

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008308.D
 Acq On : 16 Jan 2019 15:08
 Operator : SY/VA
 Sample : K1010-03
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-A

Quant Time: Jan 17 06:02:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

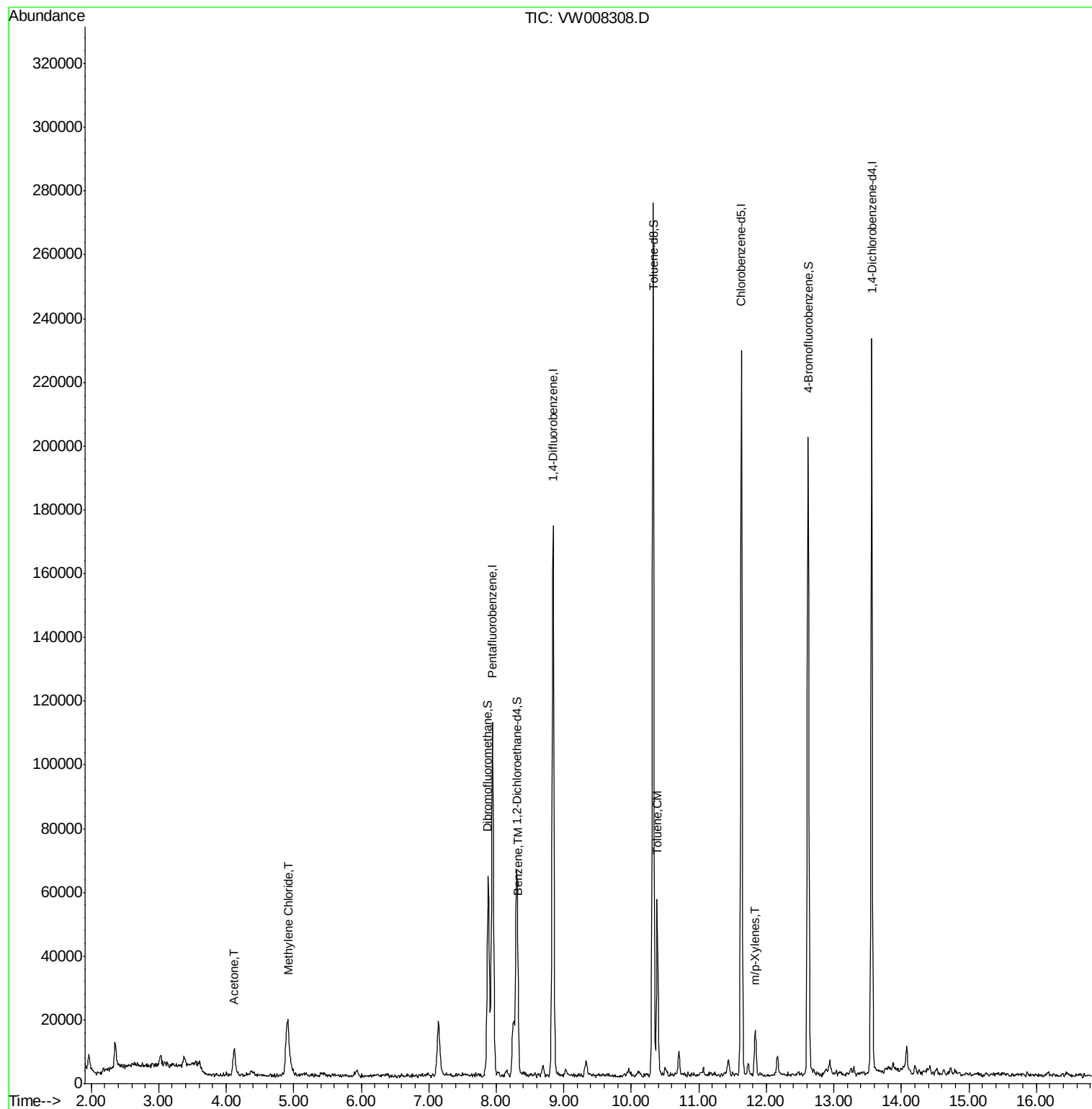
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	141063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47226	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.88	113	44953	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.32	98	177569	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	60205	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
16) Acetone	4.12	43	14813	79.556	ug/l	89
20) Methylene Chloride	4.91	84	16187	15.423	ug/l #	83
40) Benzene	8.32	78	6406	1.625	ug/l	99
52) Toluene	10.38	92	23072	9.166	ug/l	100
68) m/p-Xylenes	11.84	106	3942	2.040	ug/l	93

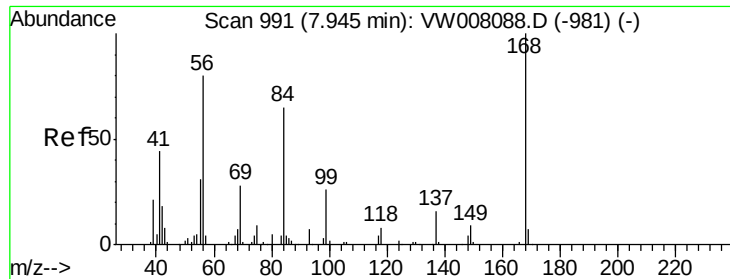
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008308.D

Acq: 16 Jan 2019 15:08

Instrument :

MSVOA_W

ClientSampleId :

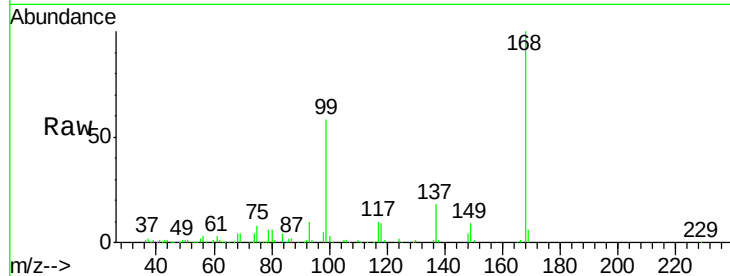
OK-01-011519-A

Tot Ion:168 Resp: 78024

Ion Ratio Lower Upper

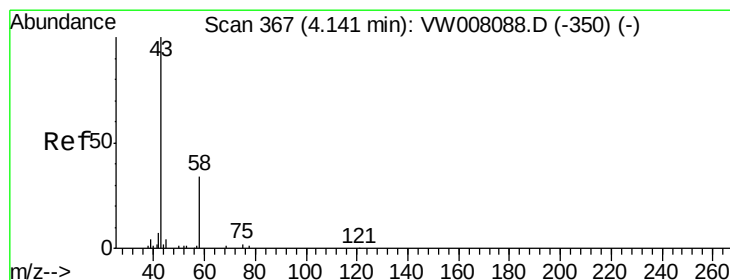
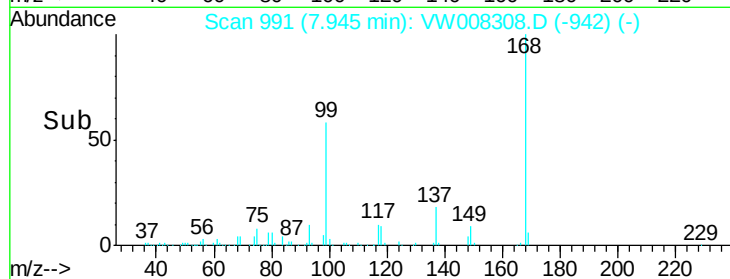
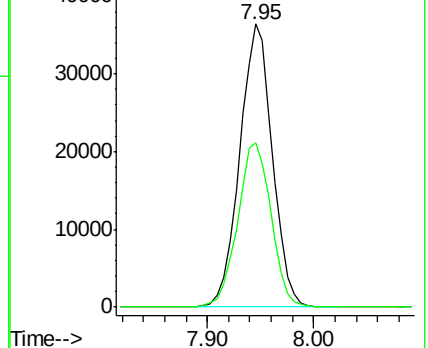
168 100

99 58.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 79.556 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008308.D

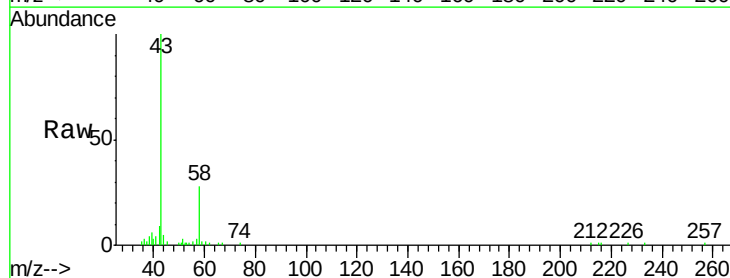
Acq: 16 Jan 2019 15:08

Tgt Ion: 43 Resp: 14813

Ion Ratio Lower Upper

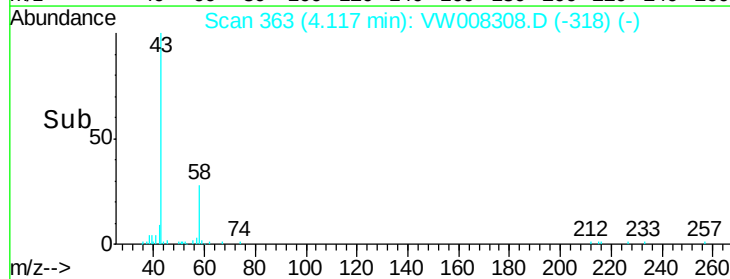
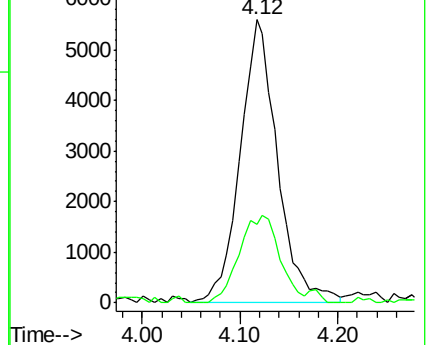
43 100

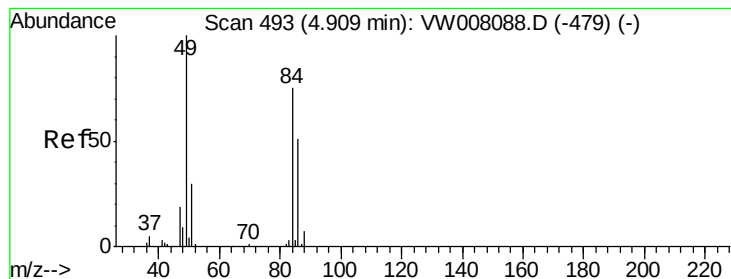
58 28.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 15.423 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008308.D

Acq: 16 Jan 2019 15:08

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-A

Tot Ion: 84 Resp: 16187

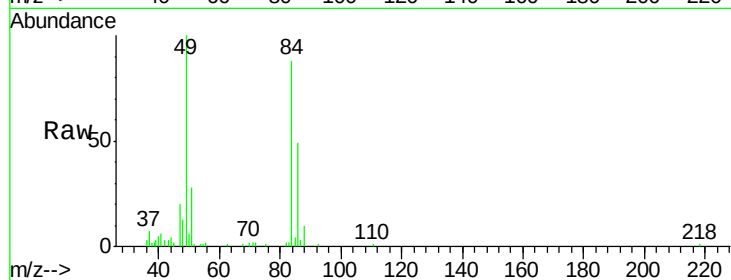
Ion Ratio Lower Upper

84 100

49 112.0 107.1 160.7

51 30.8 32.4 48.6#

86 55.6 54.2 81.4

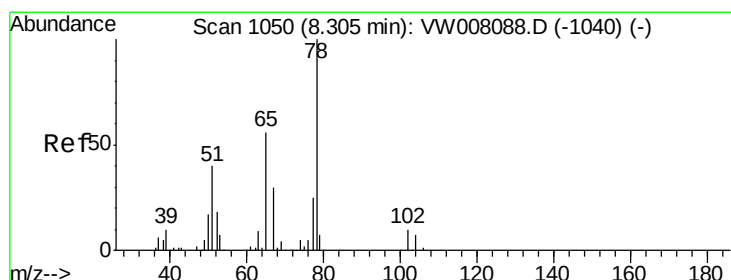
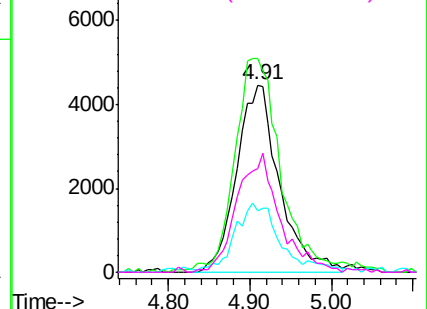
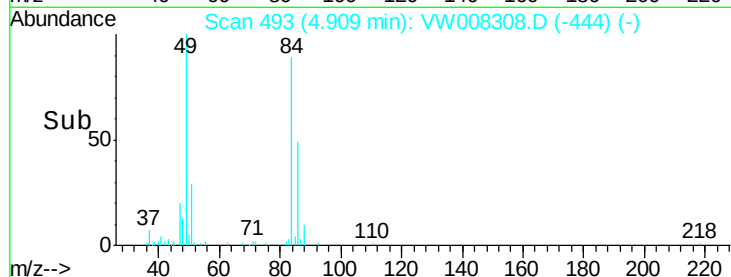


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 53.854 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008308.D

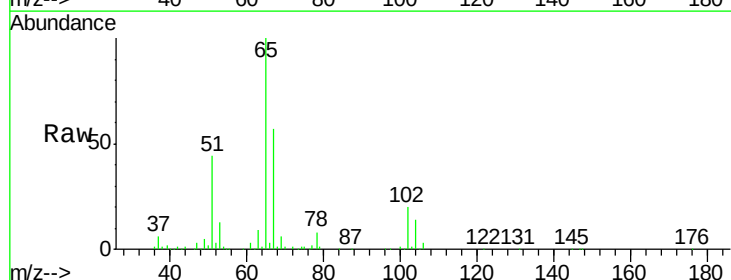
Acq: 16 Jan 2019 15:08

Tgt Ion: 65 Resp: 47226

Ion Ratio Lower Upper

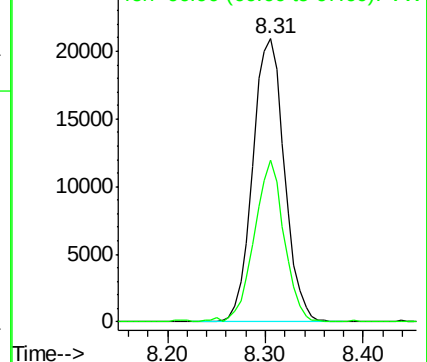
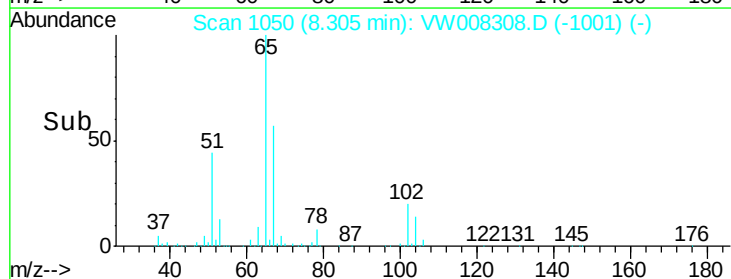
65 100

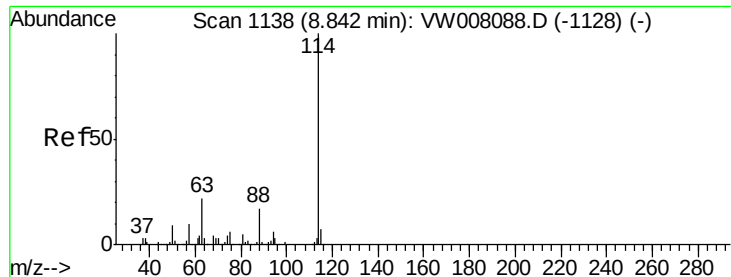
67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

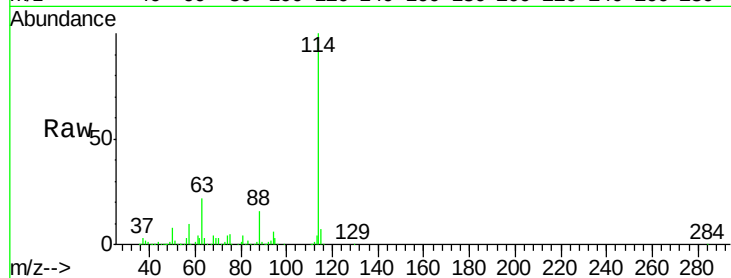




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008308.D
 Acq: 16 Jan 2019 15:08

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-A

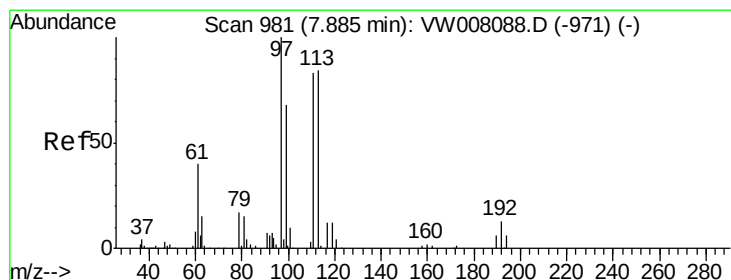
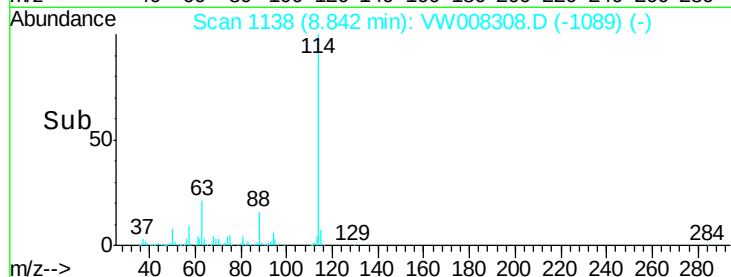
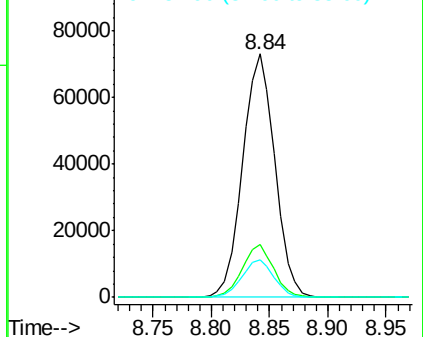
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	15.5	0.0	33.4



Abundance Ion 113.90 (113.60 to 114.60): V

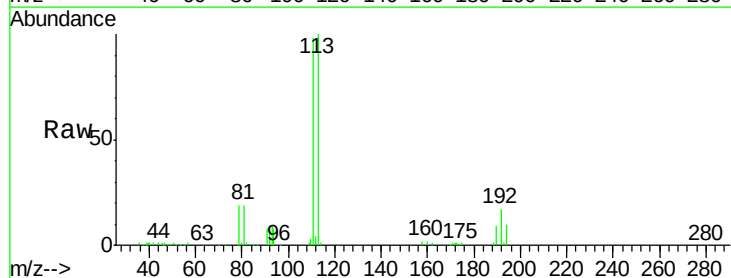
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 54.639 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008308.D
 Acq: 16 Jan 2019 15:08

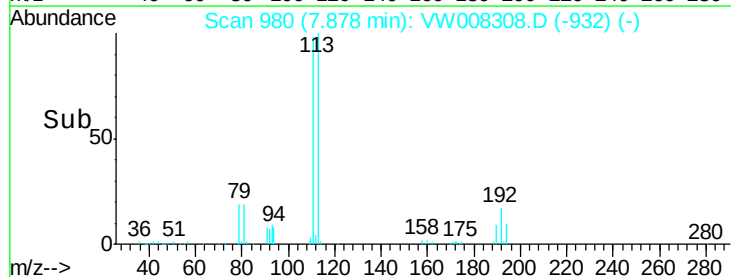
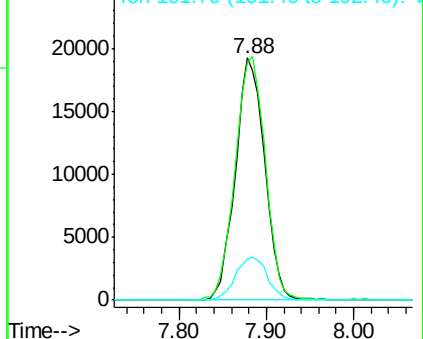
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	18.9	12.8	19.2

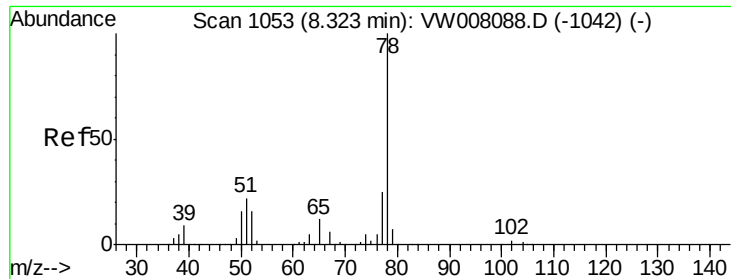


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.625 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008308.D

Acq: 16 Jan 2019 15:08

Instrument :

MSVOA_W

ClientSampleId :

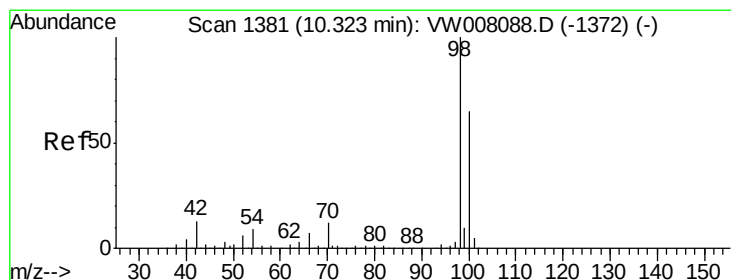
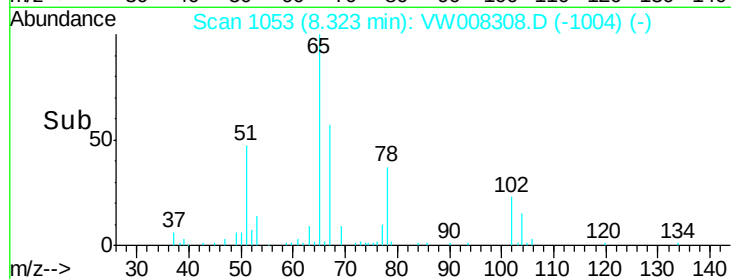
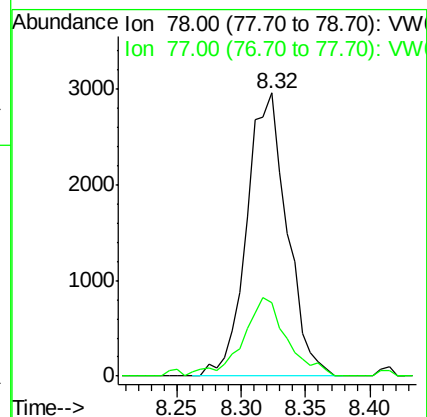
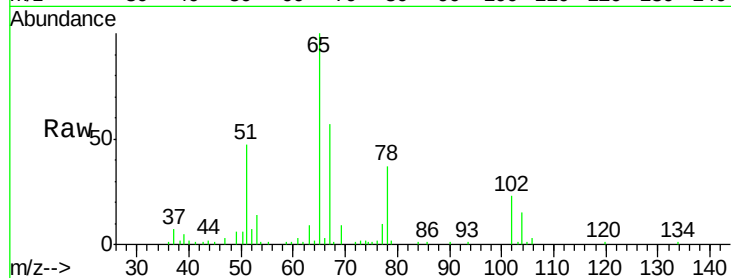
OK-01-011519-A

Tot Ion: 78 Resp: 6406

Ion Ratio Lower Upper

78 100

77 26.0 20.2 30.4



#50

Toluene-d8

Concen: 51.432 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008308.D

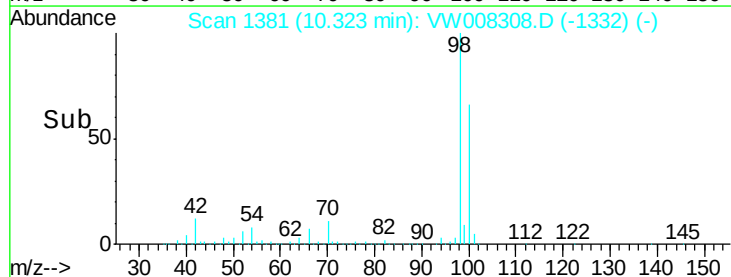
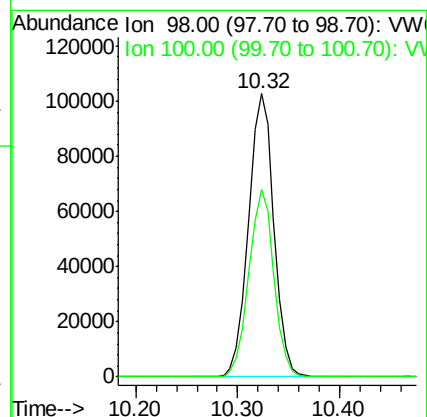
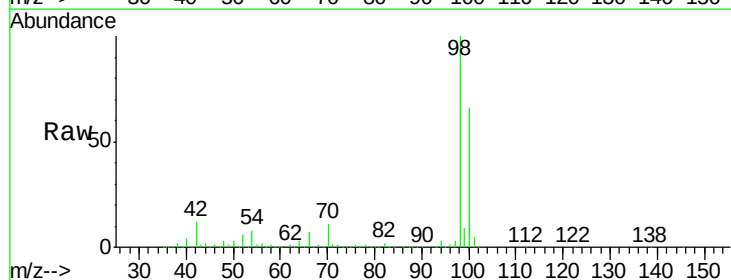
Acq: 16 Jan 2019 15:08

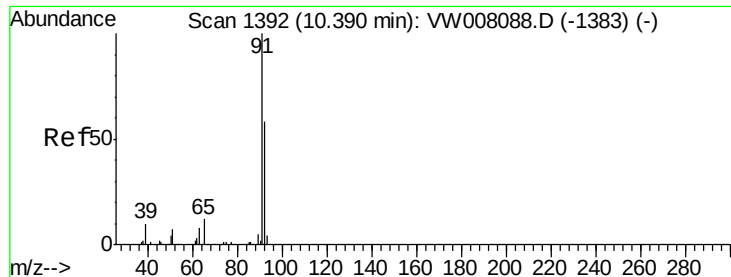
Tgt Ion: 98 Resp: 177569

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#52

Toluene

Concen: 9.166 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008308.D

Acq: 16 Jan 2019 15:08

Instrument :

MSVOA_W

ClientSampleId :

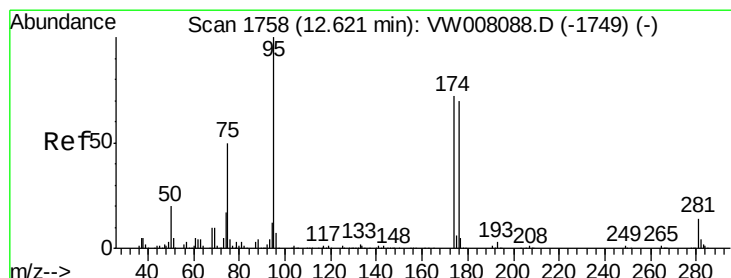
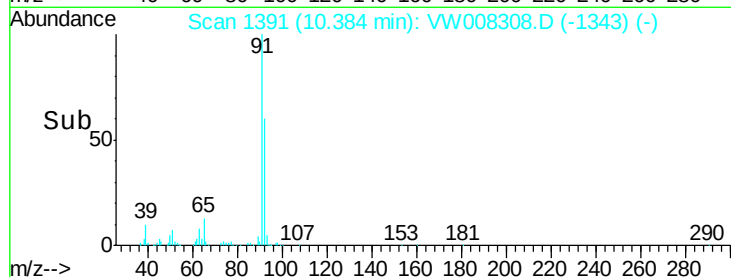
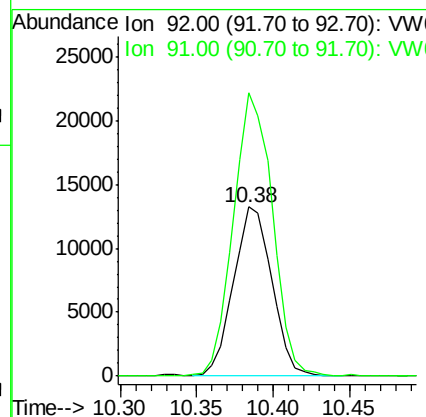
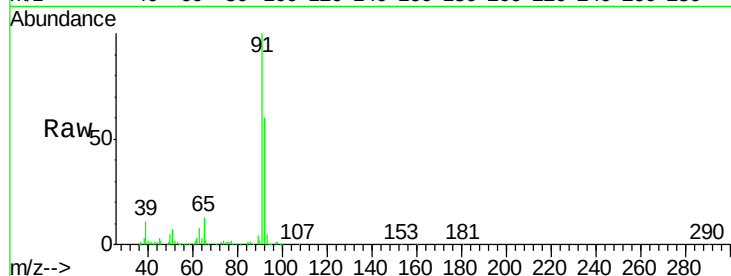
OK-01-011519-A

Tot Ion: 92 Resp: 23072

Ion Ratio Lower Upper

92 100

91 171.1 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 48.642 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008308.D

Acq: 16 Jan 2019 15:08

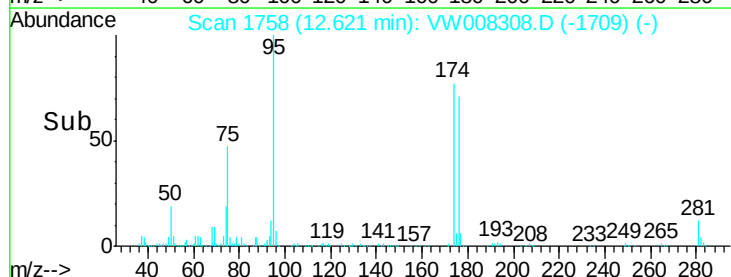
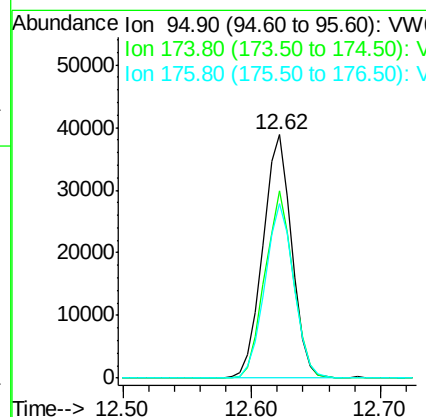
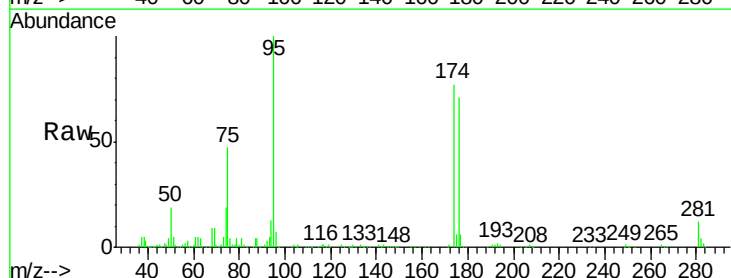
Tgt Ion: 95 Resp: 60205

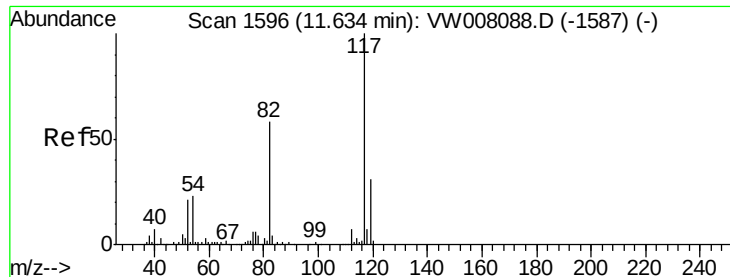
Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.0

176 71.9 0.0 140.2

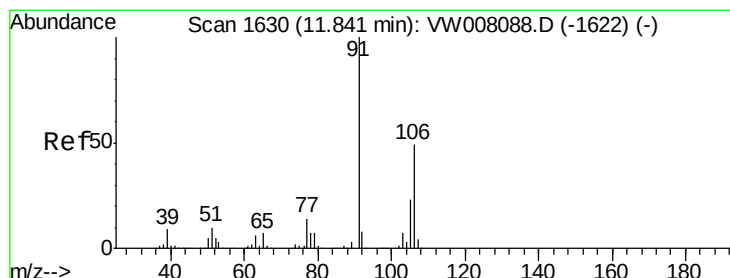
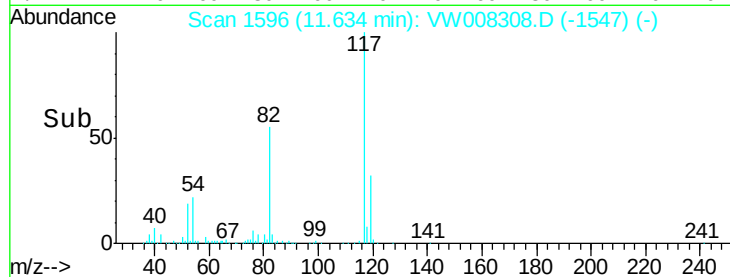
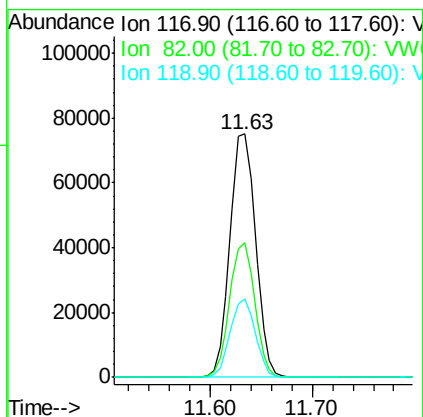
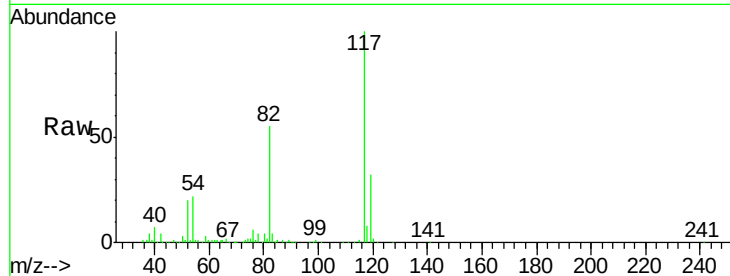




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008308.D
Acq: 16 Jan 2019 15:08

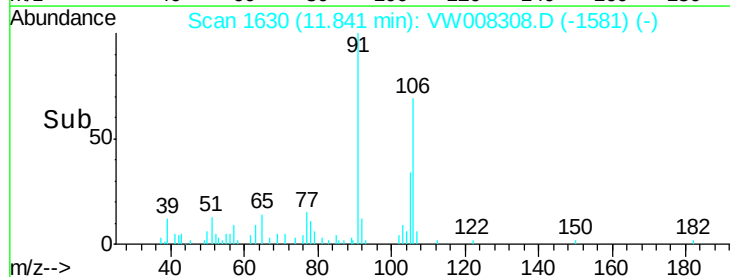
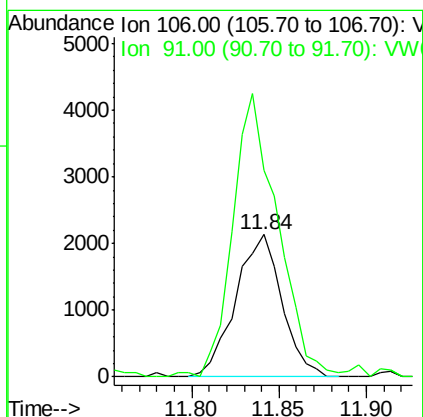
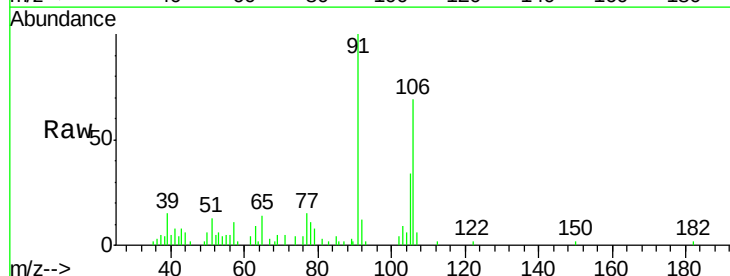
Instrument :
MSVOA_W
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OK-01-011519-A

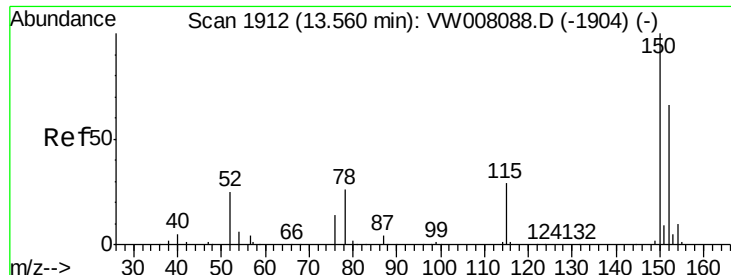
Tot Ion:117 Resp: 130586
Ion Ratio Lower Upper
117 100
82 55.3 46.4 69.6
119 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 2.040 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008308.D
Acq: 16 Jan 2019 15:08

Tgt Ion:106 Resp: 3942
Ion Ratio Lower Upper
106 100
91 191.9 162.4 243.6

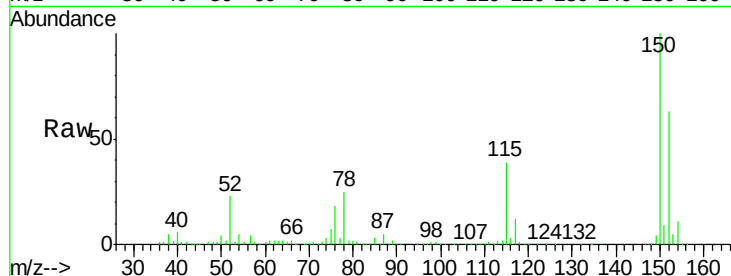




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008308.D
 Acq: 16 Jan 2019 15:08

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-011519-A

Tot Ion:152 Resp: 55927
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.8 92.4
 150 159.1 0.0 350.2



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

