

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007613.D
 Acq On : 16 Dec 2018 06:24
 Operator : SY/AP
 Sample : J6378-19
 Misc : 4.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0612-01MSD

Quant Time: Dec 17 01:06:43 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

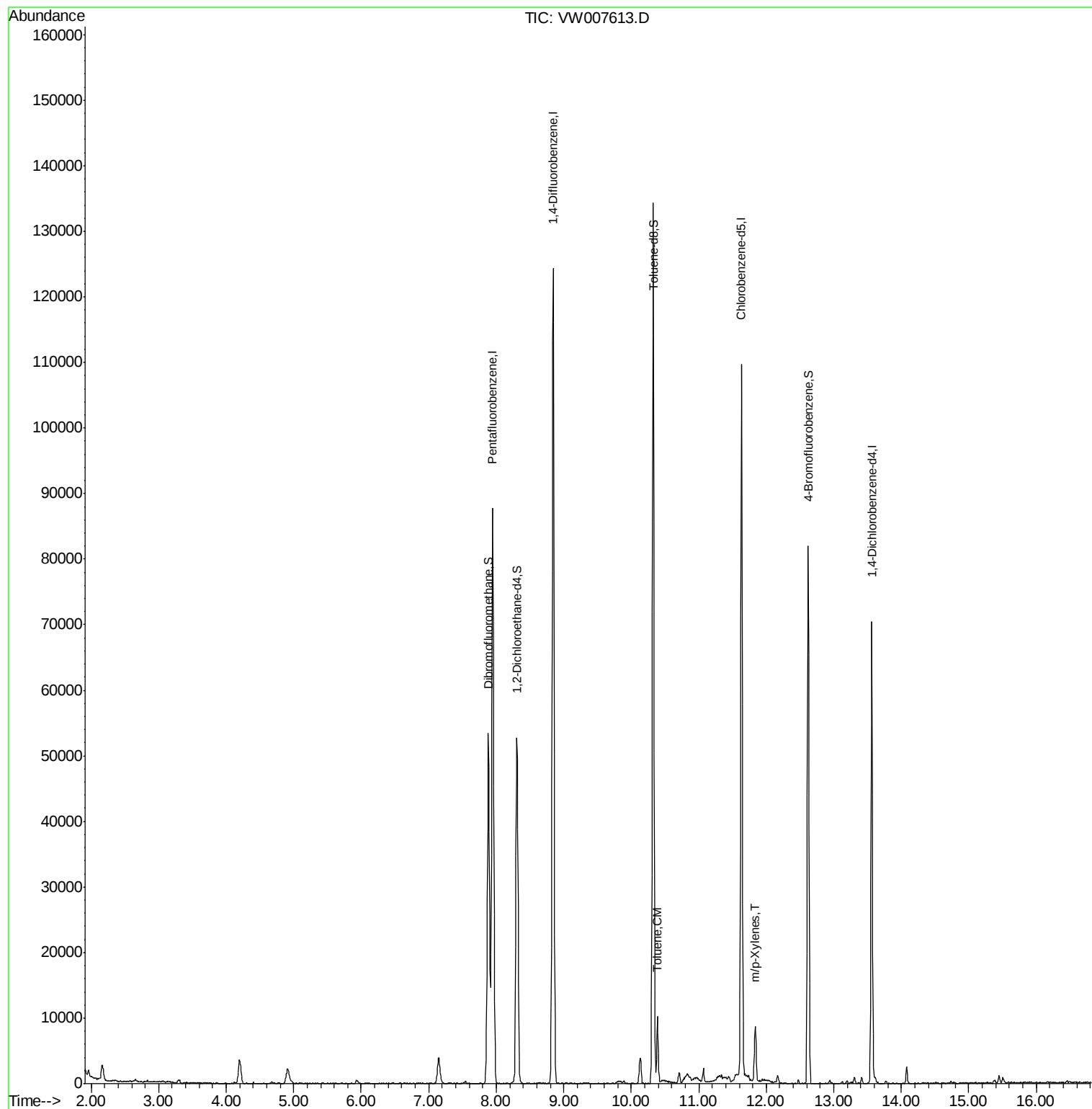
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43164	60.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.30%	
35) Dibromofluoromethane	7.88	113	38257	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
50) Toluene-d8	10.32	98	95361	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.62	95	26811	29.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.02%	
Target Compounds						
52) Toluene	10.39	92	4336	2.431	ug/l	98
68) m/p-Xylenes	11.83	106	2573	3.010	ug/l	100

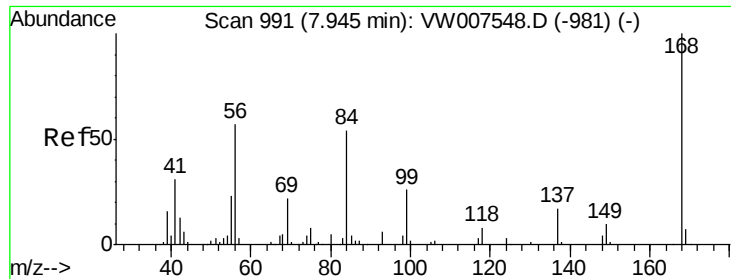
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007613.D

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Instrument :

MSVOA_W

ClientSampleId :

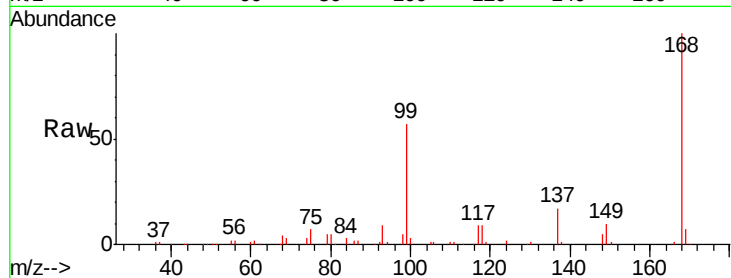
P001-SS001-0612-01MSD

Tgt Ion:168 Resp: 64150

Ion Ratio Lower Upper

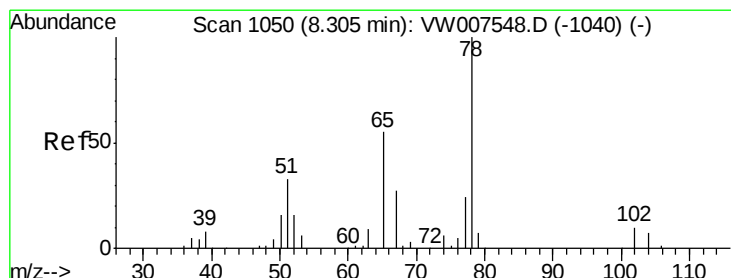
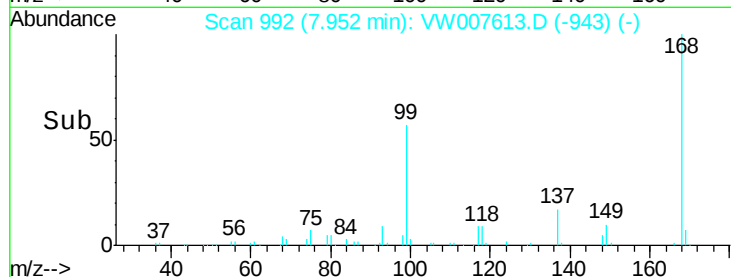
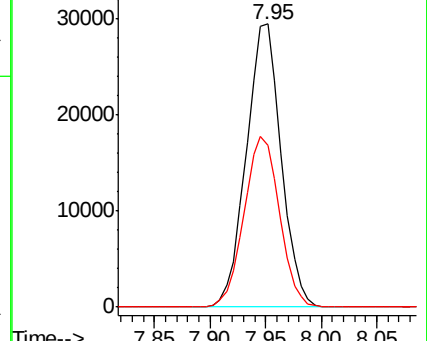
168 100

99 57.0 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: 60.650 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007613.D

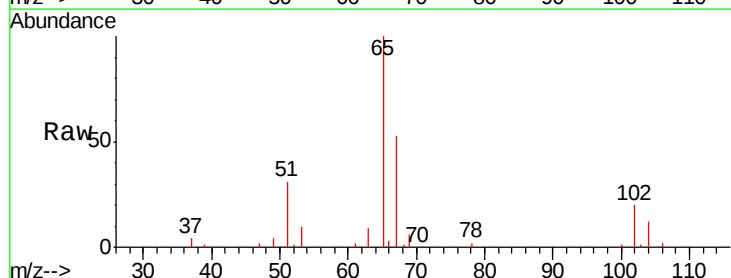
Acq: 16 Dec 2018 06:24

Tgt Ion: 65 Resp: 43164

Ion Ratio Lower Upper

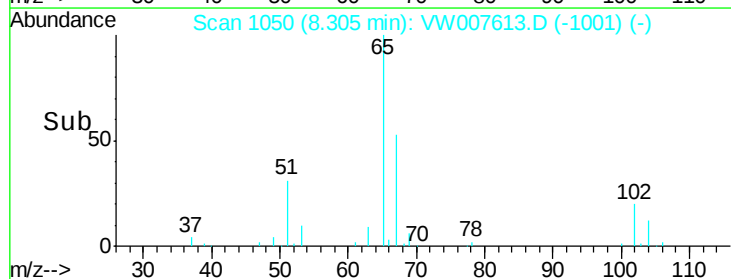
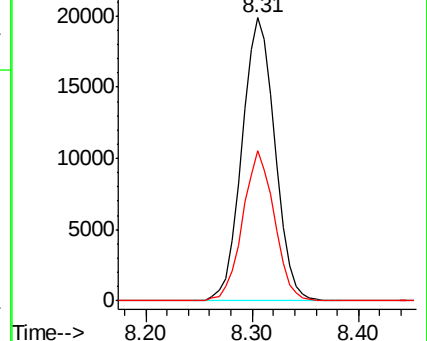
65 100

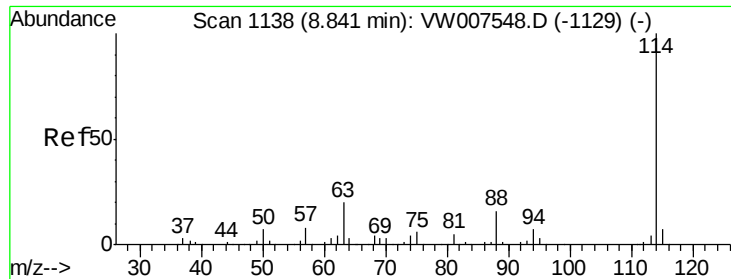
67 51.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

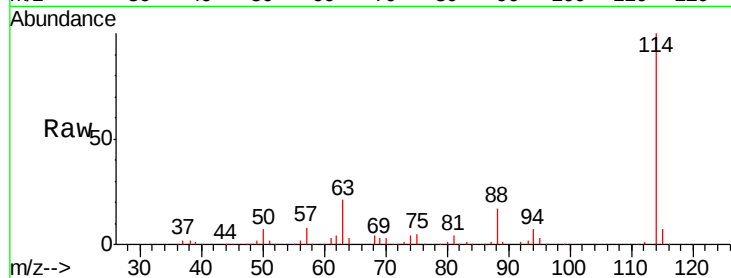




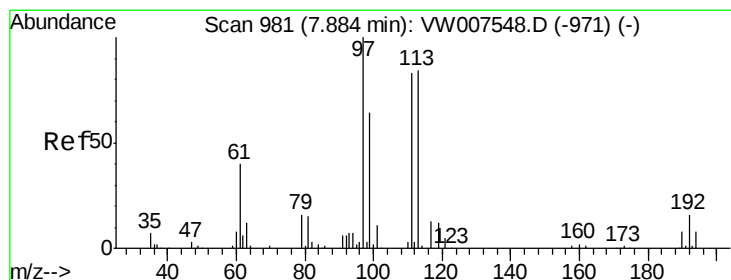
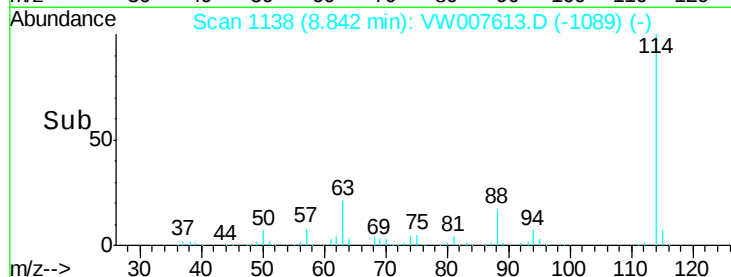
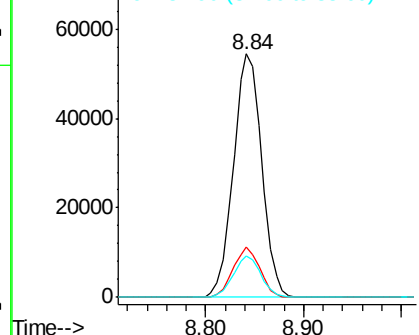
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0612-01MSD

Tgt Ion:114 Resp: 108863
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.6
 88 17.2 0.0 31.4

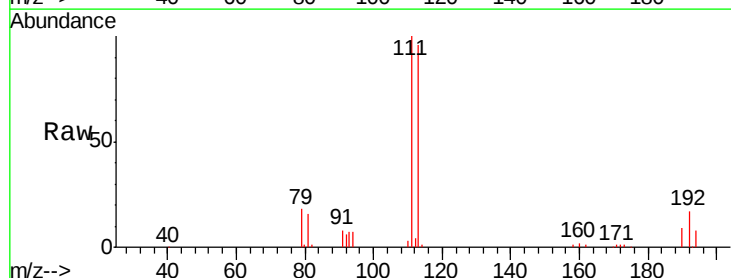


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

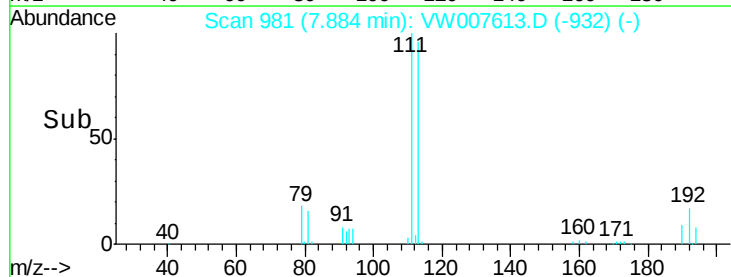
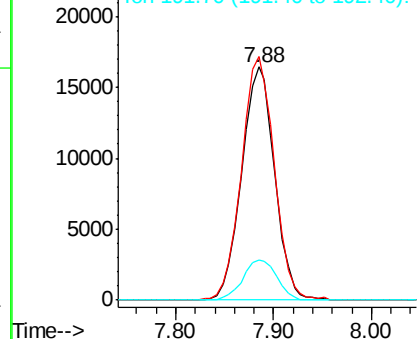


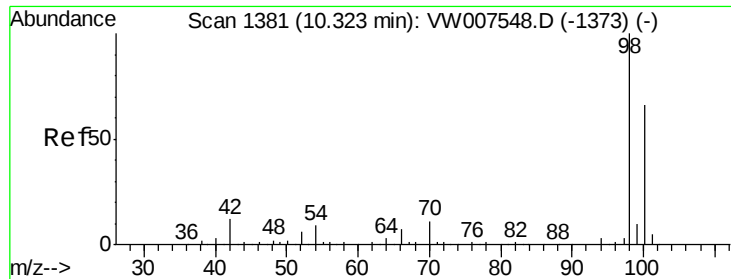
#35
 Dibromofluoromethane
 Concen: 58.054 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007613.D
 Acq: 16 Dec 2018 06:24

Tgt Ion:113 Resp: 38257
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 17.9 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: 38.594 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007613.D

Acq: 16 Dec 2018 06:24

Instrument :

MSVOA_W

ClientSampleId :

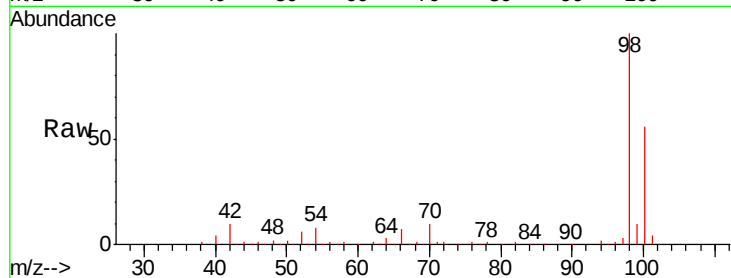
P001-SS001-0612-01MSD

Tgt Ion: 98 Resp: 95361

Ion Ratio Lower Upper

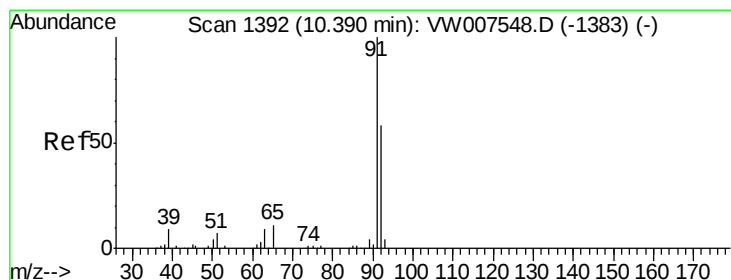
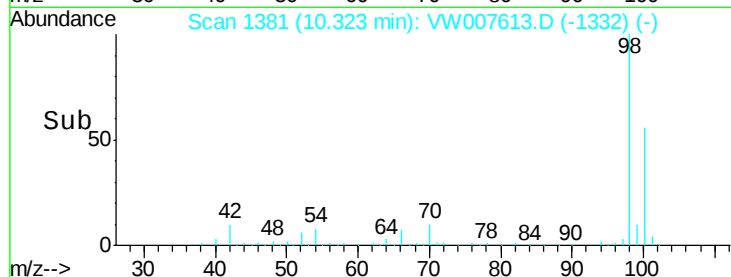
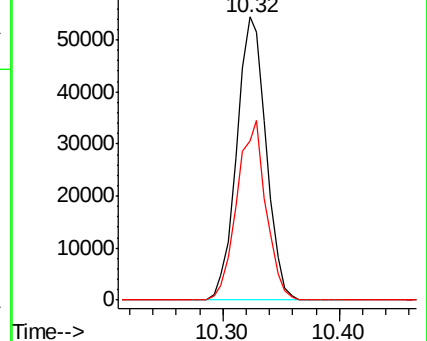
98 100

100 62.8 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: 2.431 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007613.D

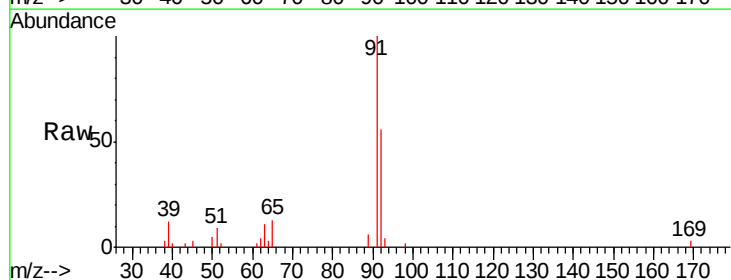
Acq: 16 Dec 2018 06:24

Tgt Ion: 92 Resp: 4336

Ion Ratio Lower Upper

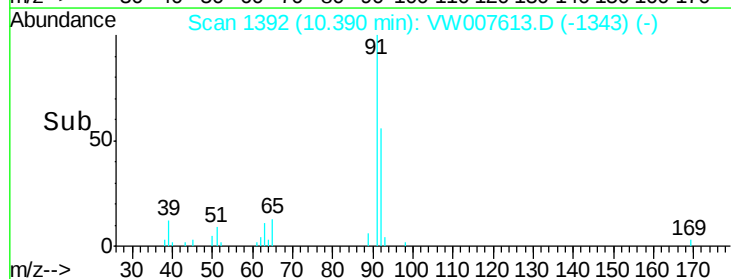
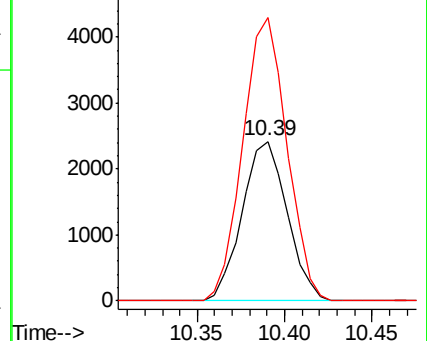
92 100

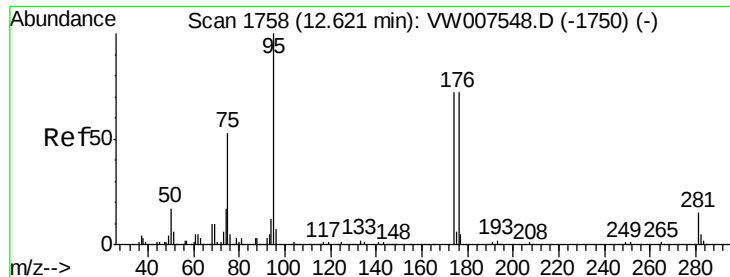
91 173.4 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

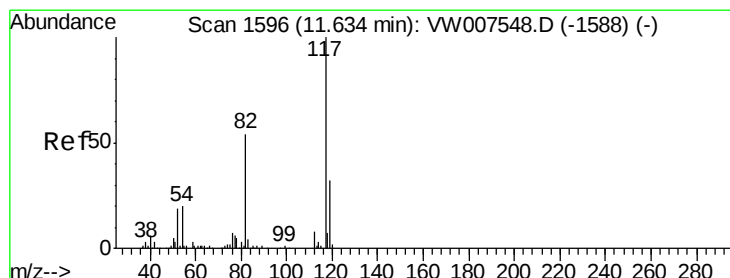
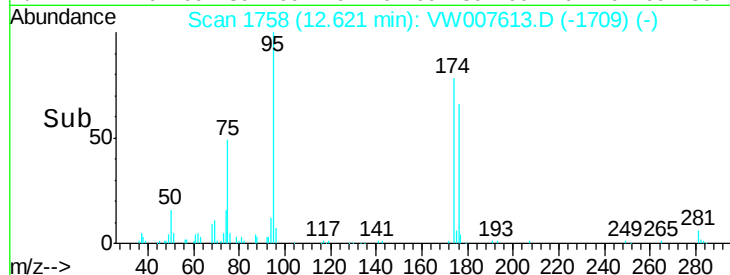
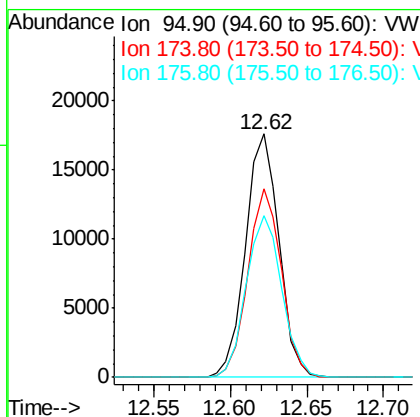
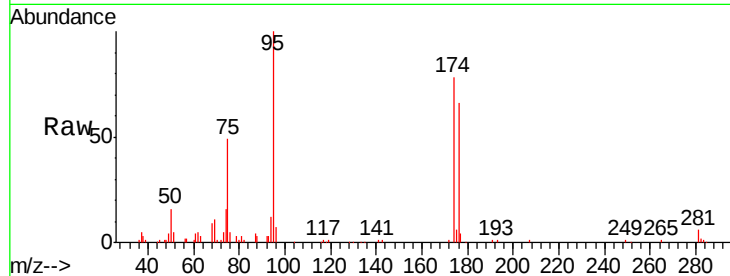




#62
4-Bromofluorobenzene
Concen: 29.512 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

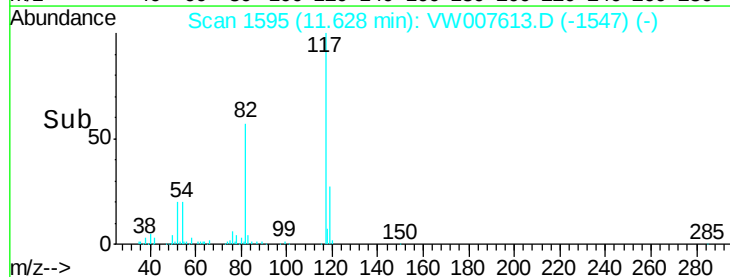
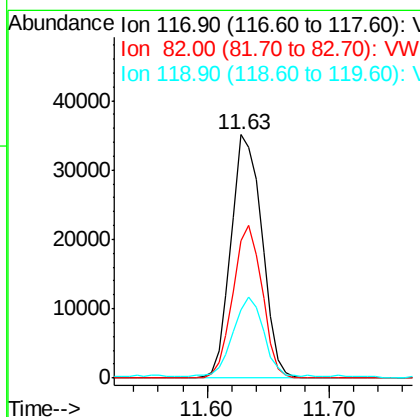
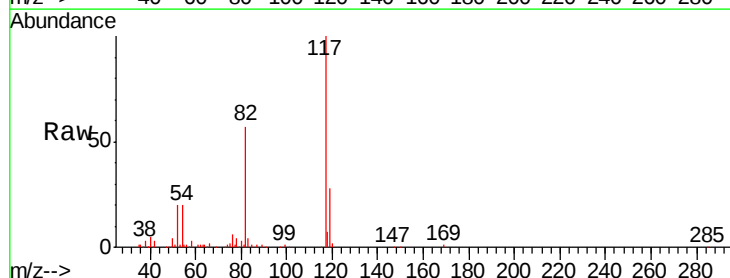
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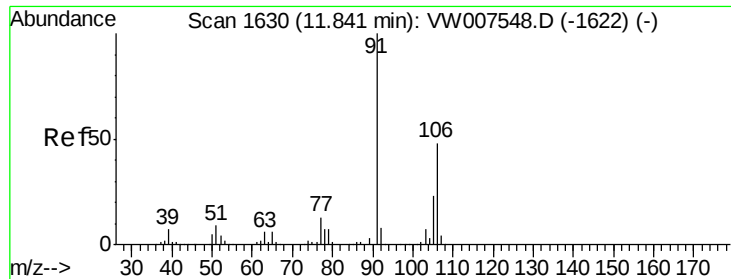
Tgt Ion: 95 Resp: 26811
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.2
176 70.7 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Tgt Ion: 117 Resp: 61363
Ion Ratio Lower Upper
117 100
82 56.6 42.3 63.5
119 27.2 23.0 34.6

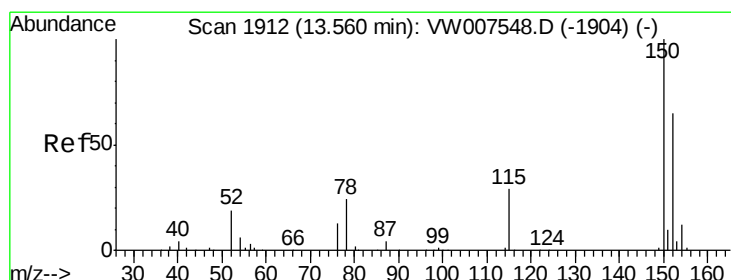
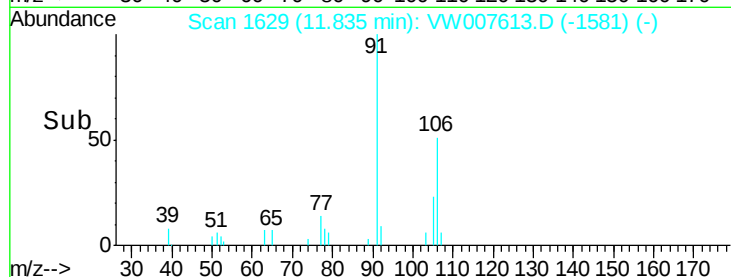
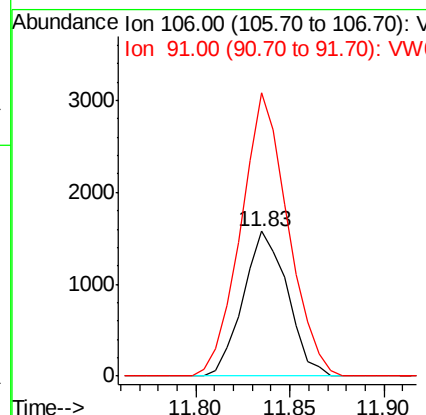
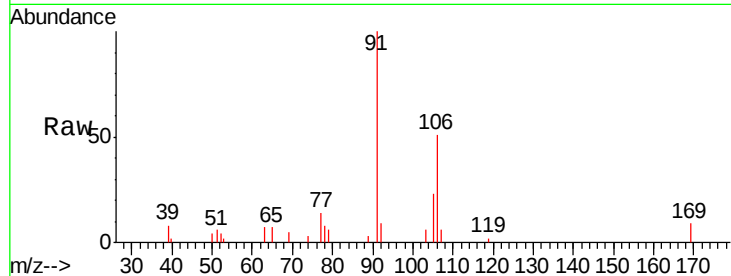




#68
m/p-Xylenes
Concen: 3.010 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion:106 Resp: 2573
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007613.D
Acq: 16 Dec 2018 06:24

Tgt Ion:152 Resp: 18692
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 151.3 0.0 358.4

