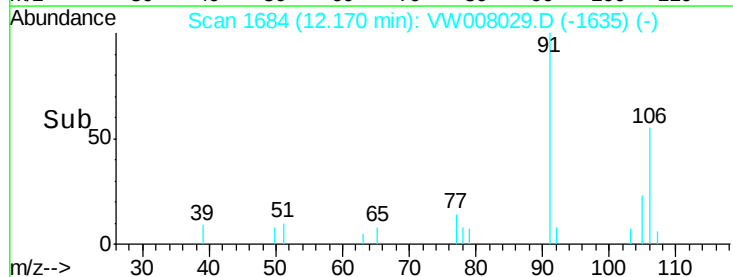
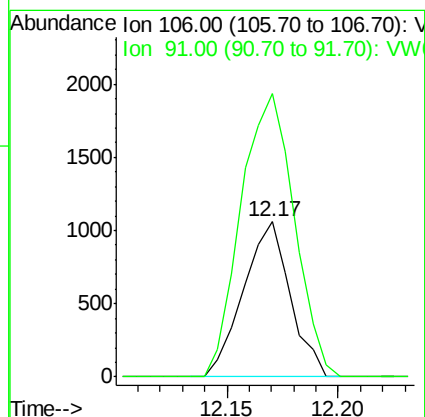
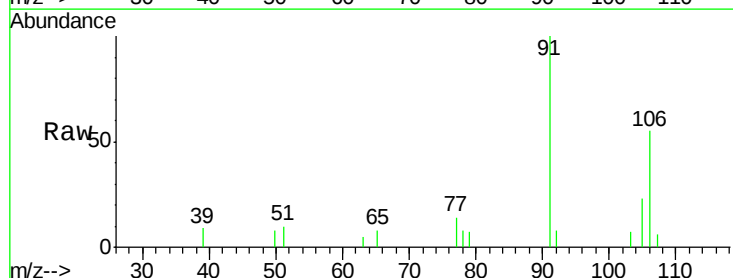
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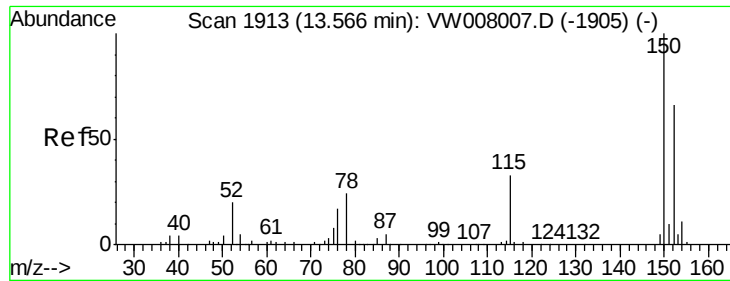
Tot Ion:117 Resp: 84808
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 26.8 25.6 38.4



#69
o-Xylene
Concen: 1.339 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008029.D
Acq: 03 Jan 2019 18:58

Tgt Ion:106 Resp: 1550
Ion Ratio Lower Upper
106 100
91 207.9 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008029.D

Acq: 03 Jan 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-D

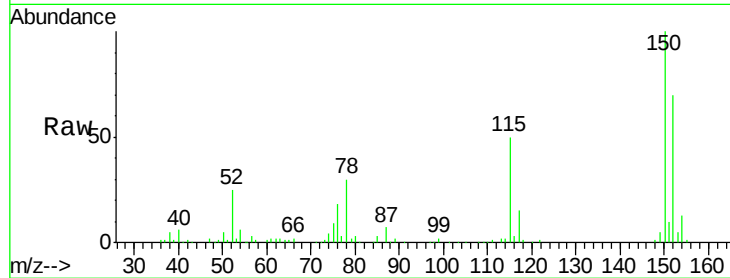
Tot Ion:152 Resp: 34833

Ion Ratio Lower Upper

152 100

115 63.5 32.1 96.5

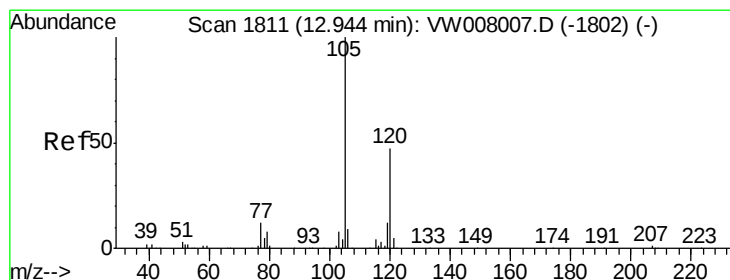
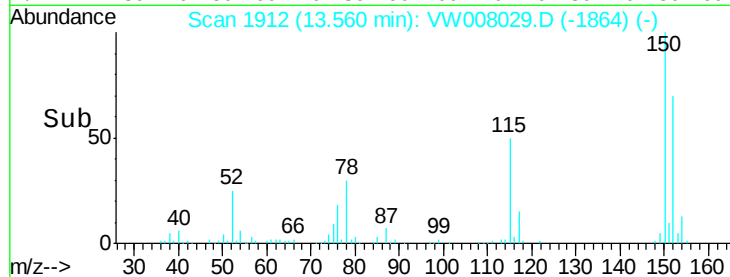
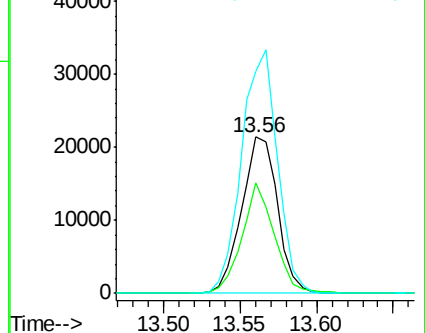
150 155.8 0.0 345.0



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: 2.353 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW008029.D

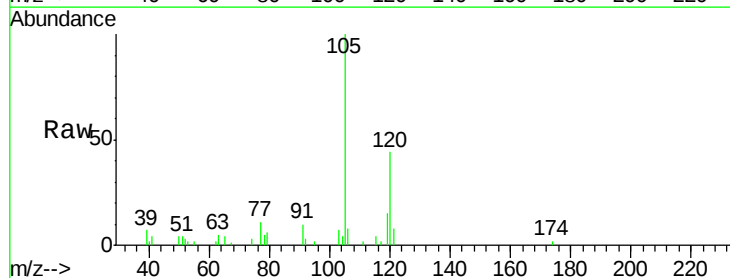
Acq: 03 Jan 2019 18:58

Tgt Ion:105 Resp: 5609

Ion Ratio Lower Upper

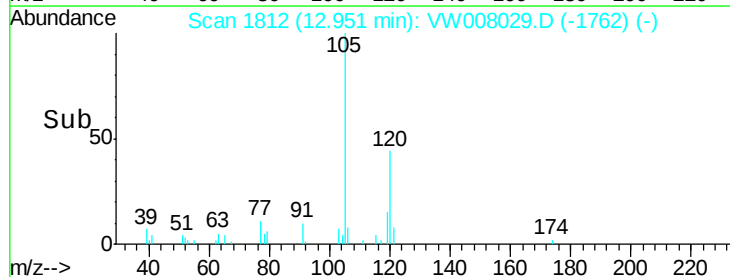
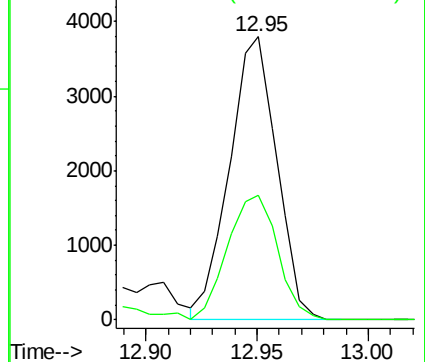
105 100

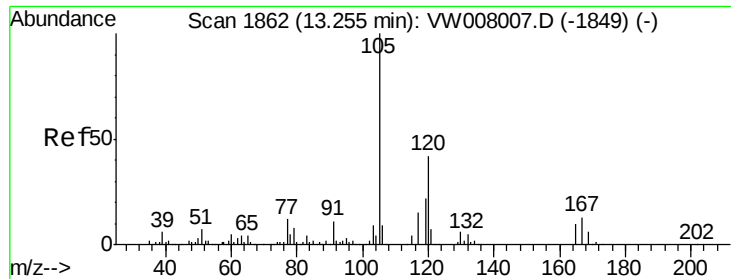
120 46.7 23.3 69.9



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: 1.958 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008029.D

Acq: 03 Jan 2019 18:58

Instrument :

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ClientSampleId :

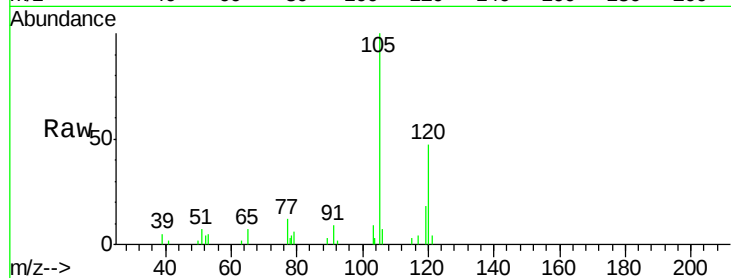
AU-05-010219-D

Tot Ion:105 Resp: 4728

Ion Ratio Lower Upper

105 100

120 47.3 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

