

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011143.D
 Acq On : 03 Jul 2019 16:45
 Operator : SY/VA
 Sample : K3622-01
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-070319-A

Quant Time: Jul 04 04:17:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

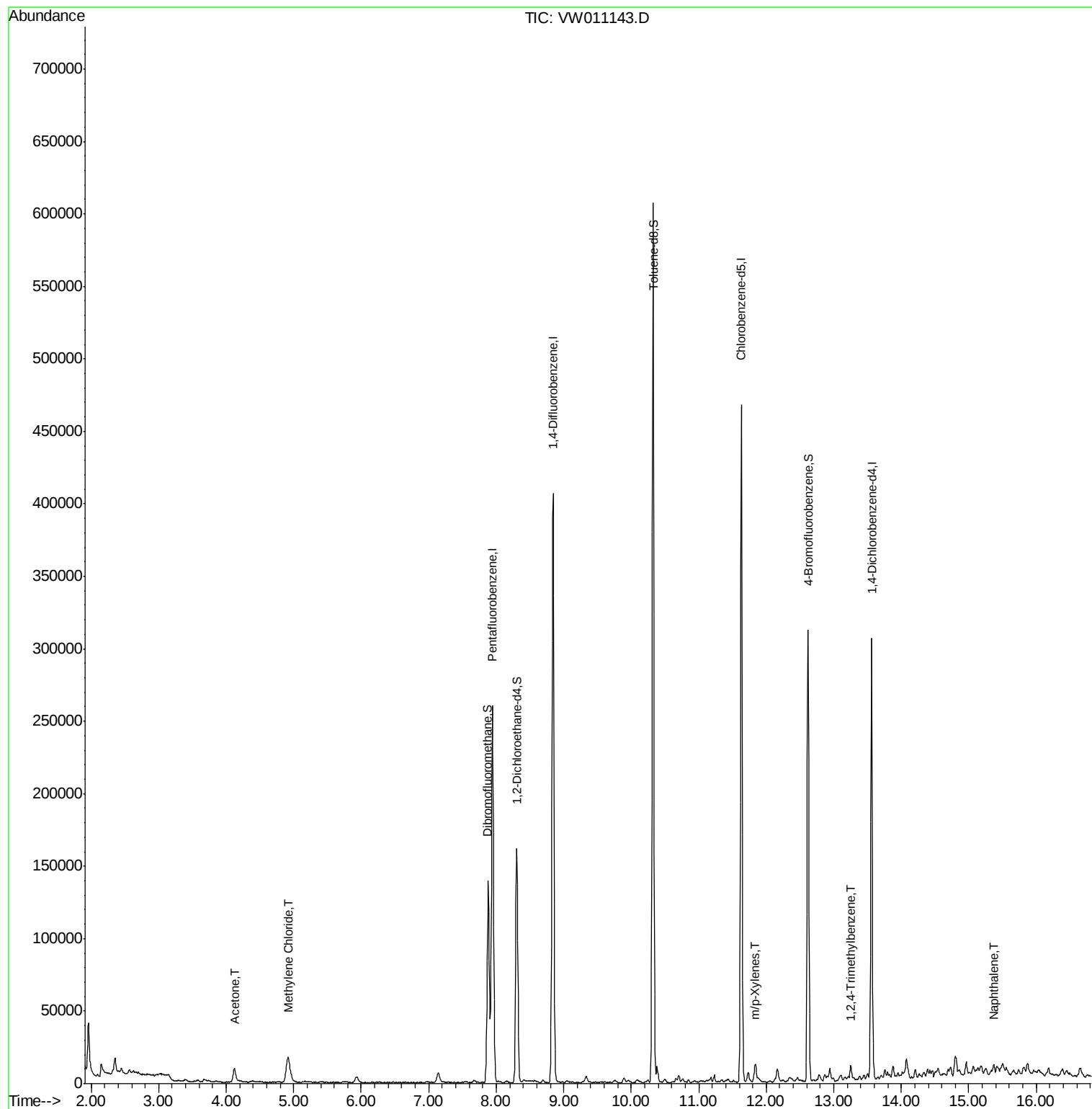
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	238202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126089	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	96404	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
50) Toluene-d8	10.32	98	375777	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.62	95	100915	34.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.90%	
Target Compounds						
16) Acetone	4.12	43	18201	30.864	ug/l	99
20) Methylene Chloride	4.92	84	14772	6.165	ug/l	95
68) m/p-Xylenes	11.84	106	3459	1.021	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	5627	1.195	ug/l	94
95) Naphthalene	15.37	128	5538	1.952	ug/l #	95

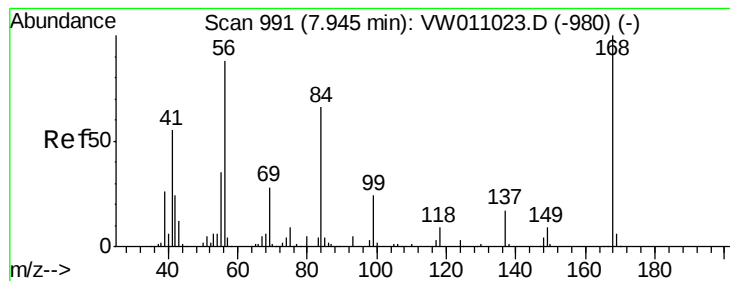
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011143.D

Acq: 03 Jul 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

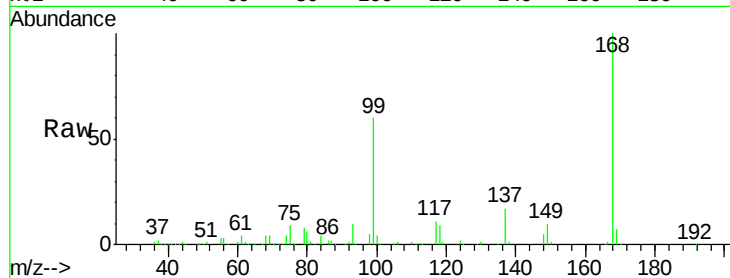
OR-02-070319-A

Tot Ion:168 Resp: 184810

Ion Ratio Lower Upper

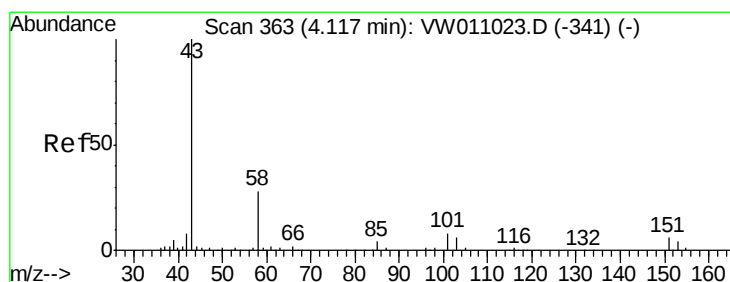
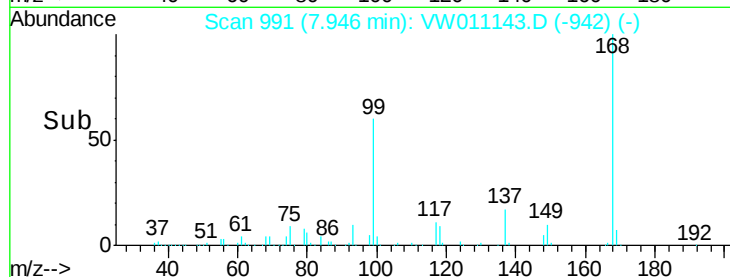
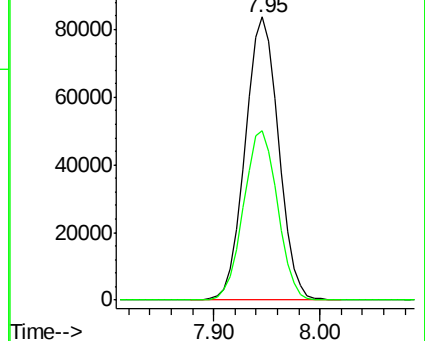
168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 30.864 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011143.D

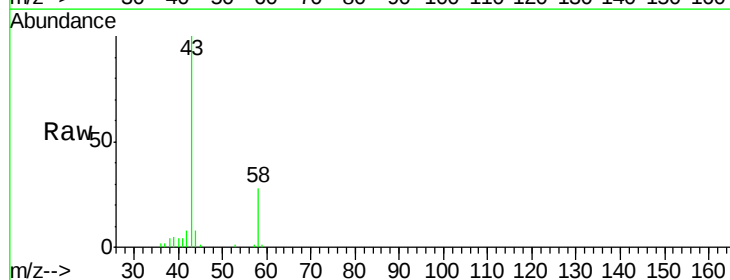
Acq: 03 Jul 2019 16:45

Tgt Ion: 43 Resp: 18201

Ion Ratio Lower Upper

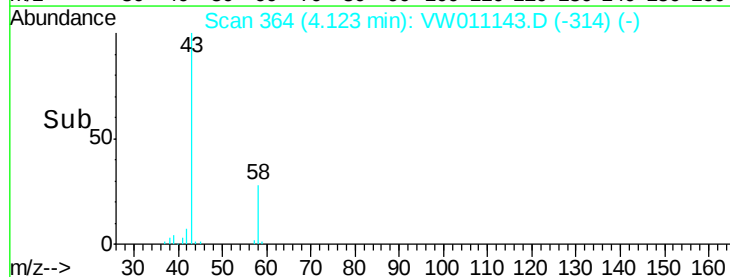
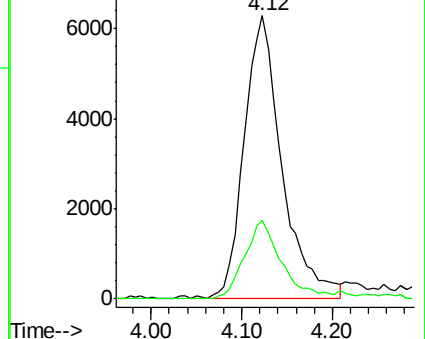
43 100

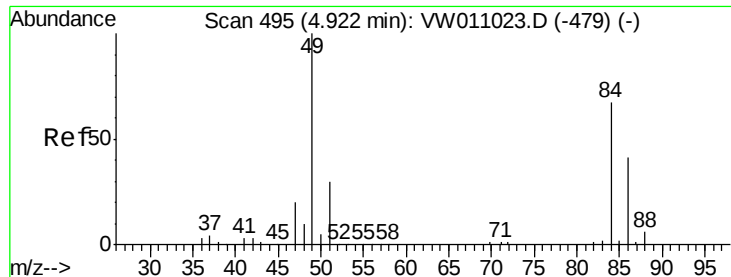
58 27.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

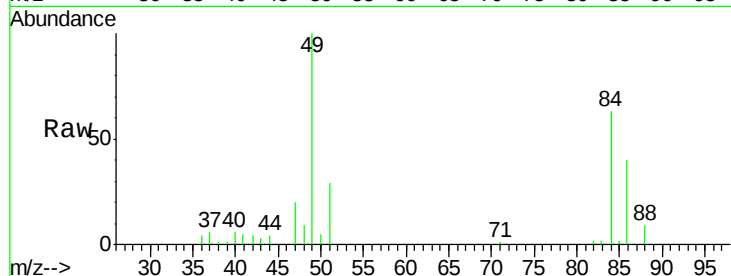




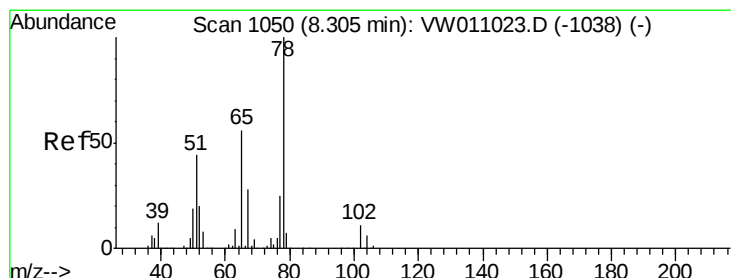
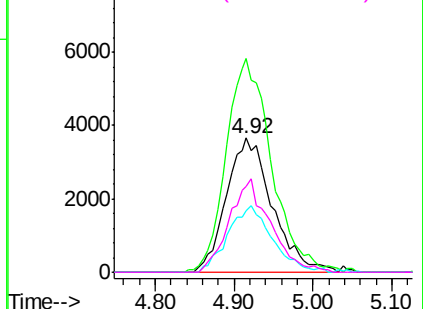
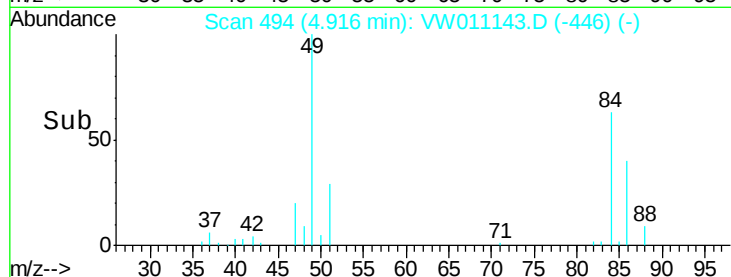
#20
Methylene Chloride
Concen: 6.165 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070319-A

Tot Ion: 84 Resp: 14772
Ion Ratio Lower Upper
84 100
49 157.0 119.6 179.4
51 45.8 35.6 53.4
86 63.6 49.0 73.6

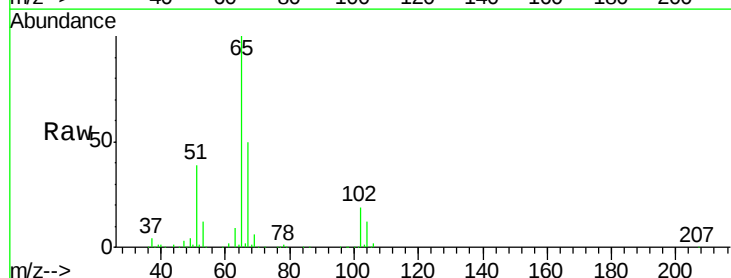


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

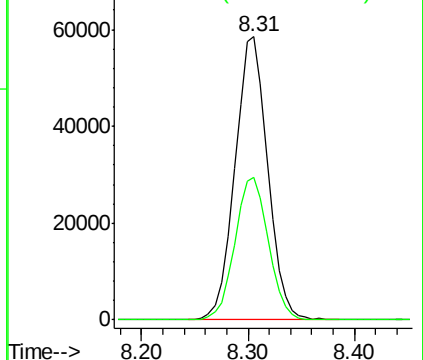
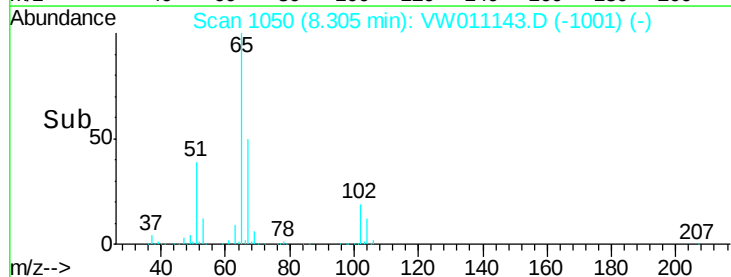


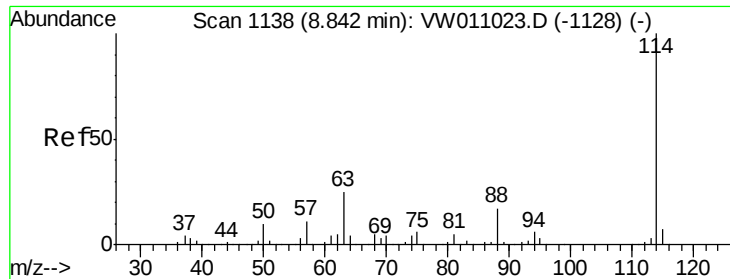
#33
1,2-Dichloroethane-d4
Concen: 52.190 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Tgt Ion: 65 Resp: 126089
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

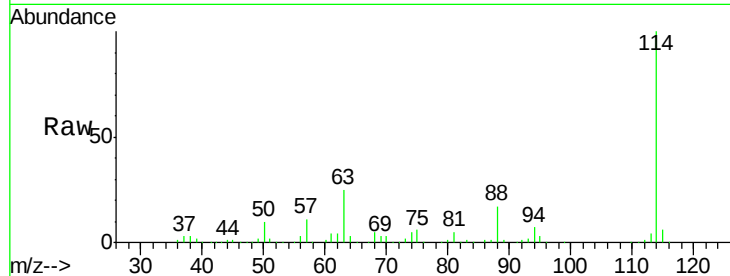




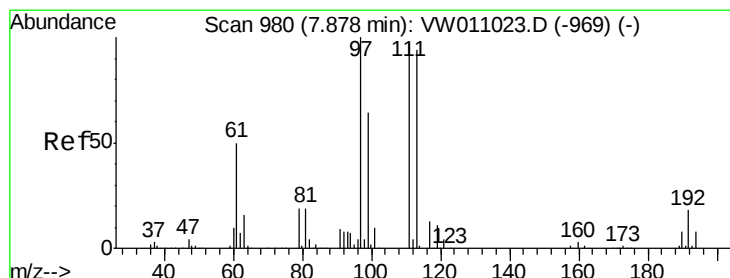
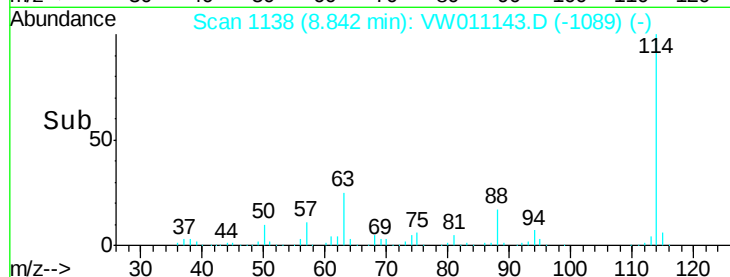
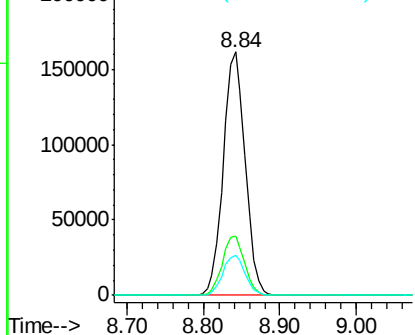
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070319-A

Tot Ion:114 Resp: 318620
Ion Ratio Lower Upper
114 100
63 24.5 0.0 50.6
88 16.5 0.0 34.0

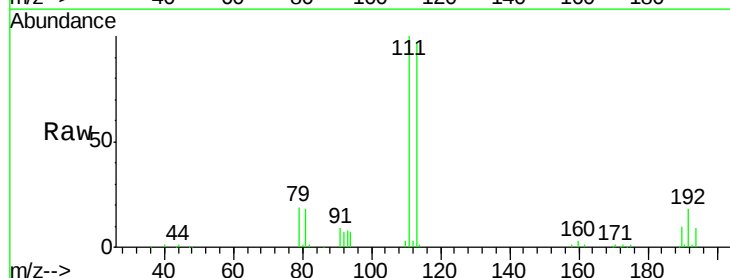


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

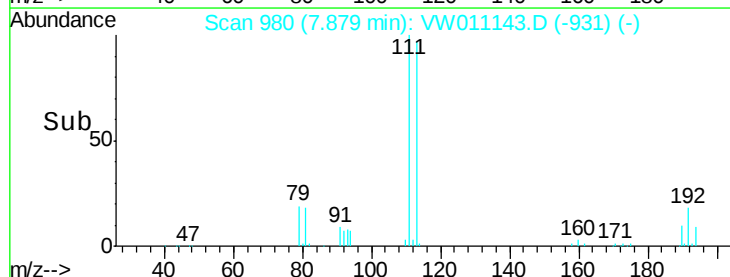
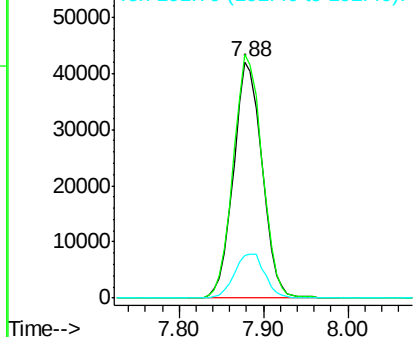


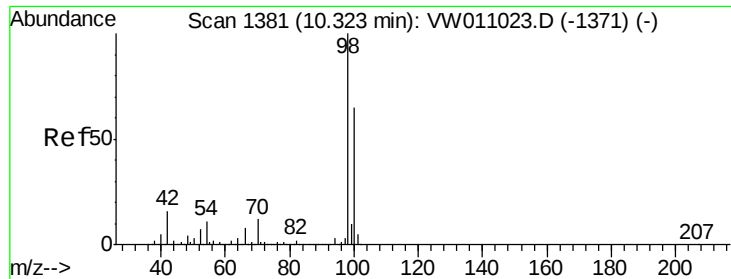
#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Tgt Ion:113 Resp: 96404
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 19.9 16.0 24.0



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: 46.921 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011143.D

Acq: 03 Jul 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

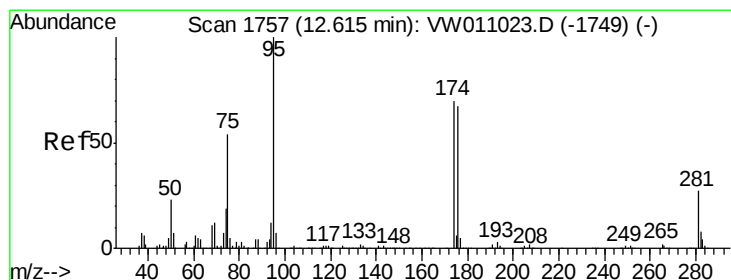
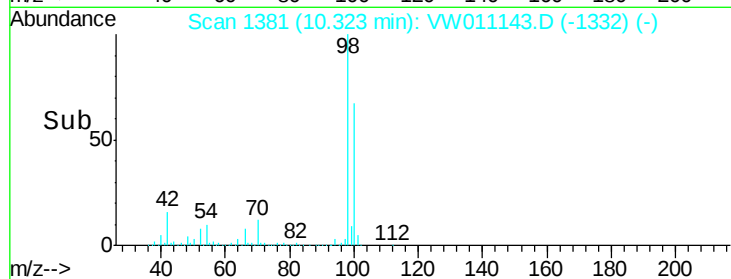
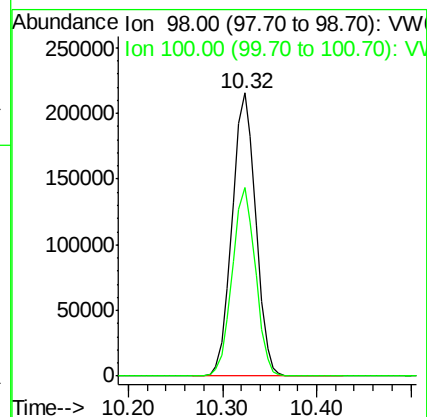
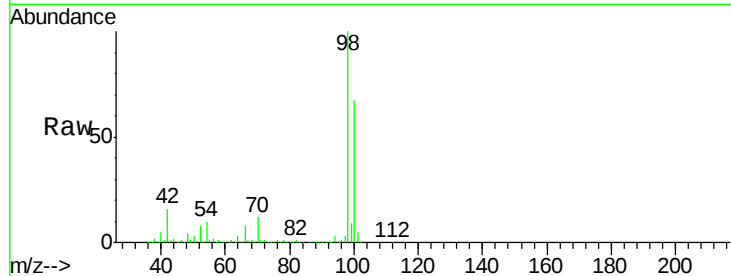
OR-02-070319-A

Tot Ion: 98 Resp: 375777

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 34.452 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011143.D

Acq: 03 Jul 2019 16:45

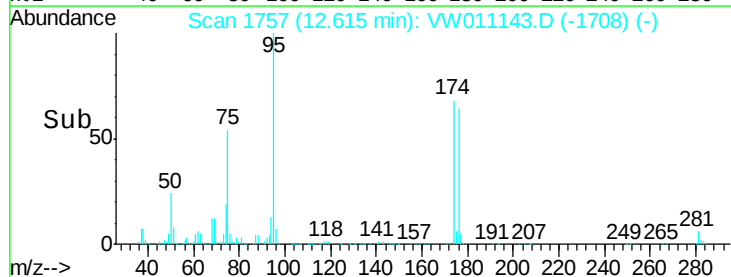
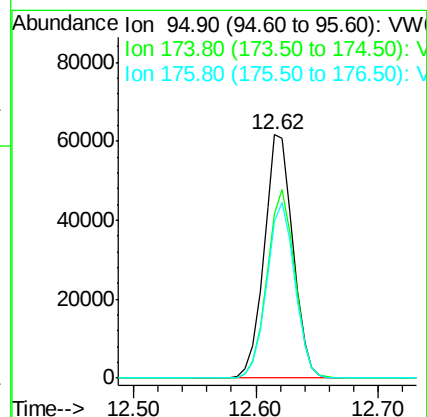
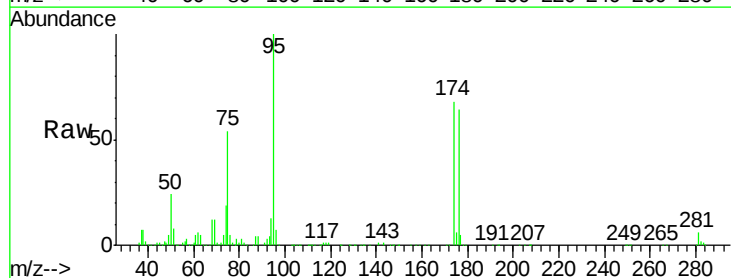
Tgt Ion: 95 Resp: 100915

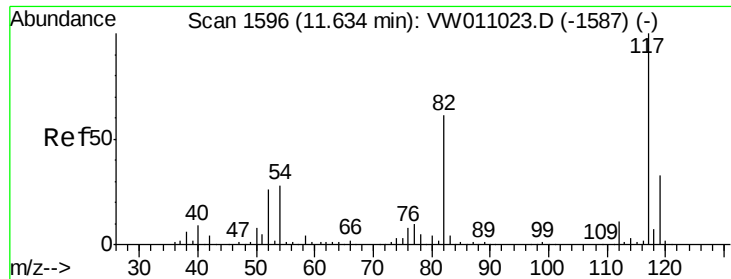
Ion Ratio Lower Upper

95 100

174 75.0 0.0 149.2

176 70.7 0.0 143.6

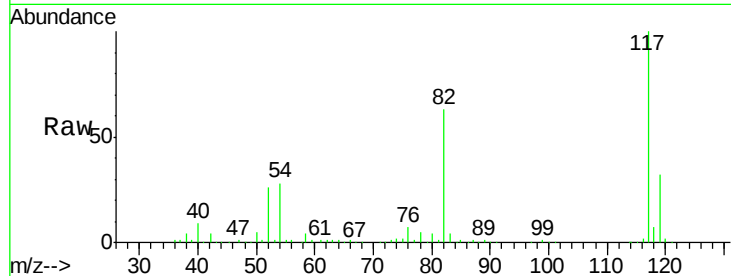




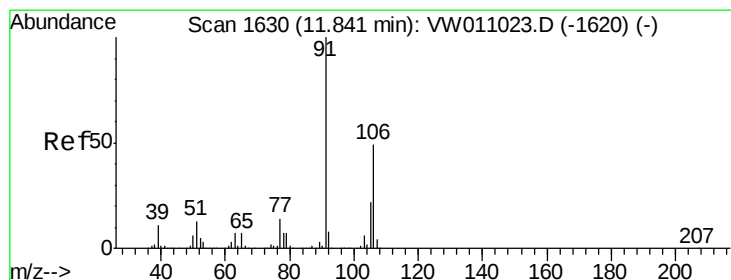
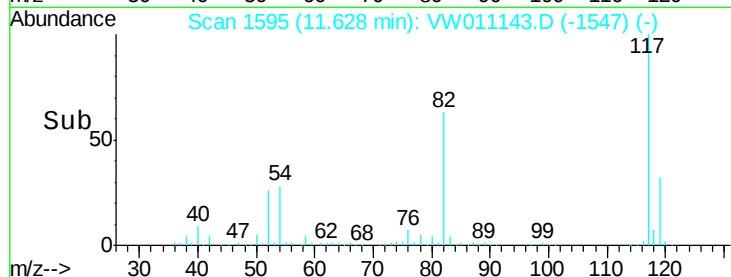
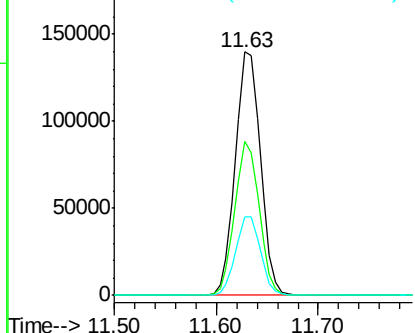
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Instrument :
MSVOA_W
ClientSampleId :
OR-02-070319-A

Tot Ion:117 Resp: 238202
Ion Ratio Lower Upper
117 100
82 63.0 48.6 73.0
119 32.0 26.1 39.1

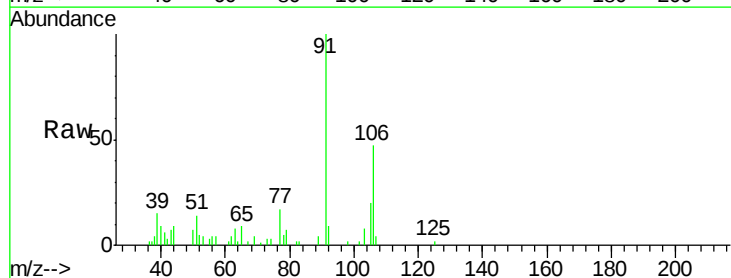


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

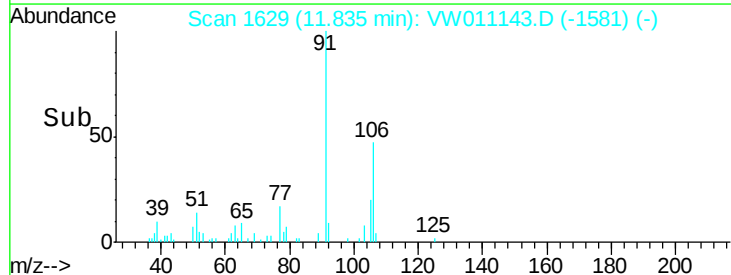
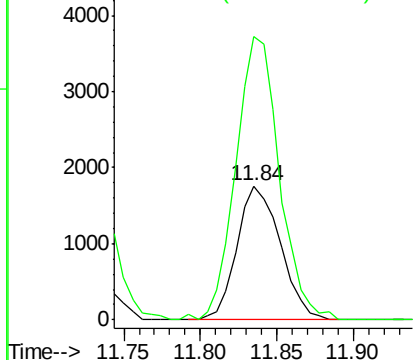


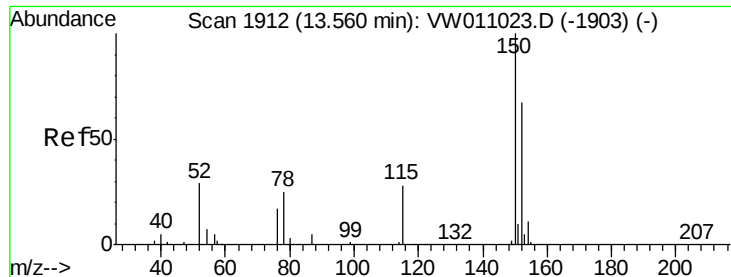
#68
m/p-Xylenes
Concen: 1.021 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011143.D
Acq: 03 Jul 2019 16:45

Tgt Ion:106 Resp: 3459
Ion Ratio Lower Upper
106 100
91 212.4 167.5 251.3



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: VW011143.D

Acq: 03 Jul 2019 16:45

Instrument :

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ClientSampleId :

OR-02-070319-A

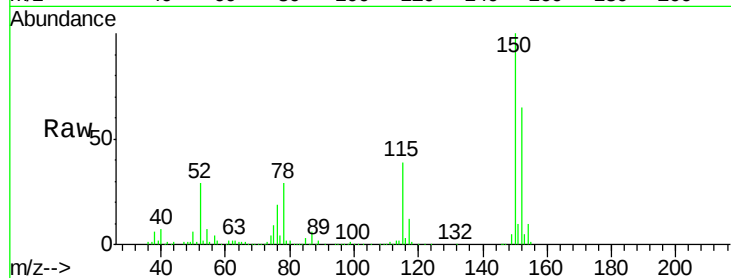
Tot Ion:152 Resp: 73366

Ion Ratio Lower Upper

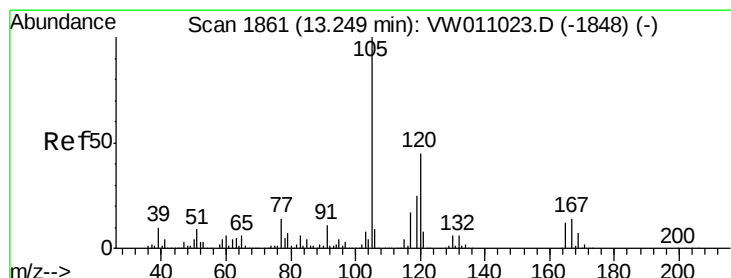
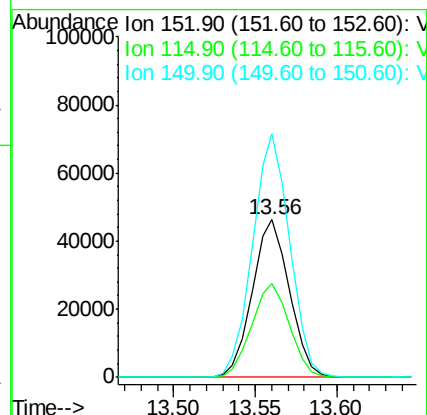
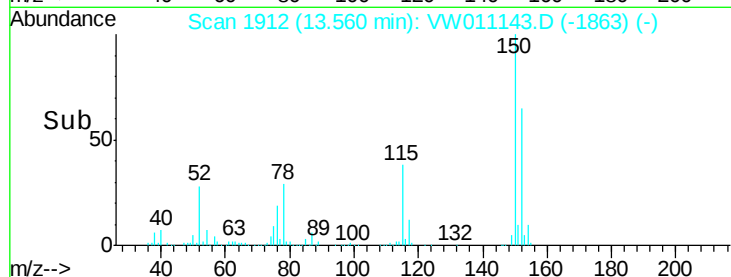
152 100

115 60.6 30.7 92.1

150 154.4 0.0 341.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.195 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW011143.D

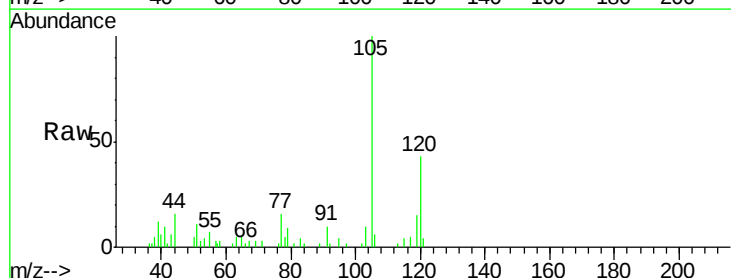
Acq: 03 Jul 2019 16:45

Tgt Ion:105 Resp: 5627

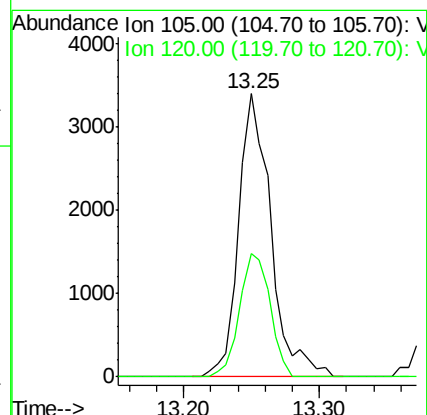
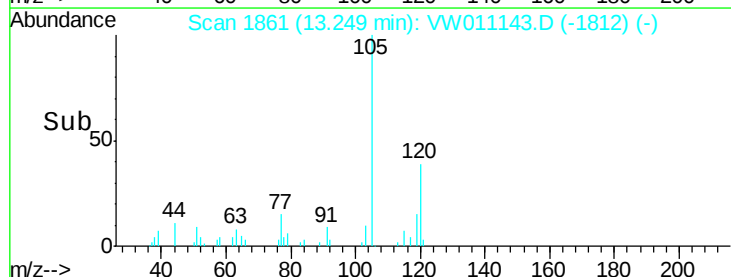
Ion Ratio Lower Upper

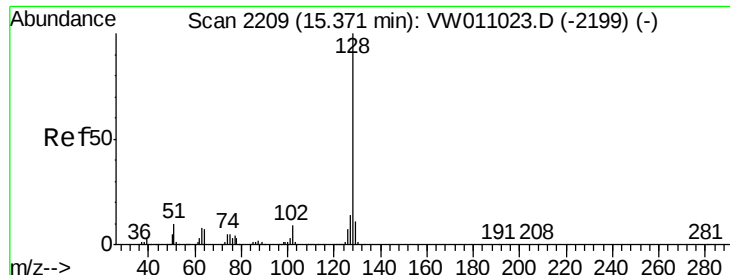
105 100

120 40.9 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.952 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011143.D

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OR-02-070319-A

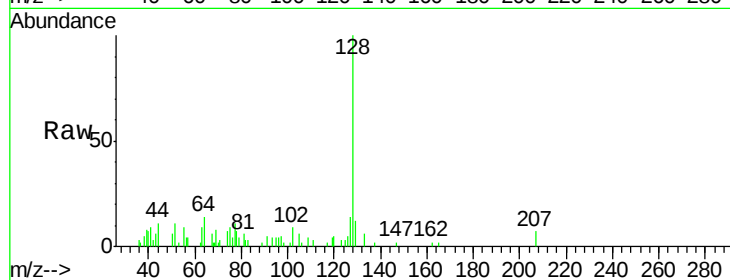
Tot Ion:128 Resp: 5538

Ion Ratio Lower Upper

128 100

127 14.2 10.7 16.1

129 14.0 8.8 13.2#



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

