

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007632.D
 Acq On : 17 Dec 2018 15:32
 Operator : SY/AP
 Sample : J6378-08RE
 Misc : 3.29G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD011-0006-01RE

Quant Time: Dec 18 07:37:58 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

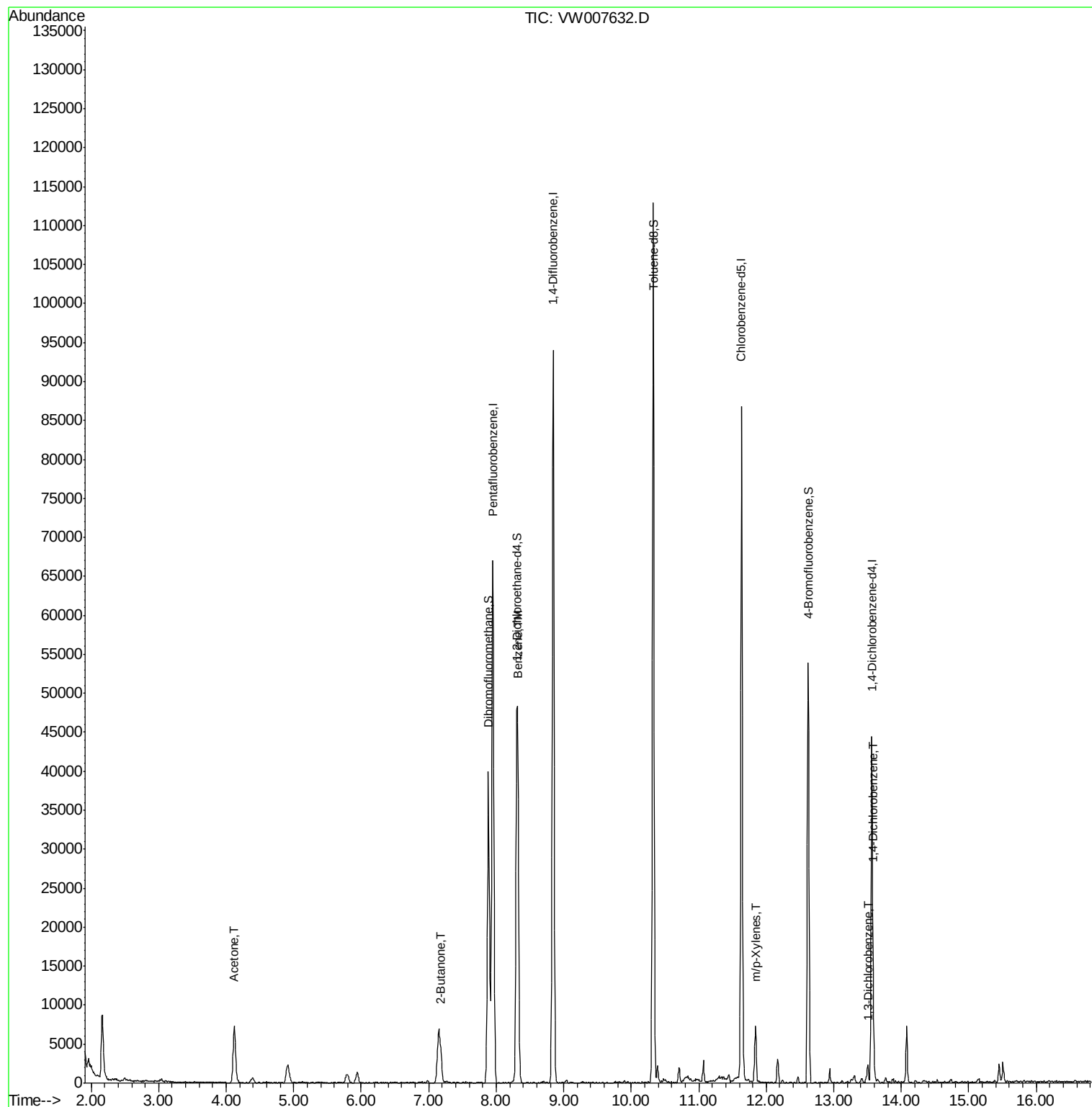
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	48936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	79284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	48618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33367	61.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.92%	
35) Dibromofluoromethane	7.88	113	27784	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
50) Toluene-d8	10.32	98	77414	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
62) 4-Bromofluorobenzene	12.62	95	16779	25.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.72%	
Target Compounds						
16) Acetone	4.12	43	12813	135.116	ug/l	94
25) 2-Butanone	7.18	43	5813	46.955	ug/l #	86
40) Benzene	8.32	78	16901	8.420	ug/l	96
68) m/p-Xylenes	11.84	106	2116	3.124	ug/l	94
87) 1,3-Dichlorobenzene	13.51	146	1054	2.732	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	3723	9.600	ug/l	97

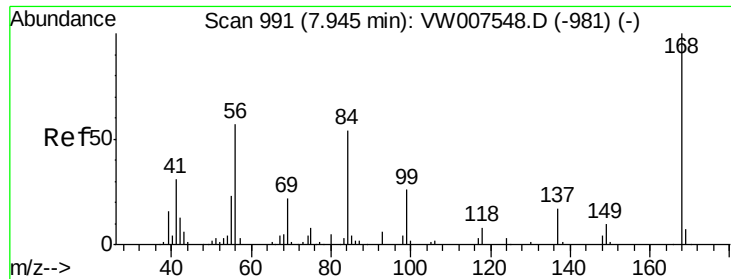
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

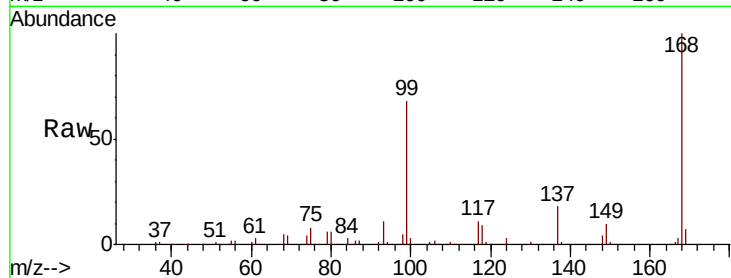
P001-SD011-0006-01RE

Tot Ion:168 Resp: 48936

Ion Ratio Lower Upper

168 100

99 68.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

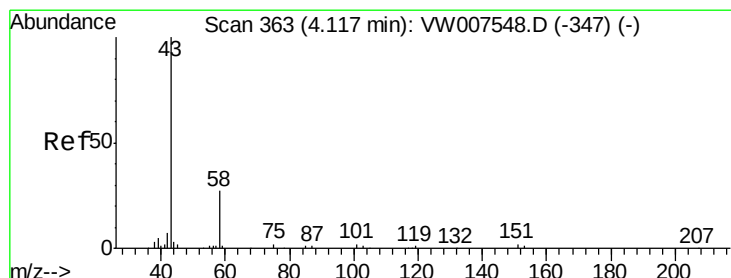
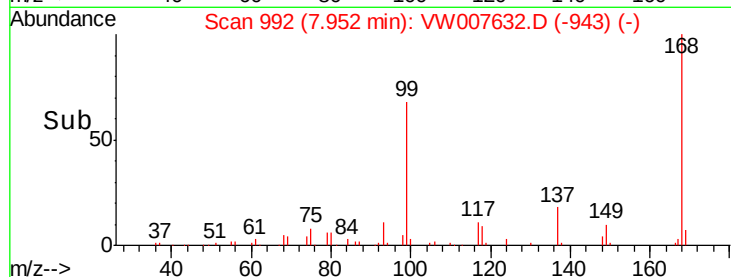
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 135.116 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007632.D

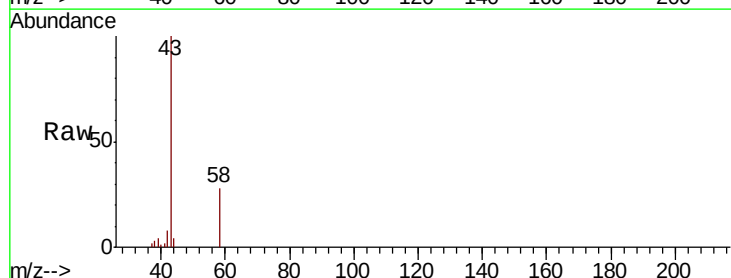
Acq: 17 Dec 2018 15:32

Tgt Ion: 43 Resp: 12813

Ion Ratio Lower Upper

43 100

58 28.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

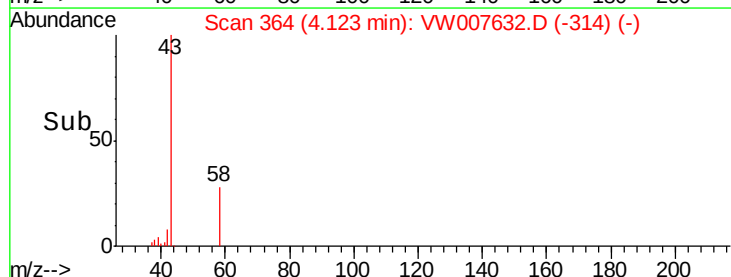
2000

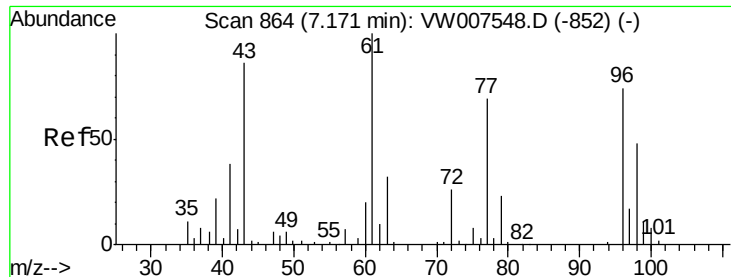
1000

0

Time-->

4.00 4.10 4.20





#25

2-Butanone

Concen: 46.955 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

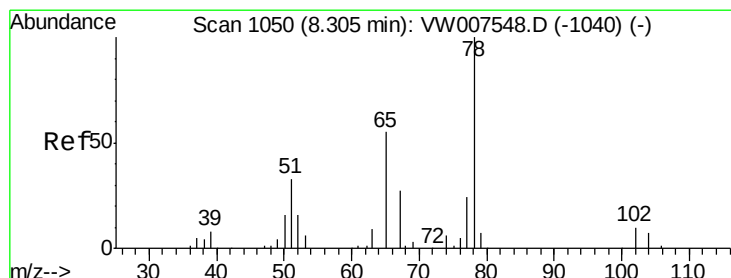
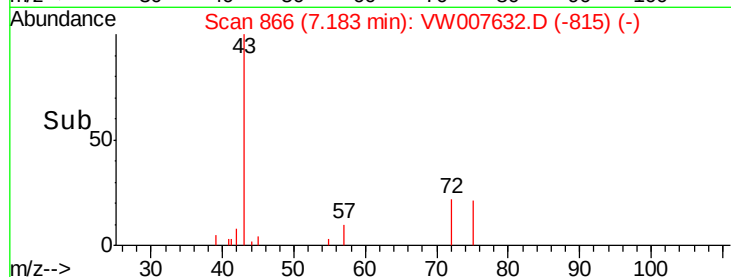
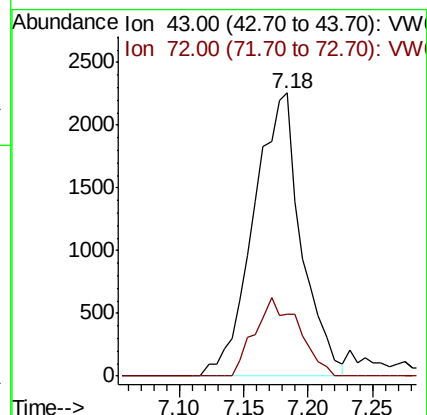
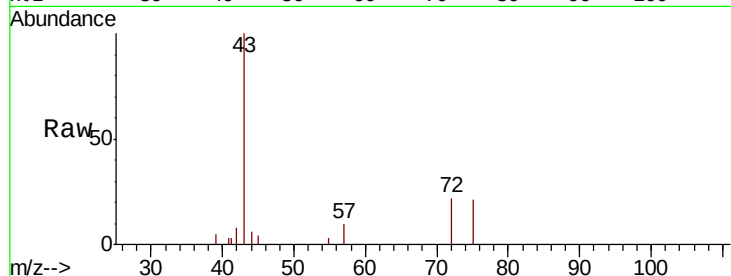
P001-SD011-0006-01RE

Tot Ion: 43 Resp: 5813

Ion Ratio Lower Upper

43 100

72 21.9 23.4 35.2#



#33

1,2-Dichloroethane-d4

Concen: 61.460 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007632.D

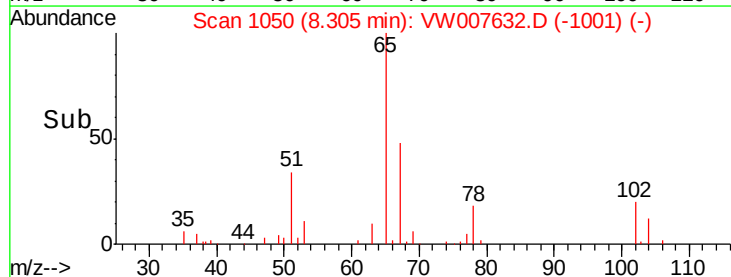
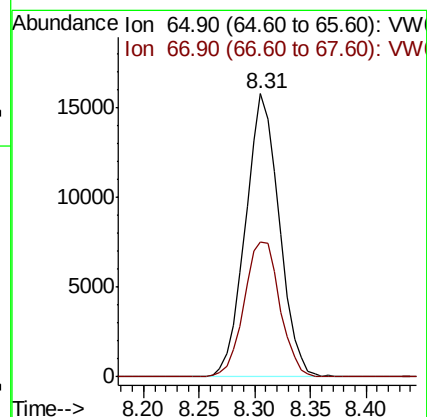
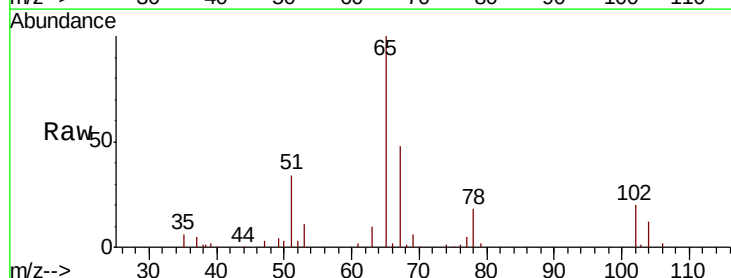
Acq: 17 Dec 2018 15:32

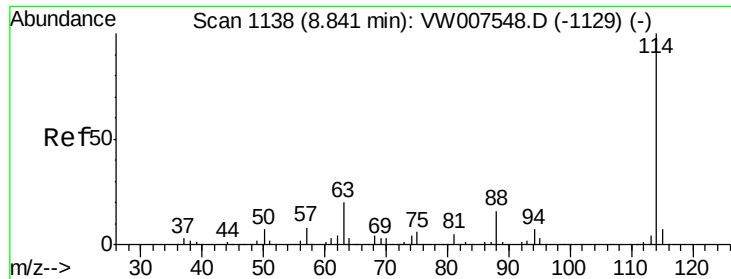
Tgt Ion: 65 Resp: 33367

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6

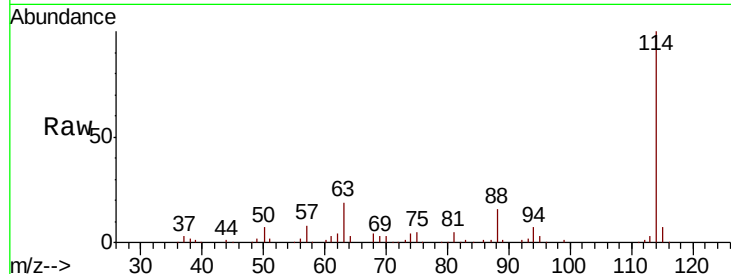




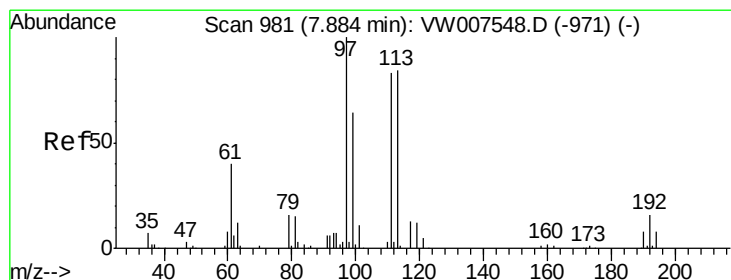
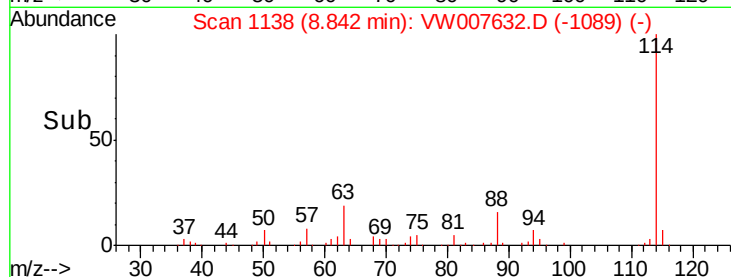
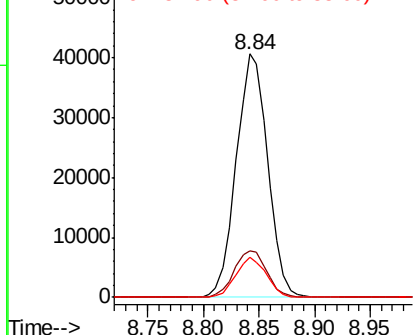
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD011-0006-01RE

Tot Ion:114 Resp: 79284
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 16.3 0.0 31.4

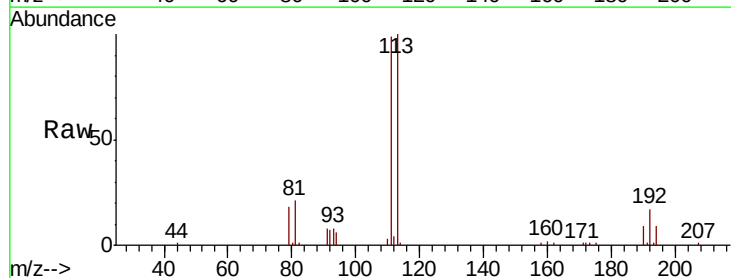


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

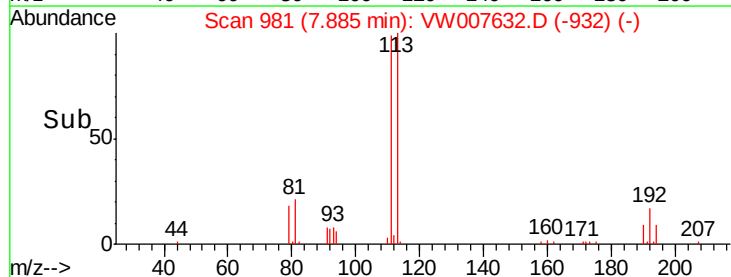
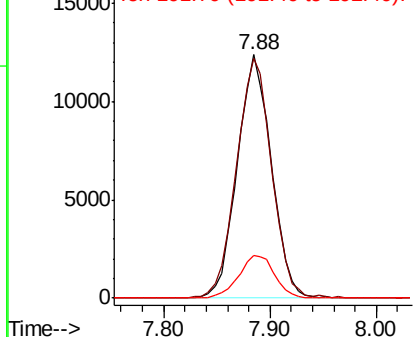


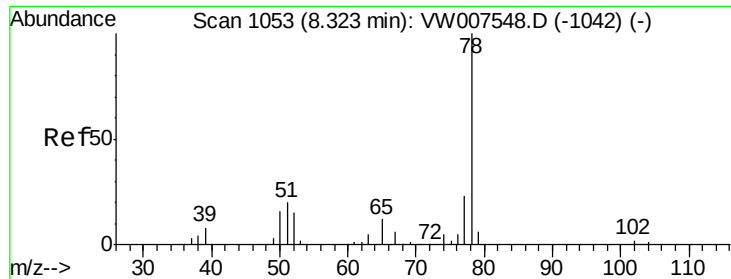
#35
 Dibromofluoromethane
 Concen: 57.891 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Tgt Ion:113 Resp: 27784
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 18.3 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





#40

Benzene

Concen: 8.420 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007632.D

Acq: 17 Dec 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

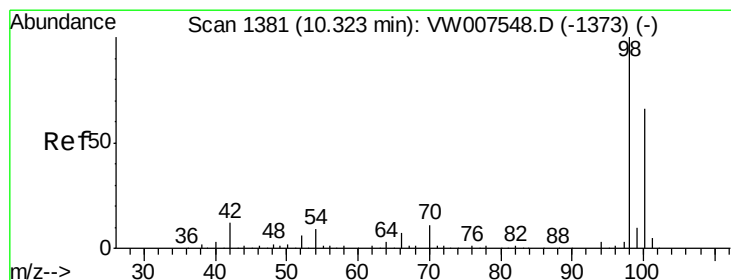
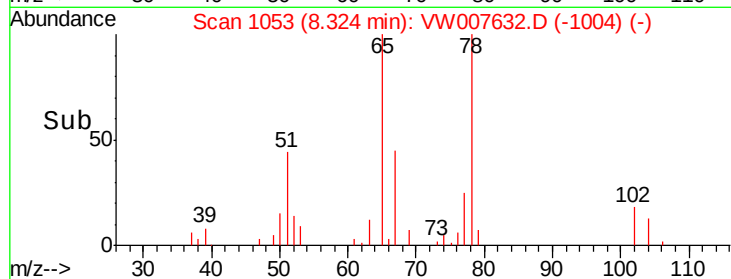
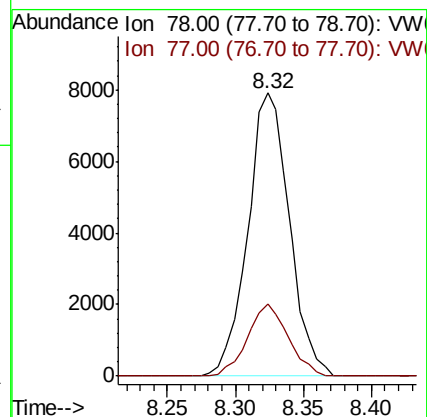
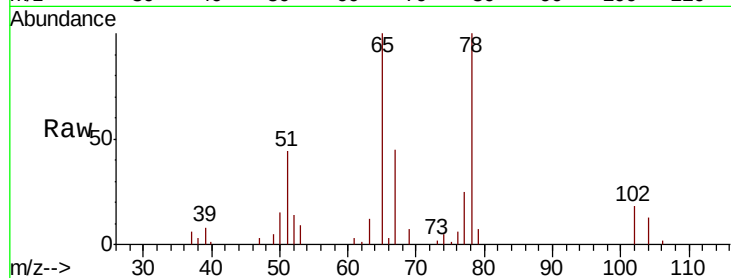
P001-SD011-0006-01RE

Tot Ion: 78 Resp: 16901

Ion Ratio Lower Upper

78 100

77 25.5 18.8 28.2



#50

Toluene-d8

Concen: 43.020 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007632.D

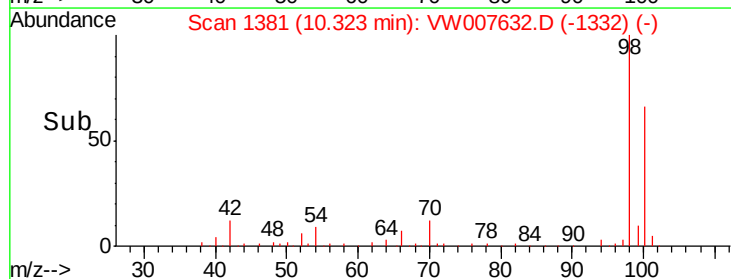
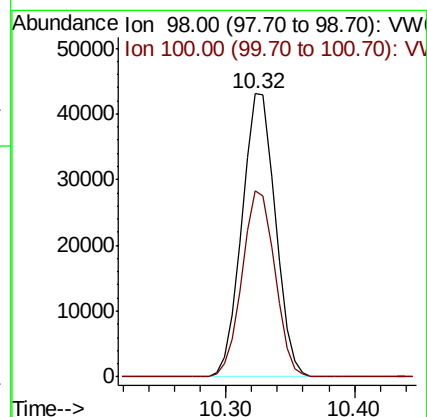
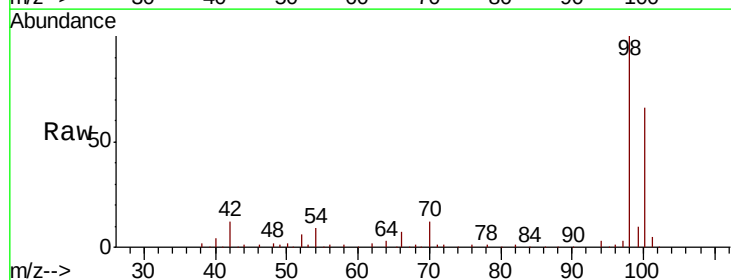
Acq: 17 Dec 2018 15:32

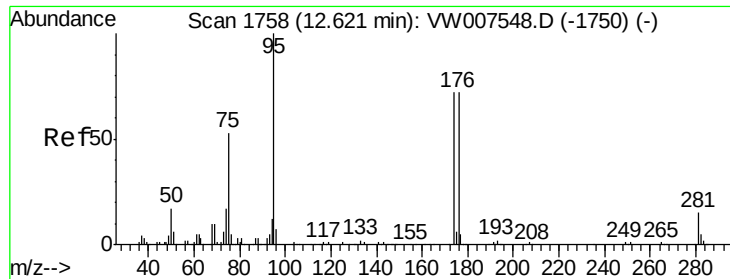
Tgt Ion: 98 Resp: 77414

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8

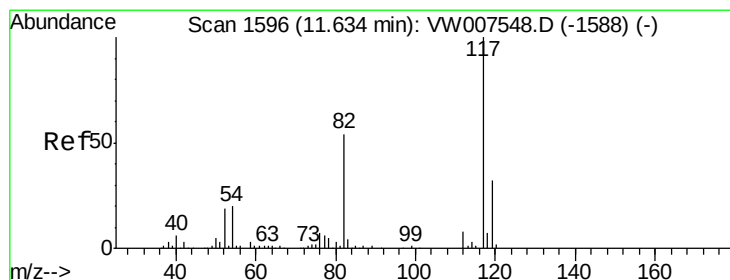
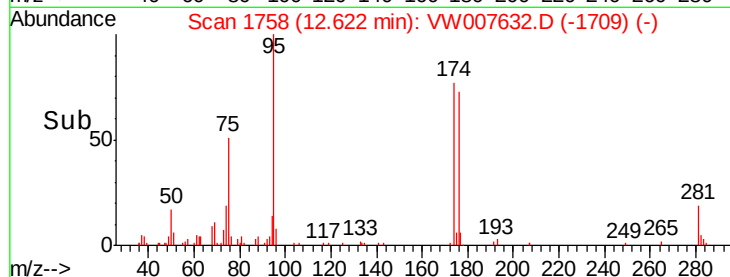
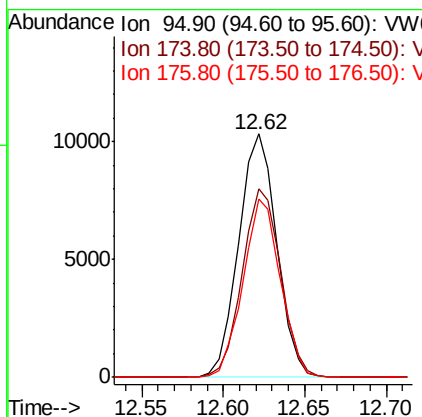
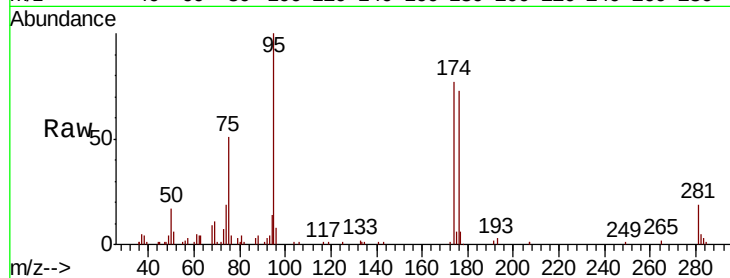




#62
4-Bromofluorobenzene
Concen: 25.360 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

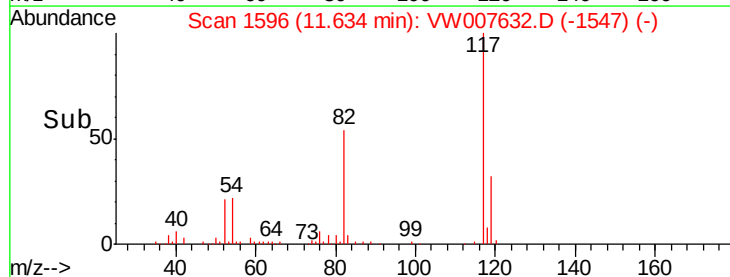
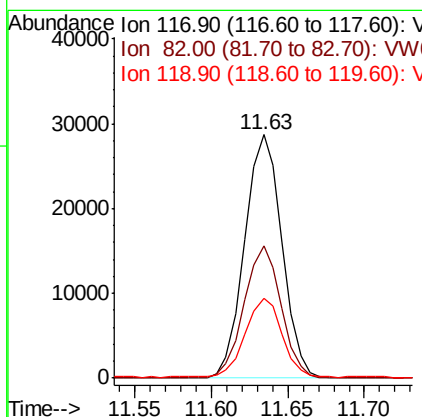
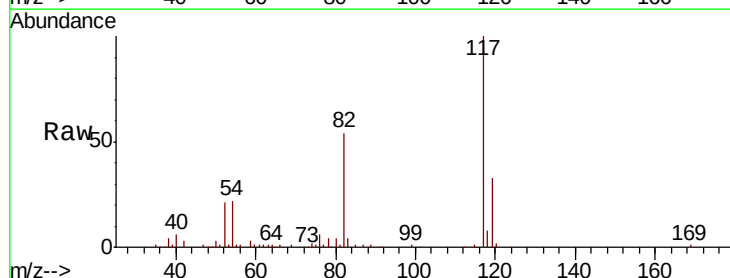
Instrument :
MSVOA_W
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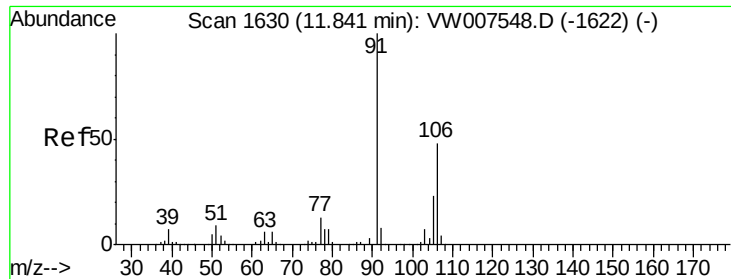
Tot Ion: 95 Resp: 16779
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.2
176 72.3 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion: 117 Resp: 48618
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 32.6 23.0 34.6

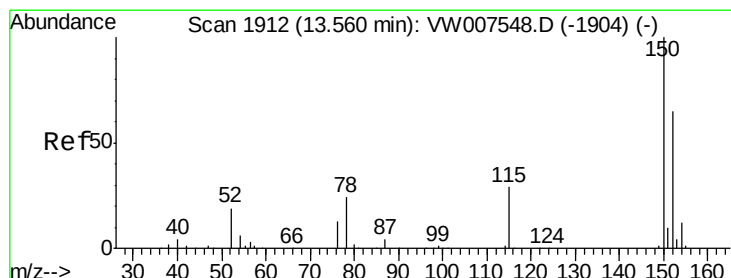
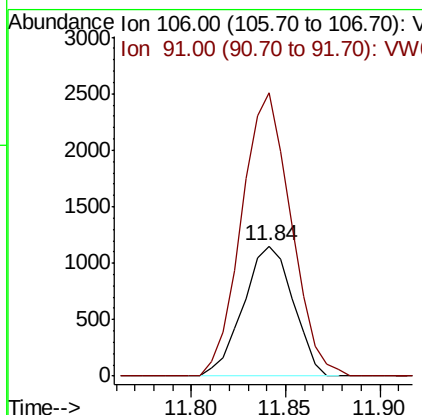
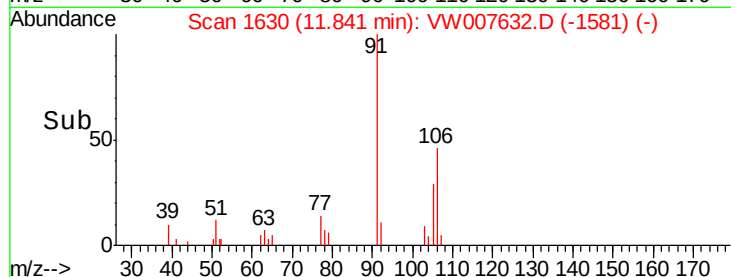
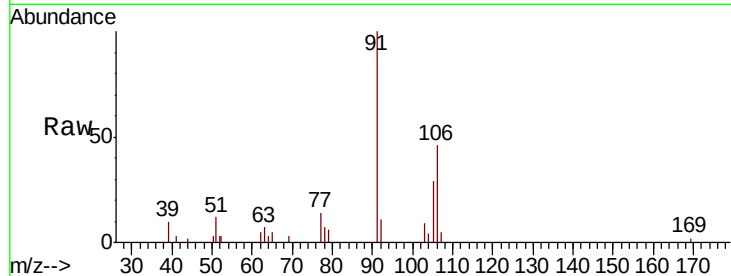




#68
m/p-Xylenes
Concen: 3.124 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

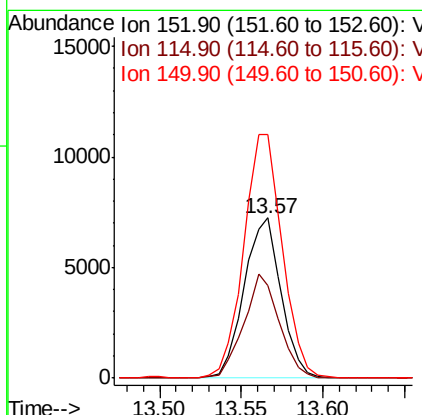
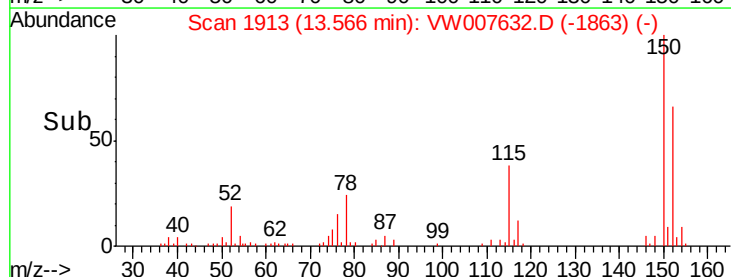
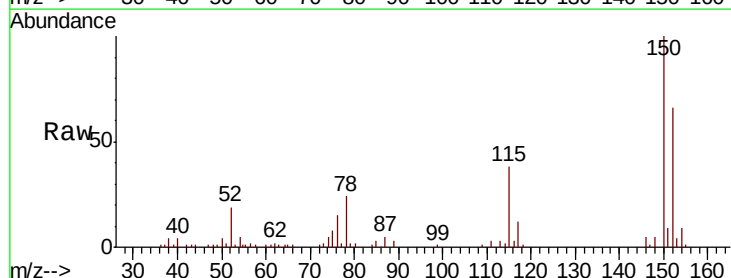
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P001-SD011-0006-01RE

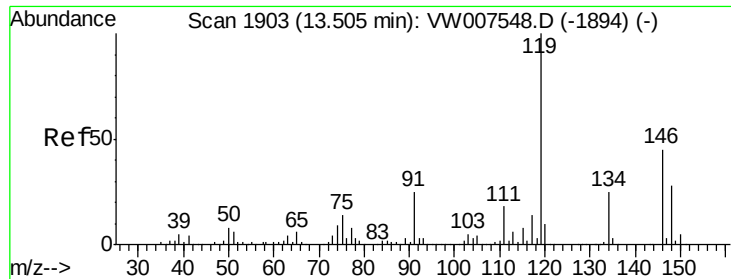
Tot Ion:106 Resp: 2116
Ion Ratio Lower Upper
106 100
91 215.4 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007632.D
Acq: 17 Dec 2018 15:32

Tgt Ion:152 Resp: 11391
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 158.9 0.0 358.4

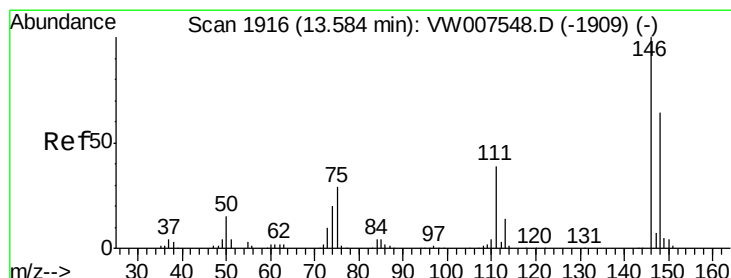
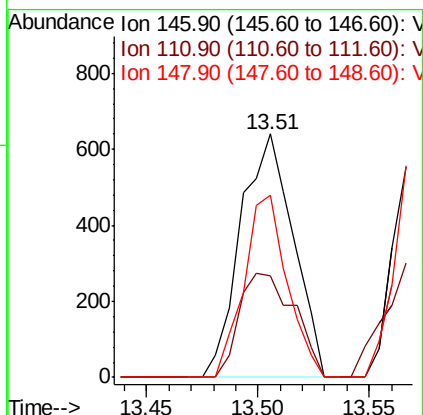
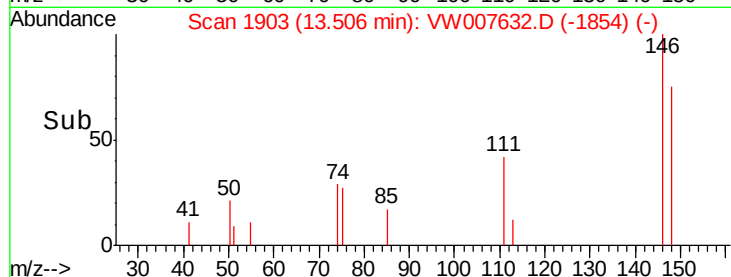
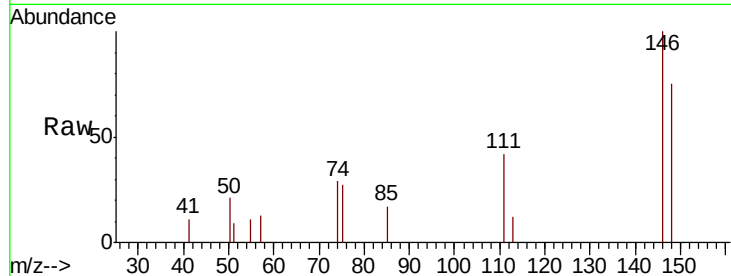




#87
 1,3-Dichlorobenzene
 Concen: 2.732 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD011-0006-01RE

Tot Ion:146 Resp: 1054
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.1 60.3
 148 61.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 9.600 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007632.D
 Acq: 17 Dec 2018 15:32

Tgt Ion:146 Resp: 3723
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.3 61.0
 148 68.2 33.5 100.5

