

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007602.D
 Acq On : 16 Dec 2018 01:39
 Operator : SY/AP
 Sample : J6378-08
 Misc : 3.20G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 16 02:42:51 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	56442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	91204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	41126	65.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.36%	
35) Dibromofluoromethane	7.88	113	33917	61.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.86%	
50) Toluene-d8	10.32	98	95573	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.62	95	20033	26.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.64%	

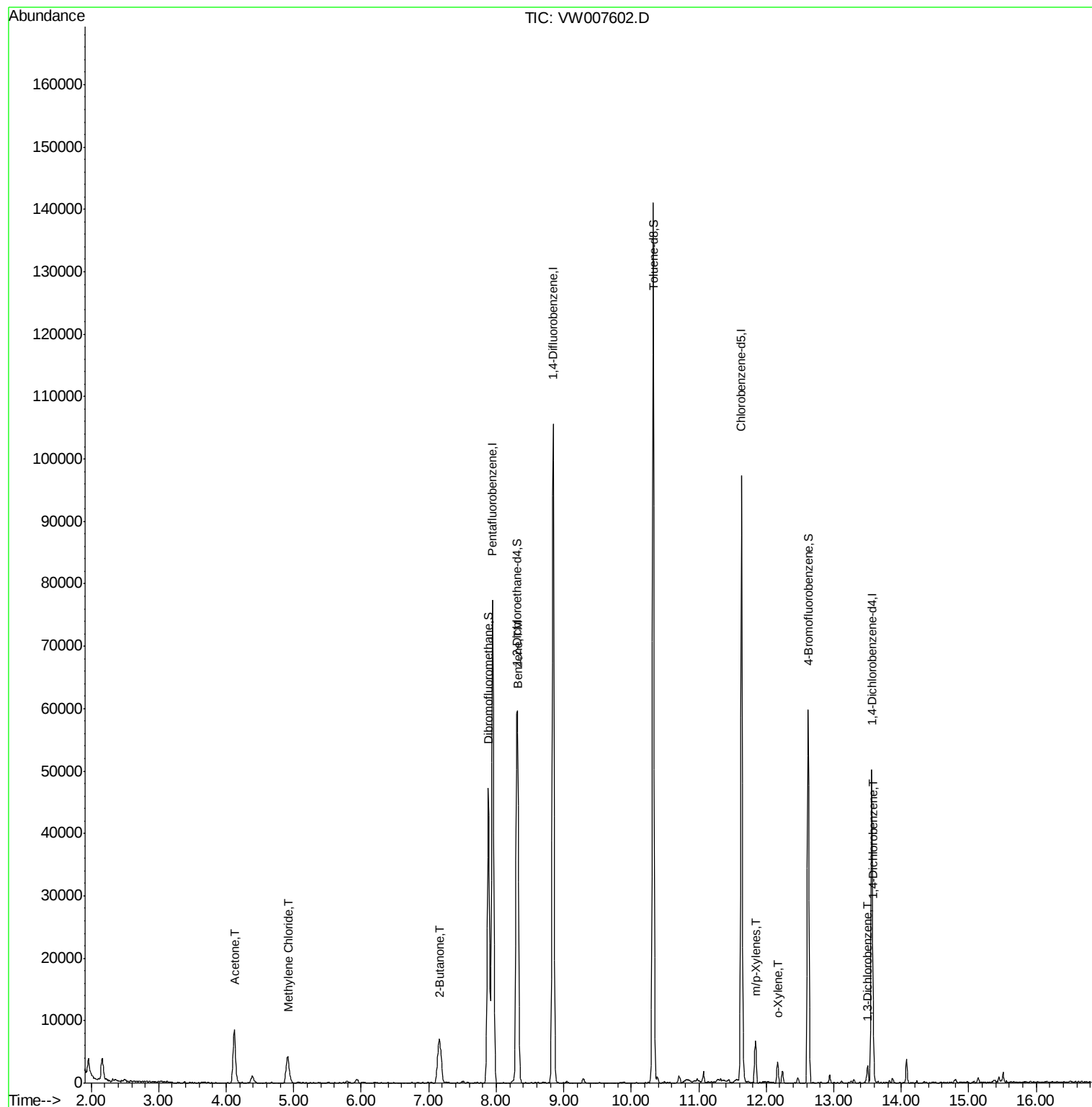
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	14686	134.272	ug/l	95
20) Methylene Chloride	4.91	84	3778	2.603	ug/l #	93
25) 2-Butanone	7.17	43	7582	53.099	ug/l	94
40) Benzene	8.32	78	22088	9.566	ug/l	97
68) m/p-Xylenes	11.84	106	2031	2.684	ug/l	92
69) o-Xylene	12.16	106	977	1.383	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1252	2.868	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	3831	8.728	ug/l	95

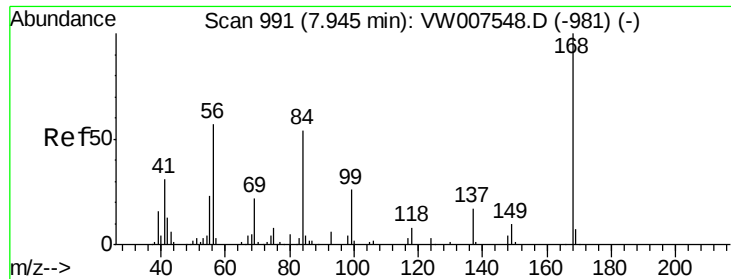
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
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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# 991

Delta R.T. -0.01 min

Lab File: VW007602.D

Acq: 16 Dec 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

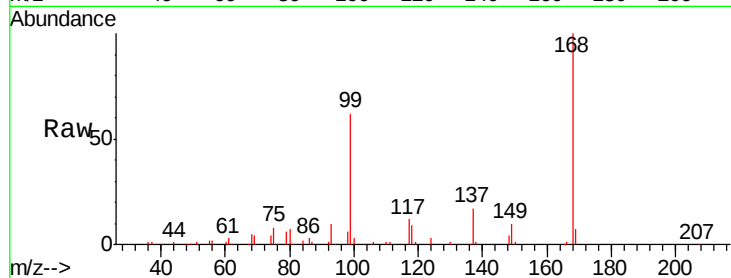
P001-SD011-0006-01

Tgt Ion:168 Resp: 56442

Ion Ratio Lower Upper

168 100

99 61.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

25000

20000

15000

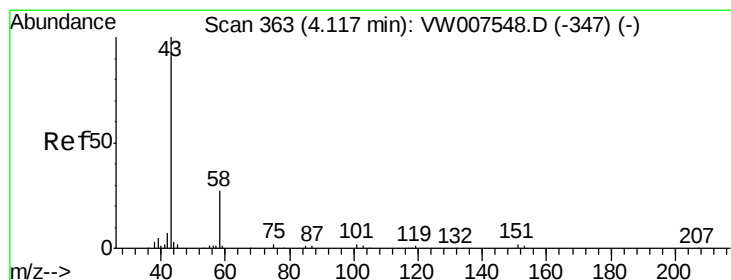
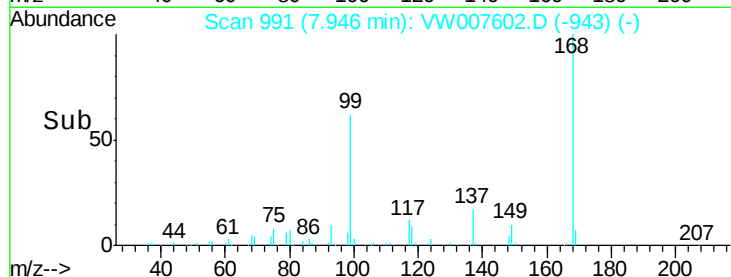
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 134.272 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007602.D

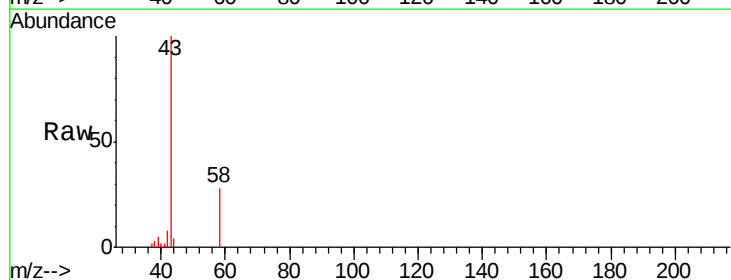
Acq: 16 Dec 2018 01:39

Tgt Ion: 43 Resp: 14686

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW007548.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VW007548.D (-347) (-)

4.12

6000

5000

4000

3000

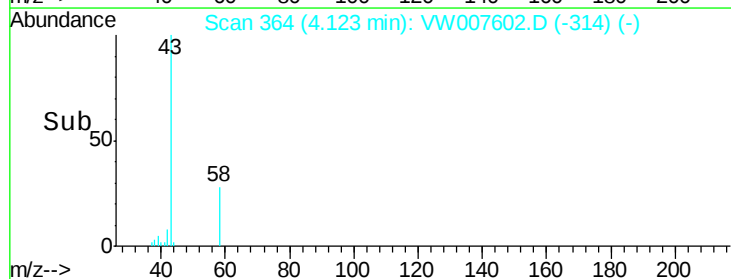
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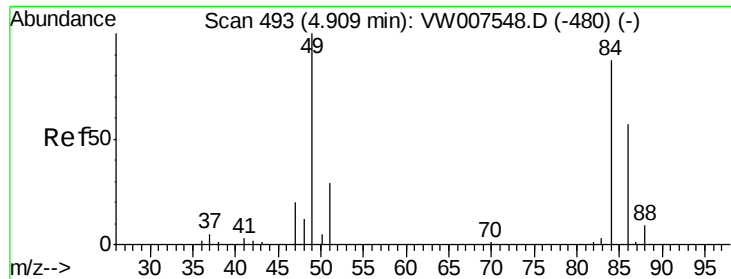
1000

0

4.00 4.10 4.20

Time-->

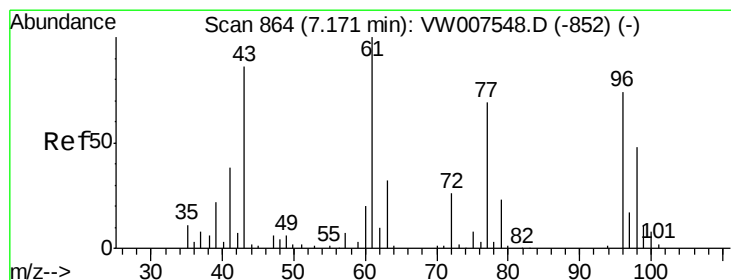
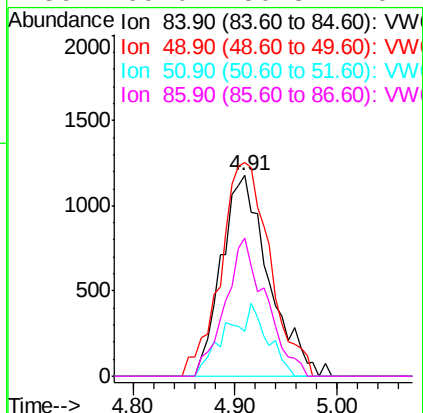
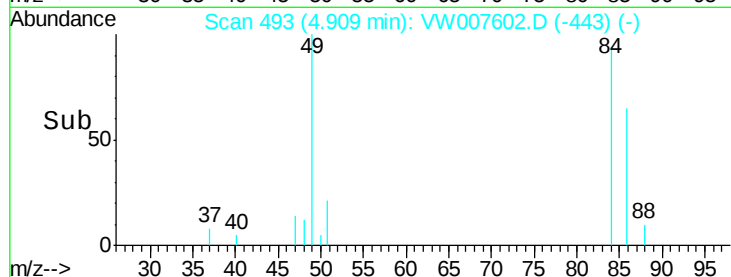
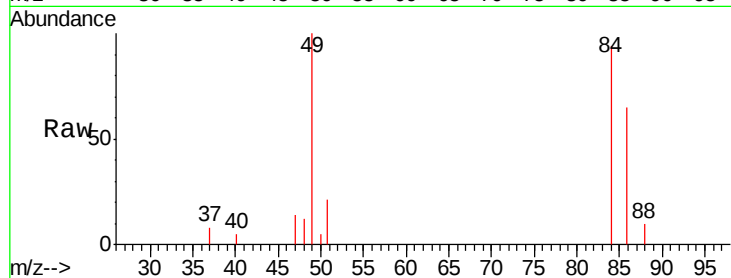




#20
Methylene Chloride
Concen: 2.603 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

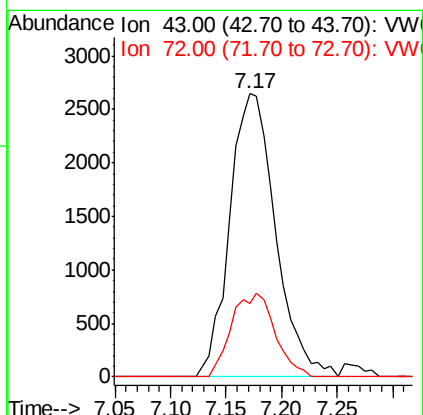
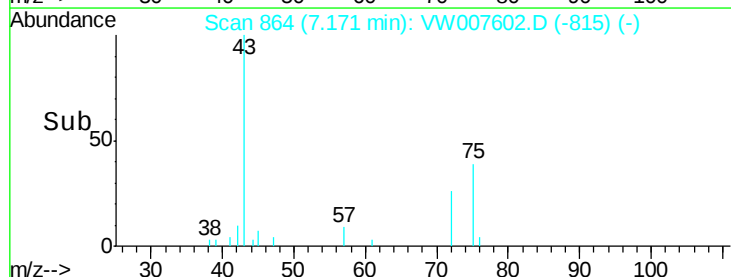
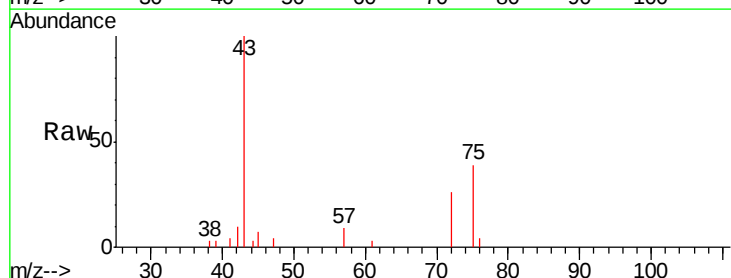
Instrument :
MSVOA_W
ClientSampleId :
P001-SD011-0006-01

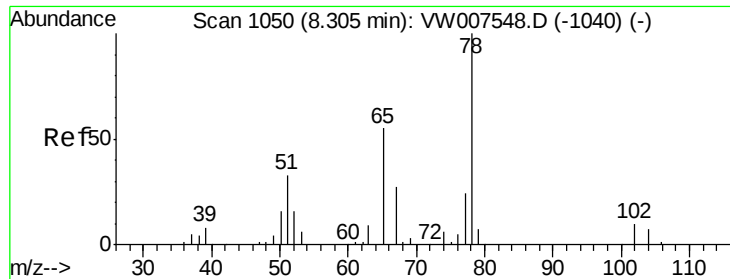
Tgt Ion: 84 Resp: 3778
Ion Ratio Lower Upper
84 100
49 106.5 87.1 130.7
51 22.1 28.2 42.2#
86 69.0 50.8 76.2



#25
2-Butanone
Concen: 53.099 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

Tgt Ion: 43 Resp: 7582
Ion Ratio Lower Upper
43 100
72 25.9 23.4 35.2

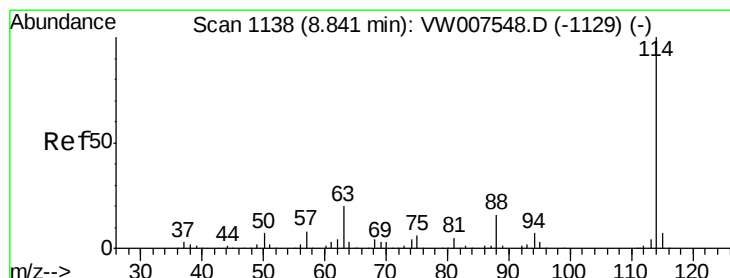
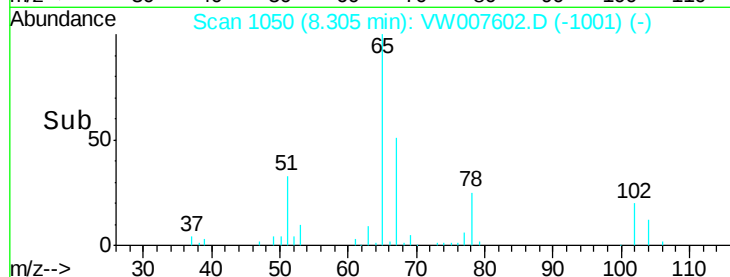
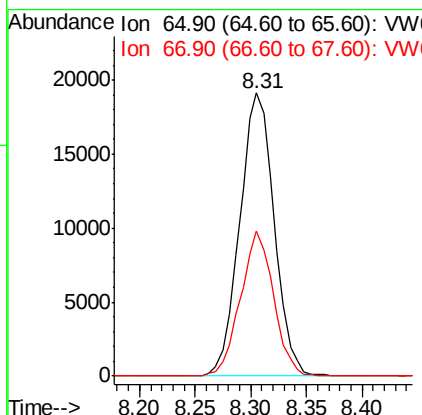
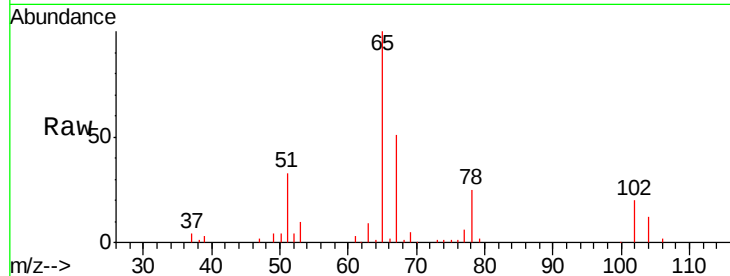




#33
 1,2-Dichloroethane-d4
 Concen: 65.678 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007602.D
 Acq: 16 Dec 2018 01:39

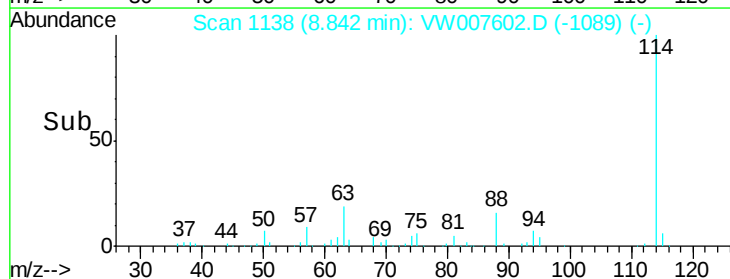
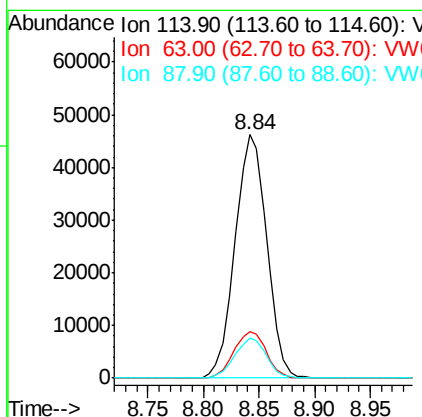
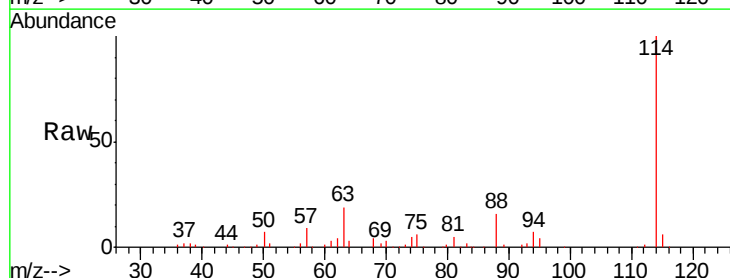
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD011-0006-01

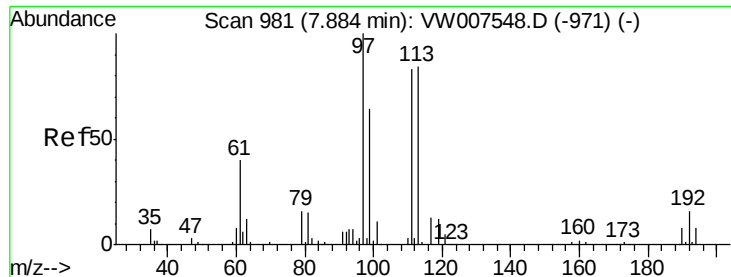
Tgt Ion: 65 Resp: 41126
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007602.D
 Acq: 16 Dec 2018 01:39

Tgt Ion: 114 Resp: 91204
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 16.3 0.0 31.4

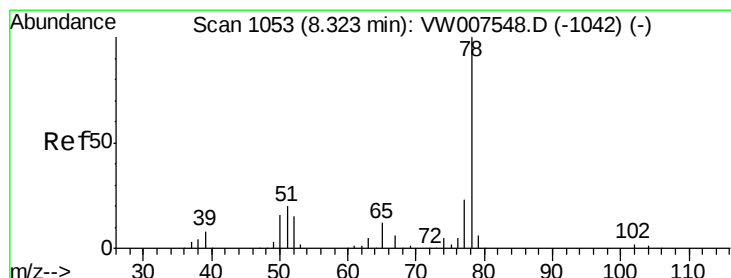
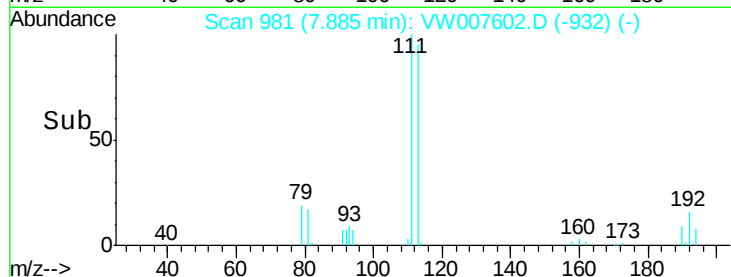
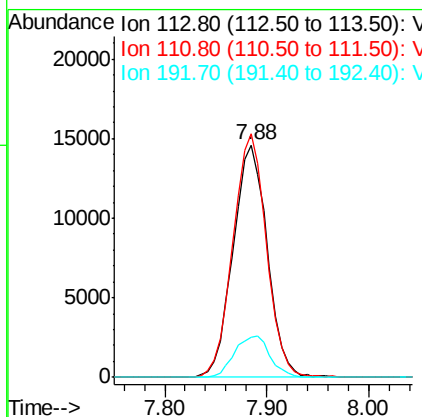
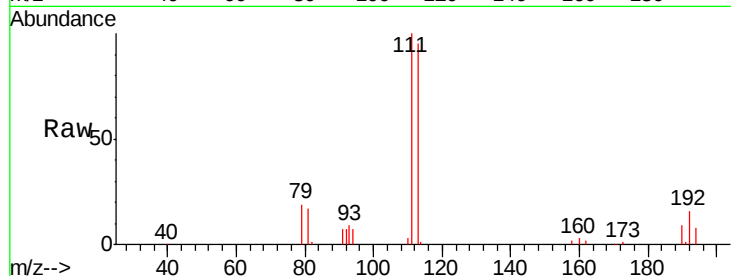




#35
 Dibromofluoromethane
 Concen: 61.433 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007602.D
 Acq: 16 Dec 2018 01:39

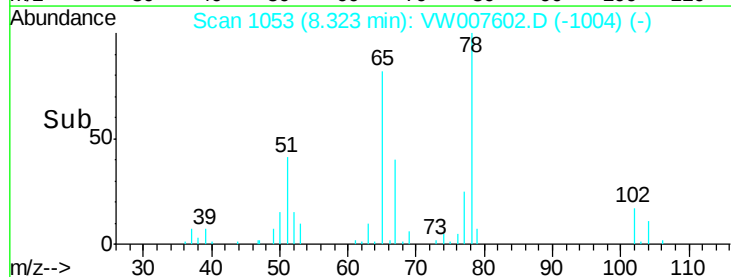
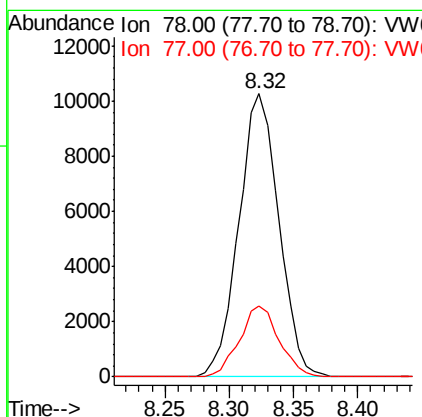
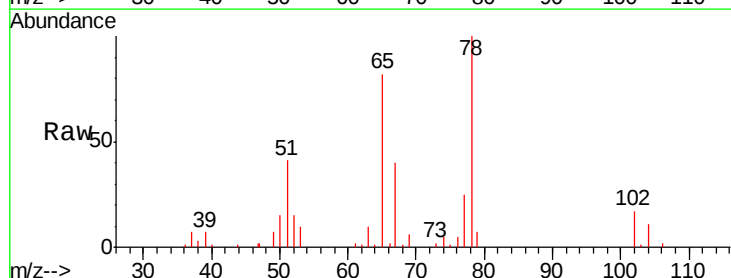
Instrument :
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 ClientSampleId :
 P001-SD011-0006-01

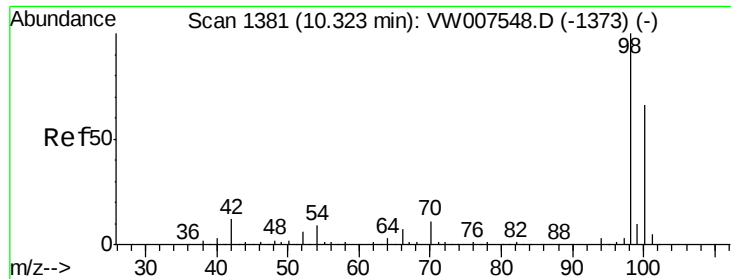
Tgt Ion: 113 Resp: 33917
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 18.4 14.6 21.8



#40
 Benzene
 Concen: 9.566 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VW007602.D
 Acq: 16 Dec 2018 01:39

Tgt Ion: 78 Resp: 22088
 Ion Ratio Lower Upper
 78 100
 77 25.1 18.8 28.2





#50

Toluene-d8

Concen: 46.169 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007602.D

Acq: 16 Dec 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

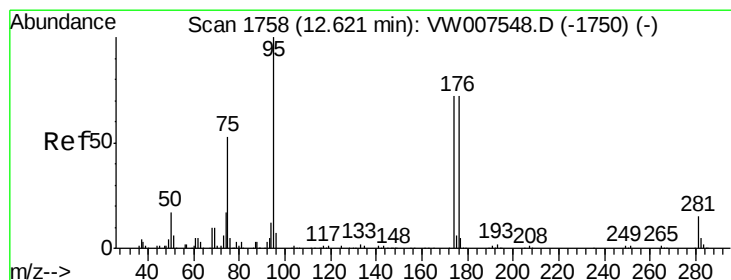
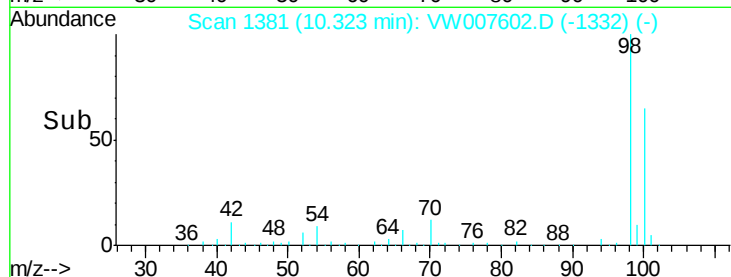
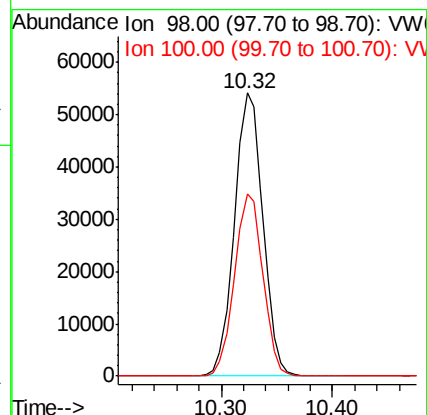
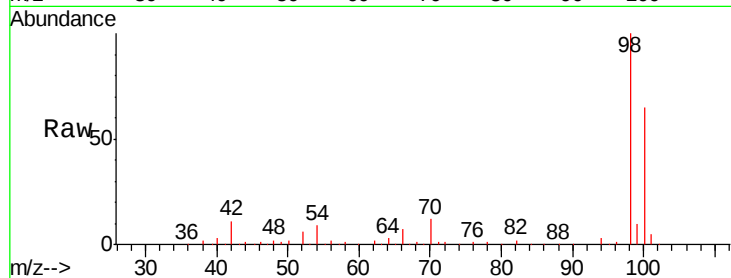
P001-SD011-0006-01

Tgt Ion: 98 Resp: 95573

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 26.321 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007602.D

Acq: 16 Dec 2018 01:39

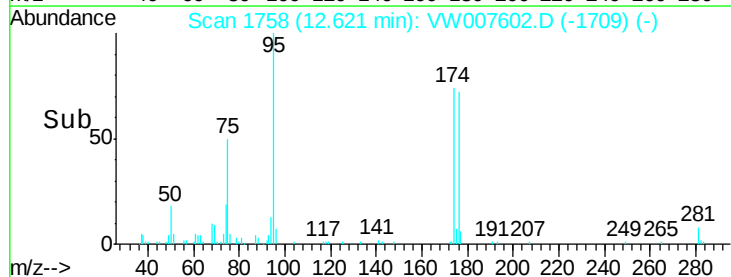
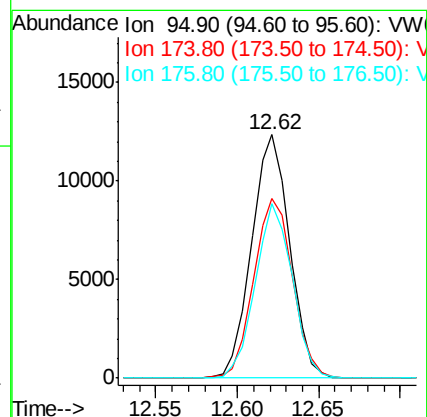
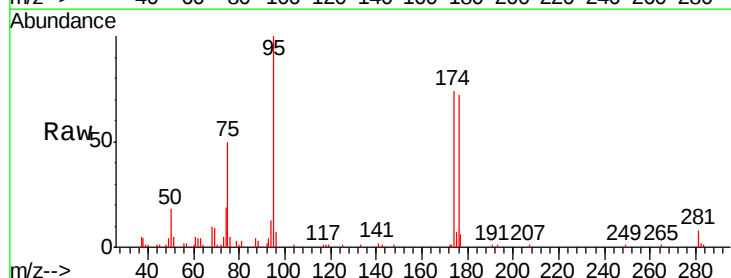
Tgt Ion: 95 Resp: 20033

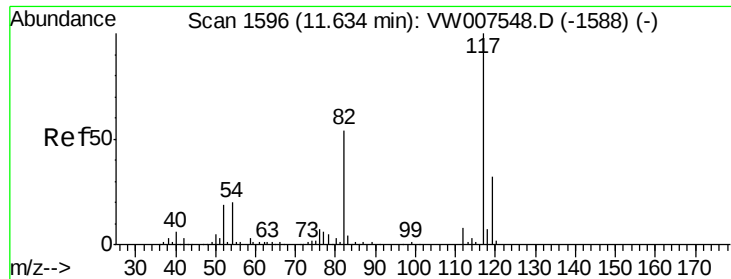
Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.2

176 69.9 0.0 138.8

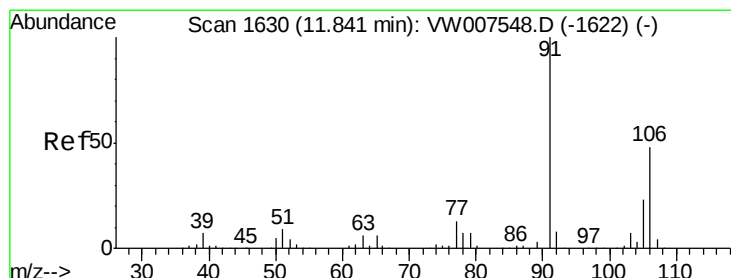
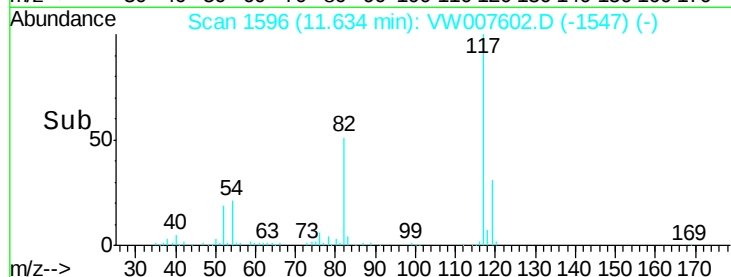
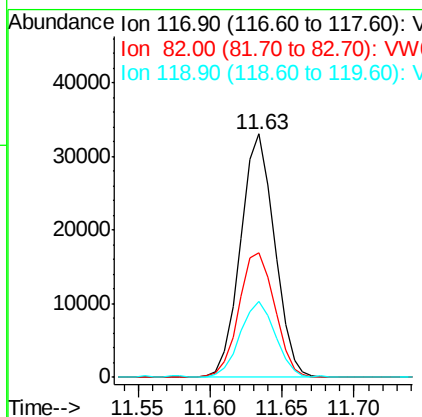
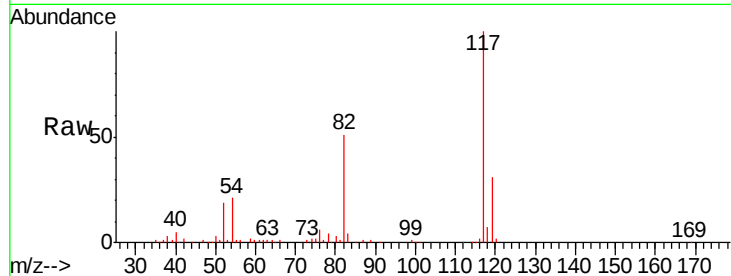




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

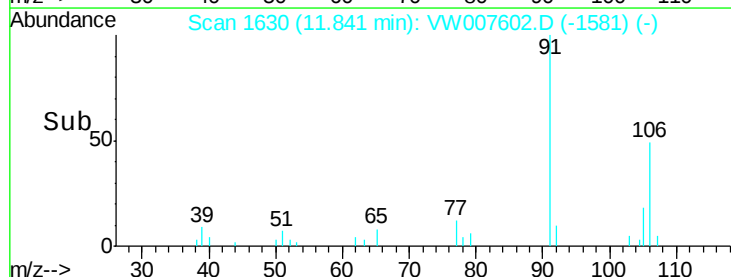
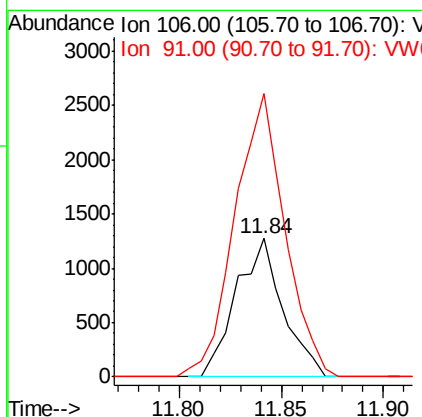
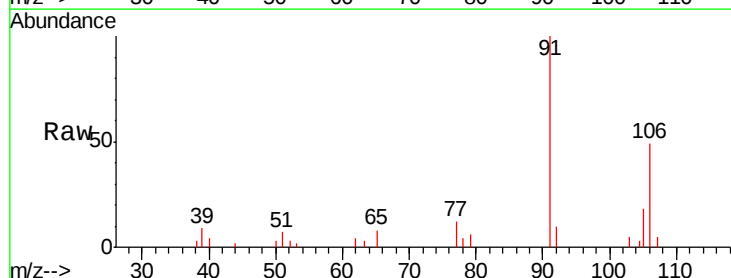
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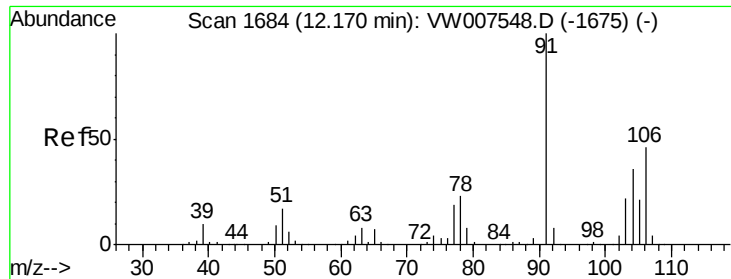
Tgt Ion:117 Resp: 54312
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 31.1 23.0 34.6



#68
m/p-Xylenes
Concen: 2.684 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

Tgt Ion:106 Resp: 2031
Ion Ratio Lower Upper
106 100
91 219.7 165.3 247.9

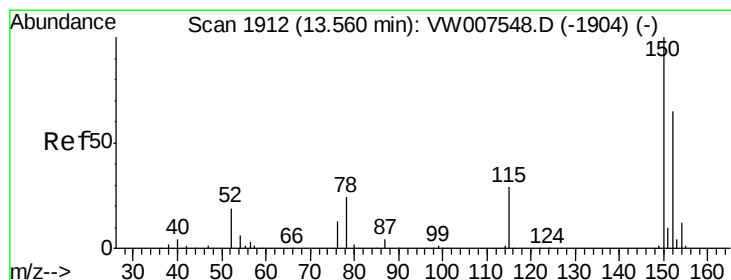
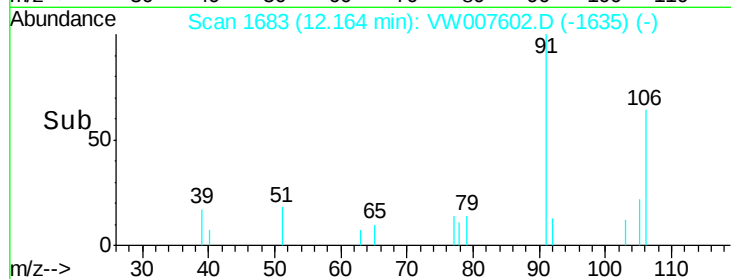
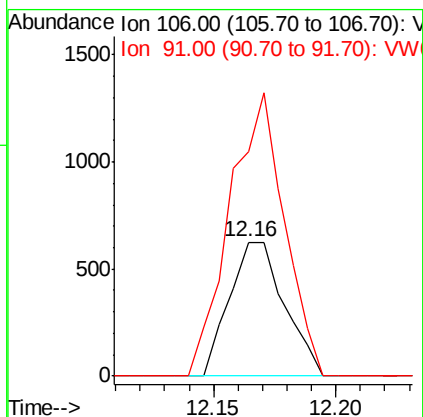
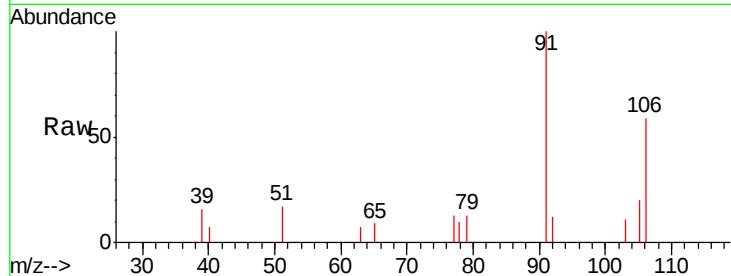




#69
o-Xylene
Concen: 1.383 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

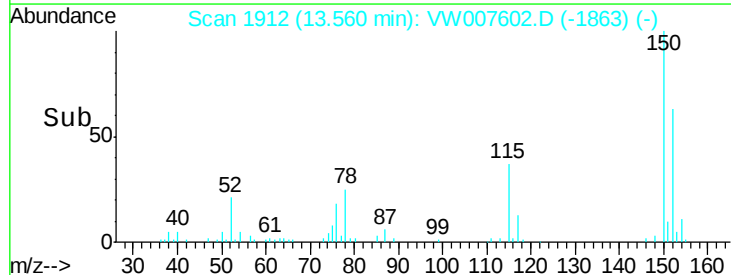
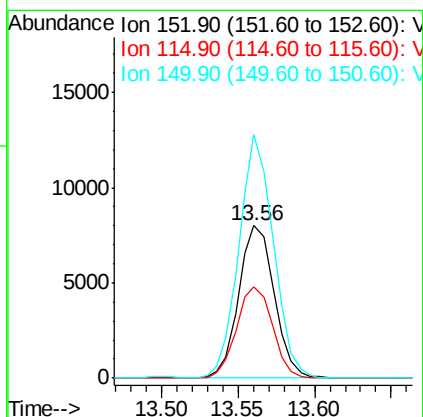
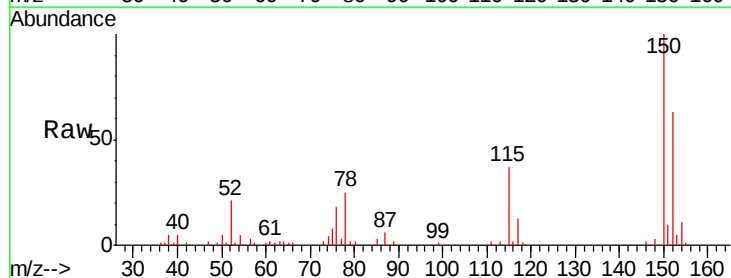
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P001-SD011-0006-01

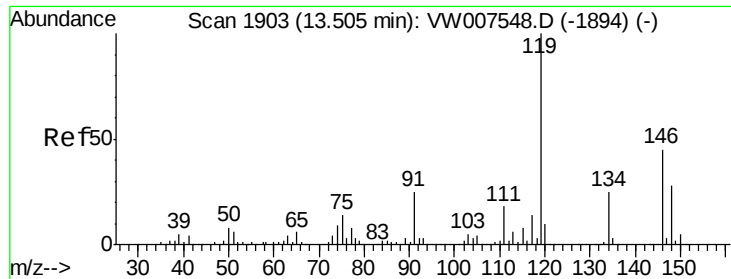
Tgt Ion:106 Resp: 977
Ion Ratio Lower Upper
106 100
91 210.8 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007602.D
Acq: 16 Dec 2018 01:39

Tgt Ion:152 Resp: 12893
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.2
150 155.5 0.0 358.4





#87

1,3-Dichlorobenzene

Concen: 2.868 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007602.D

Acq: 16 Dec 2018 01:39

Instrument :

MSVOA_W

ClientSampleId :

P001-SD011-0006-01

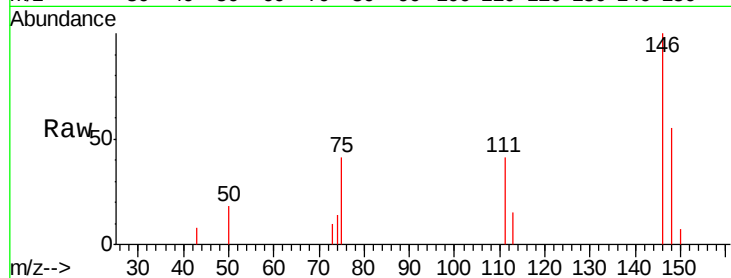
Tgt Ion:146 Resp: 1252

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.3

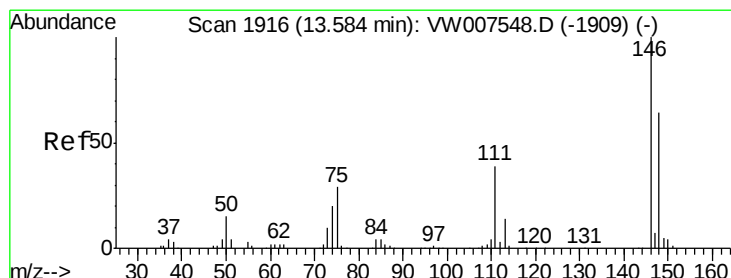
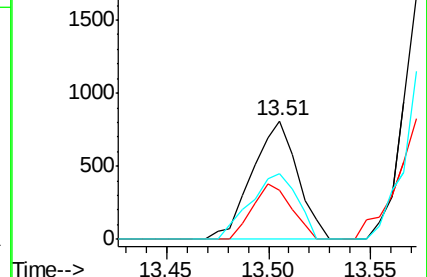
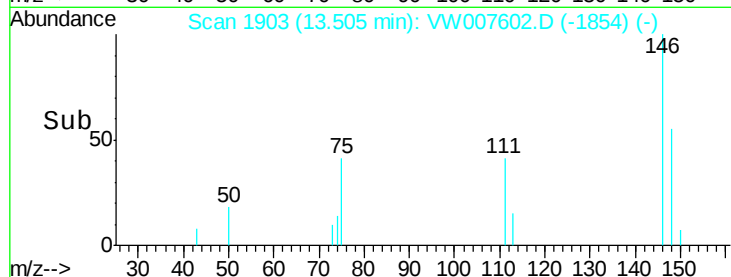
148 57.1 31.4 94.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 8.728 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW007602.D

Acq: 16 Dec 2018 01:39

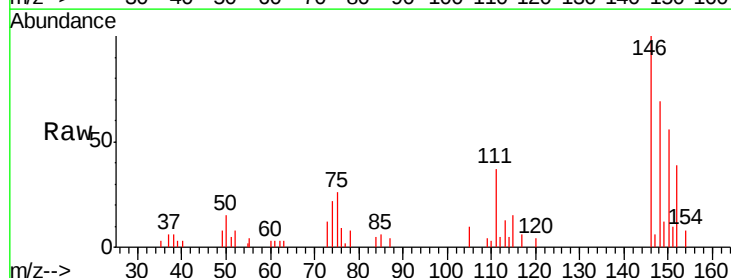
Tgt Ion:146 Resp: 3831

Ion Ratio Lower Upper

146 100

111 48.5 20.3 61.0

148 66.2 33.5 100.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

