

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007611.D
 Acq On : 16 Dec 2018 05:32
 Operator : SY/AP
 Sample : J6378-17
 Misc : 5.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Dec 17 01:02:51 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

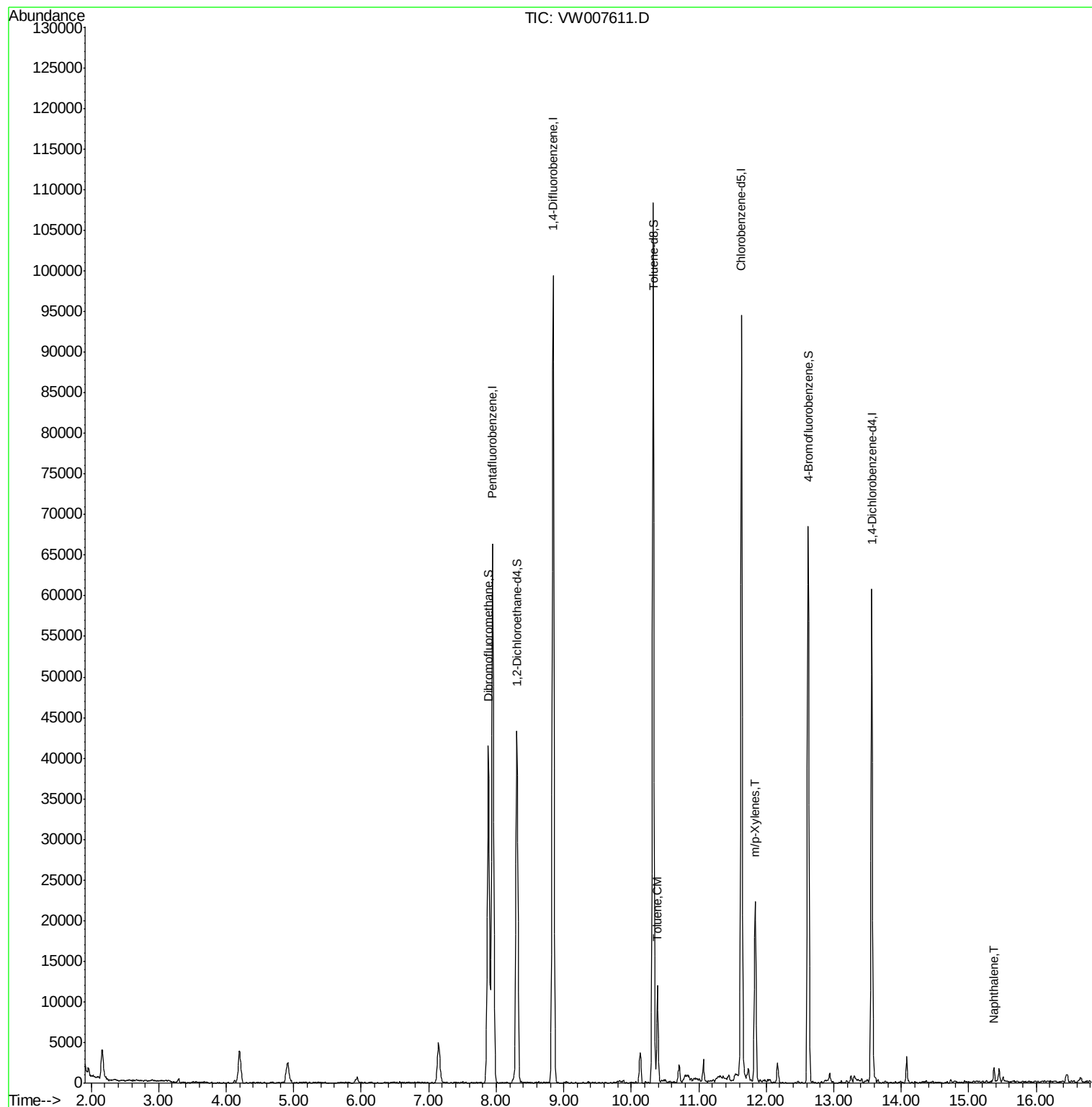
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	84460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	53983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	15959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34654	66.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.84%	
35) Dibromofluoromethane	7.88	113	29606	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
50) Toluene-d8	10.32	98	70961	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
62) 4-Bromofluorobenzene	12.62	95	23288	33.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.08%	
Target Compounds						
52) Toluene	10.39	92	5076	3.668	ug/l	Qvalue 100
68) m/p-Xylenes	11.84	106	6226	8.279	ug/l	95
95) Naphthalene	15.37	128	1905	2.989	ug/l #	92

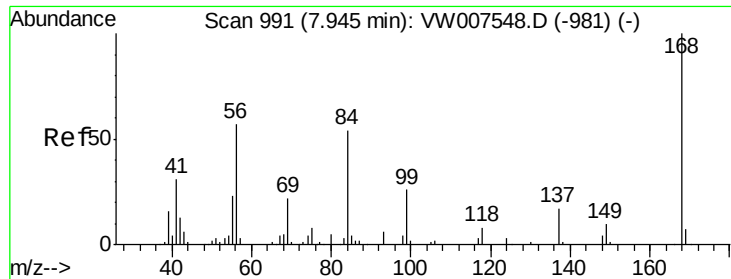
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007611.D

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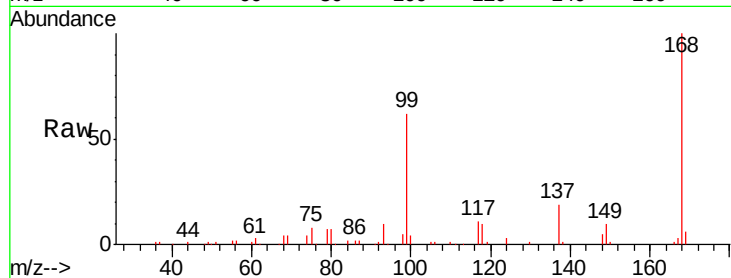
P001-SS001-0612-01

Tgt Ion: 168 Resp: 47030

Ion Ratio Lower Upper

168 100

99 62.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

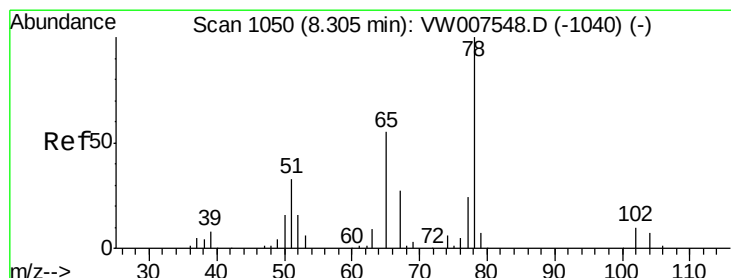
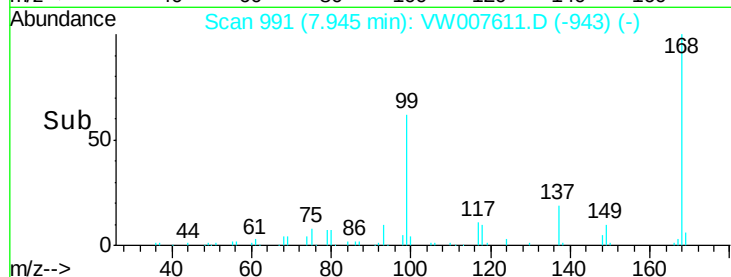
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 66.417 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007611.D

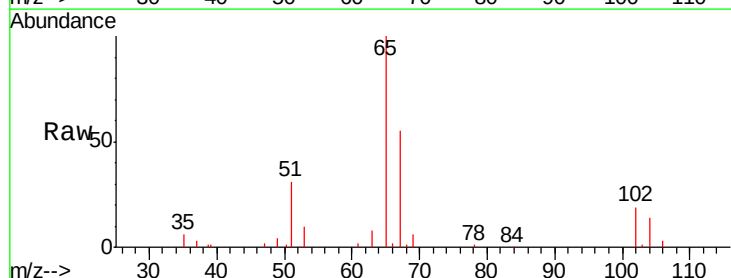
Acq: 16 Dec 2018 05:32

Tgt Ion: 65 Resp: 34654

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

15000

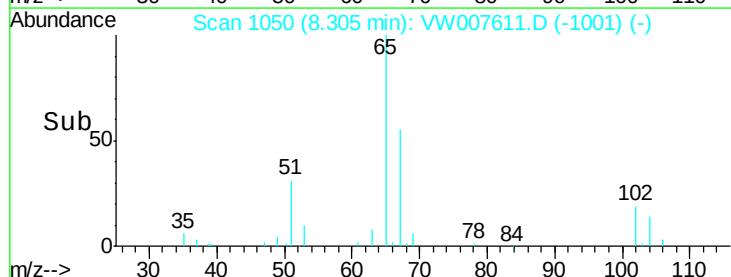
10000

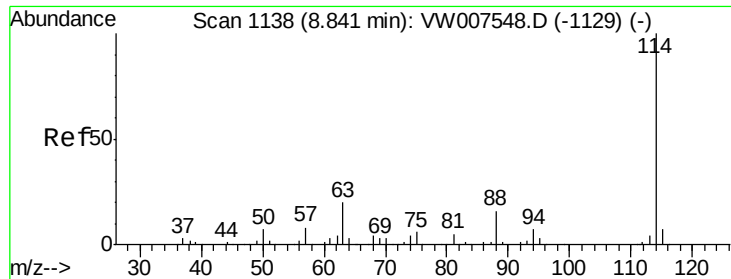
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

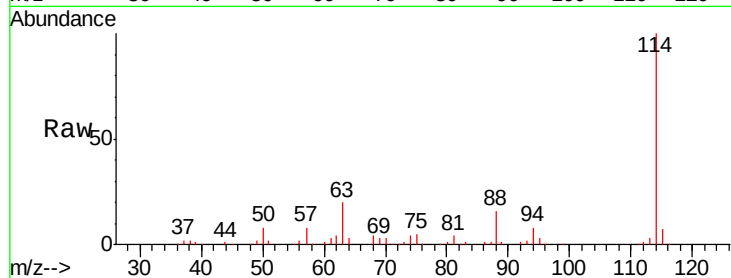




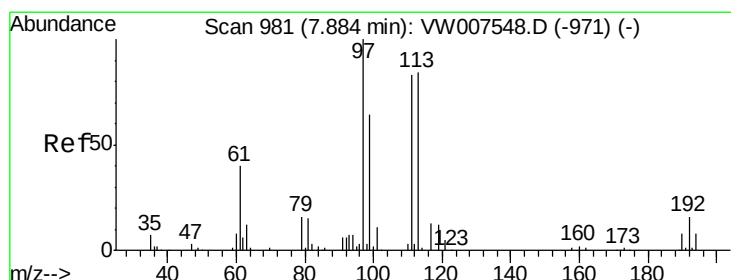
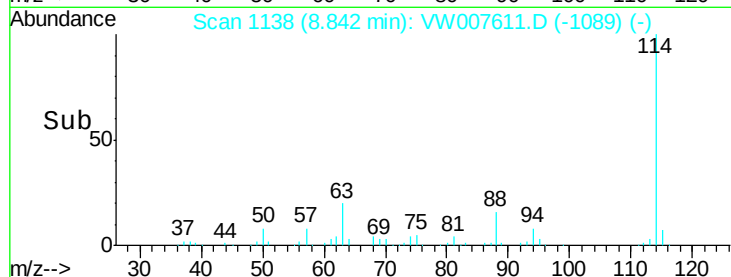
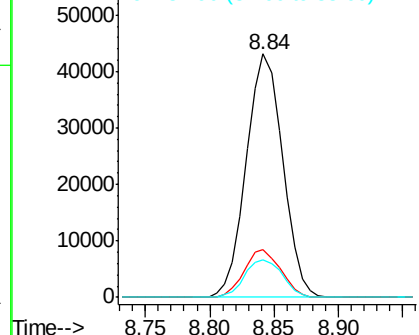
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

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

Tgt Ion:114 Resp: 84460
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 15.6 0.0 31.4

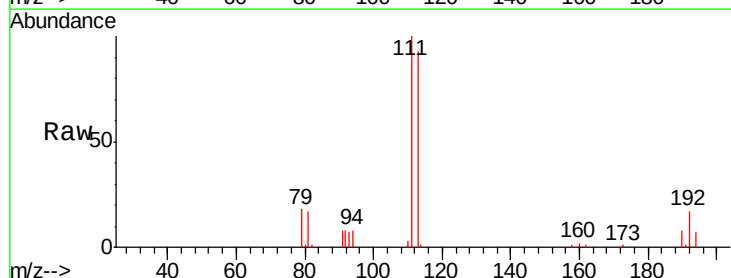


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

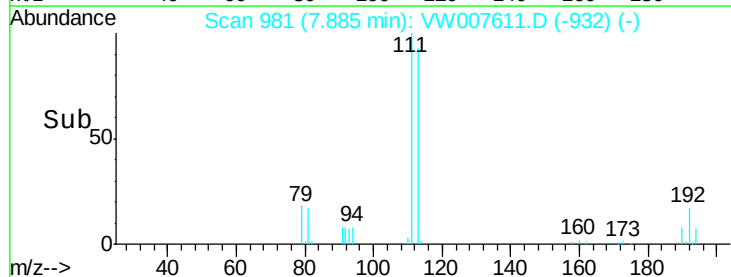
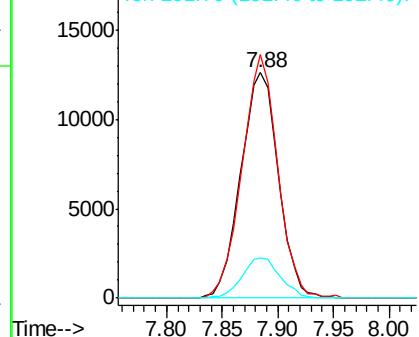


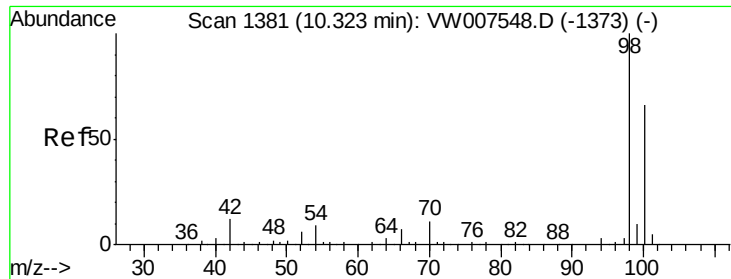
#35
Dibromofluoromethane
Concen: 57.907 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

Tgt Ion:113 Resp: 29606
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 18.1 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

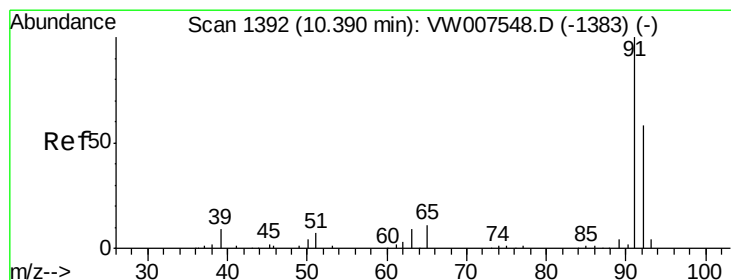
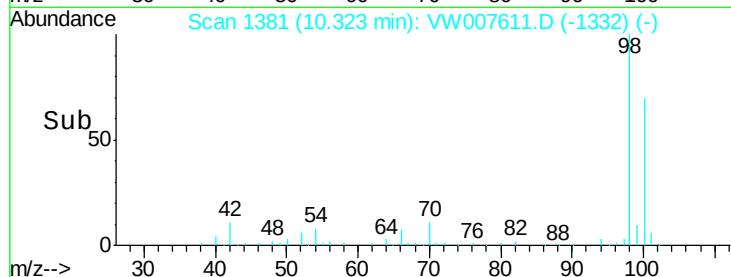
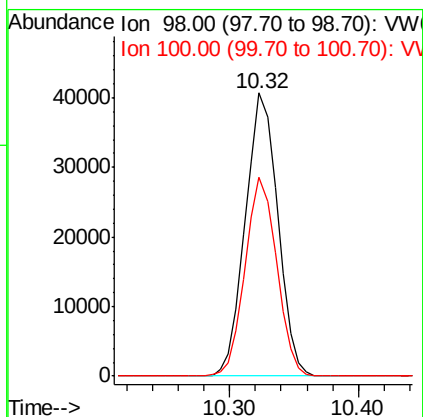
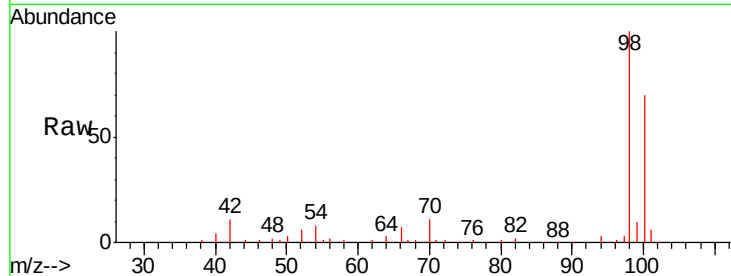




#50
Toluene-d8
Concen: 37.017 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

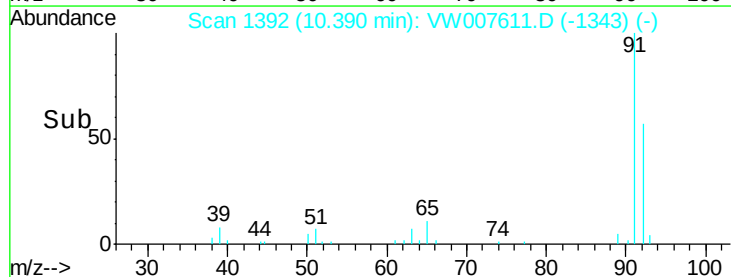
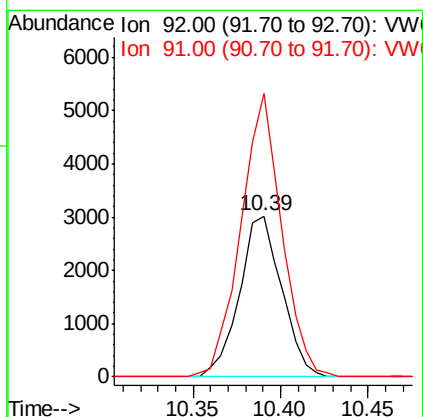
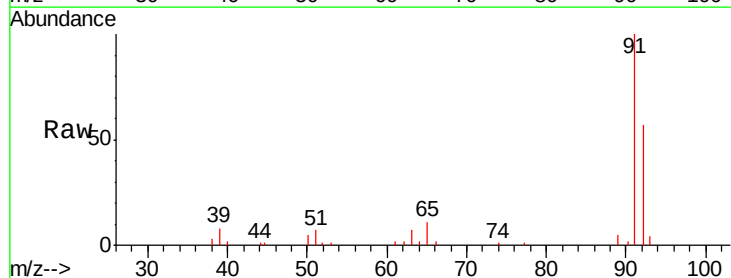
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0612-01

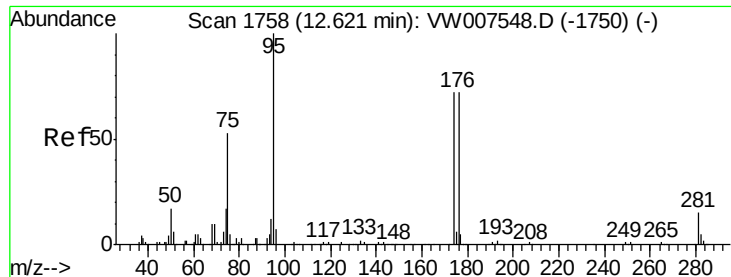
Tgt Ion: 98 Resp: 70961
Ion Ratio Lower Upper
98 100
100 68.3 51.8 77.8



#52
Toluene
Concen: 3.668 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

Tgt Ion: 92 Resp: 5076
Ion Ratio Lower Upper
92 100
91 170.0 136.2 204.2

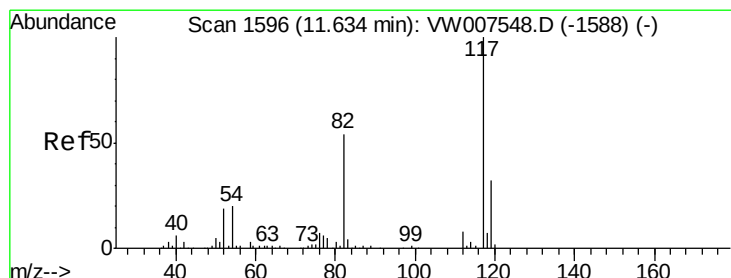
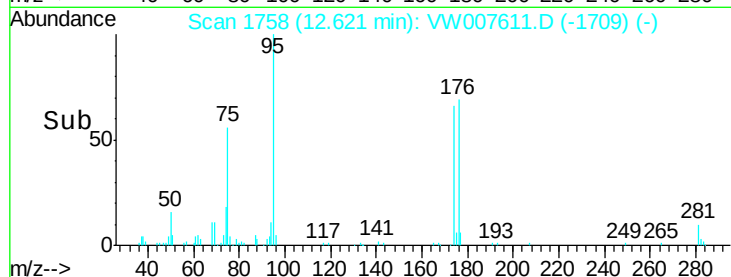
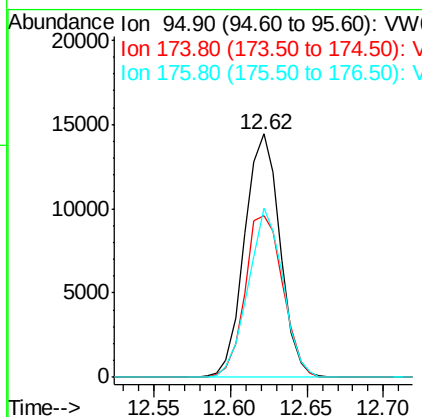
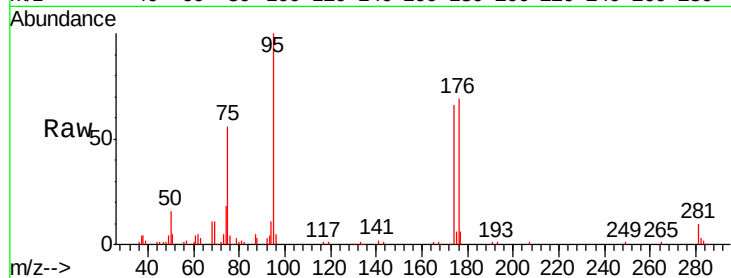




#62
4-Bromofluorobenzene
Concen: 33.041 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

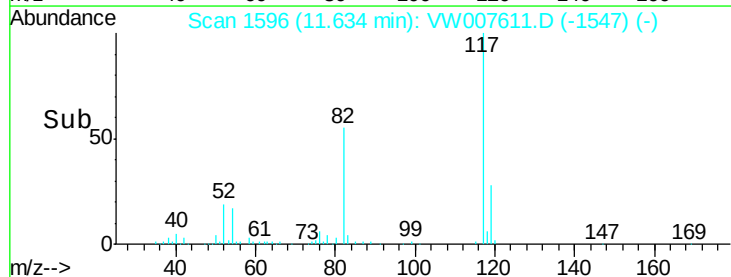
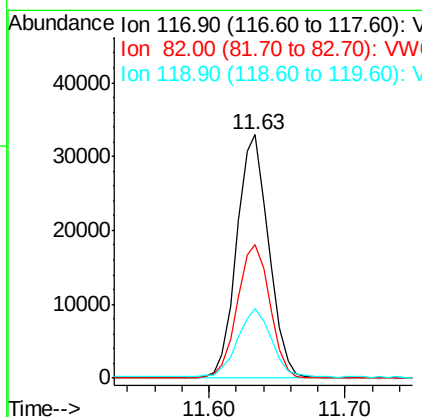
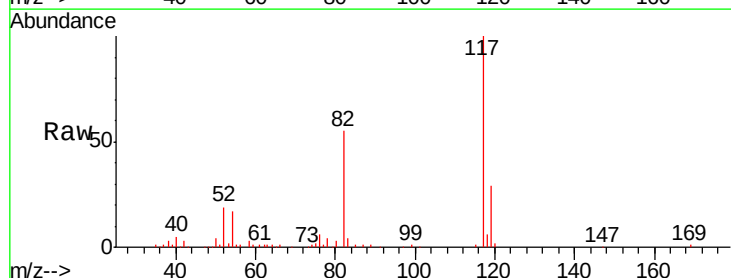
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0612-01

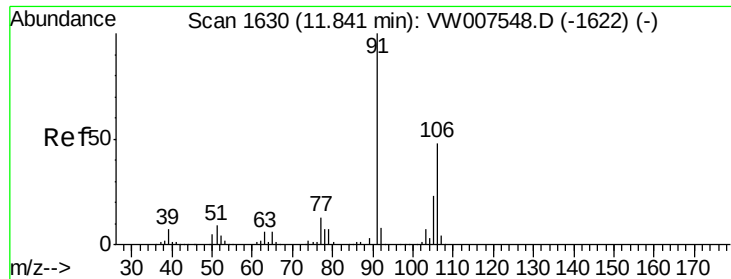
Tgt Ion: 95 Resp: 23288
Ion Ratio Lower Upper
95 100
174 70.9 0.0 147.2
176 68.2 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

Tgt Ion: 117 Resp: 53983
Ion Ratio Lower Upper
117 100
82 54.8 42.3 63.5
119 28.3 23.0 34.6

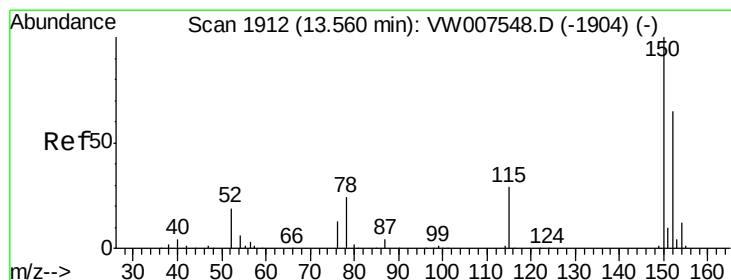
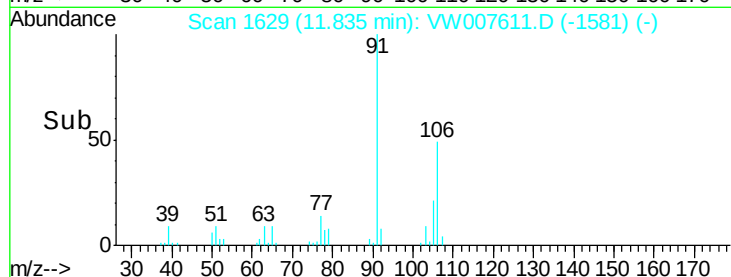
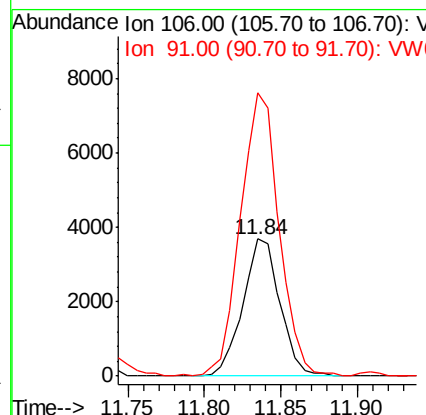
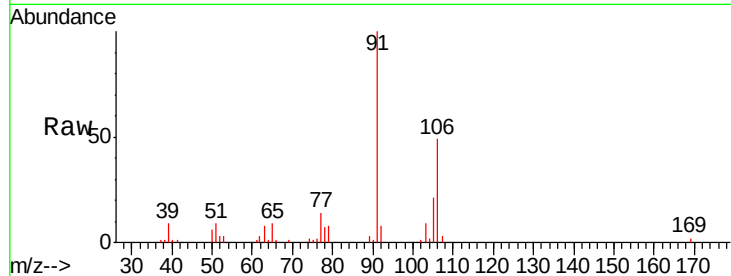




#68
m/p-Xylenes
Concen: 8.279 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

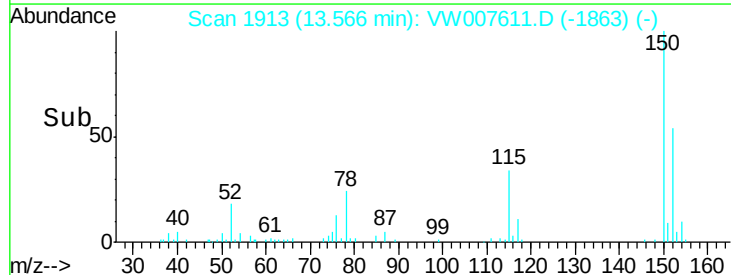
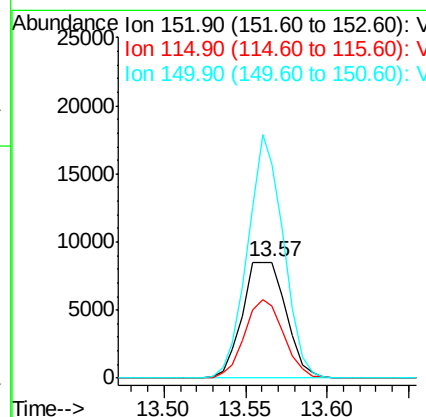
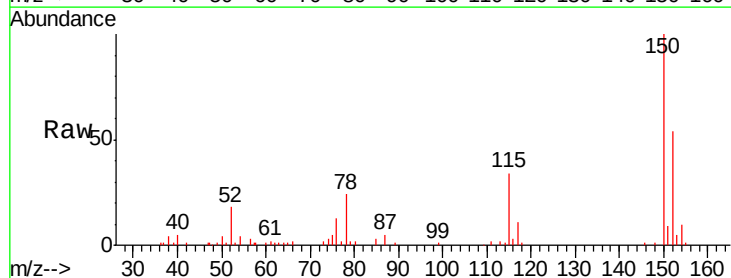
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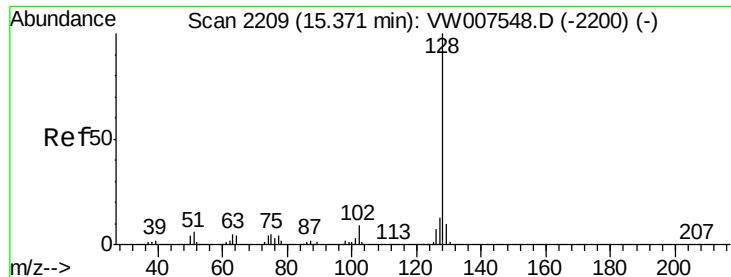
Tgt Ion:106 Resp: 6226
Ion Ratio Lower Upper
106 100
91 214.2 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007611.D
Acq: 16 Dec 2018 05:32

Tgt Ion:152 Resp: 15959
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.2
150 170.8 0.0 358.4





#95

Naphthalene

Concen: 2.989 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW007611.D

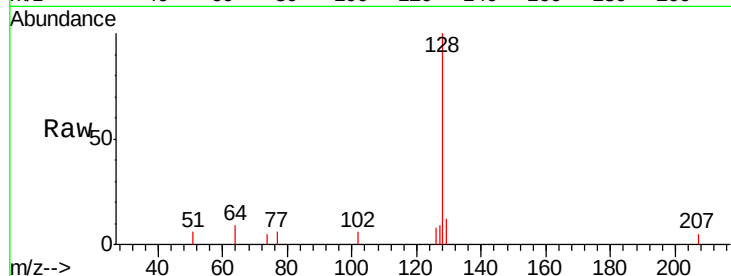
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Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0612-01



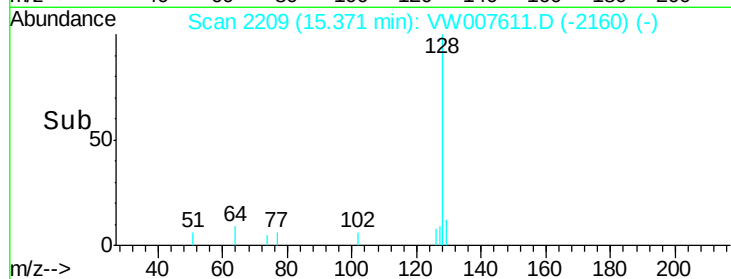
Tgt Ion:128 Resp: 1905

Ion Ratio Lower Upper

128 100

127 9.0 10.2 15.4#

129 8.2 8.3 12.5#



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

