

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015327.D
 Acq On : 23 Apr 2020 12:58
 Operator : SY/VA
 Sample : L2117-06
 Misc : 7.81G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-042220

Quant Time: Apr 24 07:23:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

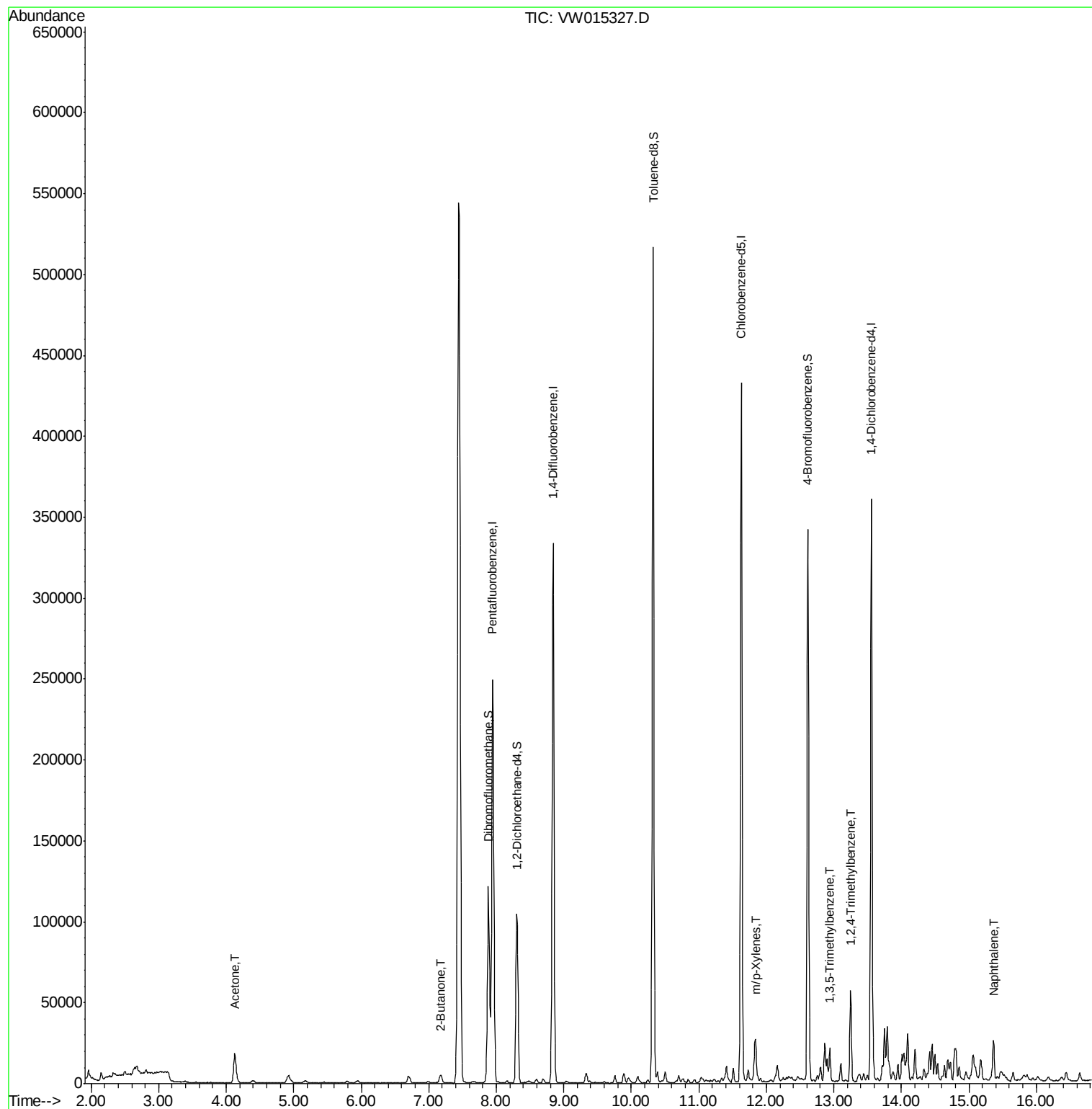
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83305	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.88	113	85753	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.32	98	349721	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	109768	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	
Target Compounds						
16) Acetone	4.13	43	32203	108.385	ug/l	95
25) 2-Butanone	7.18	43	8412	21.340	ug/l #	88
68) m/p-Xylenes	11.84	106	7337	2.031	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	9797	1.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	30525	5.159	ug/l	100
95) Naphthalene	15.36	128	21680	7.019	ug/l	98

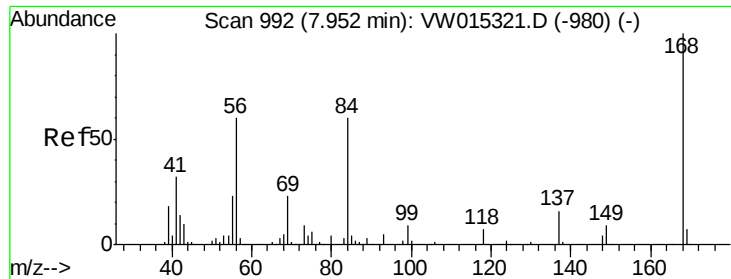
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015327.D

Acq: 23 Apr 2020 12:58

Instrument :

MSVOA_W

ClientSampled :

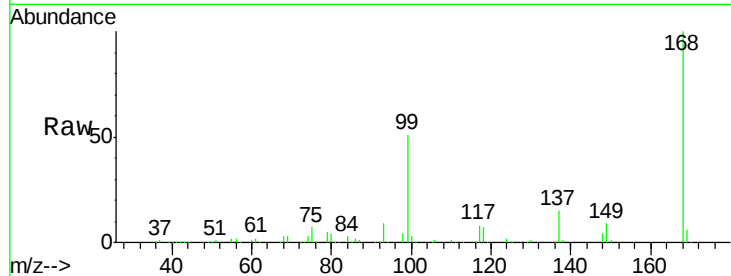
OK-01-042220

Tot Ion:168 Resp: 208022

Ion Ratio Lower Upper

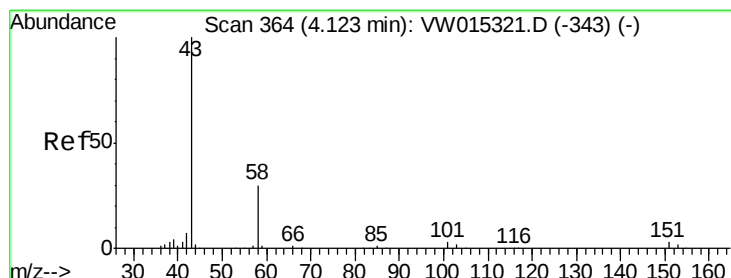
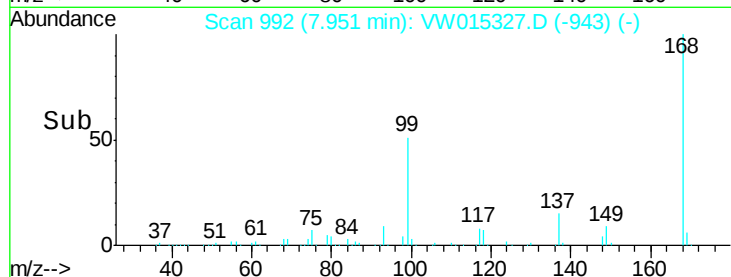
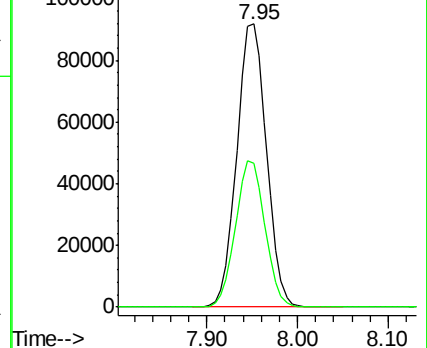
168 100

99 50.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 108.385 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015327.D

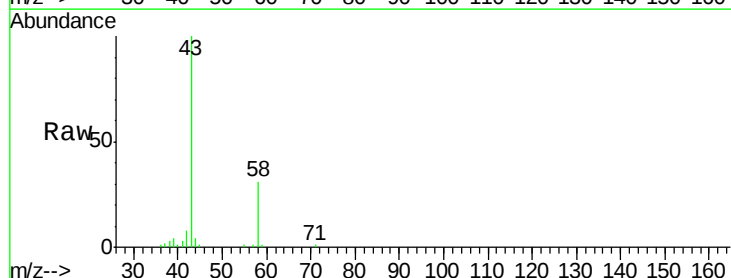
Acq: 23 Apr 2020 12:58

Tgt Ion: 43 Resp: 32203

Ion Ratio Lower Upper

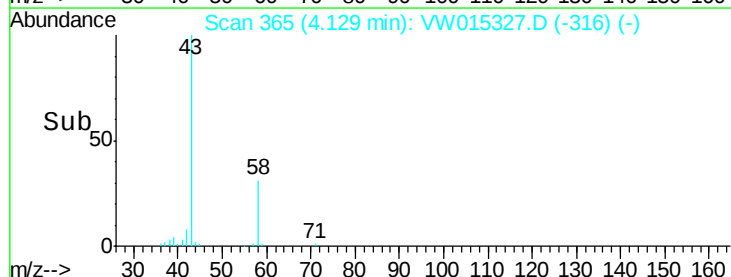
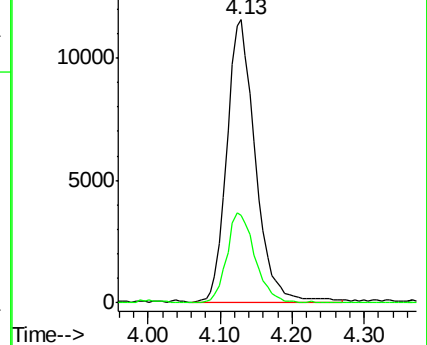
43 100

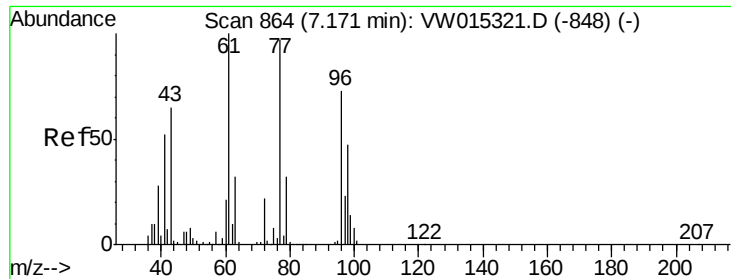
58 31.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 21.340 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015327.D

Acq: 23 Apr 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

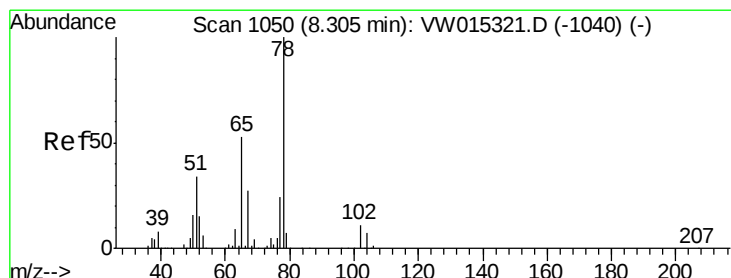
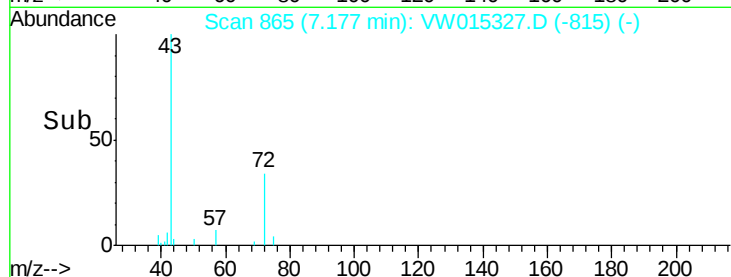
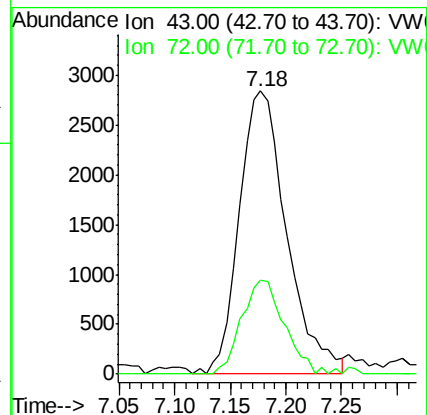
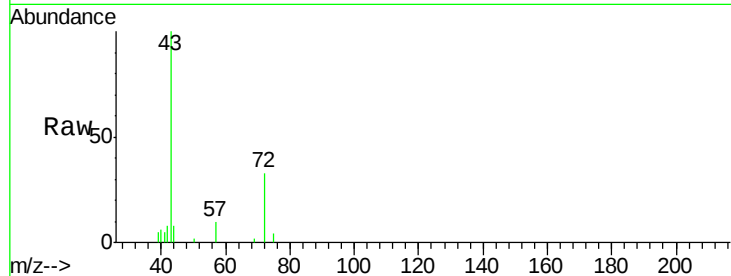
OK-01-042220

Tot Ion: 43 Resp: 8412

Ion Ratio Lower Upper

43 100

72 33.0 21.6 32.4#



#33

1,2-Dichloroethane-d4

Concen: 48.971 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015327.D

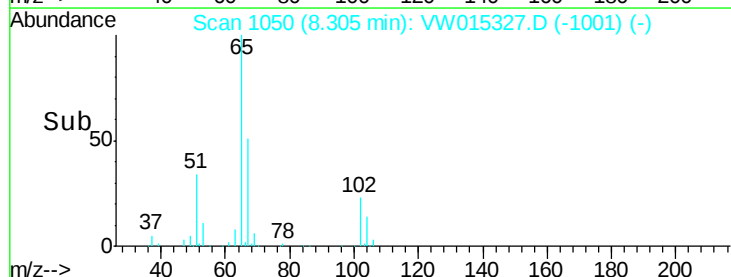
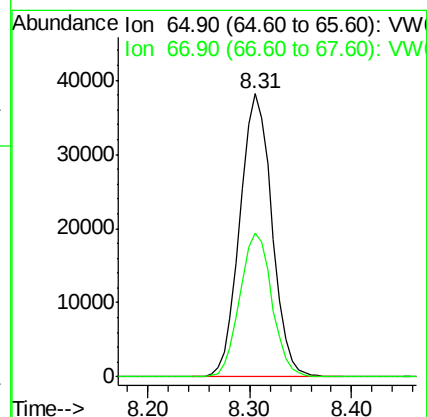
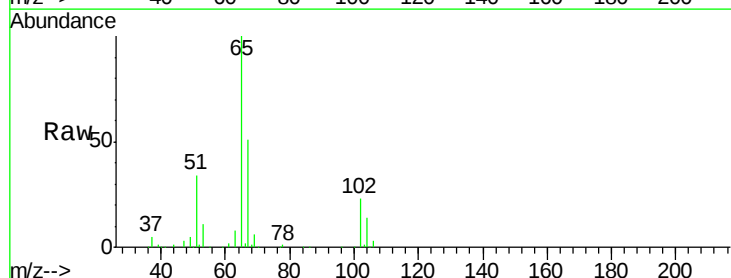
Acq: 23 Apr 2020 12:58

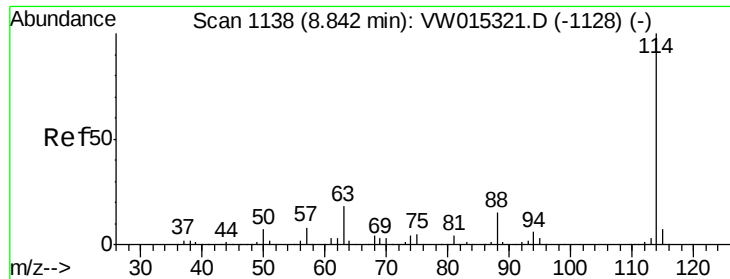
Tgt Ion: 65 Resp: 83305

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.0

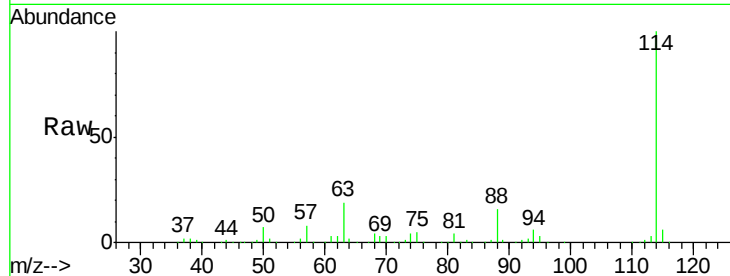




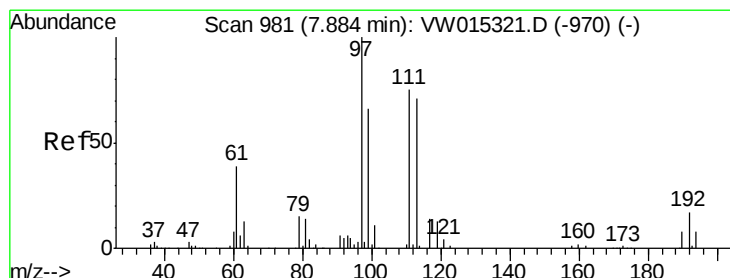
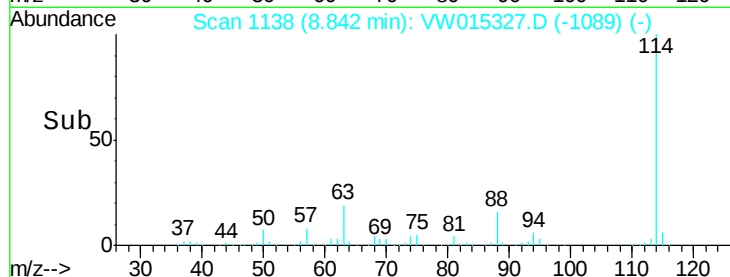
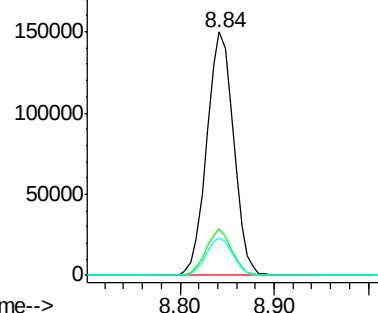
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Instrument :
MSVOA_W
ClientSampleId :
OK-01-042220

Tot Ion:114 Resp: 297252
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.8
88 15.7 0.0 30.2

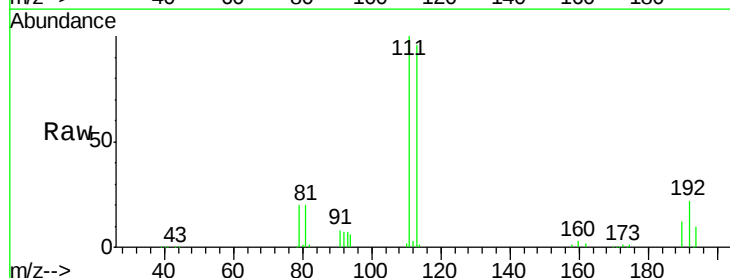


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

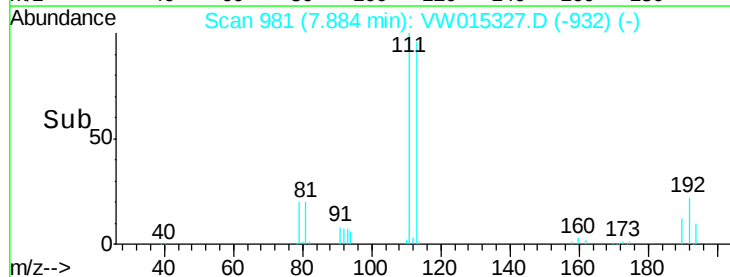
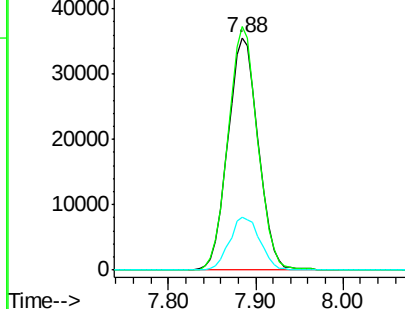


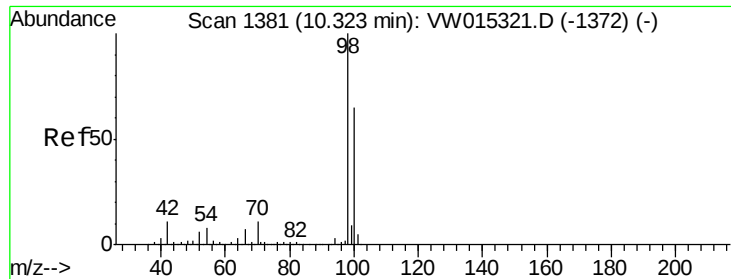
#35
Dibromofluoromethane
Concen: 52.081 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Tgt Ion:113 Resp: 85753
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 22.9 15.1 22.7#



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: 50.491 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015327.D

Acq: 23 Apr 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

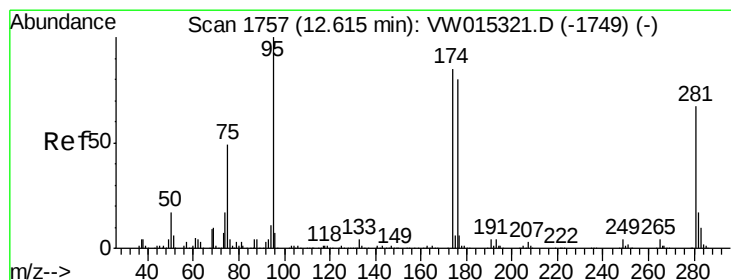
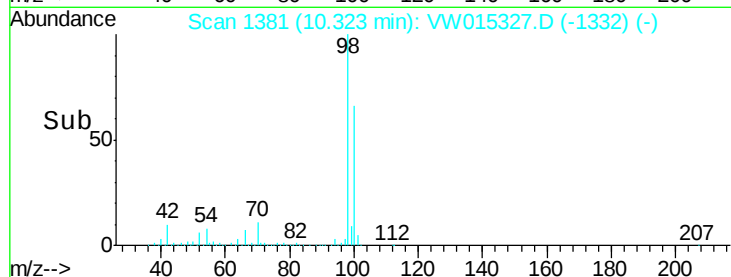
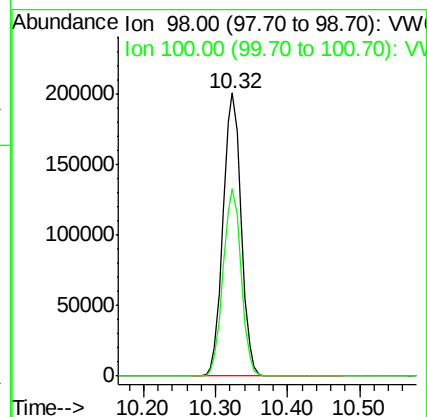
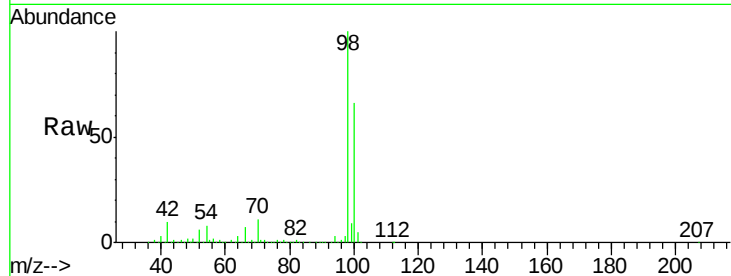
OK-01-042220

Tot Ion: 98 Resp: 349721

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.535 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015327.D

Acq: 23 Apr 2020 12:58

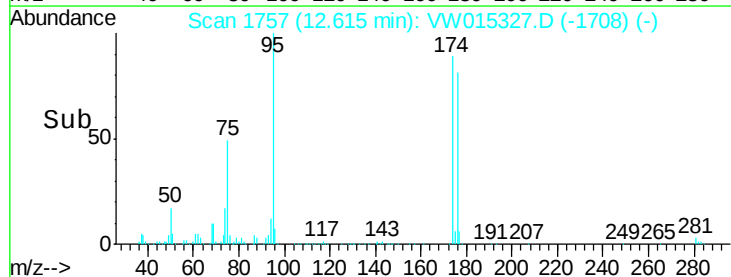
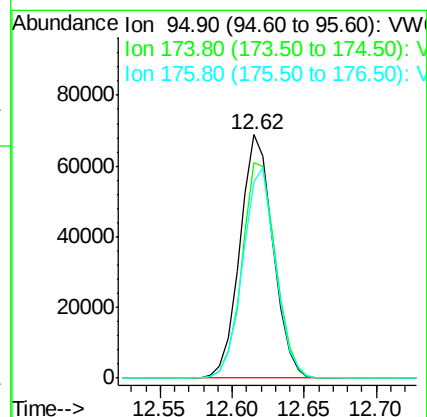
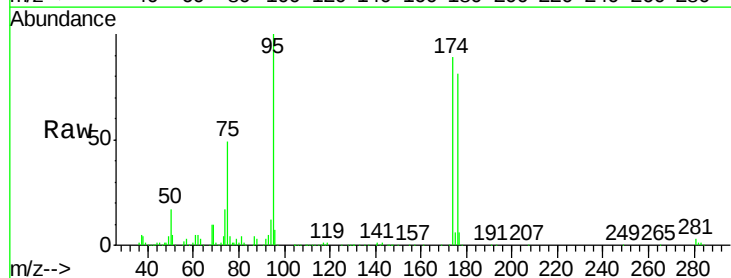
Tgt Ion: 95 Resp: 109768

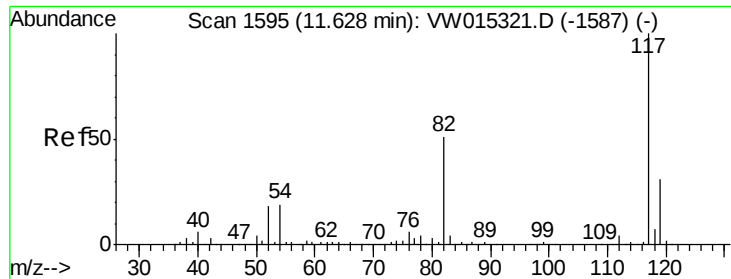
Ion Ratio Lower Upper

95 100

174 89.4 0.0 144.4

176 85.6 0.0 140.6

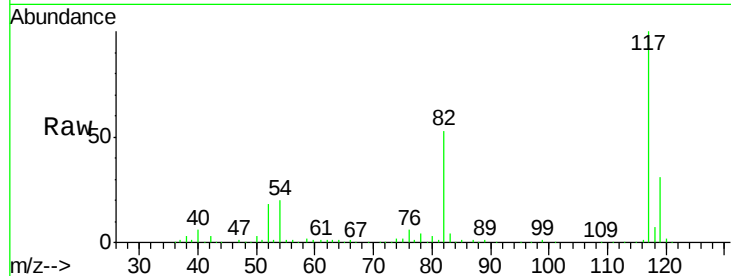




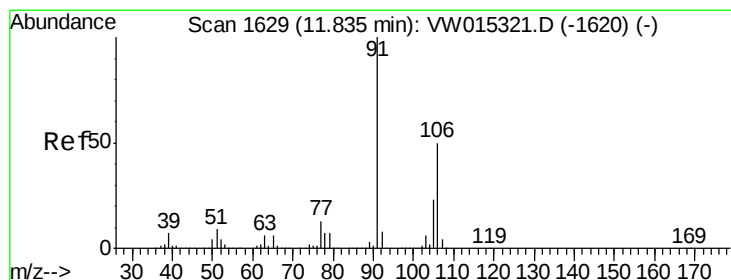
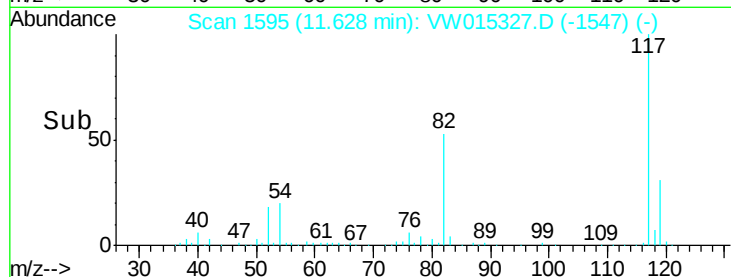
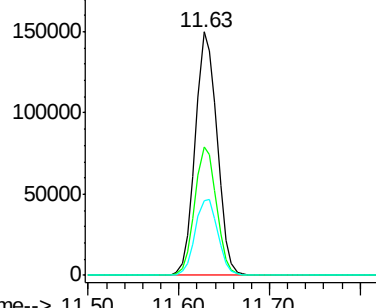
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Instrument :
MSVOA_W
ClientSampleId :
OK-01-042220

Tot Ion:117 Resp: 251858
Ion Ratio Lower Upper
117 100
82 52.7 44.1 66.1
119 30.7 24.9 37.3

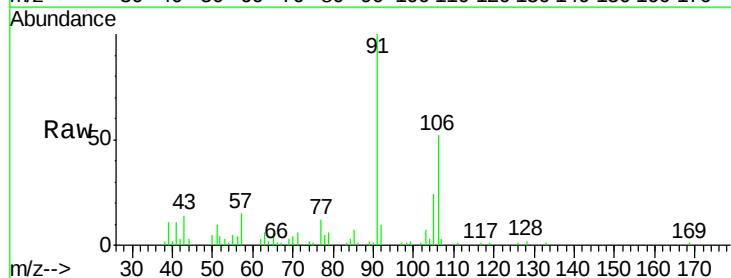


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

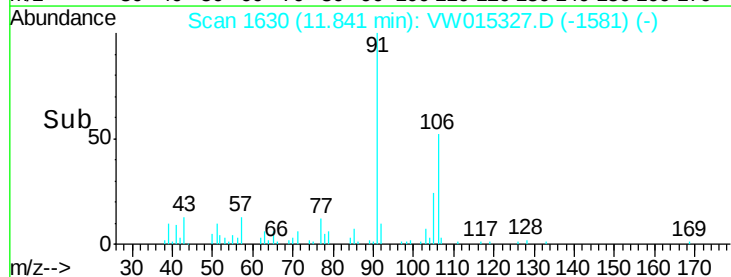
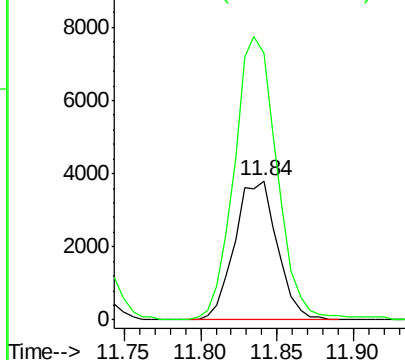


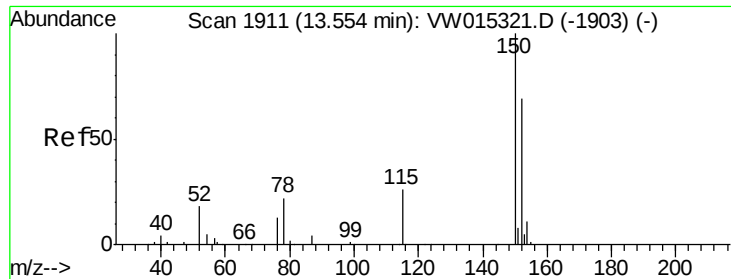
#68
m/p-Xylenes
Concen: 2.031 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Tgt Ion:106 Resp: 7337
Ion Ratio Lower Upper
106 100
91 206.6 160.0 240.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015327.D

Acq: 23 Apr 2020 12:58

Instrument :

MSVOA_W

ClientSampleId :

OK-01-042220

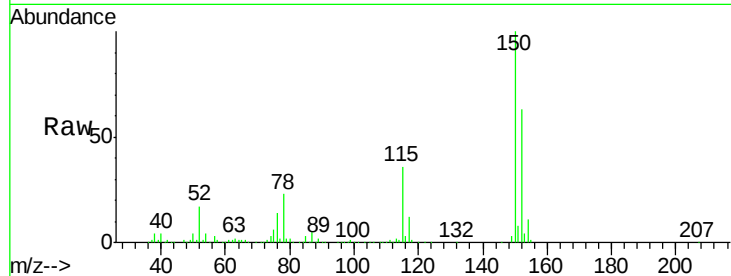
Tot Ion:152 Resp: 100436

Ion Ratio Lower Upper

152 100

115 57.6 31.3 93.9

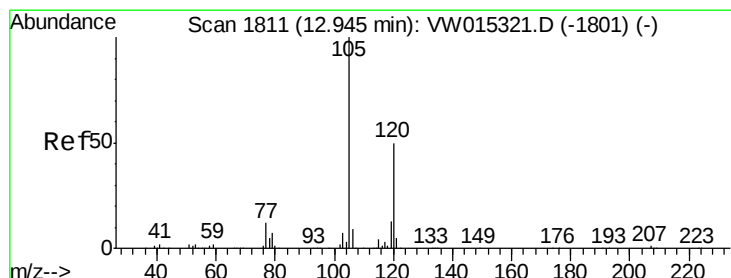
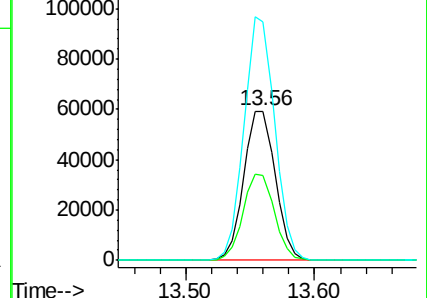
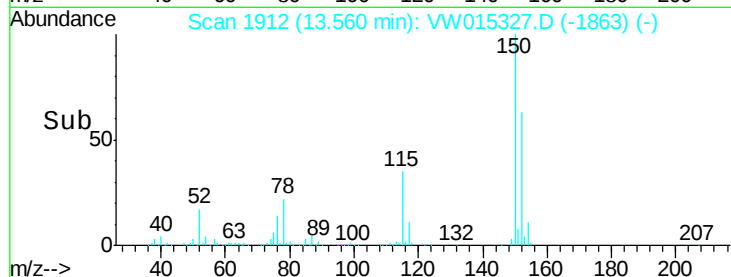
150 158.3 0.0 343.4



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: 1.633 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015327.D

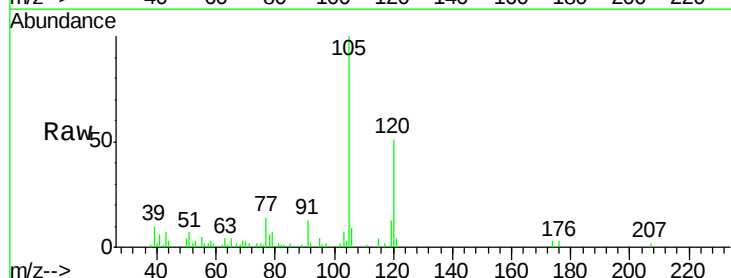
Acq: 23 Apr 2020 12:58

Tgt Ion:105 Resp: 9797

Ion Ratio Lower Upper

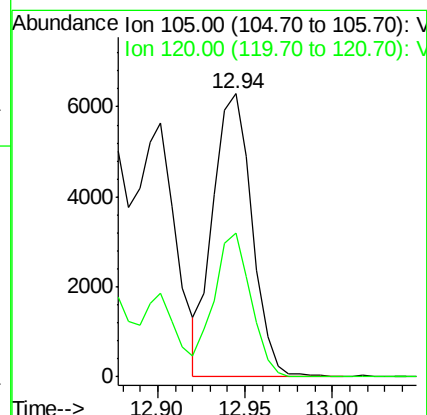
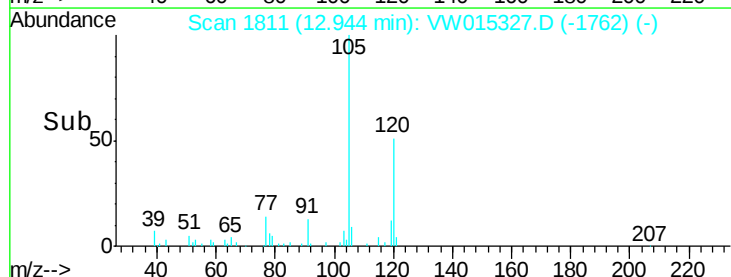
105 100

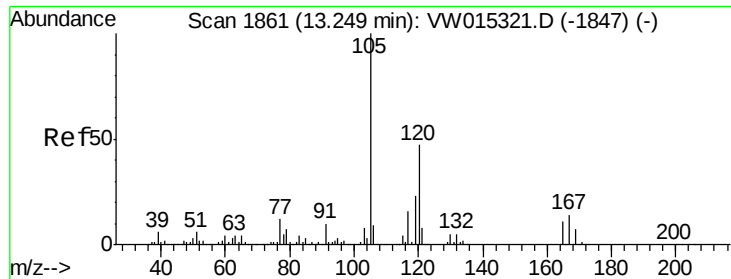
120 48.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

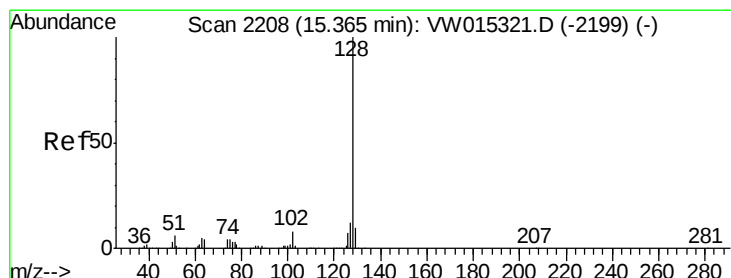
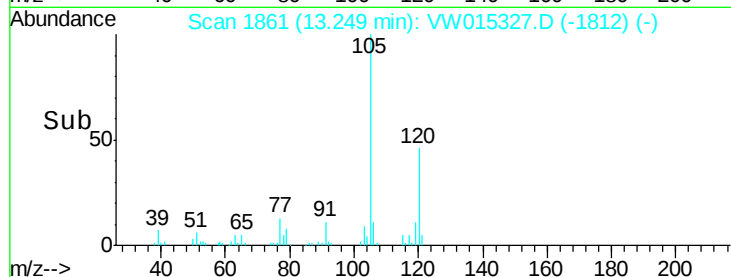
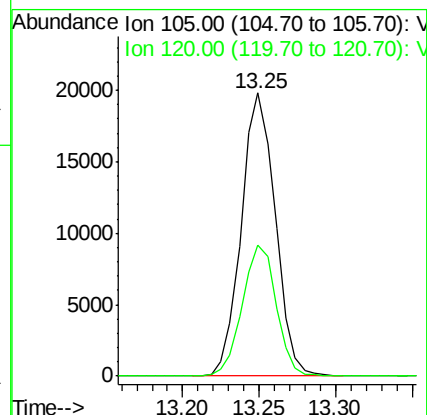
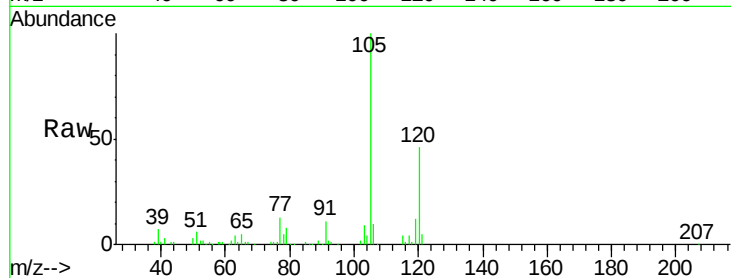




#84
1,2,4-Trimethylbenzene
Concen: 5.159 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Instrument :
MSVOA_W
ClientSampleId :
OK-01-042220

Tot Ion:105 Resp: 30525
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0



#95
Naphthalene
Concen: 7.019 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015327.D
Acq: 23 Apr 2020 12:58

Tgt Ion:128 Resp: 21680
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.8 8.6 12.8

