

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007614.D
 Acq On : 16 Dec 2018 06:50
 Operator : SY/AP
 Sample : J6378-20
 Misc : 3.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-1218-01

Quant Time: Dec 17 01:09:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

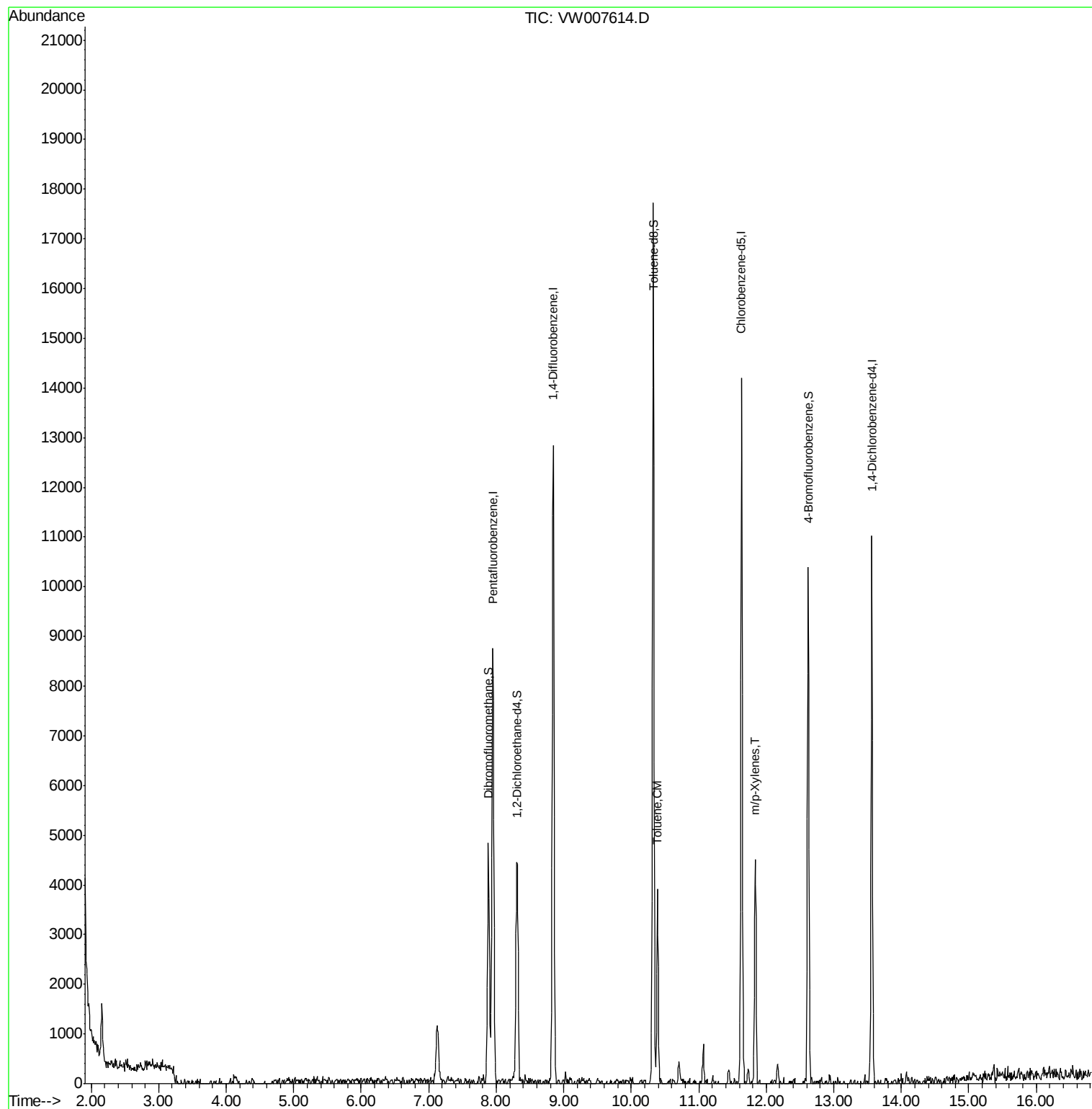
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	11451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4047	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
35) Dibromofluoromethane	7.88	113	3335	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.32	98	12060	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.62	95	3345	35.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.00%	
Target Compounds						
52) Toluene	10.39	92	1685	8.982	ug/l	85
68) m/p-Xylenes	11.84	106	1455	13.063	ug/l	99

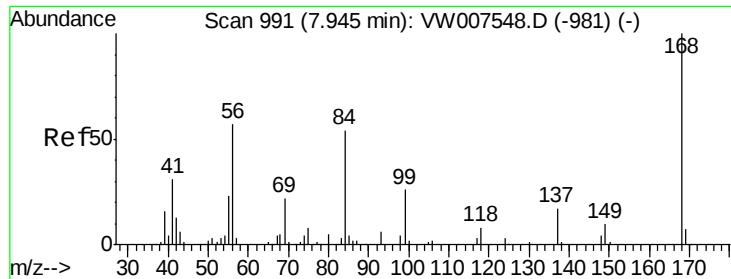
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

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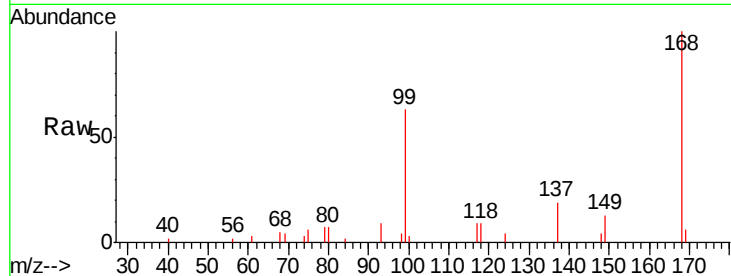
P001-SS001-1218-01

Tgt Ion: 168 Resp: 6782

Ion Ratio Lower Upper

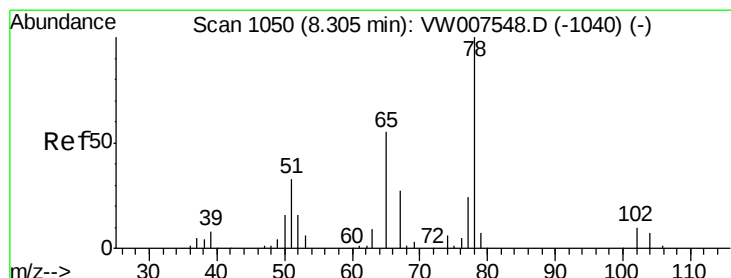
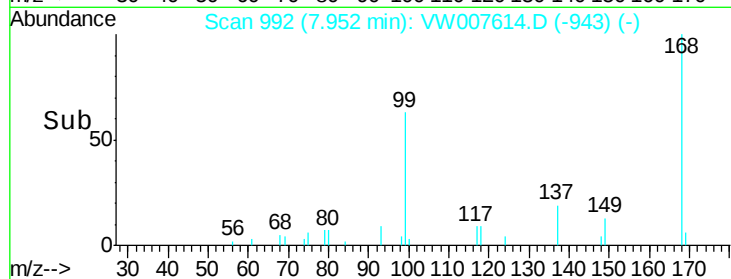
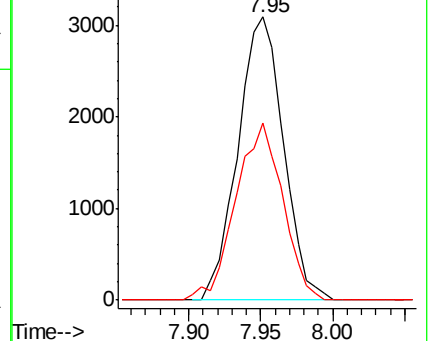
168 100

99 62.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 53.787 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007614.D

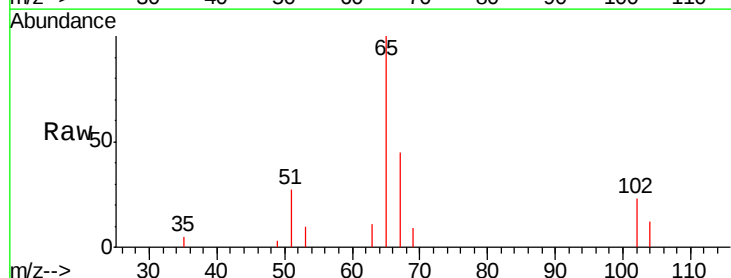
Acq: 16 Dec 2018 06:50

Tgt Ion: 65 Resp: 4047

Ion Ratio Lower Upper

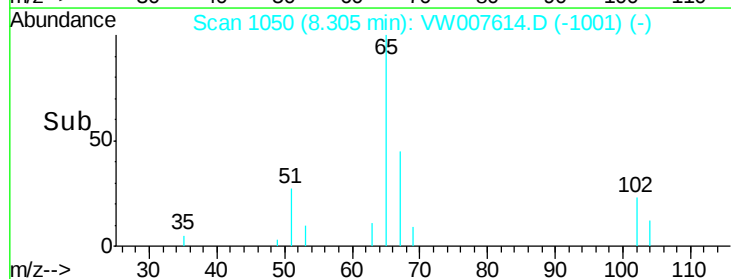
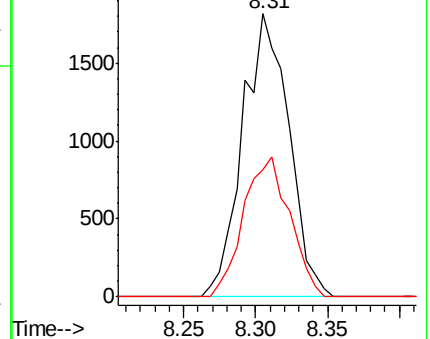
65 100

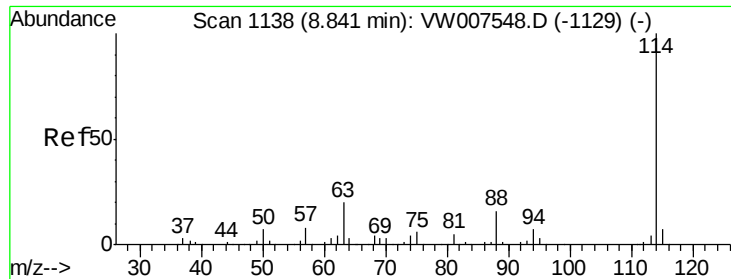
67 49.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

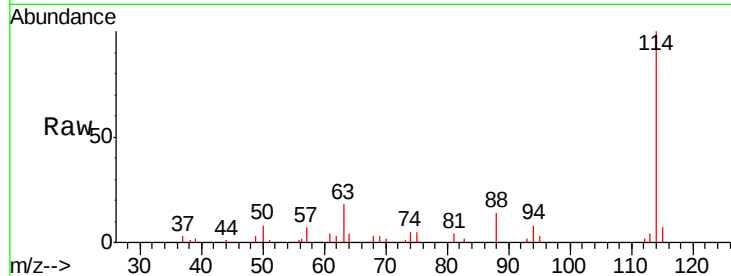




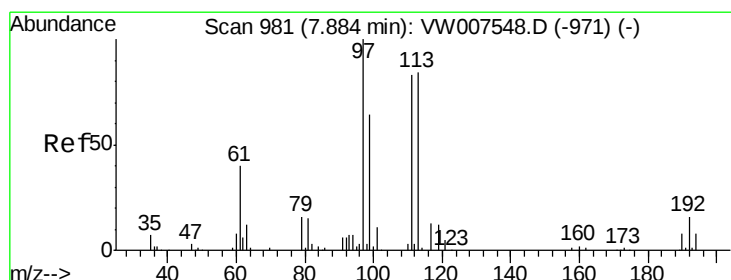
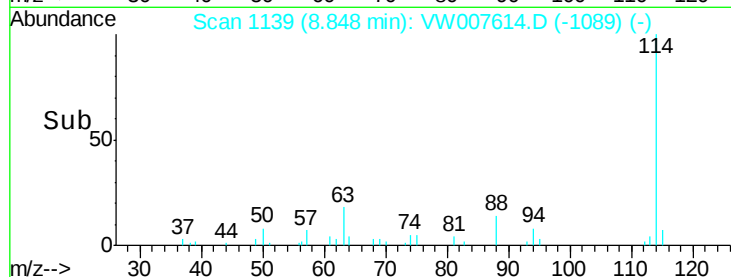
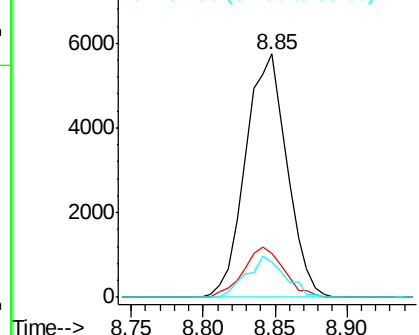
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:114 Resp: 11451
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 14.2 0.0 31.4

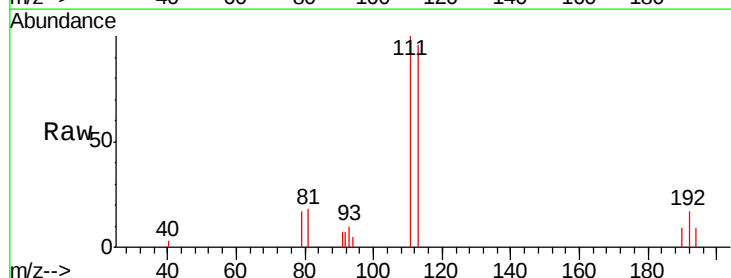


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

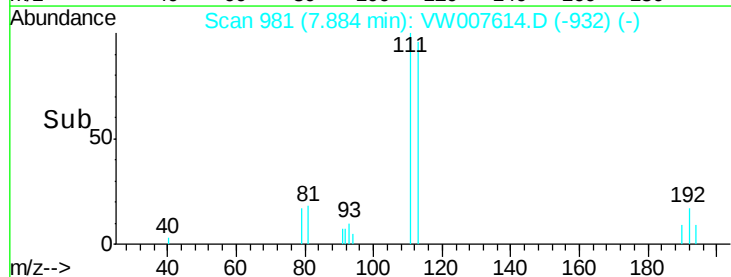
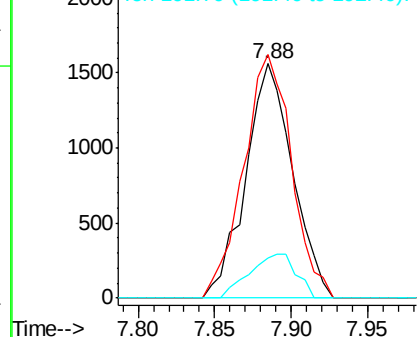


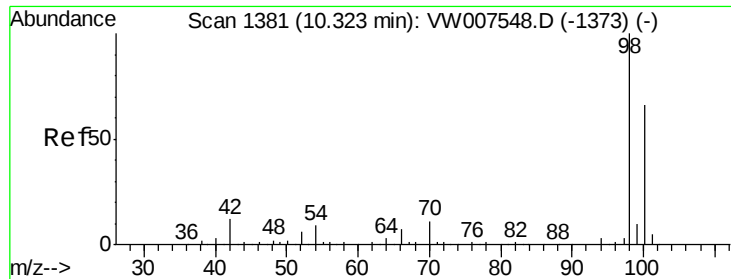
#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

Tgt Ion:113 Resp: 3335
Ion Ratio Lower Upper
113 100
111 106.1 81.1 121.7
192 18.5 14.6 21.8



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: 46.402 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007614.D

Acq: 16 Dec 2018 06:50

Instrument :

MSVOA_W

ClientSampleId :

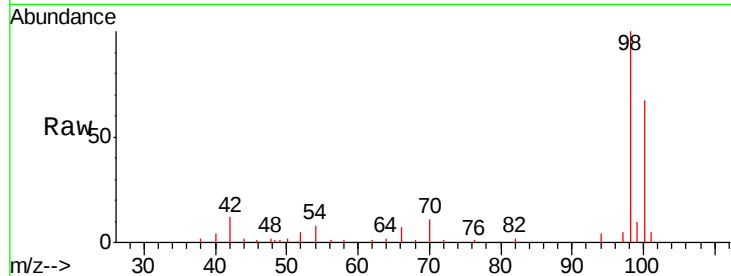
P001-SS001-1218-01

Tgt Ion: 98 Resp: 12060

Ion Ratio Lower Upper

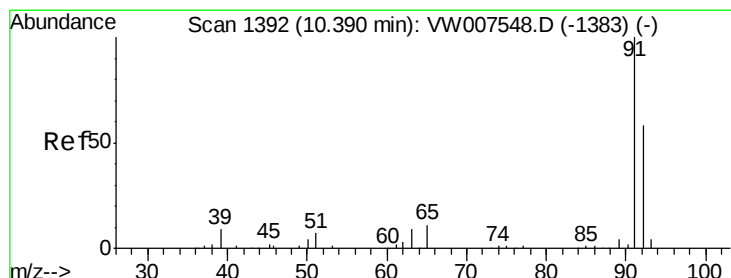
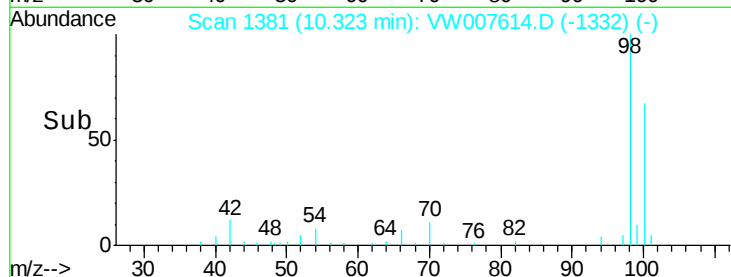
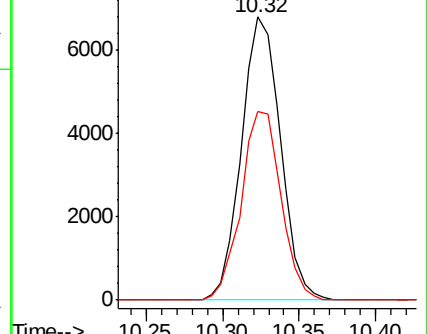
98 100

100 67.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 8.982 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007614.D

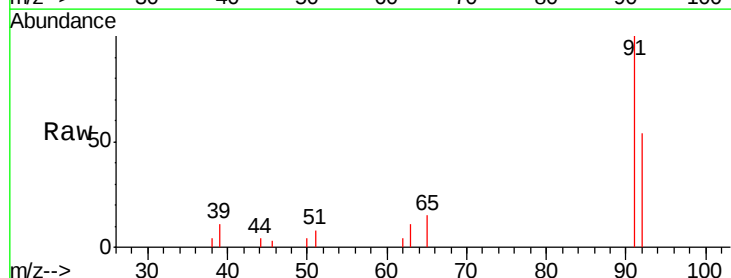
Acq: 16 Dec 2018 06:50

Tgt Ion: 92 Resp: 1685

Ion Ratio Lower Upper

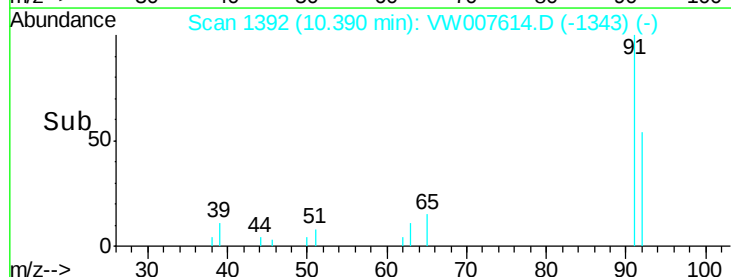
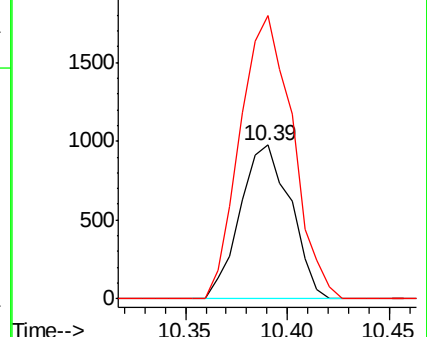
92 100

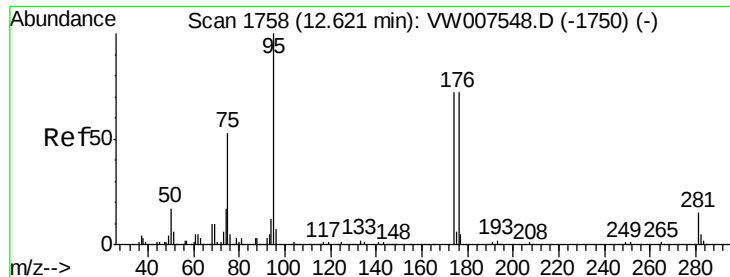
91 190.5 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

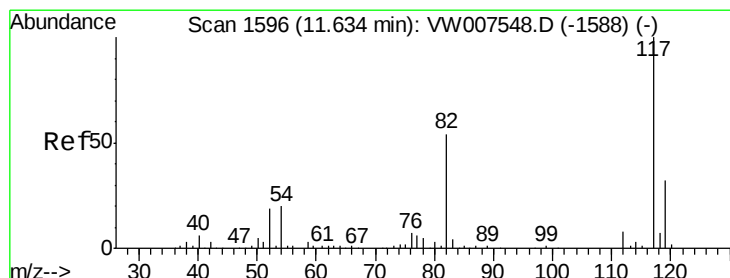
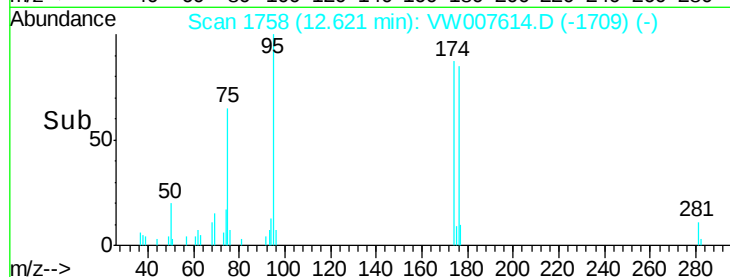
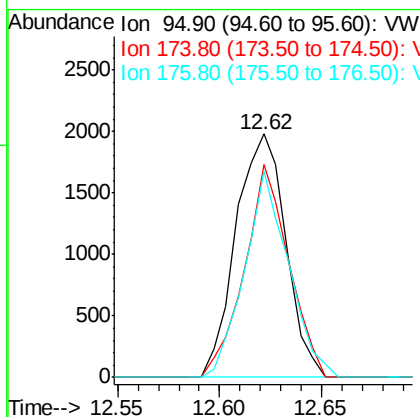
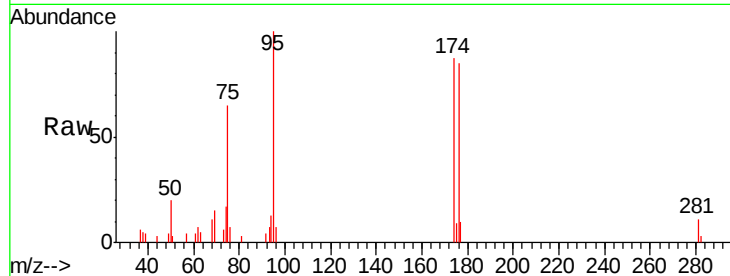




#62
4-Bromofluorobenzene
Concen: 35.004 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

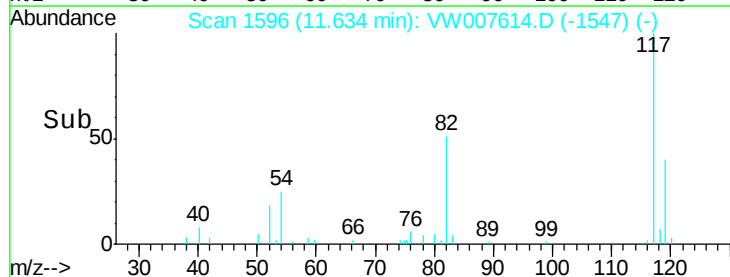
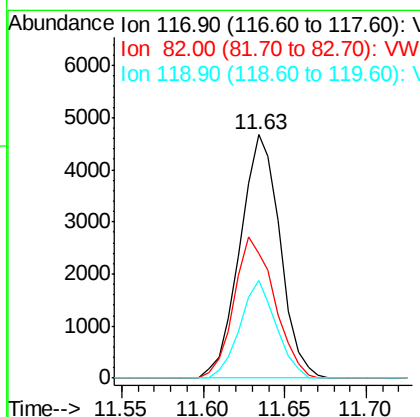
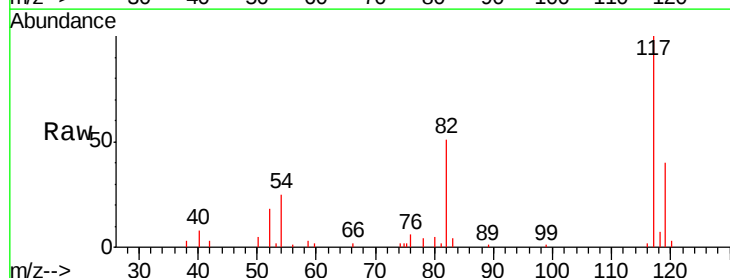
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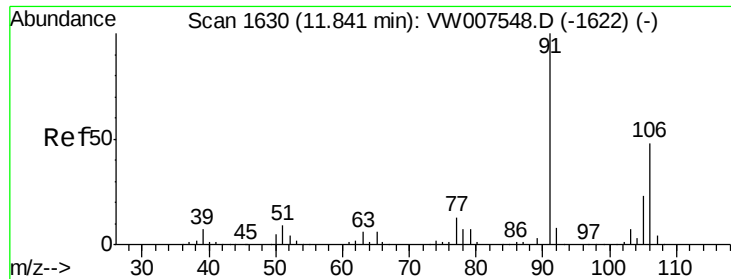
Tgt Ion: 95 Resp: 3345
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.2
176 75.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

Tgt Ion: 117 Resp: 7995
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 40.0 23.0 34.6#

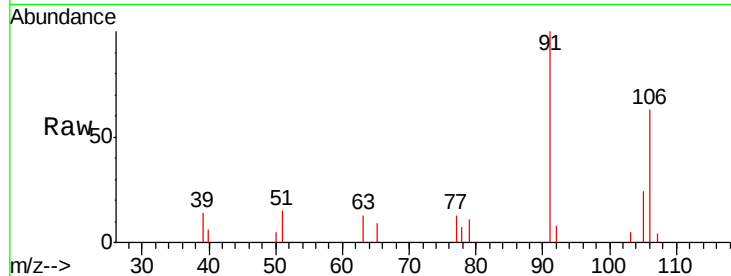




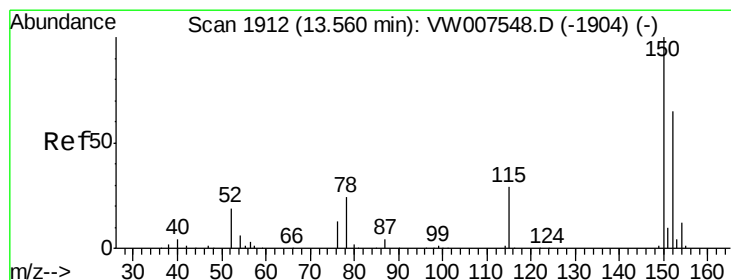
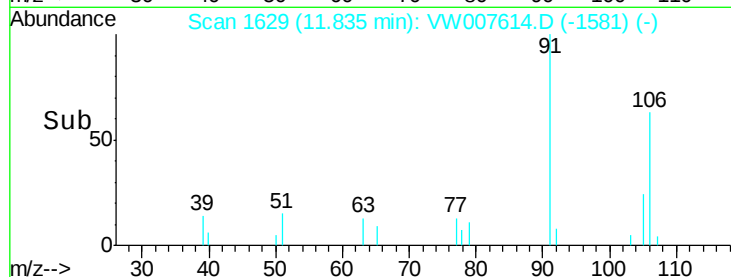
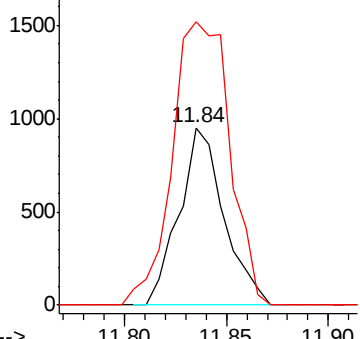
#68
m/p-Xylenes
Concen: 13.063 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-1218-01

Tgt Ion:106 Resp: 1455
Ion Ratio Lower Upper
106 100
91 204.4 165.3 247.9

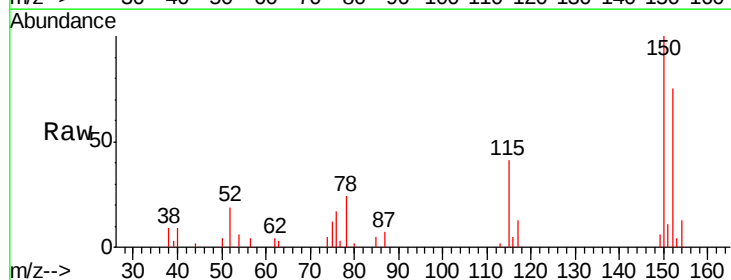


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007614.D
Acq: 16 Dec 2018 06:50

Tgt Ion:152 Resp: 3096
Ion Ratio Lower Upper
152 100
115 58.7 31.4 94.2
150 145.9 0.0 358.4



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

