

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004259.D
 Acq On : 27 Jul 2018 08:03
 Operator : SY/AP
 Sample : J4099-04RE
 Misc : 5.69G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-04RE

Quant Time: Jul 27 08:52:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

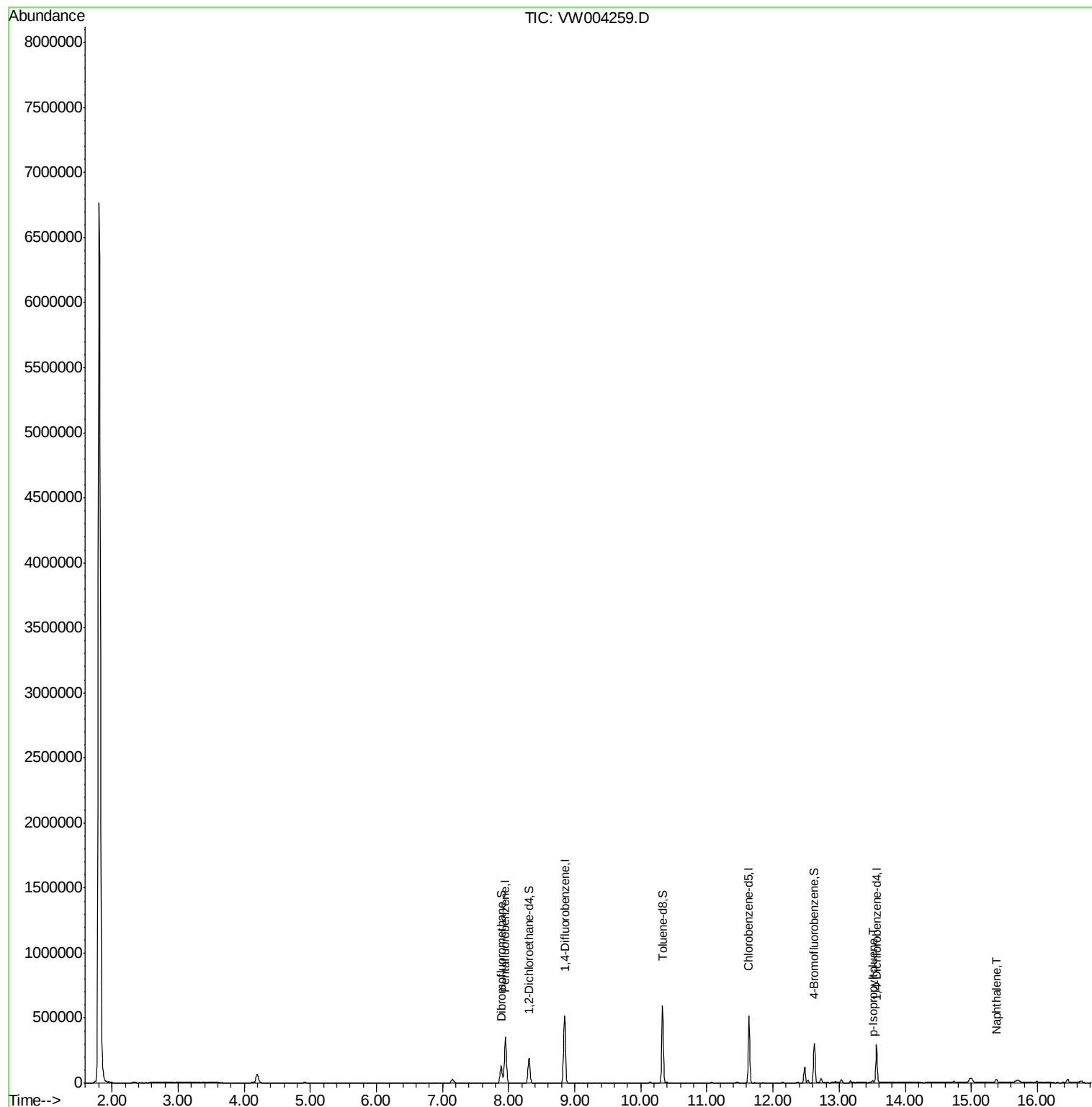
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	428792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152105	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	7.88	113	96831	35.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.40%	
50) Toluene-d8	10.33	98	393340	36.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.70%	
62) 4-Bromofluorobenzene	12.62	95	100668	26.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.30%	
Target Compounds						
86) p-Isopropyltoluene	13.51	119	7770	1.569	ug/l	93
95) Naphthalene	15.38	128	19667	6.618	ug/l	99

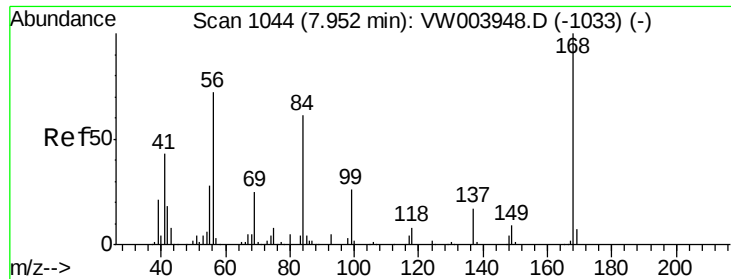
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004259.D

Acq: 27 Jul 2018 08:03

Instrument :

MSVOA_W

ClientSampleId :

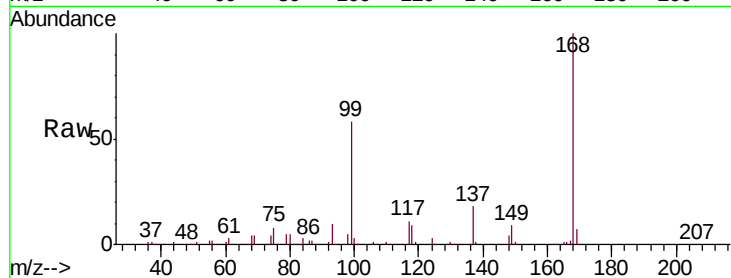
GL-TOPSOIL-04RE

Tot Ion:168 Resp: 258984

Ion Ratio Lower Upper

168 100

99 57.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

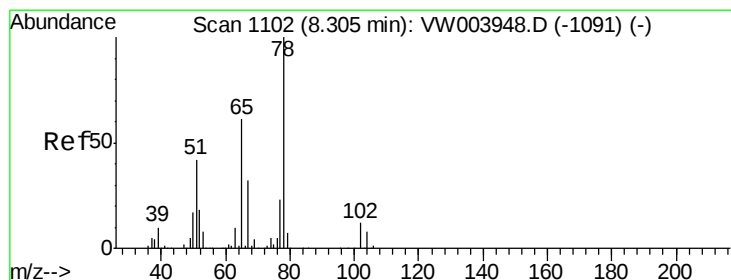
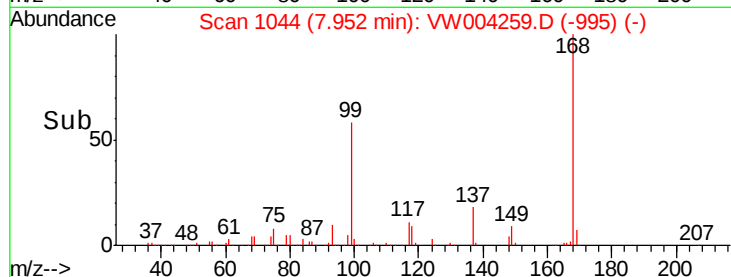
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.542 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004259.D

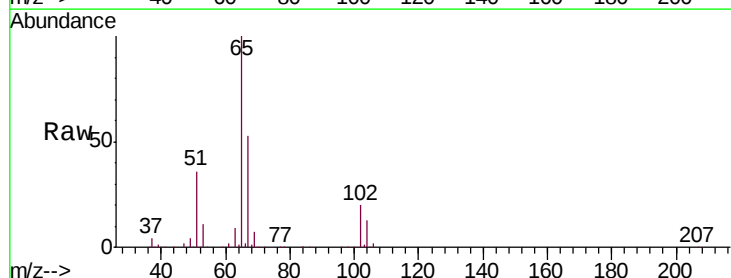
Acq: 27 Jul 2018 08:03

Tgt Ion: 65 Resp: 152105

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

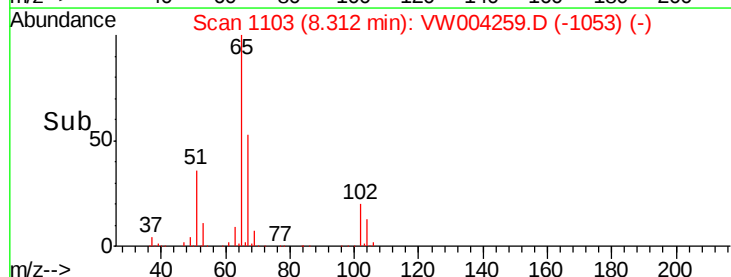
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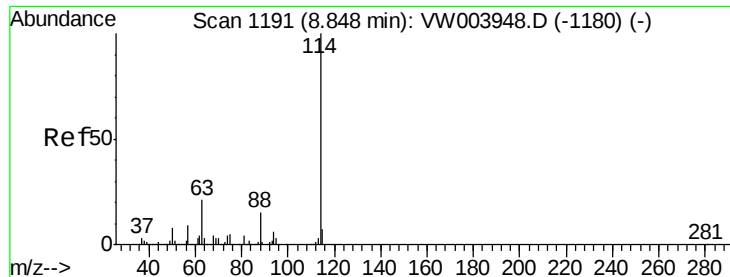
40000

20000

0

Time-->

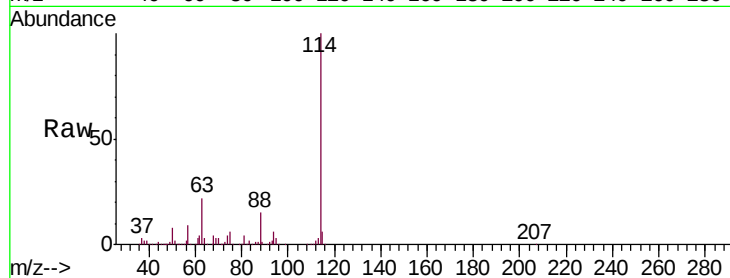




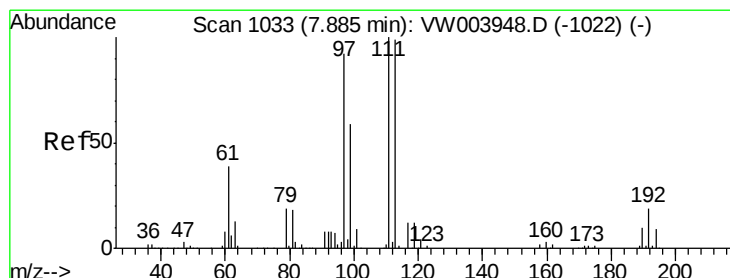
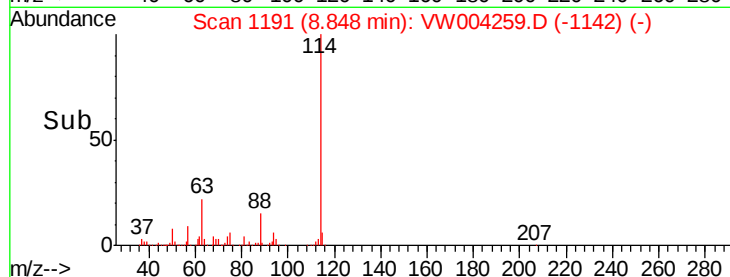
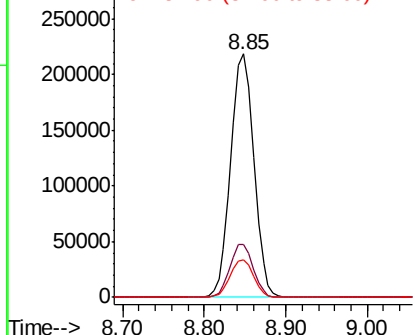
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004259.D
Acq: 27 Jul 2018 08:03

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-04RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	15.4	0.0	30.4

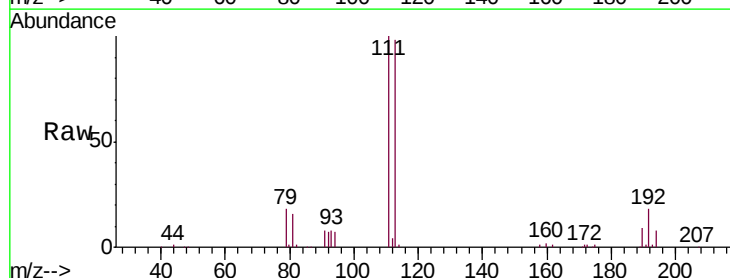


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

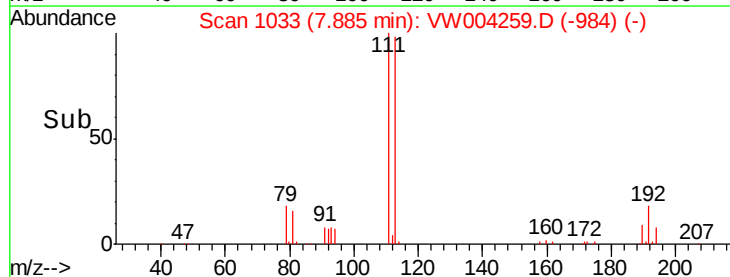
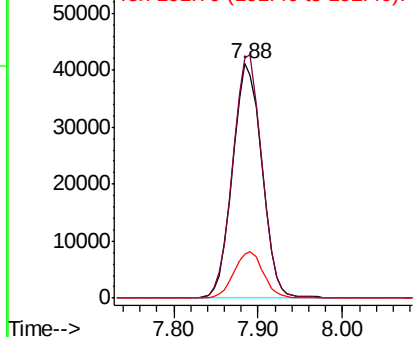


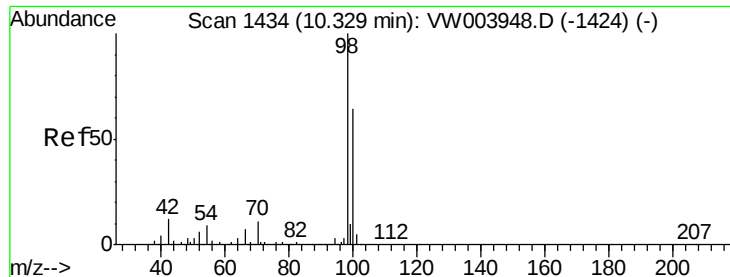
#35
Dibromofluoromethane
Concen: 35.195 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004259.D
Acq: 27 Jul 2018 08:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.3	121.9
192	19.6	15.8	23.6



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: 36.845 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004259.D

Acq: 27 Jul 2018 08:03

Instrument :

MSVOA_W

ClientSampleId :

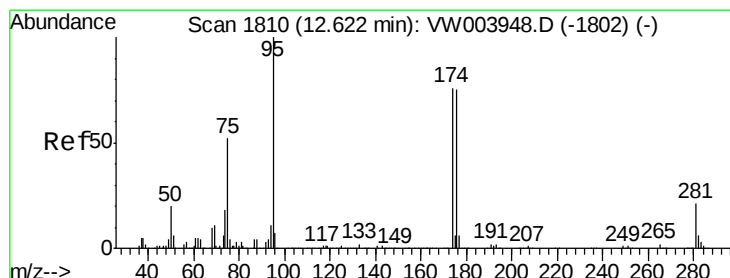
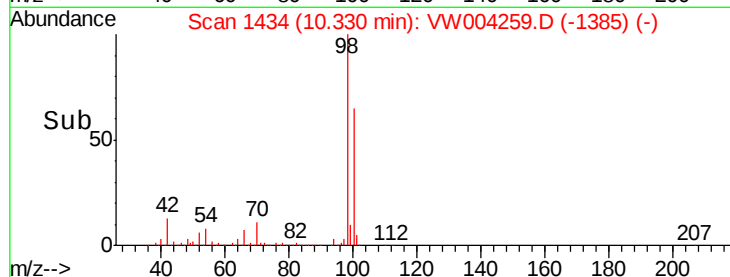
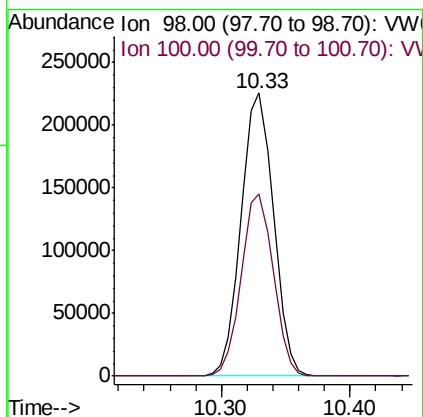
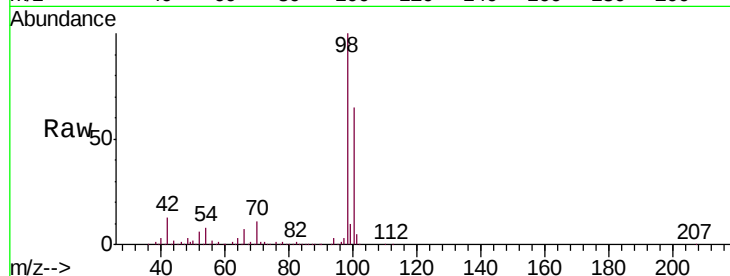
GL-TOPSOIL-04RE

Tot Ion: 98 Resp: 393340

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 26.150 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004259.D

Acq: 27 Jul 2018 08:03

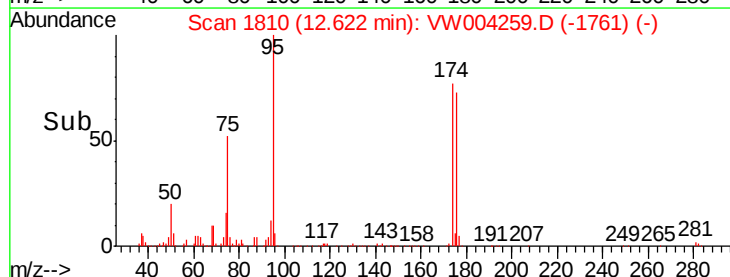
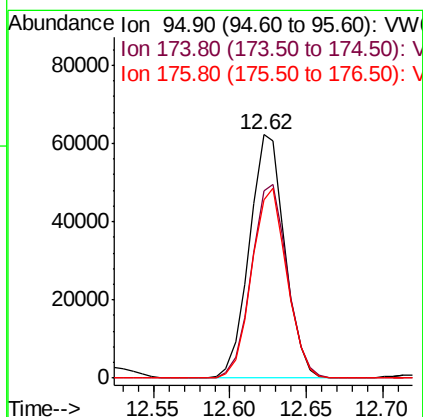
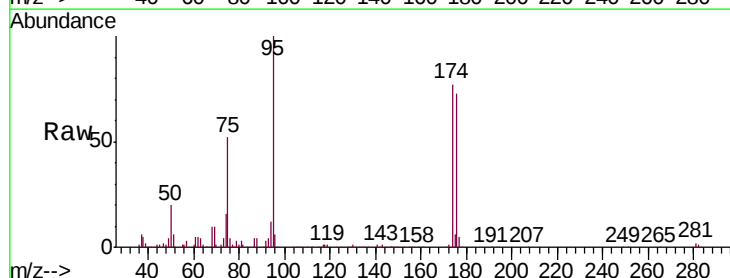
Tgt Ion: 95 Resp: 100668

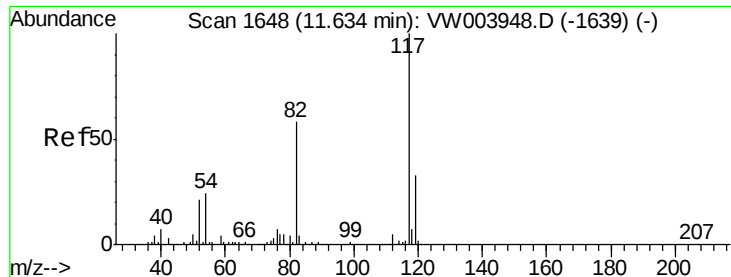
Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.2

176 77.3 0.0 155.8

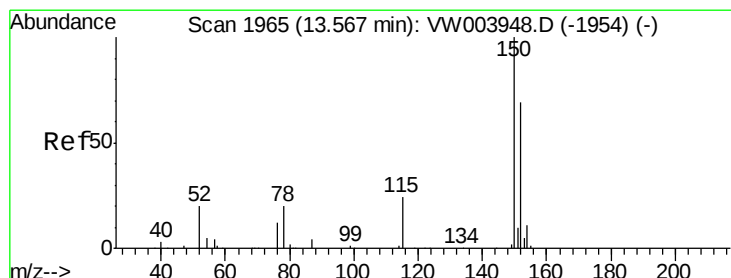
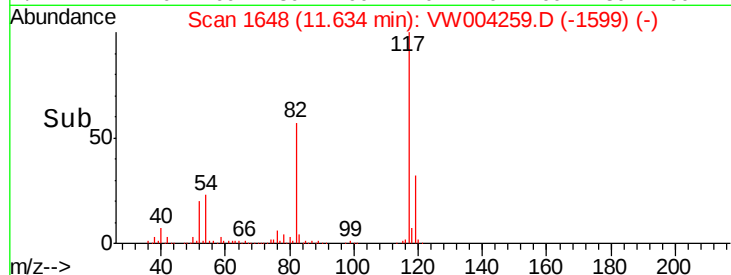
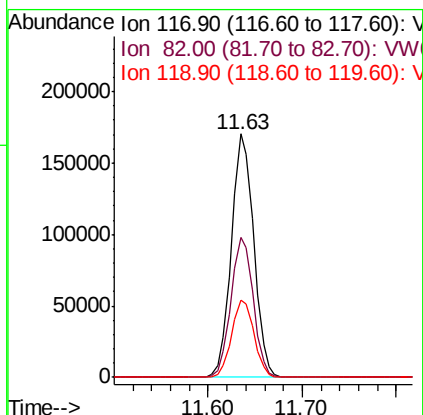
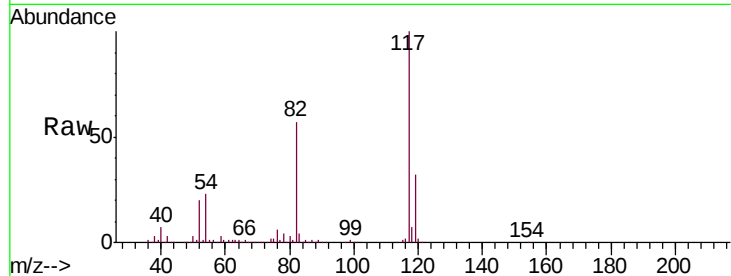




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004259.D
Acq: 27 Jul 2018 08:03

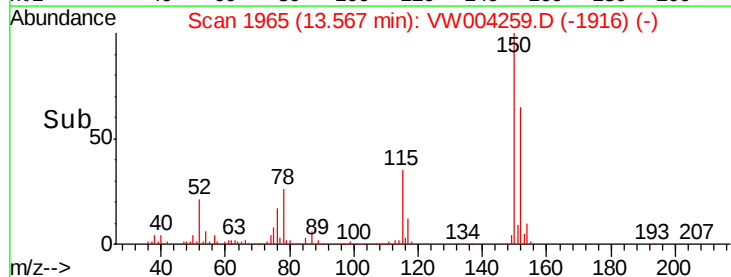
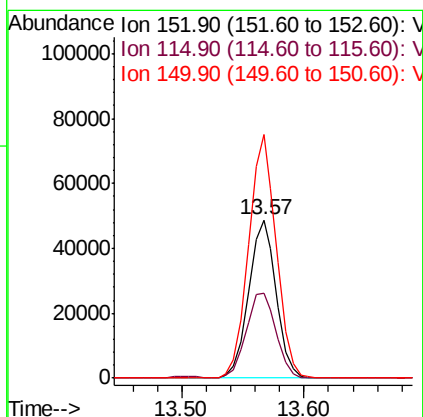
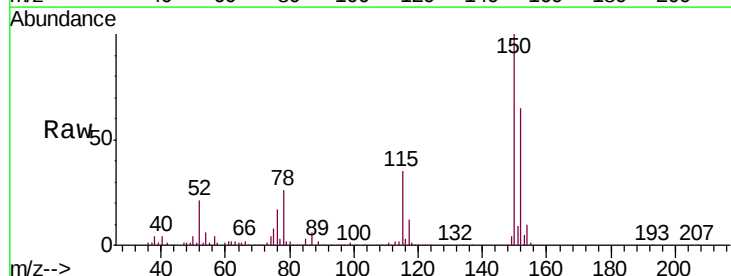
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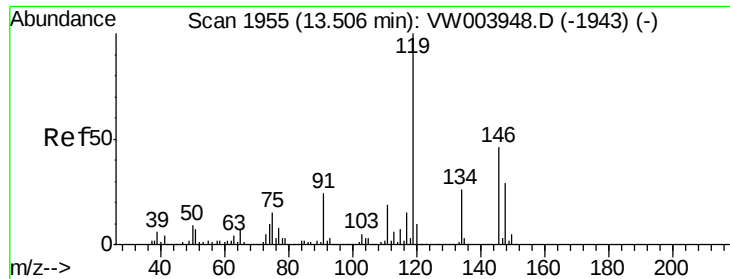
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	31.9	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004259.D
Acq: 27 Jul 2018 08:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.2	87.6
150	154.1	0.0	345.2

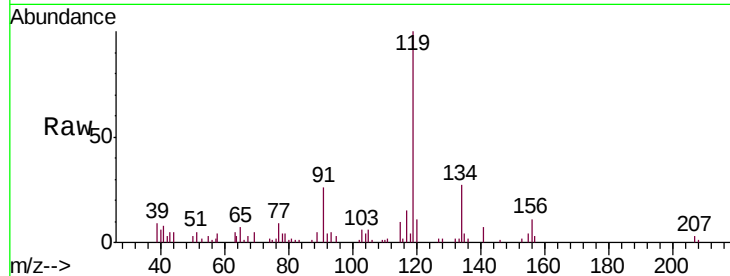




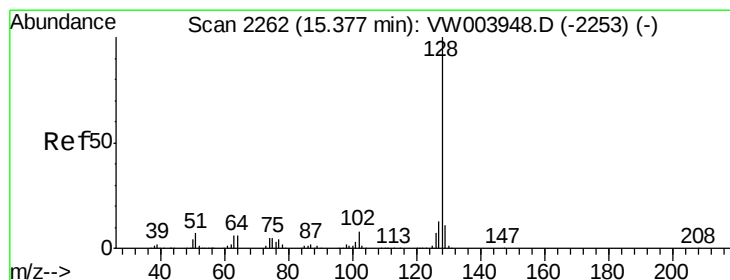
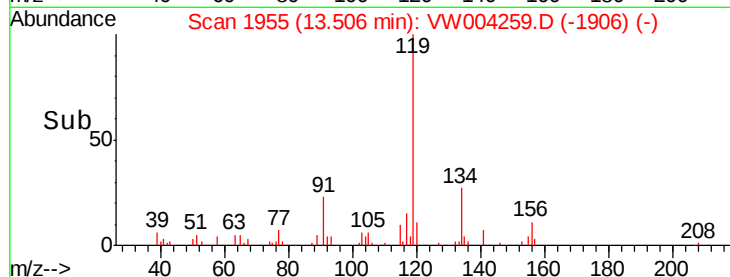
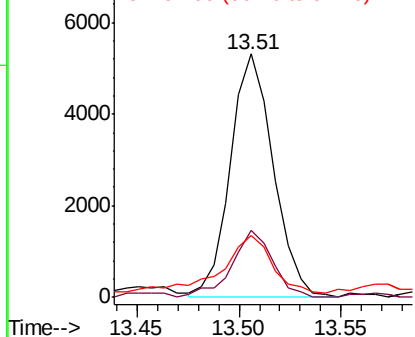
#86
 p-Isopropyltoluene
 Concen: 1.569 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004259.D
 Acq: 27 Jul 2018 08:03

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-04RE

Tot Ion:119 Resp: 7770
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 30.8 11.8 35.3

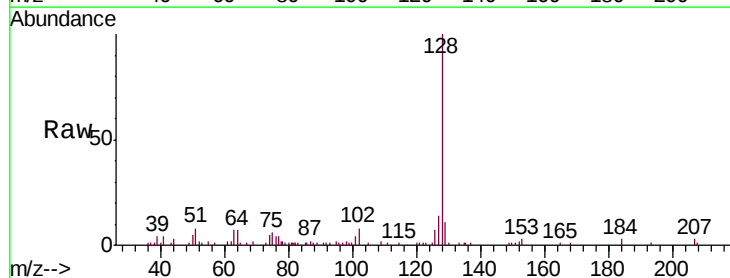


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 6.618 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004259.D
 Acq: 27 Jul 2018 08:03

Tgt Ion:128 Resp: 19667
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.7 16.1
 129 11.7 8.7 13.1



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

