

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007814.D
 Acq On : 21 Dec 2018 23:44
 Operator : SY/AP
 Sample : J6377-05RE
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0612-02RE

Quant Time: Dec 22 03:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

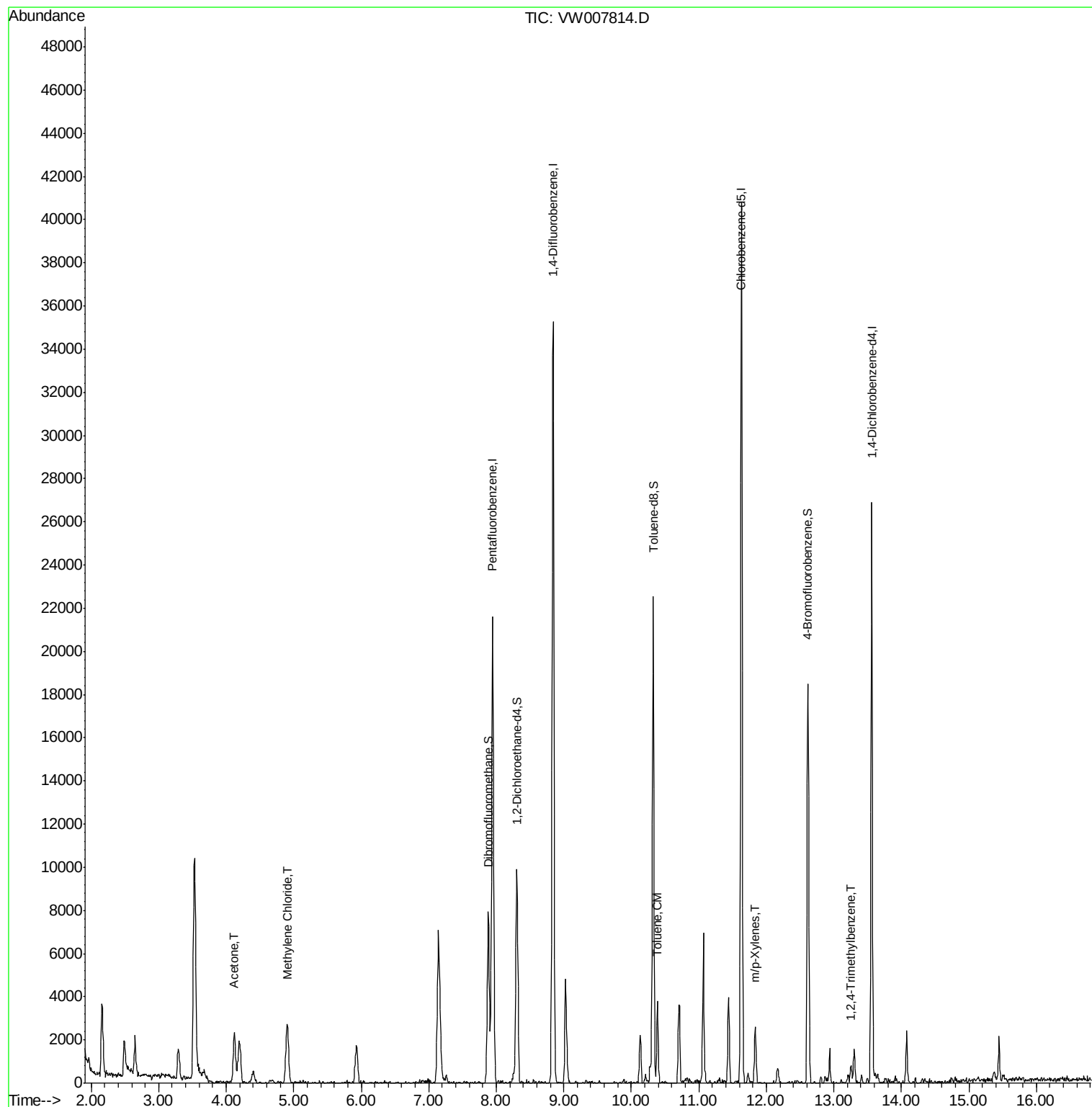
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	16093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	7746	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
35) Dibromofluoromethane	7.88	113	5991	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
50) Toluene-d8	10.32	98	14992	21.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.42%	
62) 4-Bromofluorobenzene	12.62	95	4825	17.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.34%	
Target Compounds						
16) Acetone	4.12	43	4135	125.189	ug/l	94
20) Methylene Chloride	4.90	84	2250	8.371	ug/l	96
52) Toluene	10.38	92	1874	3.529	ug/l	97
68) m/p-Xylenes	11.84	106	972	2.790	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	868	1.806	ug/l	98

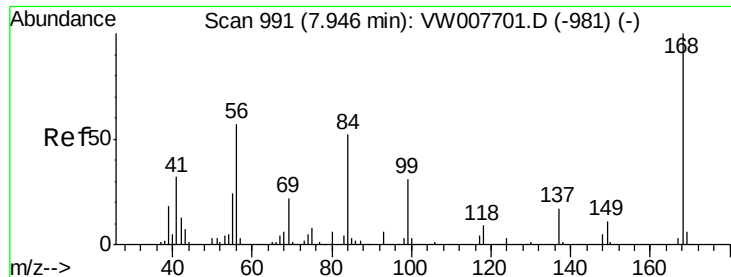
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007814.D
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Quant Time: Dec 22 03:05:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007814.D

Acq: 21 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

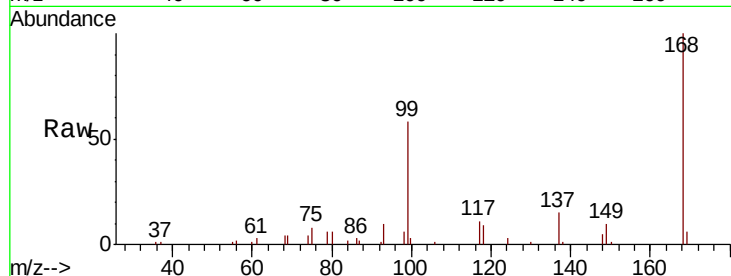
P001-SS001-0612-02RE

Tot Ion:168 Resp: 16093

Ion Ratio Lower Upper

168 100

99 57.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

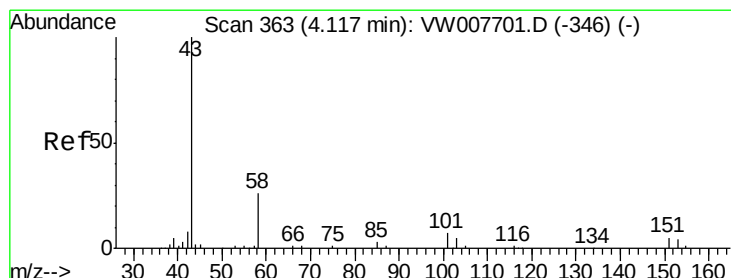
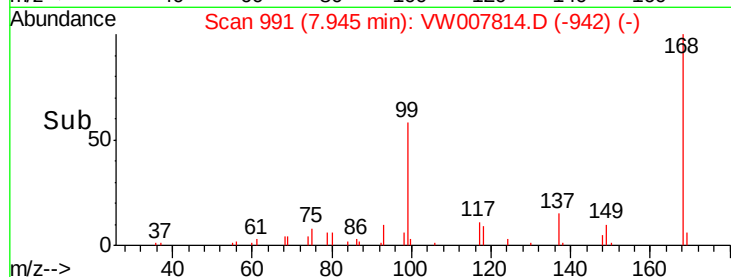
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 125.189 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007814.D

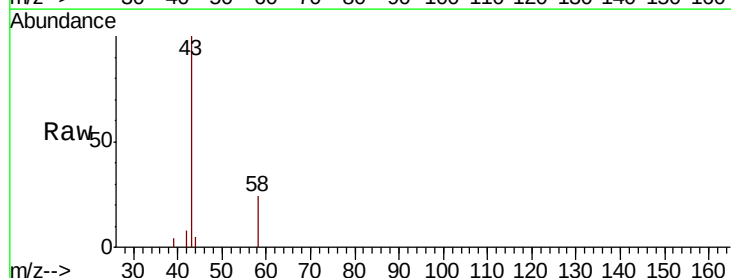
Acq: 21 Dec 2018 23:44

Tgt Ion: 43 Resp: 4135

Ion Ratio Lower Upper

43 100

58 23.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

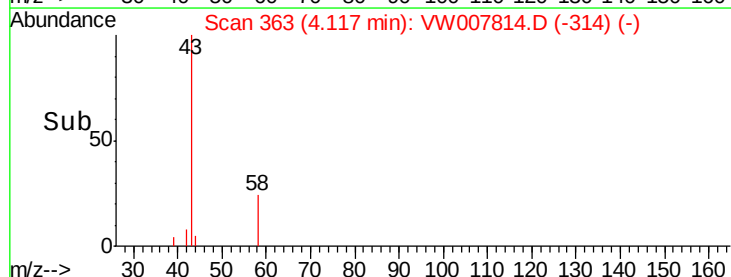
1000

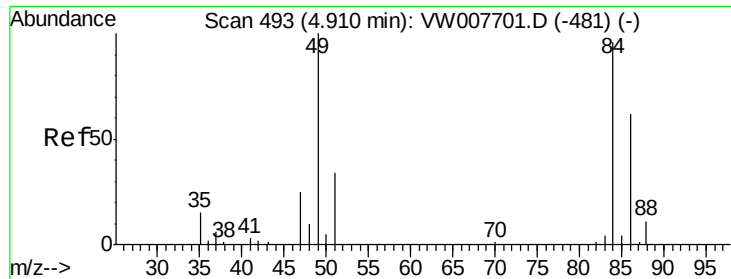
500

0

Time-->

4.05 4.10 4.15 4.20

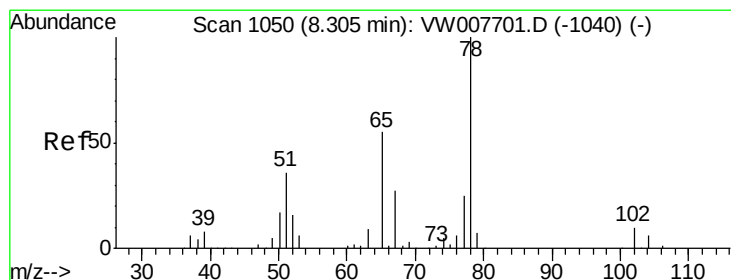
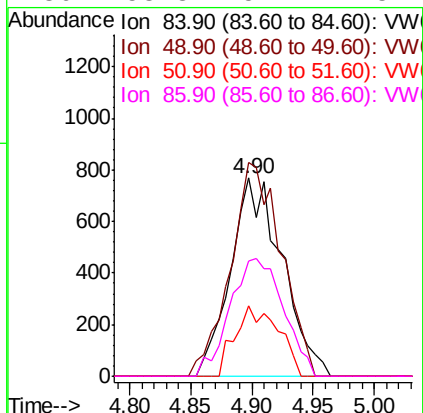
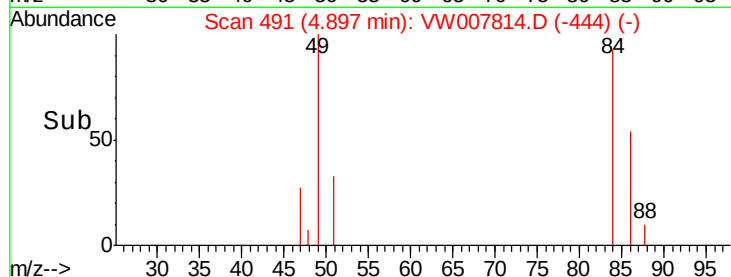
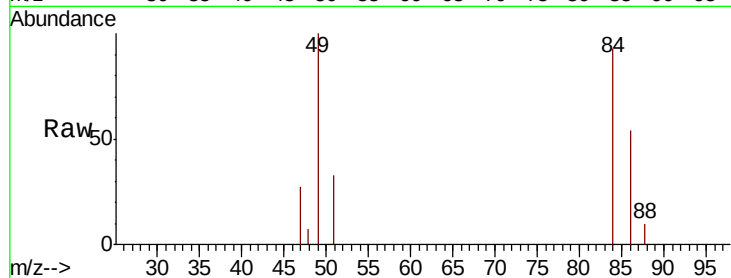




#20
Methylene Chloride
Concen: 8.371 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

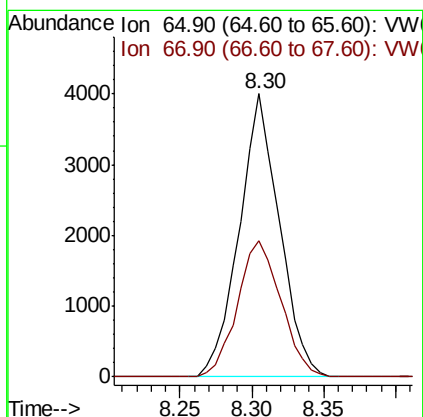
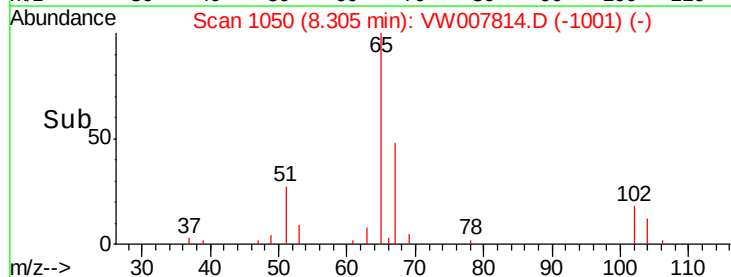
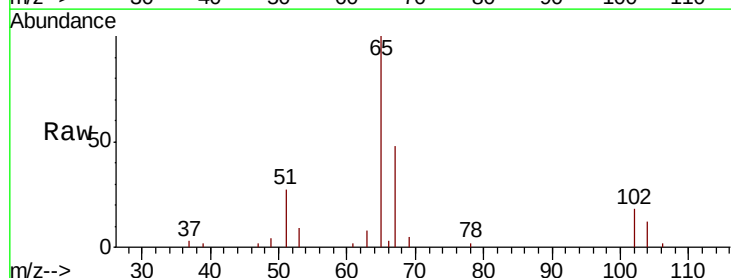
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0612-02RE

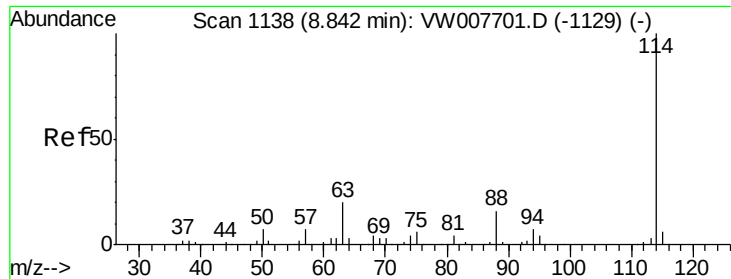
Tot Ion: 84 Resp: 2250
Ion Ratio Lower Upper
84 100
49 107.7 83.7 125.5
51 35.6 28.2 42.2
86 58.3 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 43.915 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

Tgt Ion: 65 Resp: 7746
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.6

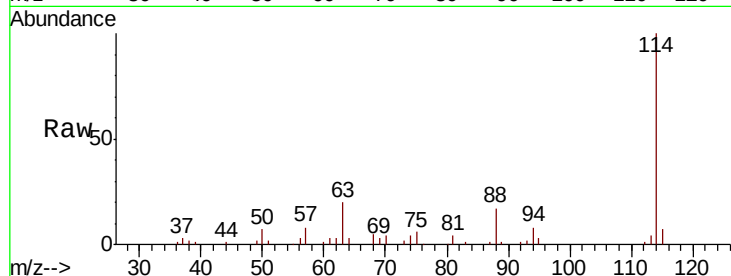




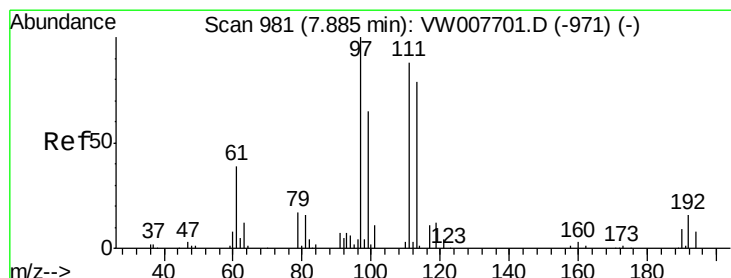
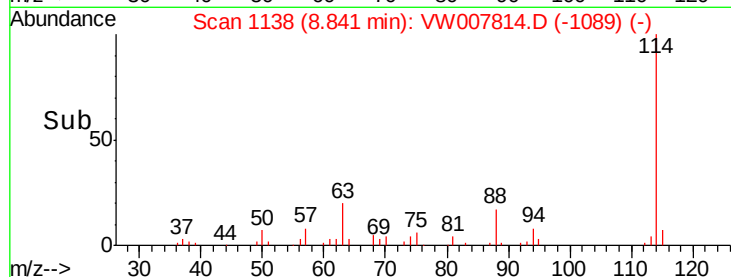
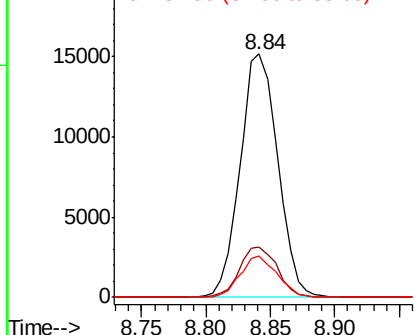
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0612-02RE

Tot Ion:114 Resp: 30733
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 16.9 0.0 32.6

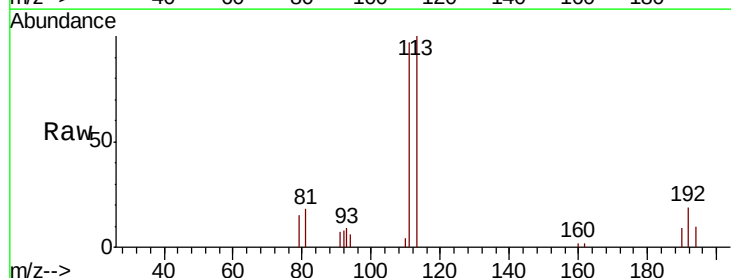


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

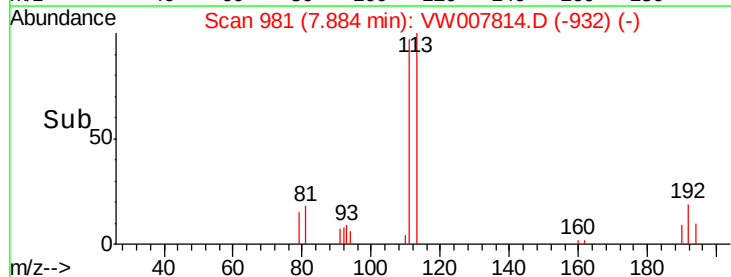
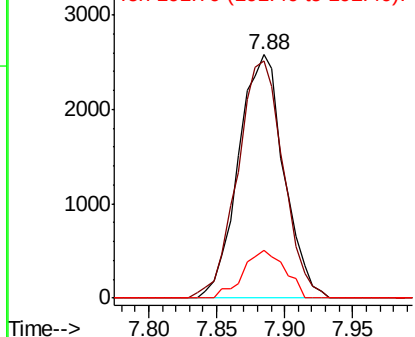


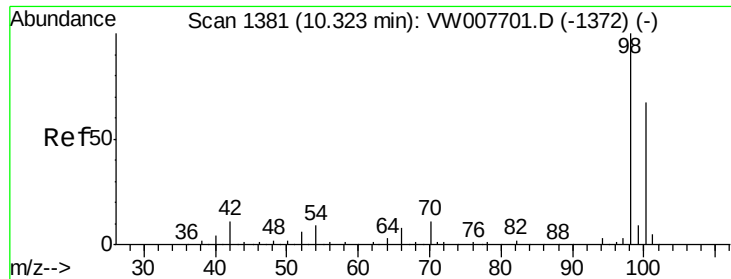
#35
Dibromofluoromethane
Concen: 31.954 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

Tgt Ion:113 Resp: 5991
Ion Ratio Lower Upper
113 100
111 98.2 82.6 124.0
192 18.0 15.5 23.3



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: 21.211 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007814.D

Acq: 21 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

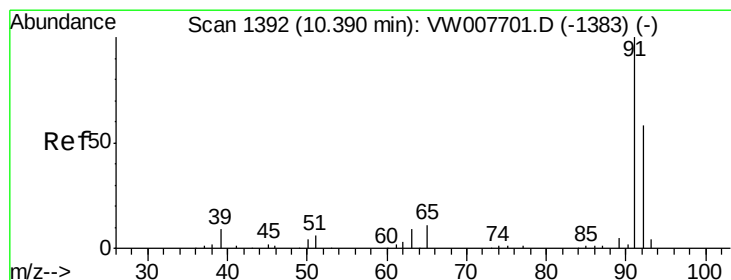
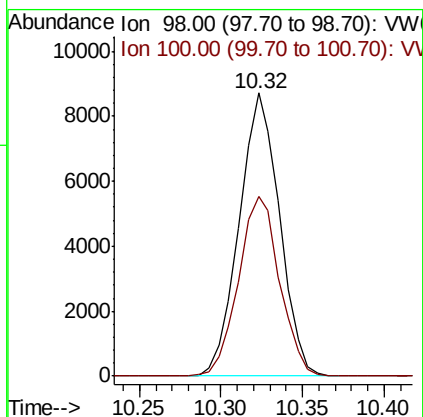
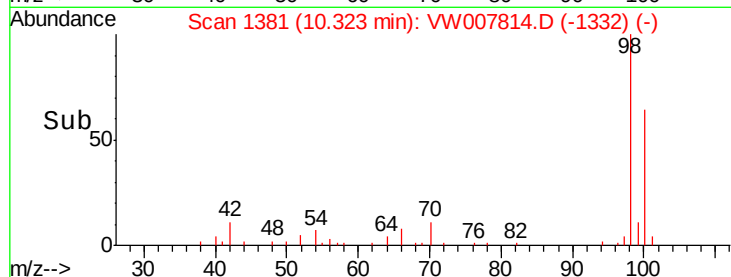
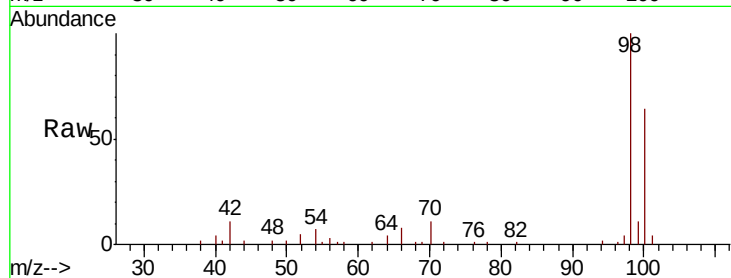
P001-SS001-0612-02RE

Tot Ion: 98 Resp: 14992

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#52

Toluene

Concen: 3.529 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007814.D

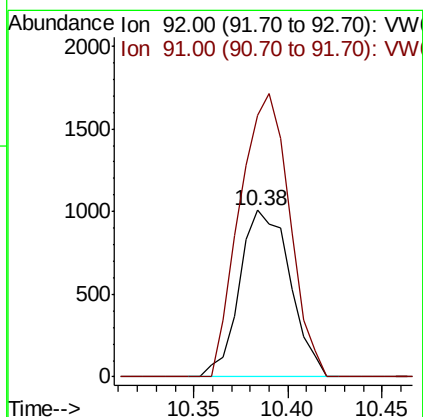
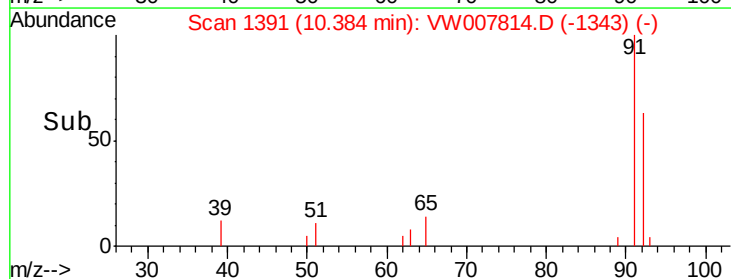
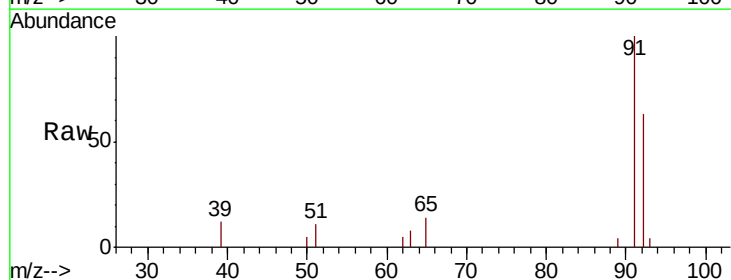
Acq: 21 Dec 2018 23:44

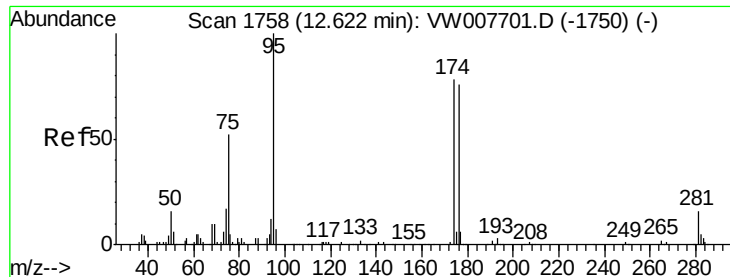
Tgt Ion: 92 Resp: 1874

Ion Ratio Lower Upper

92 100

91 167.6 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 17.671 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007814.D

Acq: 21 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0612-02RE

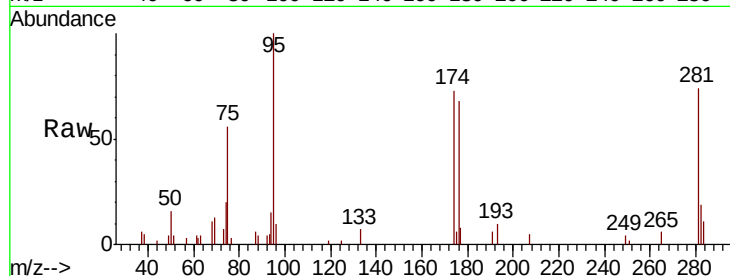
Tot Ion: 95 Resp: 4825

Ion Ratio Lower Upper

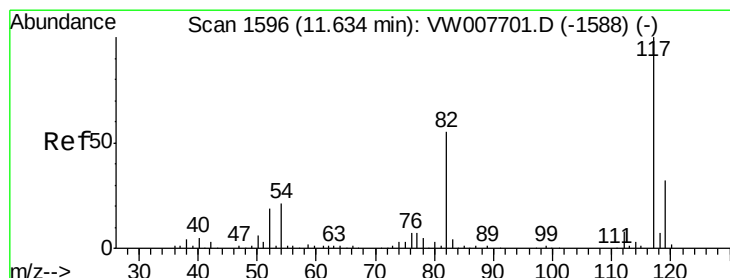
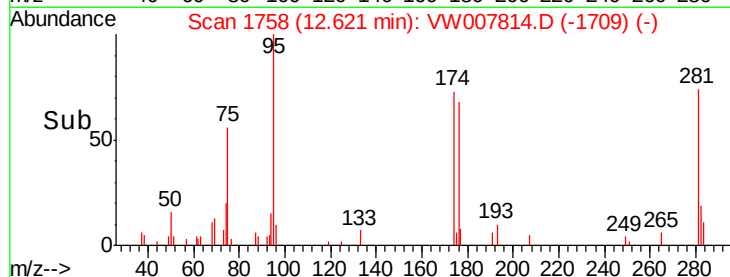
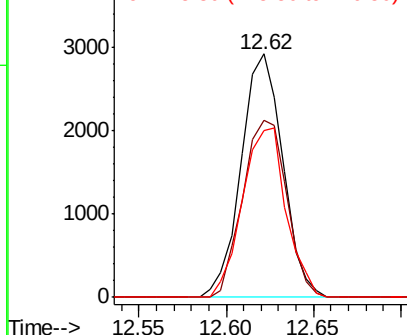
95 100

174 76.9 0.0 152.2

176 73.1 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007814.D

Acq: 21 Dec 2018 23:44

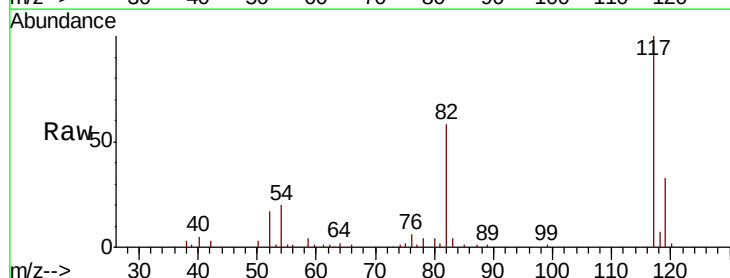
Tgt Ion: 117 Resp: 24181

Ion Ratio Lower Upper

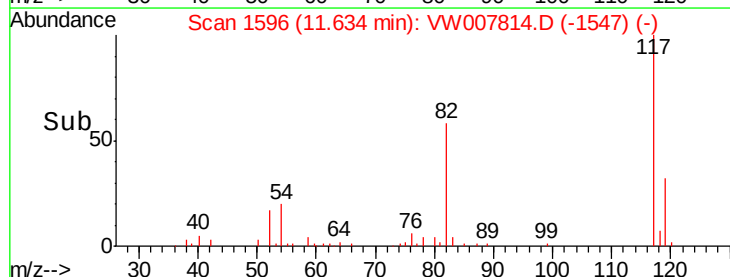
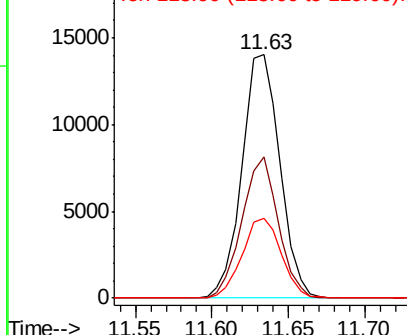
117 100

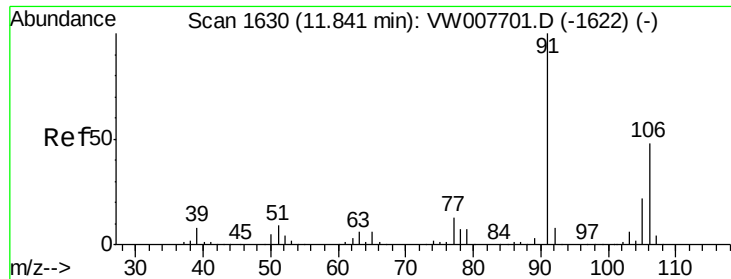
82 58.0 44.3 66.5

119 32.8 25.7 38.5



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

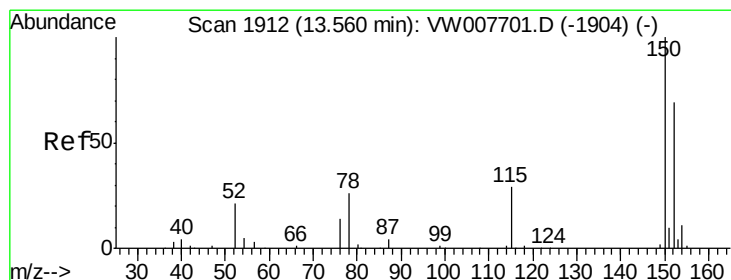
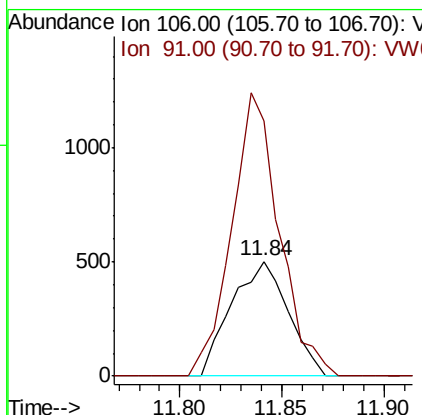
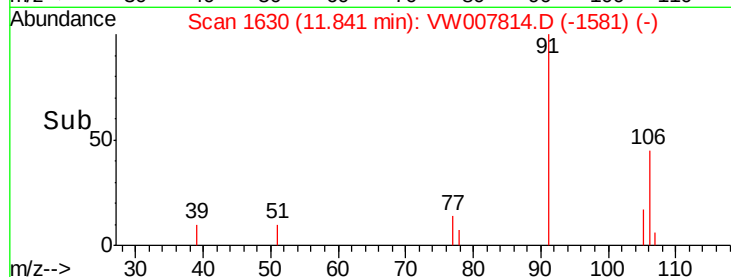
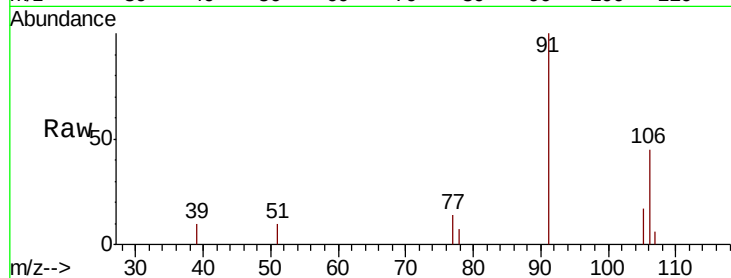




#68
m/p-Xvlenes
Concen: 2.790 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

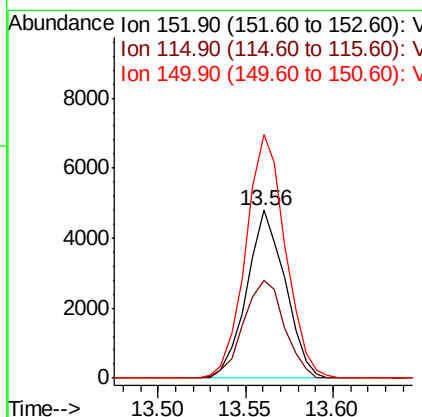
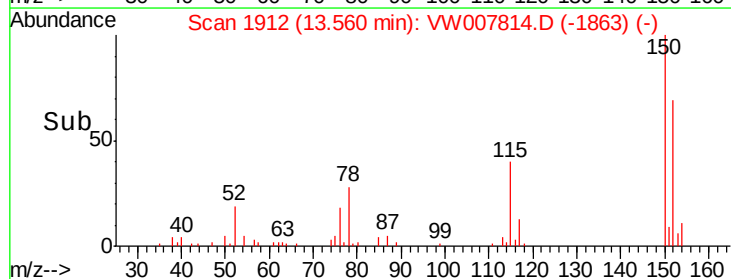
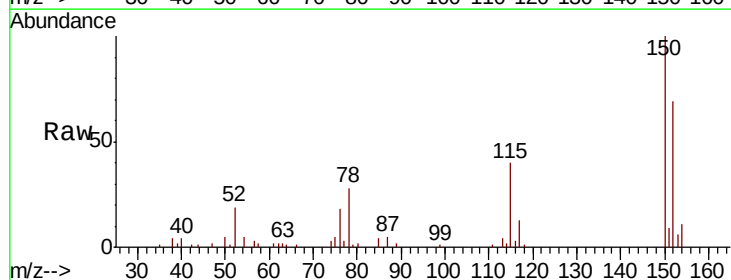
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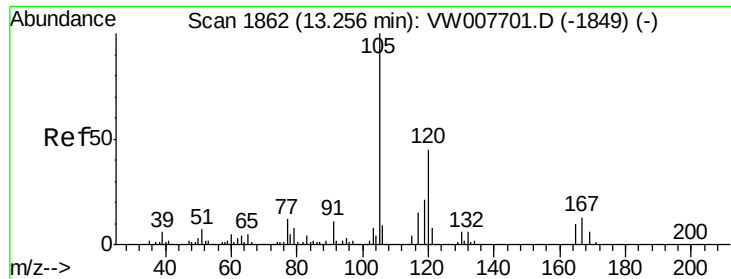
Tot Ion:106 Resp: 972
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007814.D
Acq: 21 Dec 2018 23:44

Tgt Ion:152 Resp: 7305
Ion Ratio Lower Upper
152 100
115 61.8 31.8 95.4
150 149.7 0.0 350.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.806 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW007814.D
 Acq: 21 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0612-02RE

Tot Ion:105 Resp: 868
 Ion Ratio Lower Upper
 105 100
 120 42.5 22.0 66.0

