

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007777.D
 Acq On : 21 Dec 2018 06:56
 Operator : SY/AP
 Sample : J6389-02
 Misc : 5.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-0612-01

Quant Time: Dec 21 10:34:15 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

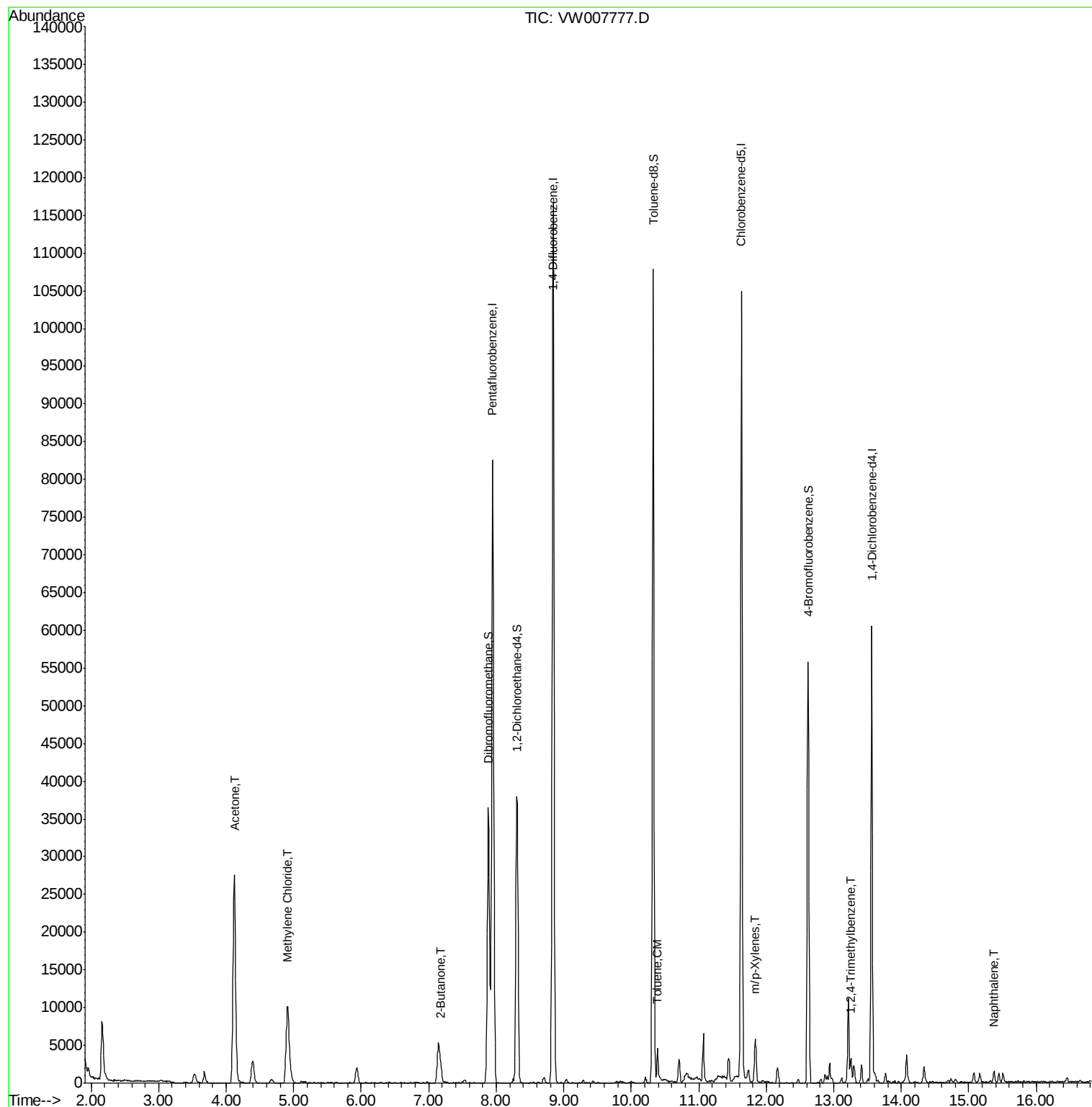
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	61294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	98461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31866	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.88	113	26708	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
50) Toluene-d8	10.32	98	72225	31.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.80%	
62) 4-Bromofluorobenzene	12.62	95	18293	20.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.82%	
Target Compounds						
16) Acetone	4.12	43	47868	380.500	ug/l	97
20) Methylene Chloride	4.92	84	9133	9.396	ug/l	96
25) 2-Butanone	7.18	43	3085	20.936	ug/l	100
52) Toluene	10.39	92	2029	1.193	ug/l	99
68) m/p-Xylenes	11.84	106	1859	2.153	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	2219	2.172	ug/l	95
95) Naphthalene	15.37	128	1646	2.682	ug/l #	87

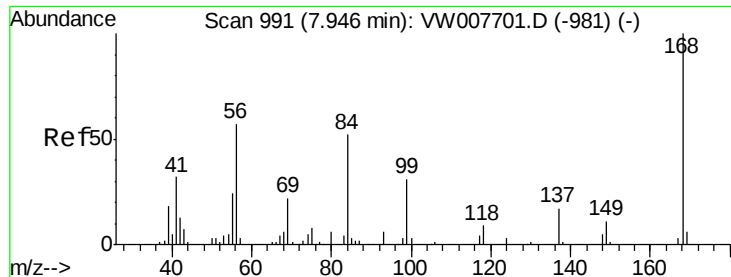
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
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QLast Update : Thu Dec 20 06:30:23 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

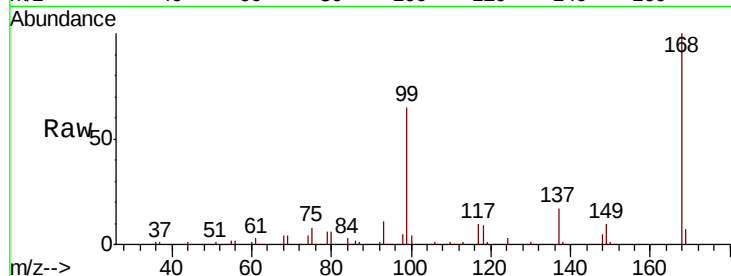
P001-SS012-0612-01

Tgt Ion: 168 Resp: 61294

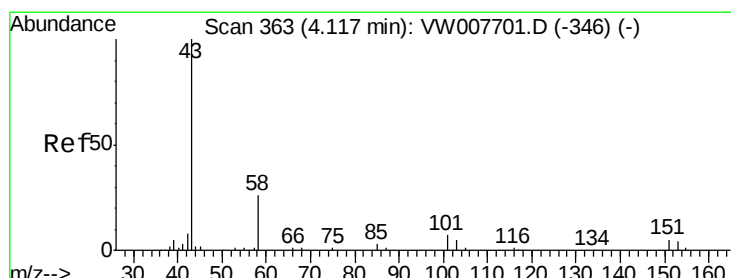
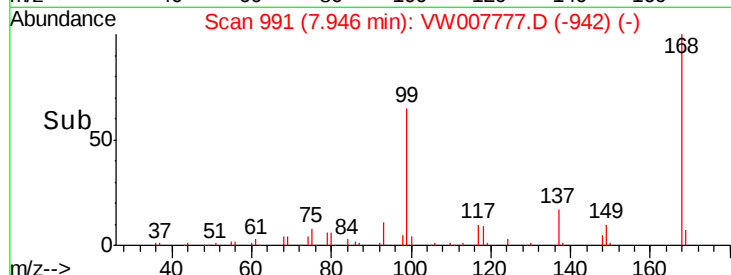
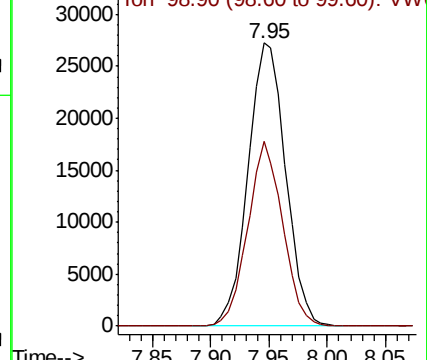
Ion Ratio Lower Upper

168 100

99 65.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007777.D (-942) (-)



#16

Acetone

Concen: 380.500 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007777.D

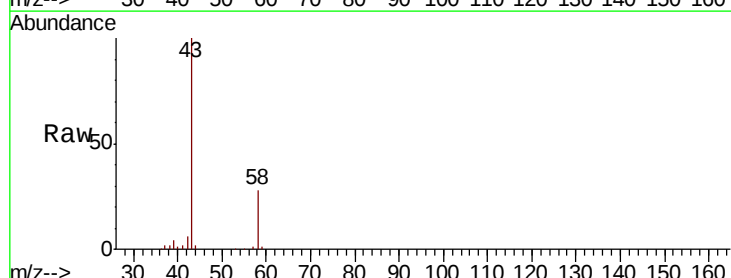
Acq: 21 Dec 2018 06:56

Tgt Ion: 43 Resp: 47868

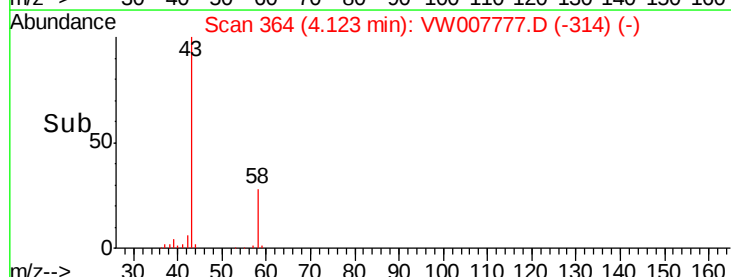
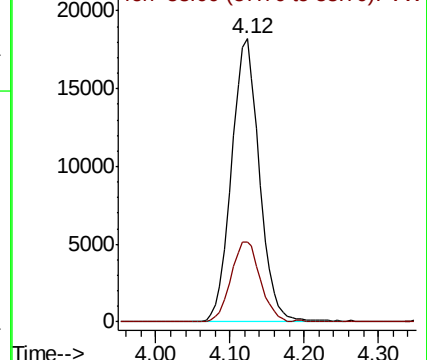
Ion Ratio Lower Upper

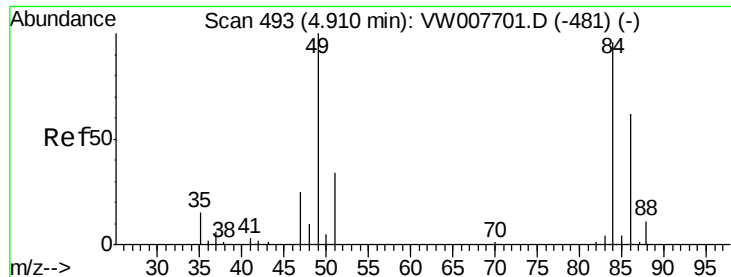
43 100

58 28.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW007777.D (-314) (-)

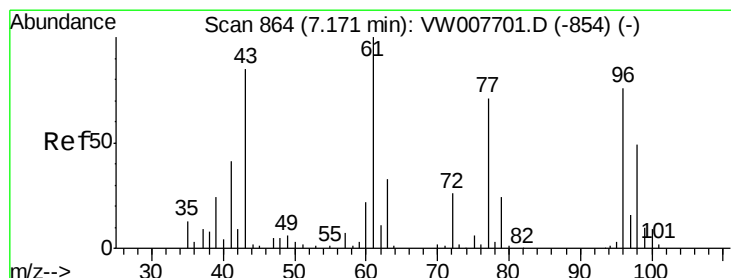
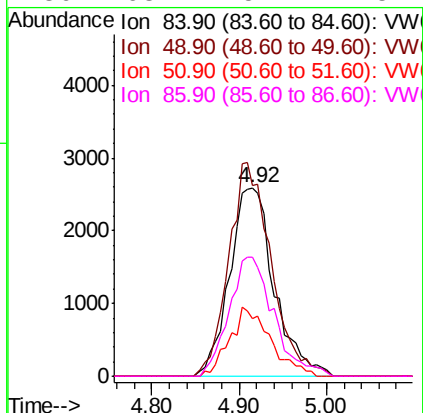
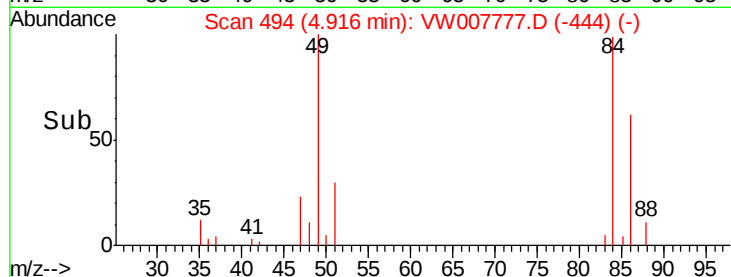
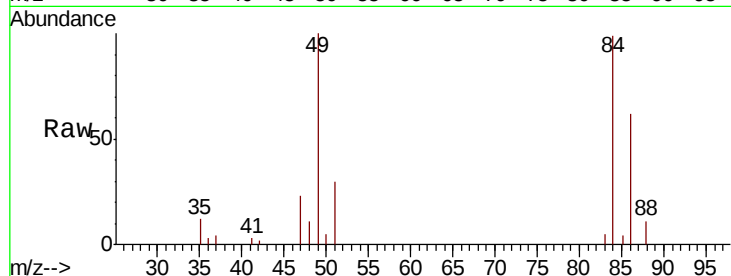




#20
Methylene Chloride
Concen: 9.396 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007777.D
Acq: 21 Dec 2018 06:56

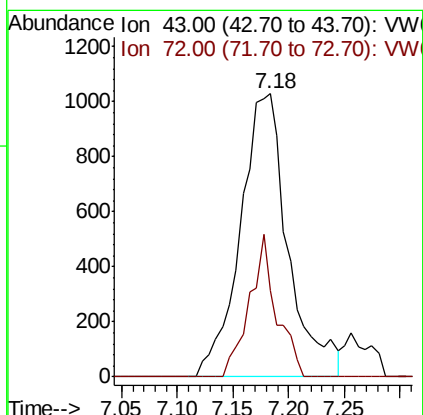
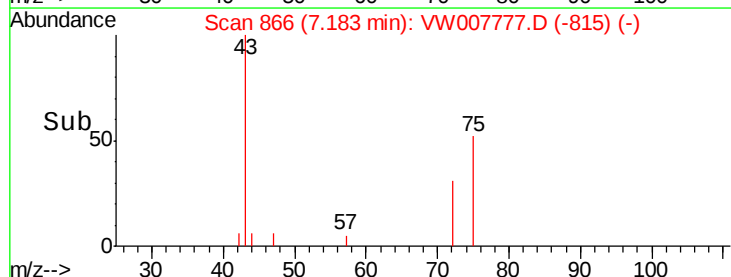
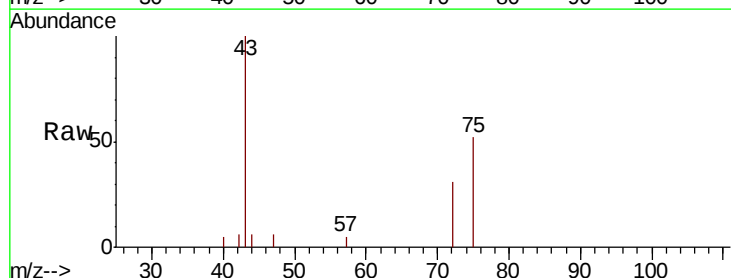
Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-0612-01

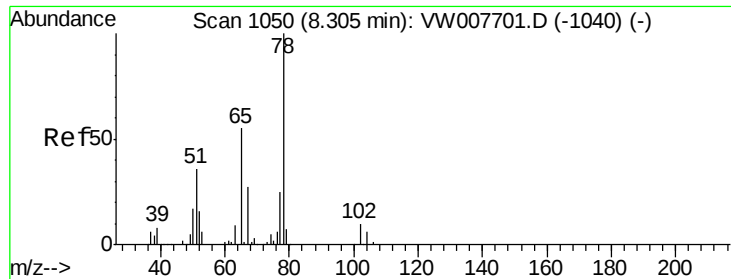
Tgt Ion: 84 Resp: 9133
Ion Ratio Lower Upper
84 100
49 101.2 83.7 125.5
51 30.8 28.2 42.2
86 63.1 52.2 78.2



#25
2-Butanone
Concen: 20.936 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007777.D
Acq: 21 Dec 2018 06:56

Tgt Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
72 30.6 24.5 36.7





#33

1,2-Dichloroethane-d4

Concen: 47.433 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

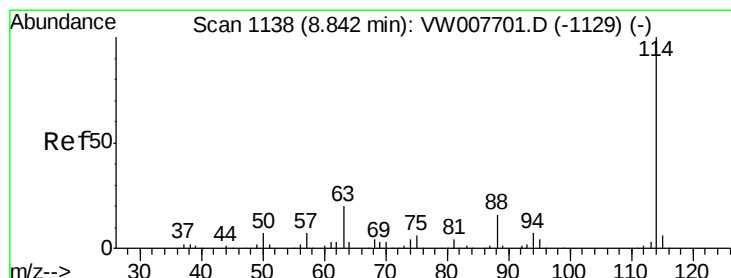
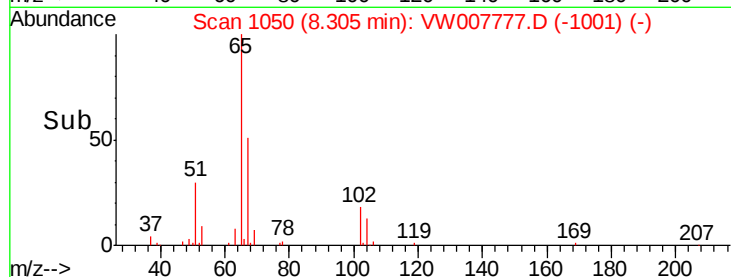
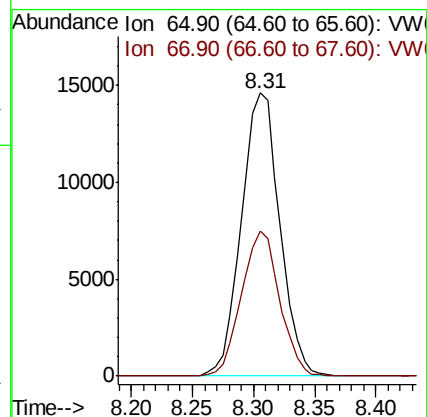
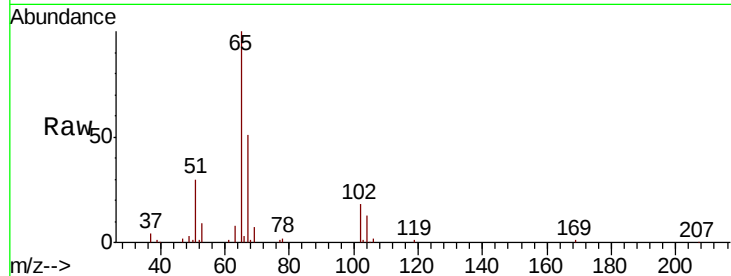
P001-SS012-0612-01

Tgt Ion: 65 Resp: 31866

Ion Ratio Lower Upper

65 100

67 50.8 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: VW007777.D

Acq: 21 Dec 2018 06:56

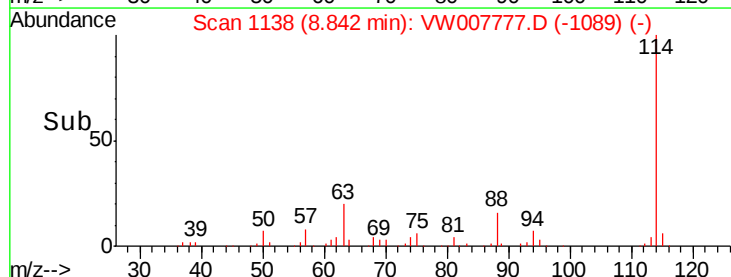
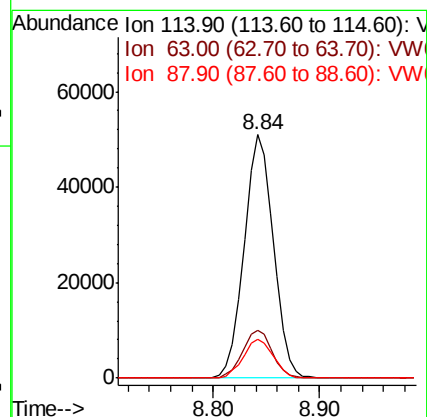
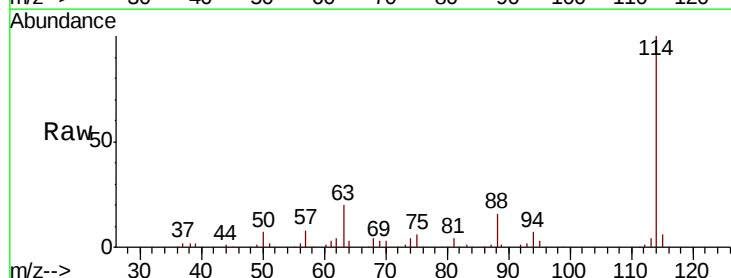
Tgt Ion: 114 Resp: 98461

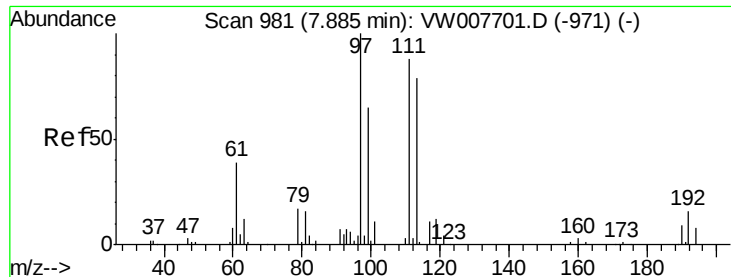
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.464 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-0612-01

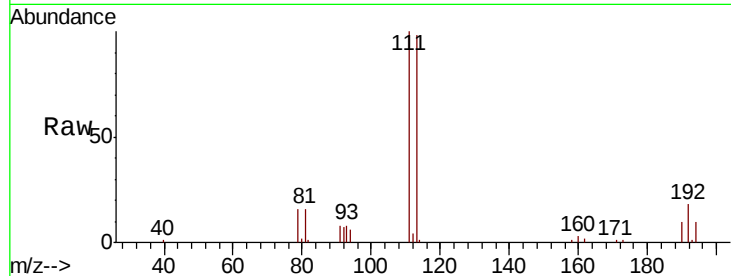
Tgt Ion:113 Resp: 26708

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

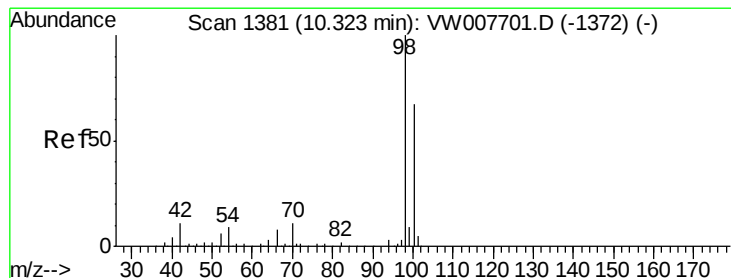
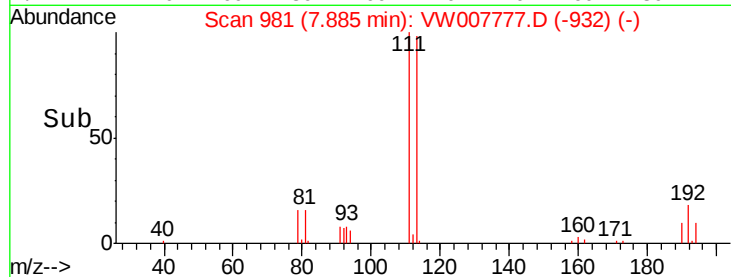
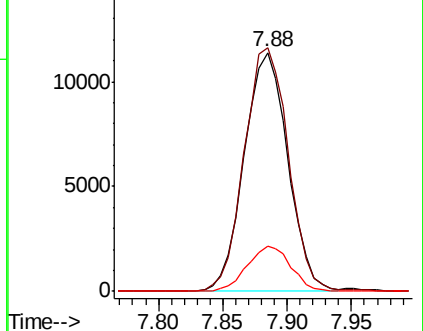
192 18.7 15.5 23.3



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: 31.896 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007777.D

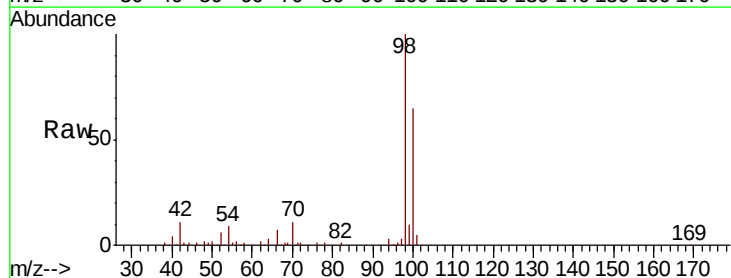
Acq: 21 Dec 2018 06:56

Tgt Ion: 98 Resp: 72225

Ion Ratio Lower Upper

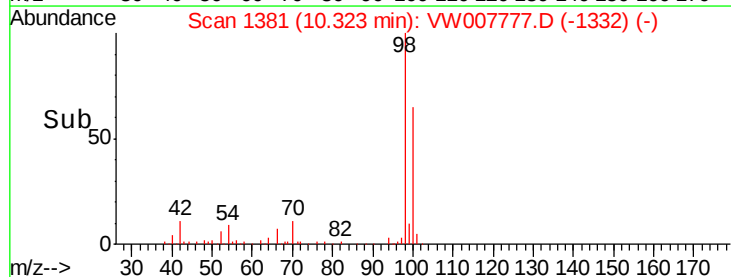
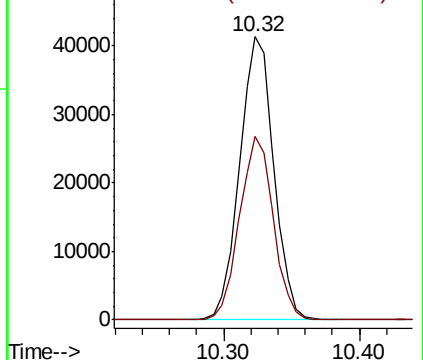
98 100

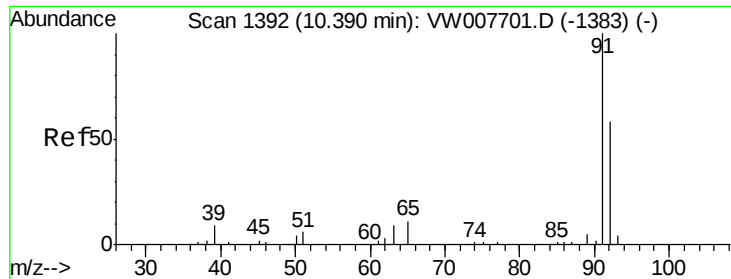
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.193 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

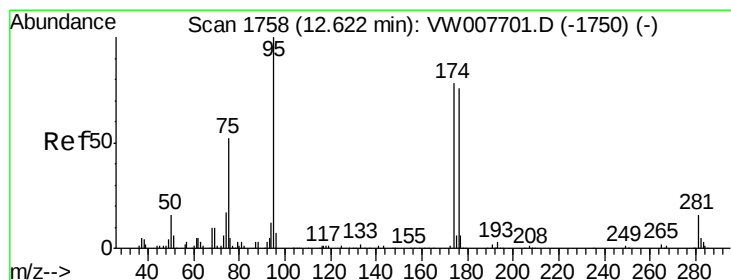
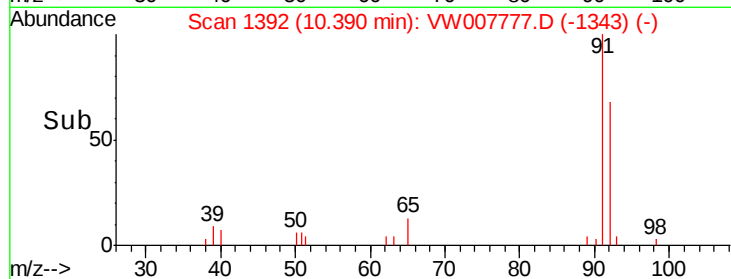
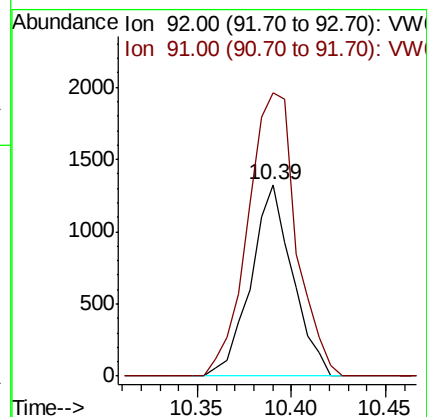
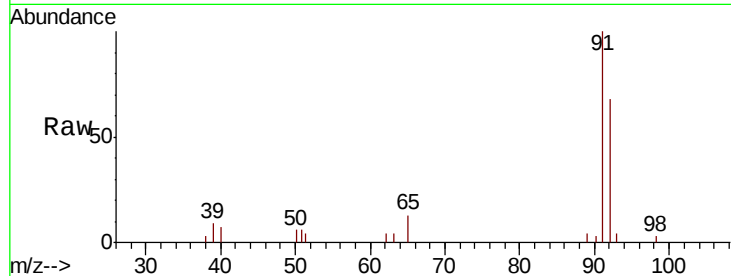
P001-SS012-0612-01

Tgt Ion: 92 Resp: 2029

Ion Ratio Lower Upper

92 100

91 172.4 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 20.911 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

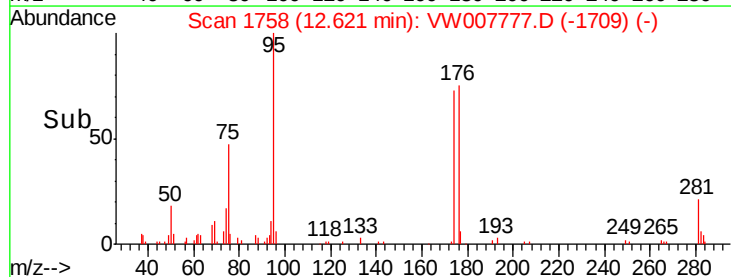
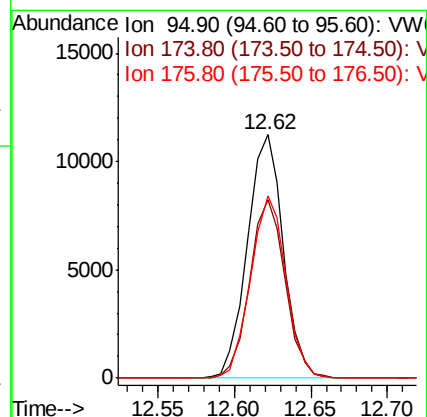
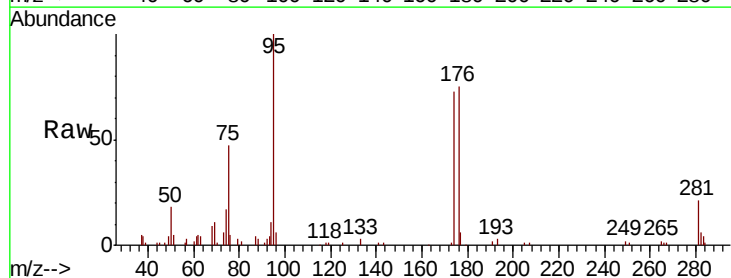
Tgt Ion: 95 Resp: 18293

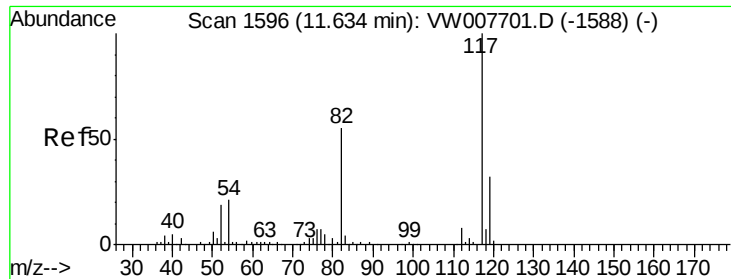
Ion Ratio Lower Upper

95 100

174 72.3 0.0 152.2

176 73.6 0.0 146.8

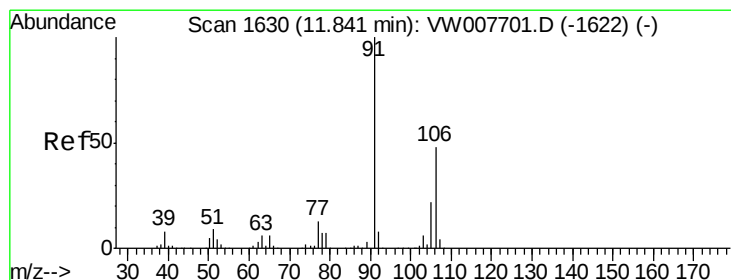
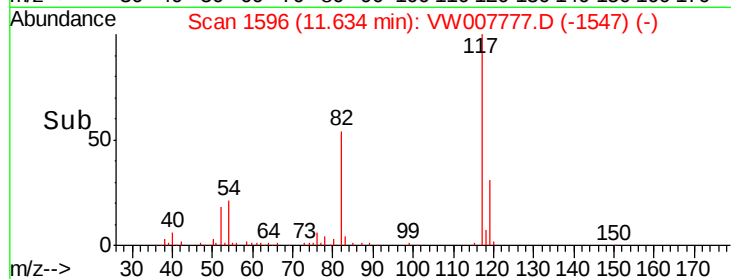
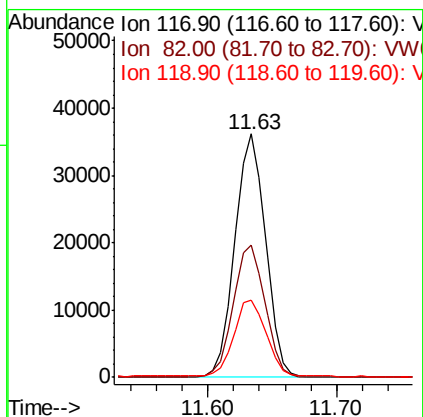
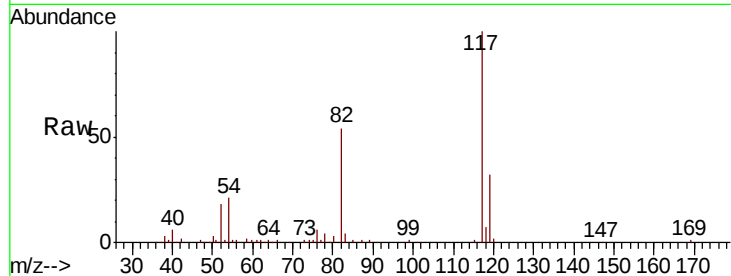




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007777.D
Acq: 21 Dec 2018 06:56

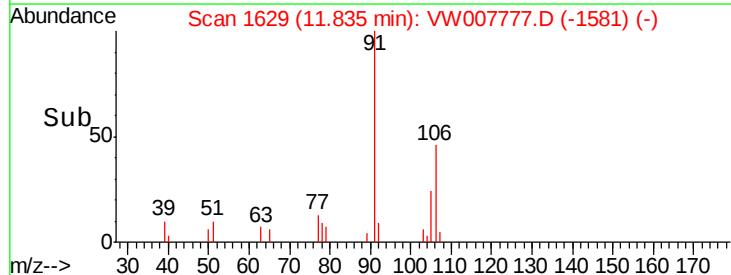
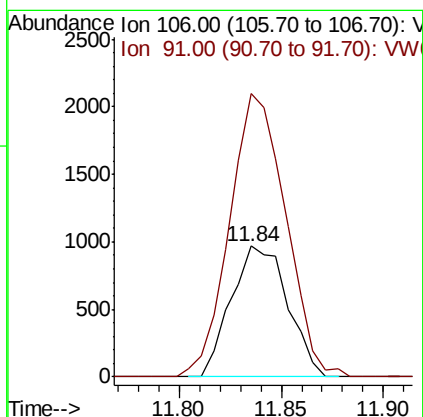
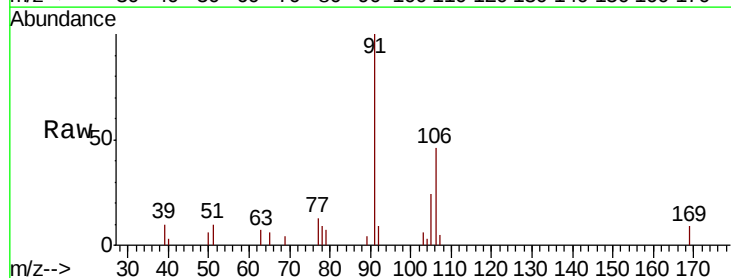
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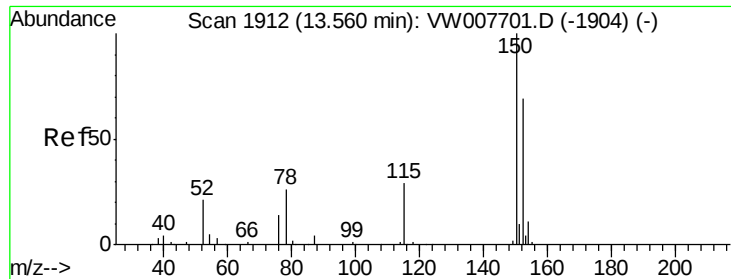
Tgt Ion:117 Resp: 59934
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.4 25.7 38.5



#68
m/p-Xylenes
Concen: 2.153 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007777.D
Acq: 21 Dec 2018 06:56

Tgt Ion:106 Resp: 1859
Ion Ratio Lower Upper
106 100
91 215.5 165.2 247.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-0612-01

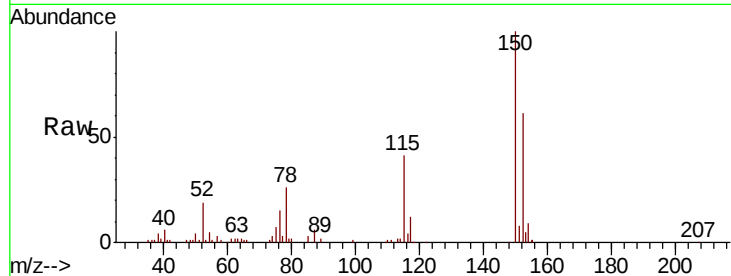
Tgt Ion:152 Resp: 15530

Ion Ratio Lower Upper

152 100

115 64.1 31.8 95.4

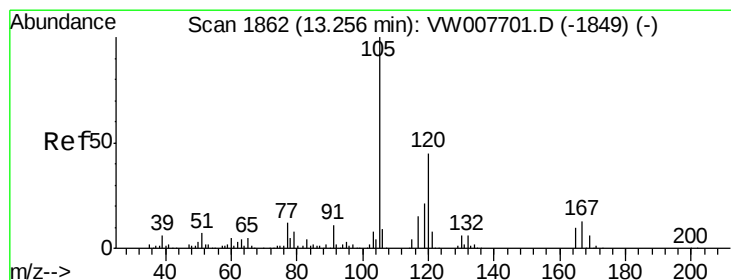
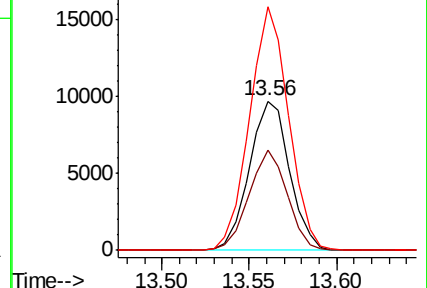
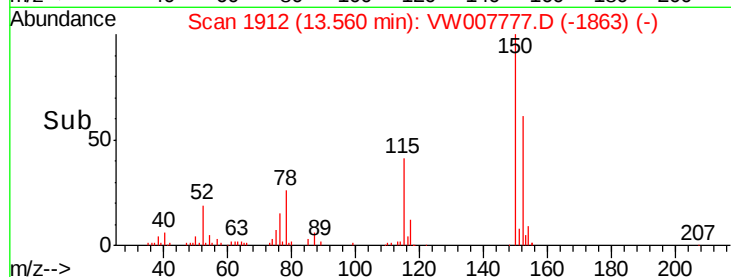
150 158.9 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 2.172 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007777.D

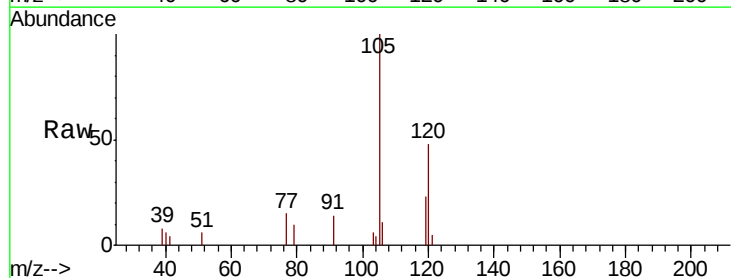
Acq: 21 Dec 2018 06:56

Tgt Ion:105 Resp: 2219

Ion Ratio Lower Upper

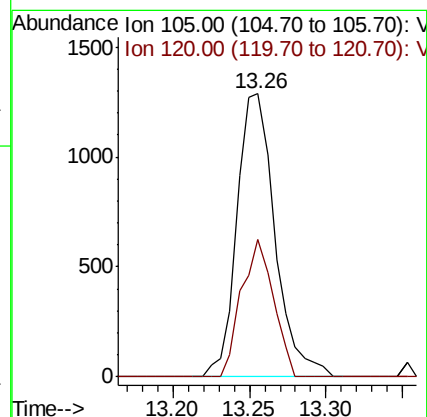
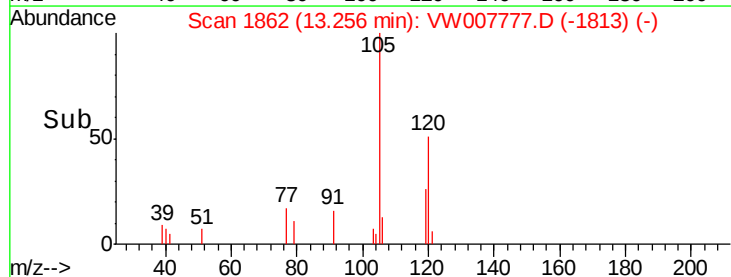
105 100

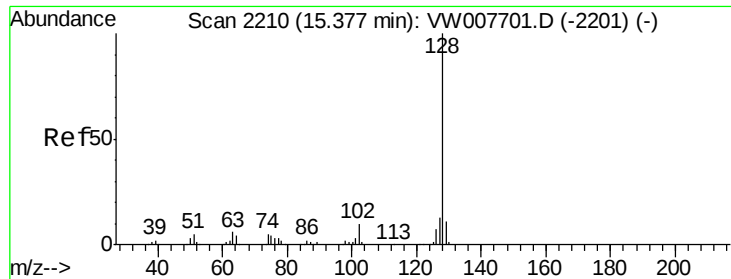
120 40.6 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.682 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007777.D

Acq: 21 Dec 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:128 Resp: 1646

Ion Ratio Lower Upper

128 100

127 8.8 10.7 16.1#

129 5.1 8.8 13.2#

