

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008294.D
 Acq On : 15 Jan 2019 20:56
 Operator : SY/VA
 Sample : K1010-03
 Misc : 8.98G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 16 03:09:50 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

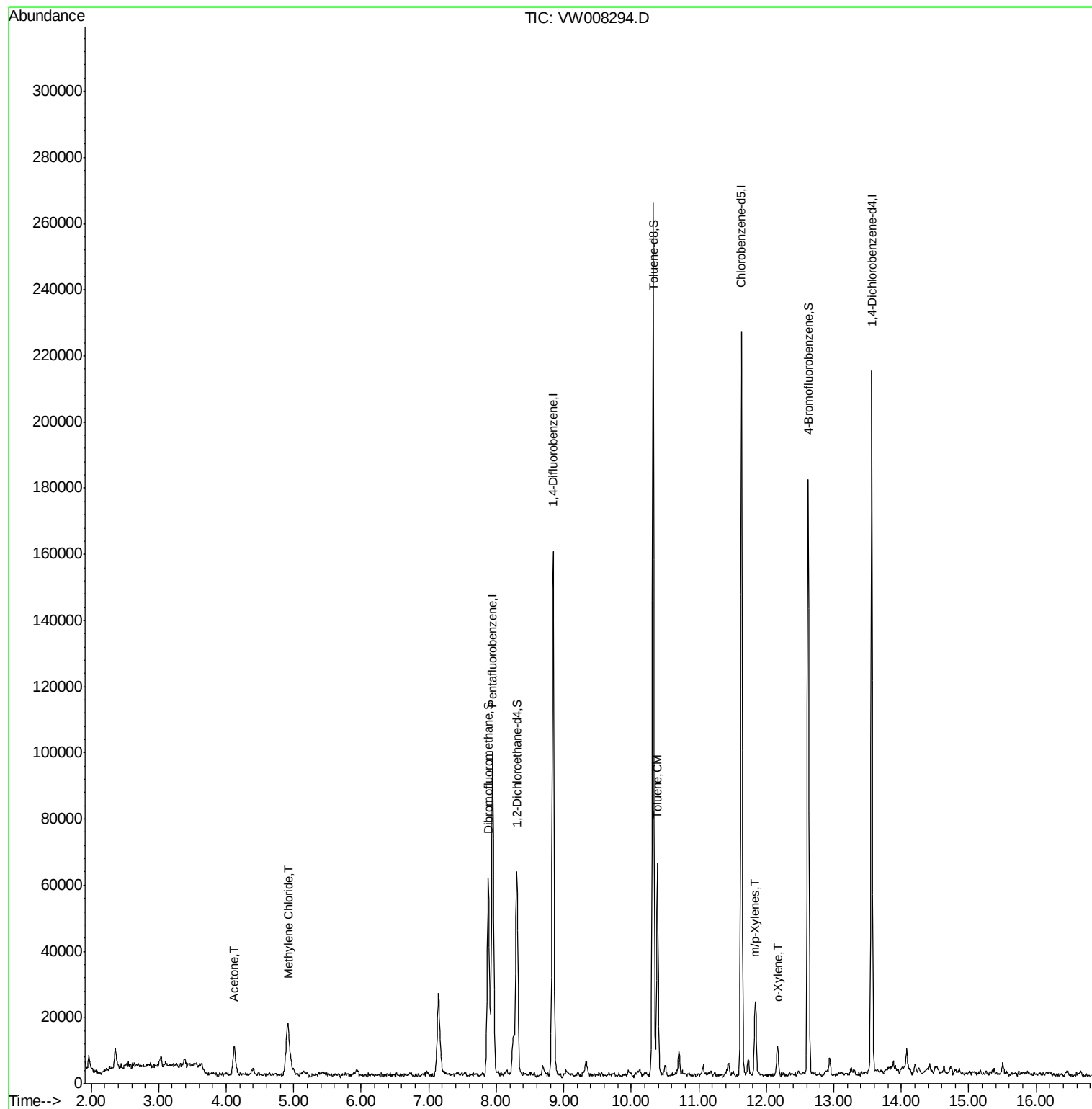
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45956	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
35) Dibromofluoromethane	7.88	113	42749	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
50) Toluene-d8	10.32	98	171743	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.62	95	56034	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
Target Compounds						
16) Acetone	4.12	43	16876	113.472	ug/l	97
20) Methylene Chloride	4.91	84	14190	15.914	ug/l	90
52) Toluene	10.39	92	26896	11.499	ug/l	94
68) m/p-Xylenes	11.84	106	6421	3.575	ug/l	97
69) o-Xylene	12.17	106	2256	1.356	ug/l	100

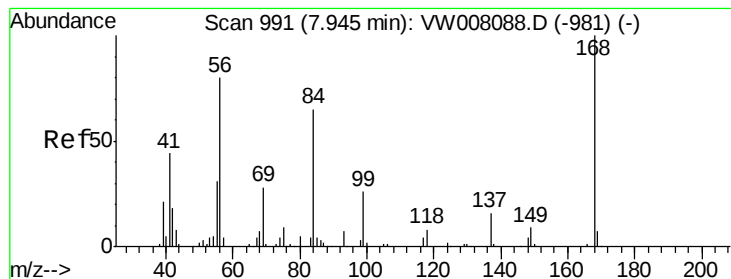
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008294.D

Acq: 15 Jan 2019 20:56

Instrument :

MSVOA_W

ClientSampleId :

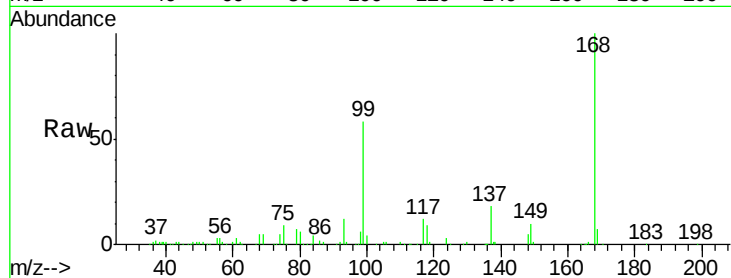
OK-0111519-A

Tot Ion:168 Resp: 66816

Ion Ratio Lower Upper

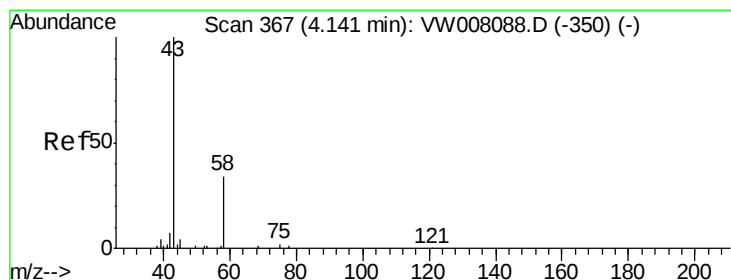
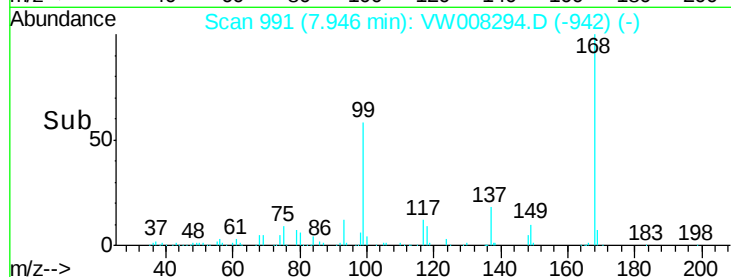
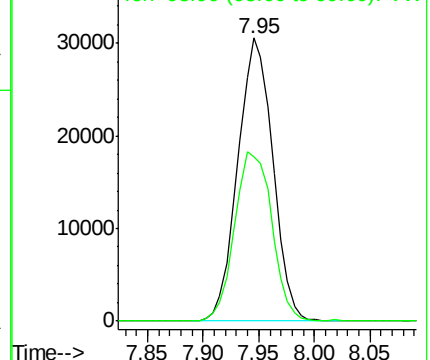
168 100

99 57.9 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: 113.472 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008294.D

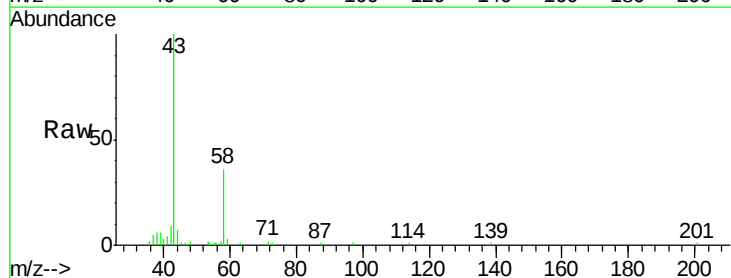
Acq: 15 Jan 2019 20:56

Tgt Ion: 43 Resp: 16876

Ion Ratio Lower Upper

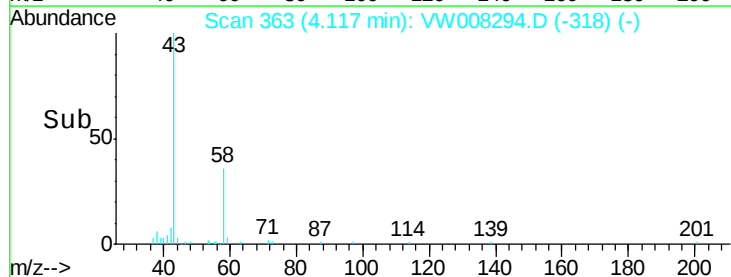
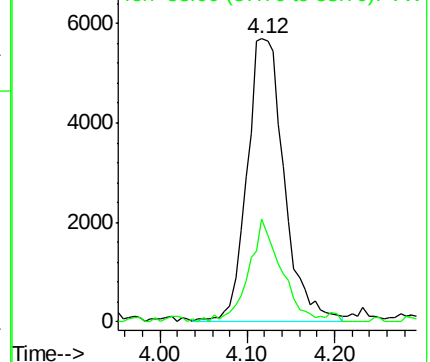
43 100

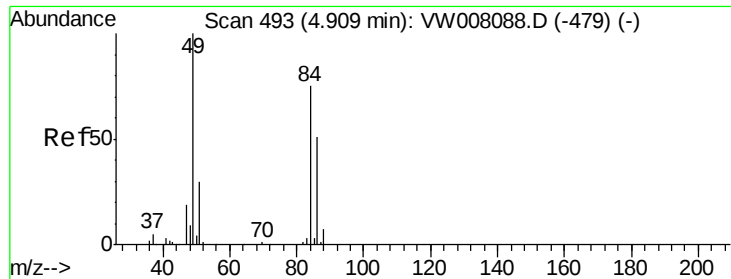
58 36.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

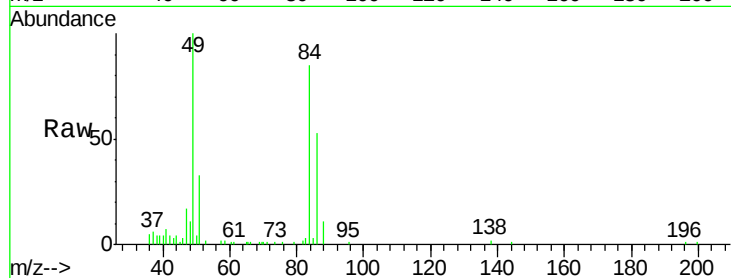




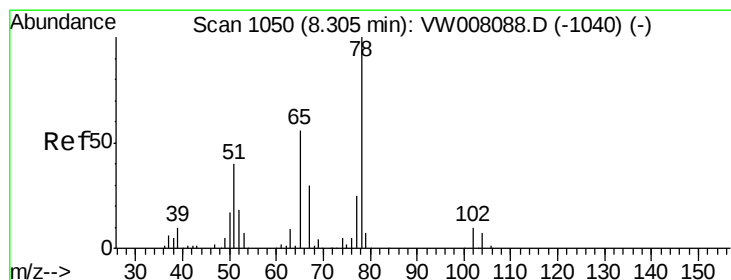
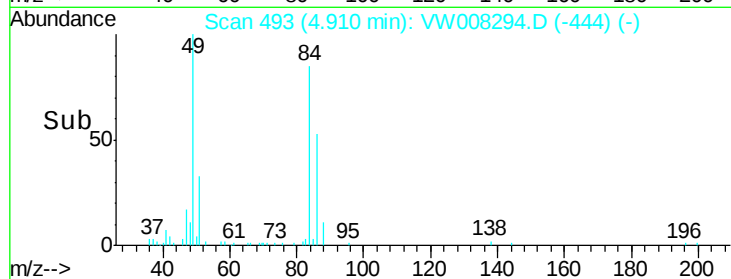
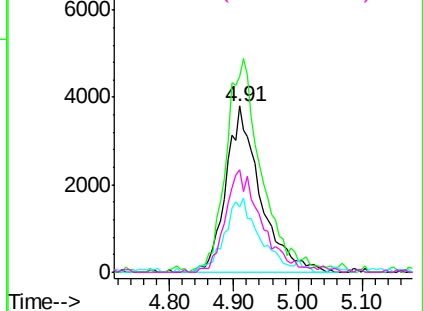
#20
Methylene Chloride
Concen: 15.914 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

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

Tot Ion: 84 Resp: 14190
Ion Ratio Lower Upper
84 100
49 118.0 107.1 160.7
51 39.0 32.4 48.6
86 62.1 54.2 81.4

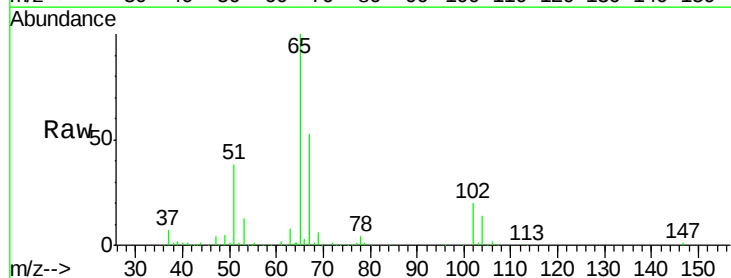


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

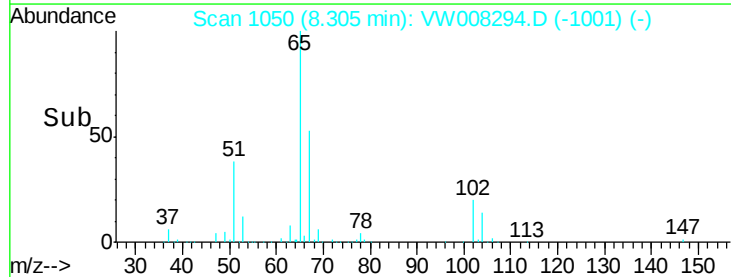
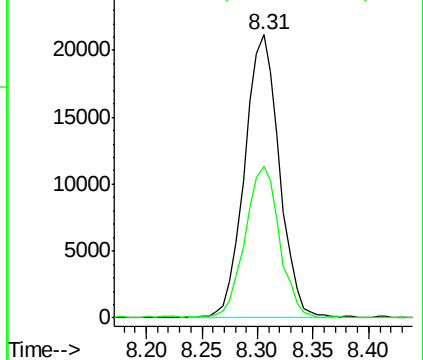


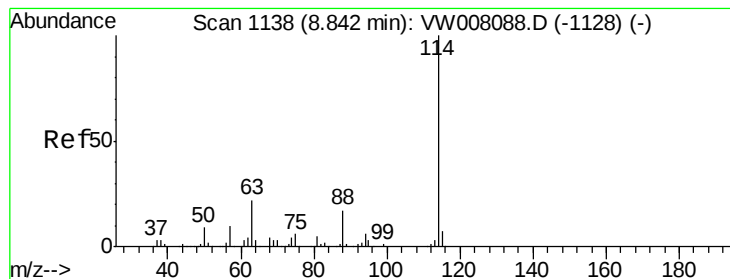
#33
1,2-Dichloroethane-d4
Concen: 61.197 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

Tgt Ion: 65 Resp: 45956
Ion Ratio Lower Upper
65 100
67 53.3 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: VW008294.D

Acq: 15 Jan 2019 20:56

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-A

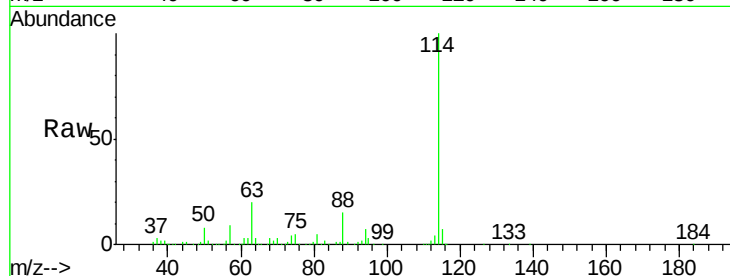
Tot Ion:114 Resp: 131083

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.4

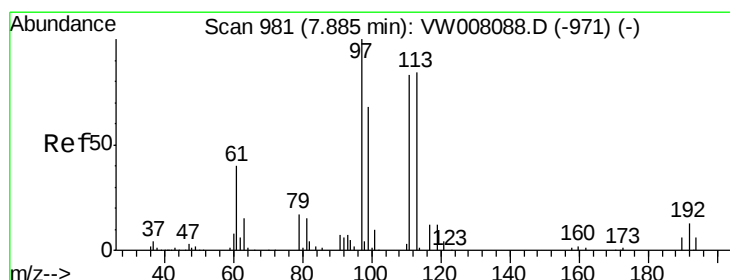
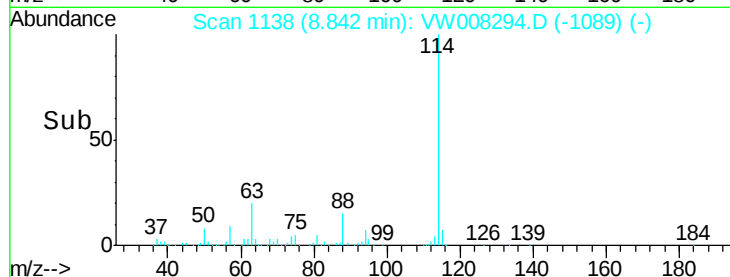
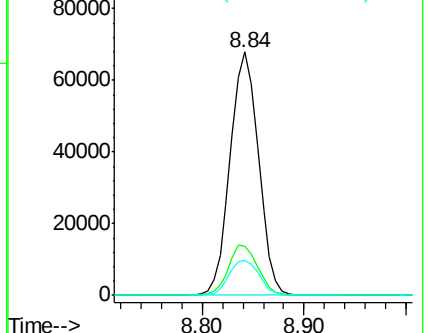
88 14.5 0.0 33.4



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: 55.916 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008294.D

Acq: 15 Jan 2019 20:56

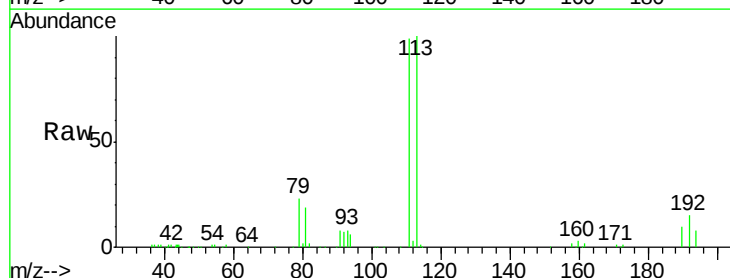
Tgt Ion:113 Resp: 42749

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

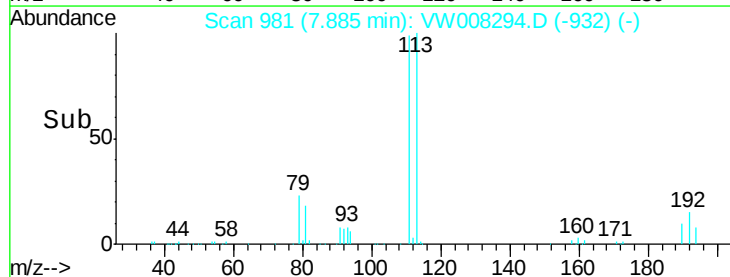
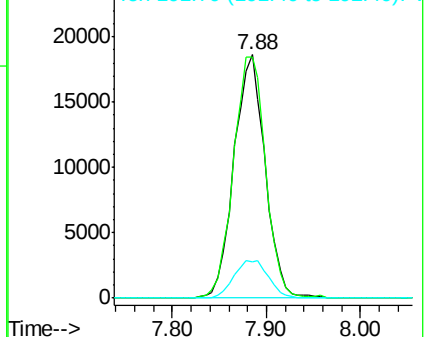
192 17.1 12.8 19.2

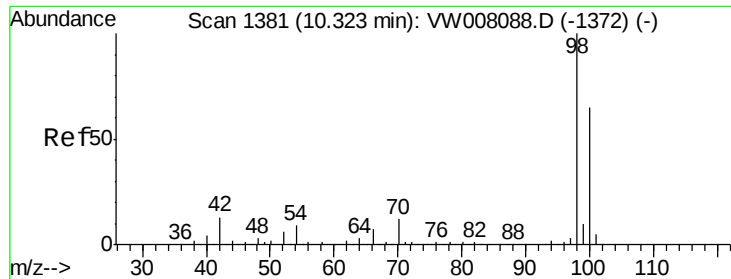


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

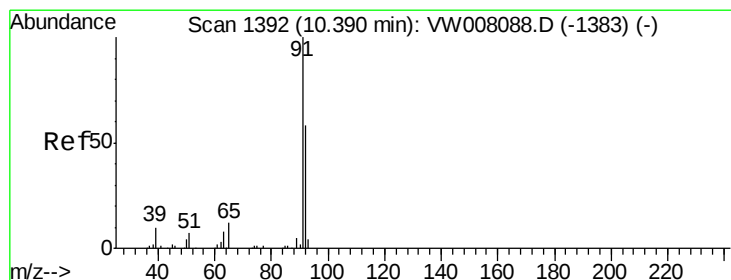
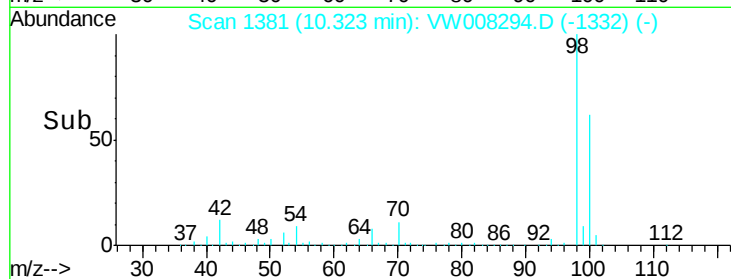
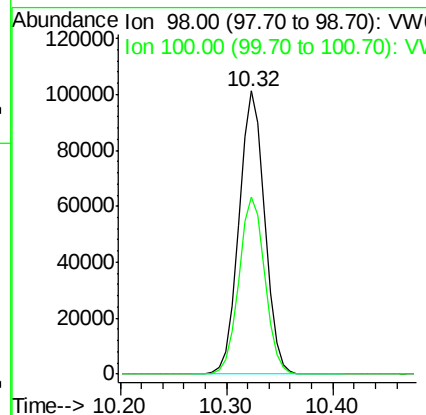
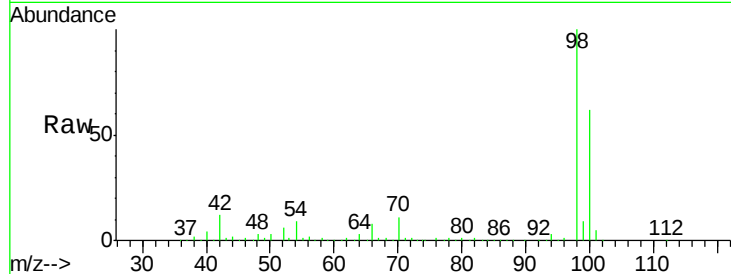




#50
Toluene-d8
Concen: 53.532 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

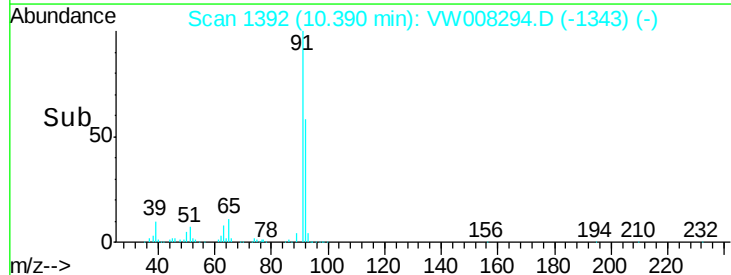
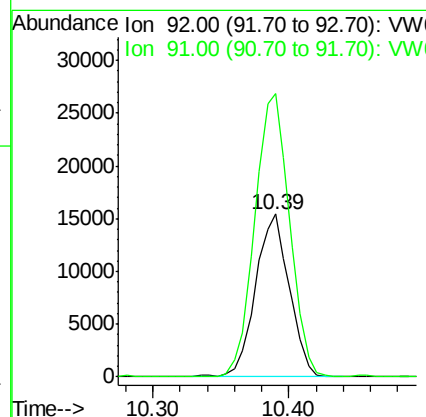
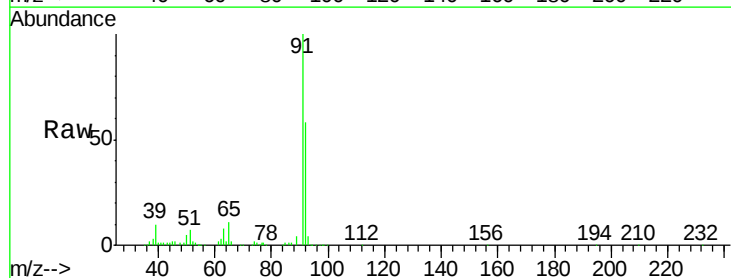
Instrument :
MSVOA_W
ClientSampleId :
OK-01-011519-A

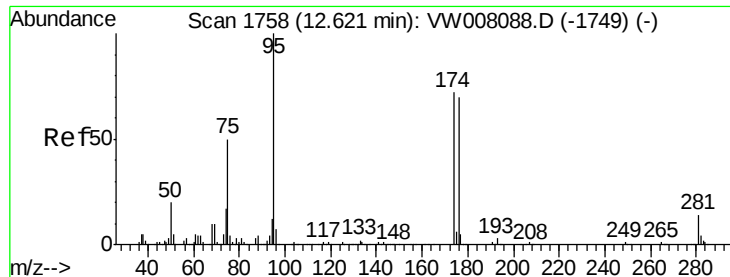
Tot Ion: 98 Resp: 171743
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#52
Toluene
Concen: 11.499 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

Tgt Ion: 92 Resp: 26896
Ion Ratio Lower Upper
92 100
91 179.3 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 48.719 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008294.D

Acq: 15 Jan 2019 20:56

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-A

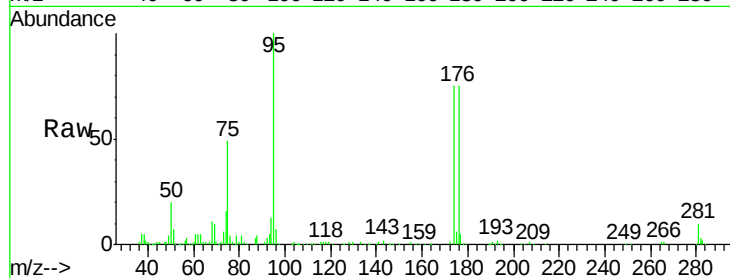
Tot Ion: 95 Resp: 56034

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.0

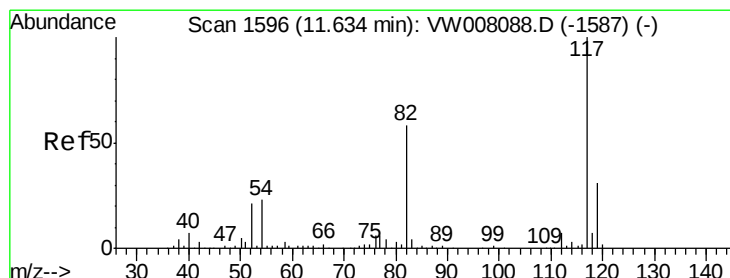
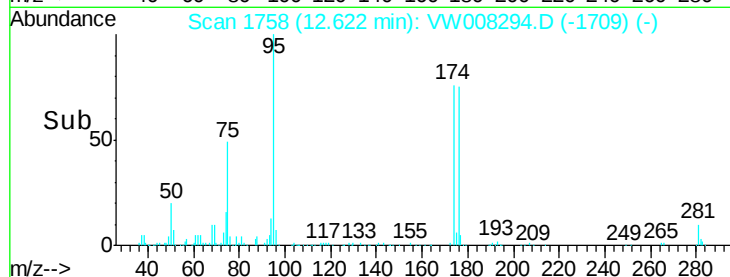
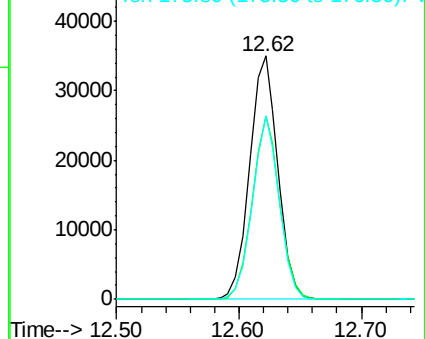
176 71.5 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008294.D

Acq: 15 Jan 2019 20:56

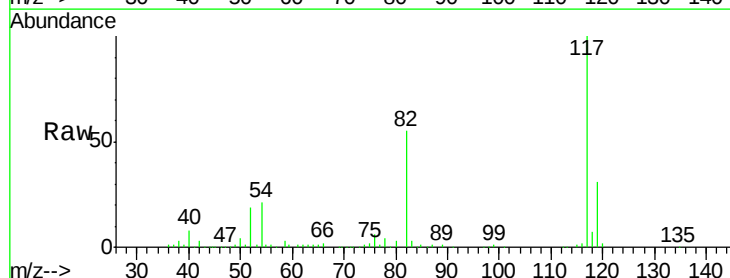
Tgt Ion: 117 Resp: 121383

Ion Ratio Lower Upper

117 100

82 54.5 46.4 69.6

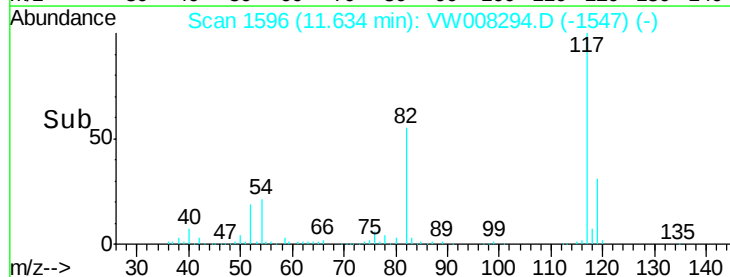
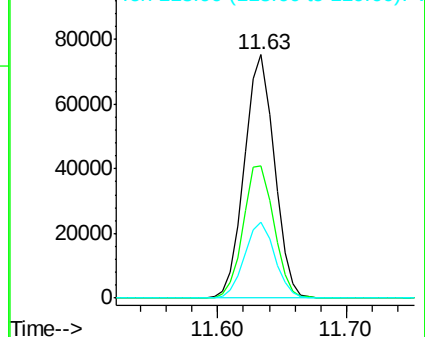
119 31.3 24.7 37.1

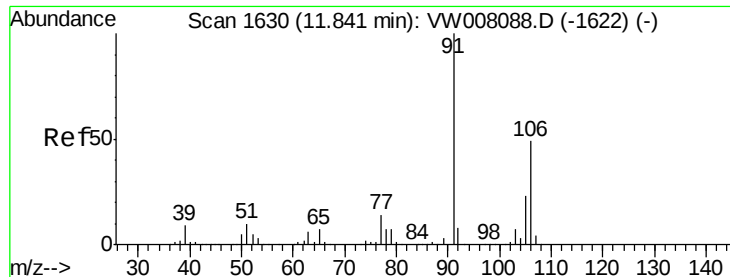


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

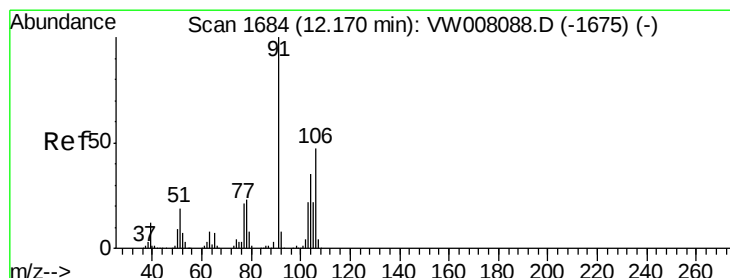
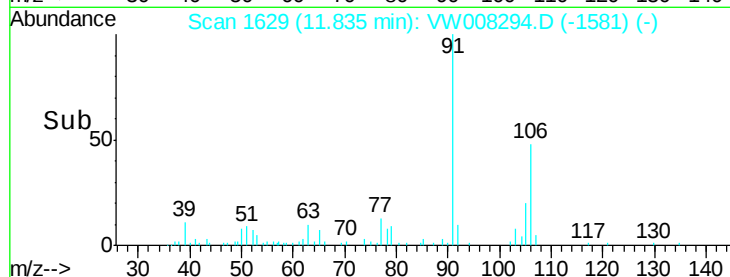
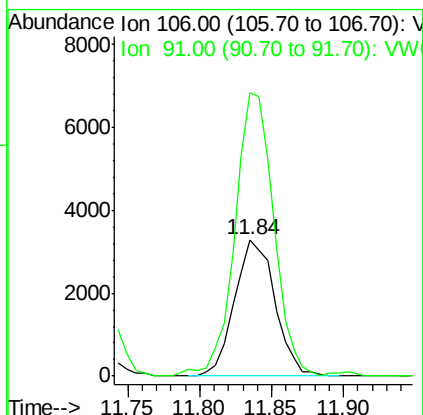
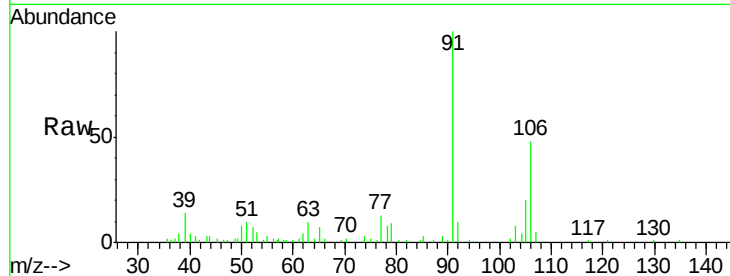




#68
m/p-Xylenes
Concen: 3.575 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

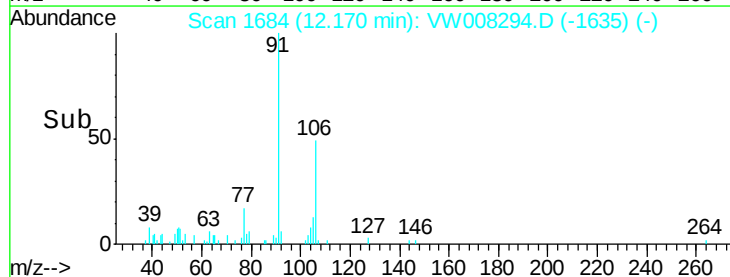
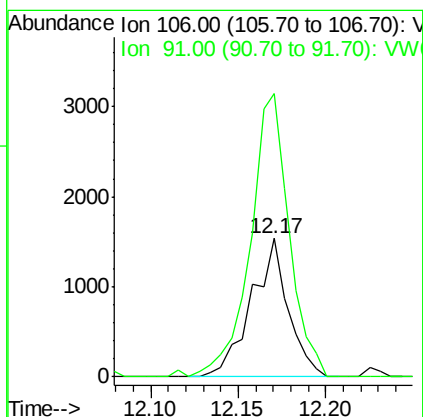
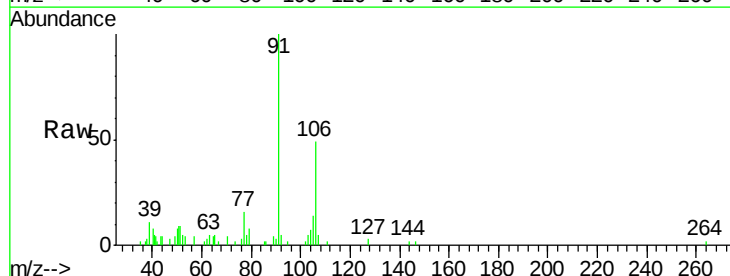
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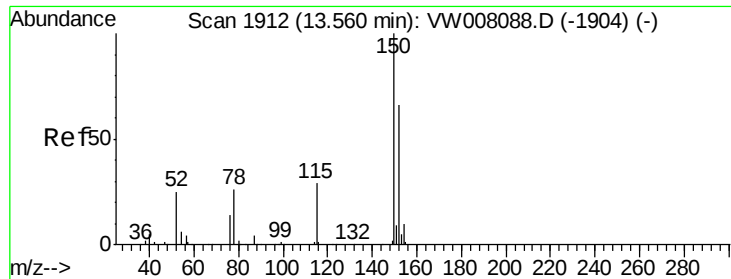
Tot Ion:106 Resp: 6421
Ion Ratio Lower Upper
106 100
91 198.9 162.4 243.6



#69
o-Xylene
Concen: 1.356 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008294.D
Acq: 15 Jan 2019 20:56

Tgt Ion:106 Resp: 2256
Ion Ratio Lower Upper
106 100
91 215.9 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008294.D

Acq: 15 Jan 2019 20:56

Instrument :

MSVOA_W

ClientSampleId :

OK-01-011519-A

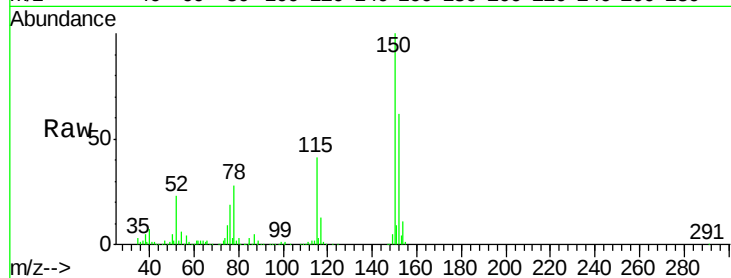
Tot Ion:152 Resp: 51999

Ion Ratio Lower Upper

152 100

115 60.4 30.8 92.4

150 157.5 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

