

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007788.D
 Acq On : 21 Dec 2018 11:41
 Operator : SY/AP
 Sample : J6389-13
 Misc : 3.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0006-01

Quant Time: Dec 21 12:31:57 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

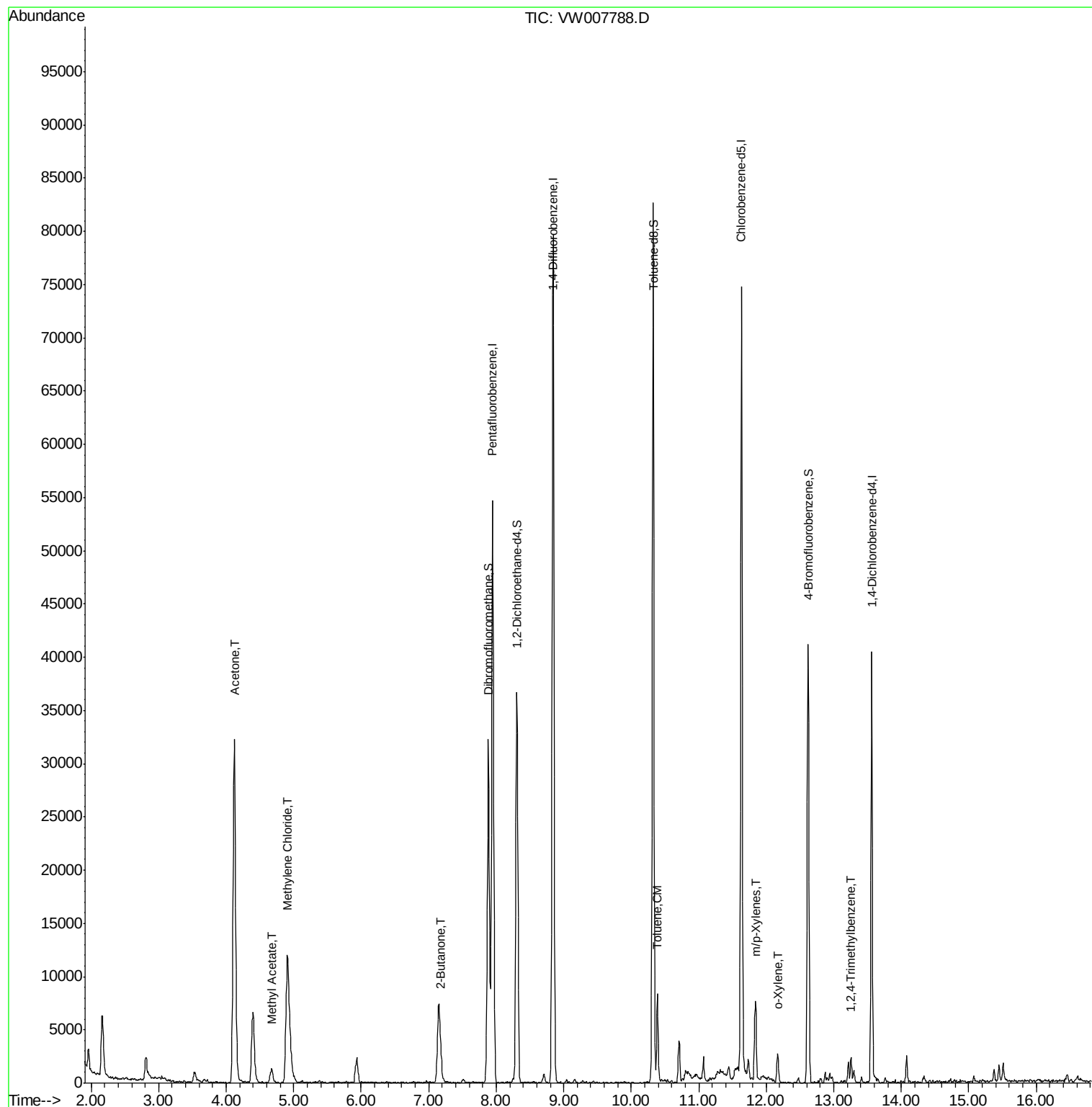
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	68782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29801	67.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.68%	
35) Dibromofluoromethane	7.88	113	22901	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	10.32	98	55562	35.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.24%	
62) 4-Bromofluorobenzene	12.62	95	13893	22.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.46%	
Target Compounds						
16) Acetone	4.12	43	55874	679.270	ug/l	95
18) Methyl Acetate	4.67	43	2647	13.531	ug/l	90
20) Methylene Chloride	4.90	84	12107	26.463	ug/l	91
25) 2-Butanone	7.18	43	3571	37.064	ug/l	96
52) Toluene	10.39	92	3840	3.231	ug/l	98
68) m/p-Xylenes	11.84	106	2417	3.903	ug/l	98
69) o-Xylene	12.17	106	759	1.308	ug/l	86
84) 1,2,4-Trimethylbenzene	13.26	105	1542	2.193	ug/l	92

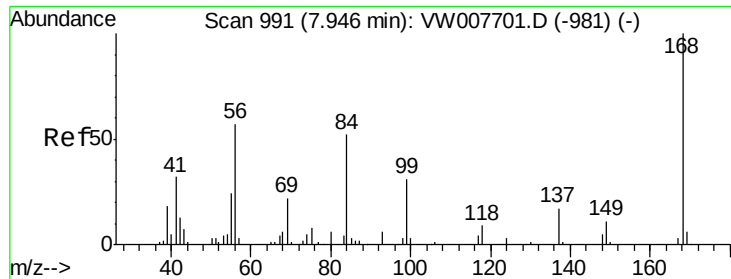
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
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P001-SS015-0006-01

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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: VW007788.D

Acq: 21 Dec 2018 11:41

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MSVOA_W

ClientSampleId :

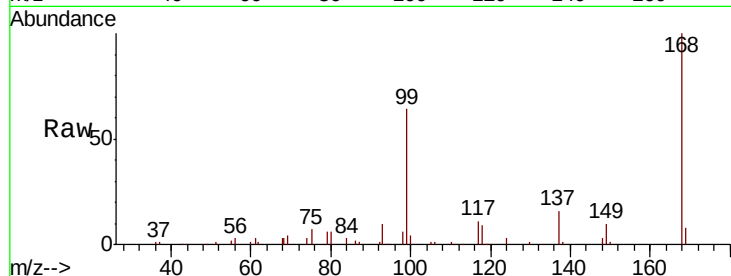
P001-SS015-0006-01

Tgt Ion:168 Resp: 40077

Ion Ratio Lower Upper

168 100

99 64.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

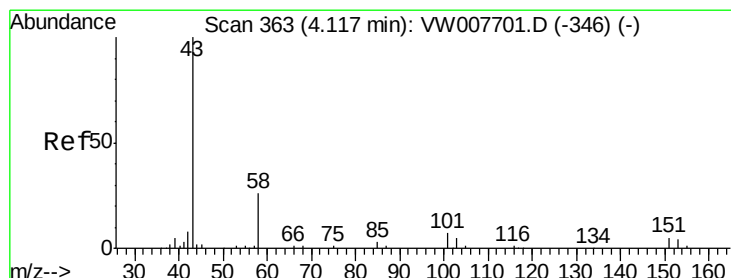
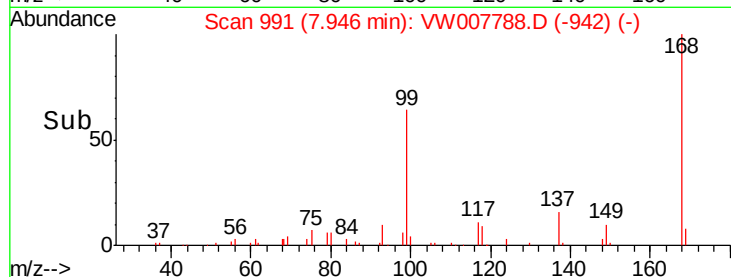
10000

5000

0

7.85 7.90 7.95 8.00

Time-->



#16

Acetone

Concen: 679.270 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007788.D

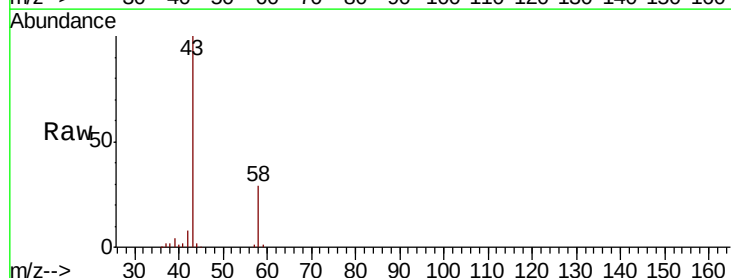
Acq: 21 Dec 2018 11:41

Tgt Ion: 43 Resp: 55874

Ion Ratio Lower Upper

43 100

58 28.9 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

25000

20000

15000

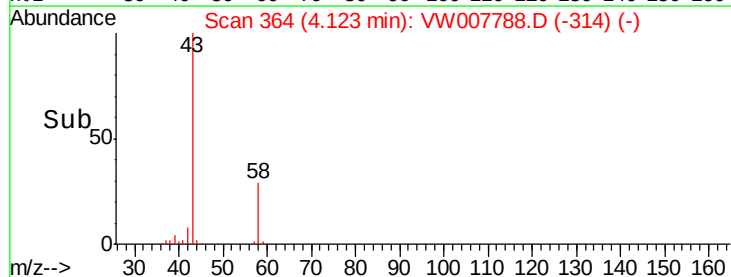
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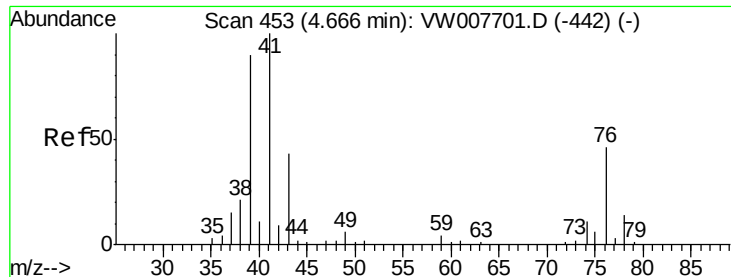
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0

4.00 4.10 4.20

Time-->

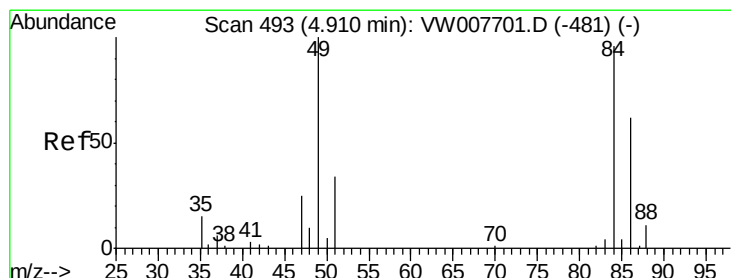
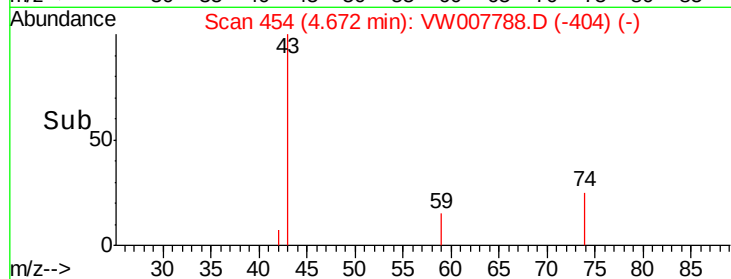
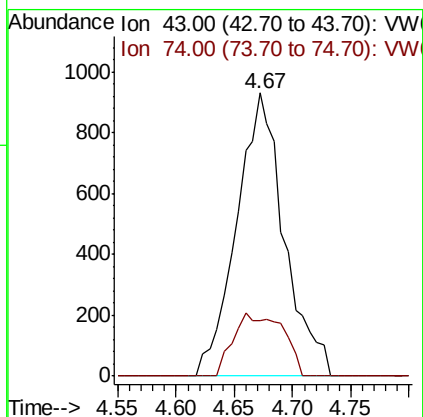
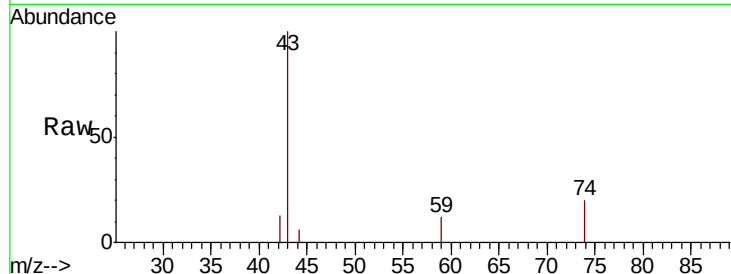




#18
Methyl Acetate
Concen: 13.531 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

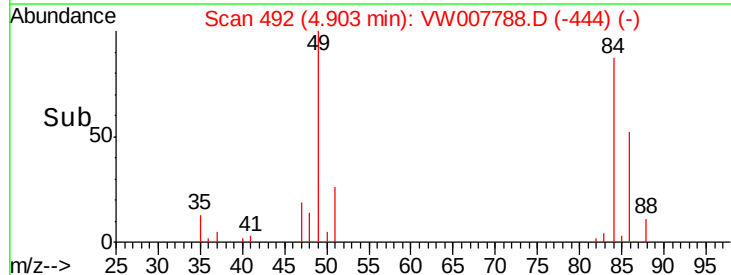
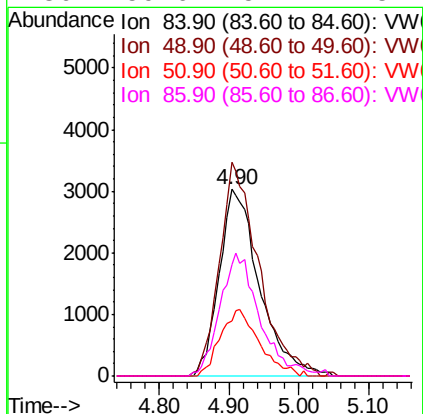
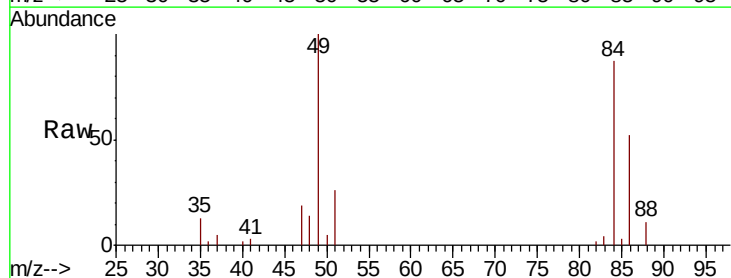
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MSVOA_W
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P001-SS015-0006-01

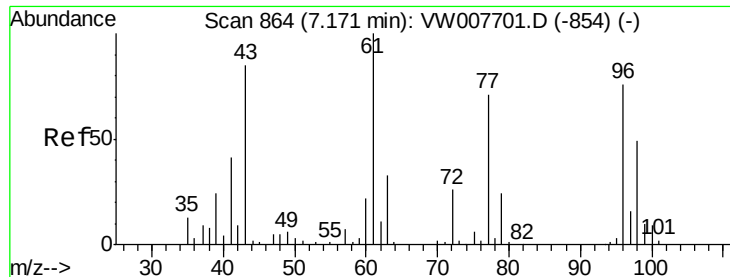
Tgt Ion: 43 Resp: 2647
Ion Ratio Lower Upper
43 100
74 23.0 22.7 34.1



#20
Methylene Chloride
Concen: 26.463 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

Tgt Ion: 84 Resp: 12107
Ion Ratio Lower Upper
84 100
49 114.6 83.7 125.5
51 29.3 28.2 42.2
86 59.6 52.2 78.2

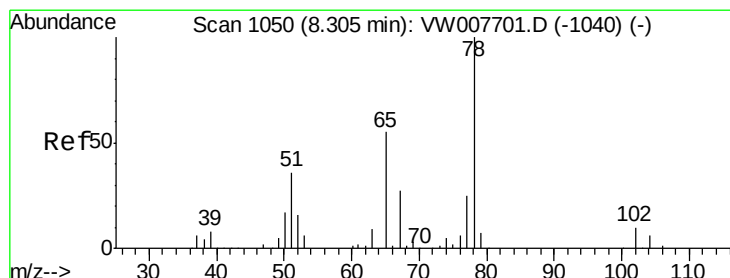
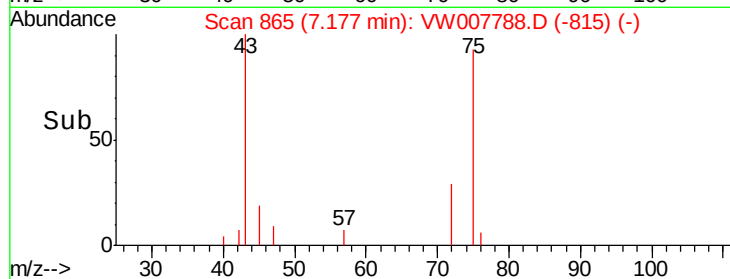
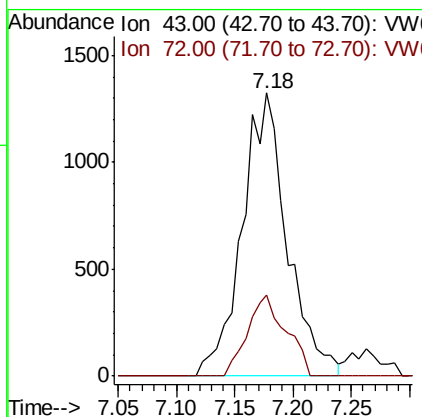
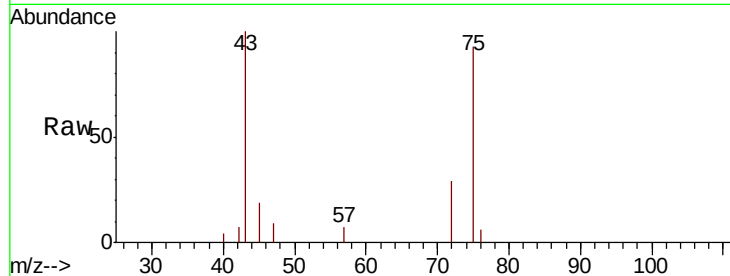




#25
 2-Butanone
 Concen: 37.064 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007788.D
 Acq: 21 Dec 2018 11:41

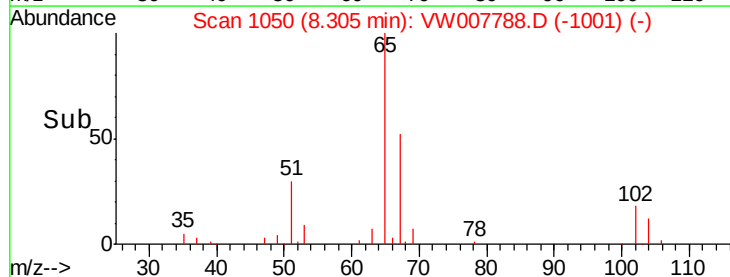
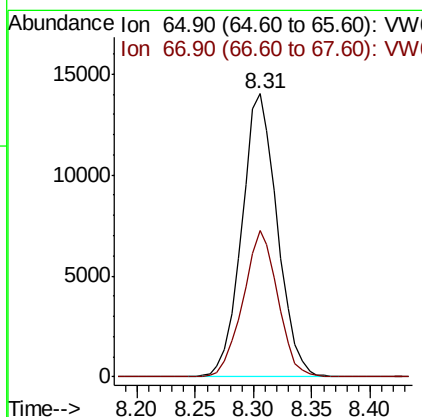
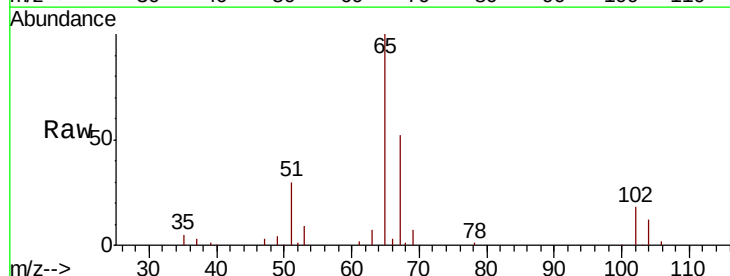
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0006-01

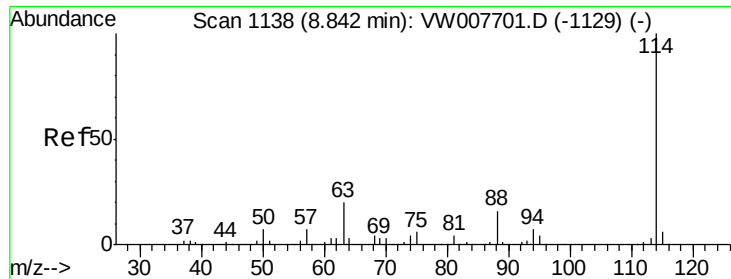
Tgt Ion: 43 Resp: 3571
 Ion Ratio Lower Upper
 43 100
 72 28.5 24.5 36.7



#33
 1,2-Dichloroethane-d4
 Concen: 67.843 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007788.D
 Acq: 21 Dec 2018 11:41

Tgt Ion: 65 Resp: 29801
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.6

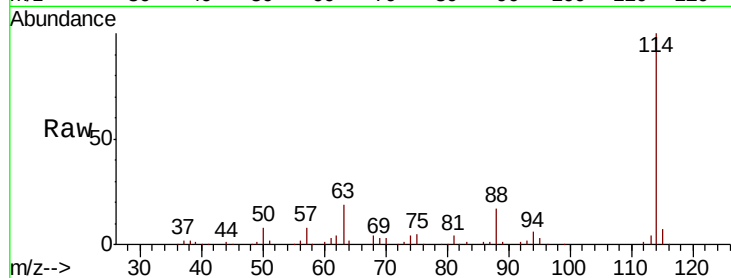




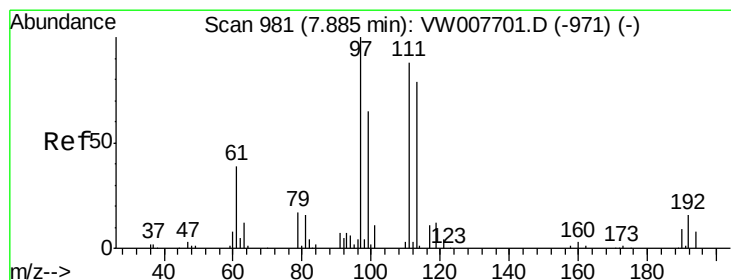
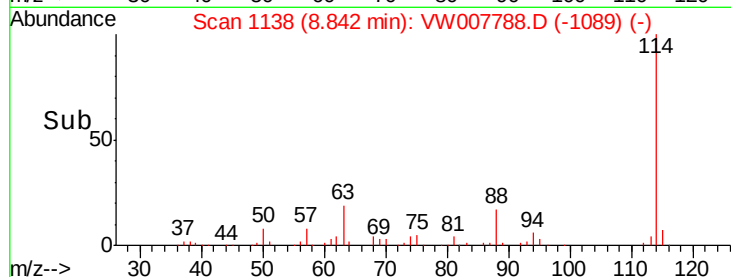
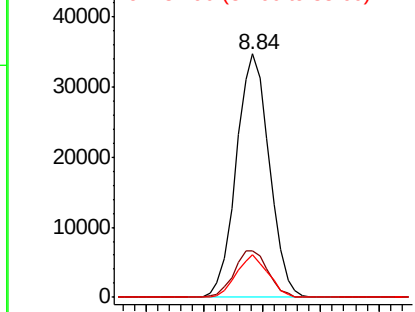
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007788.D
 Acq: 21 Dec 2018 11:41

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS015-0006-01

Tgt Ion:114 Resp: 68782
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 17.4 0.0 32.6

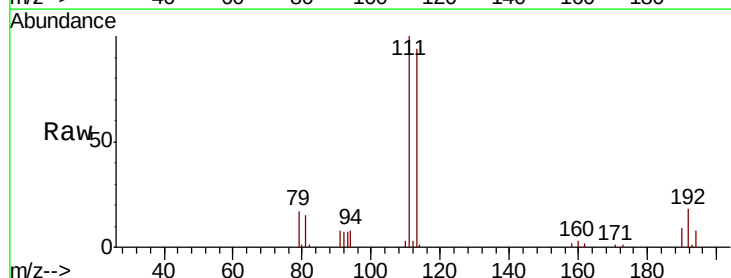


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

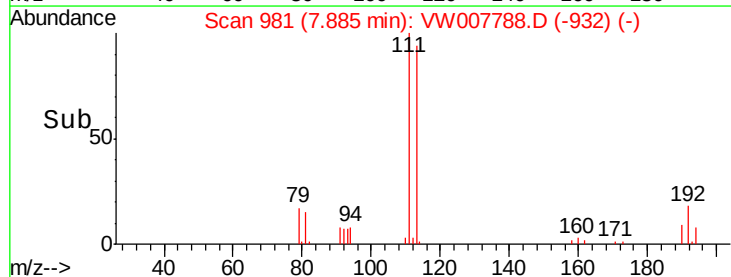
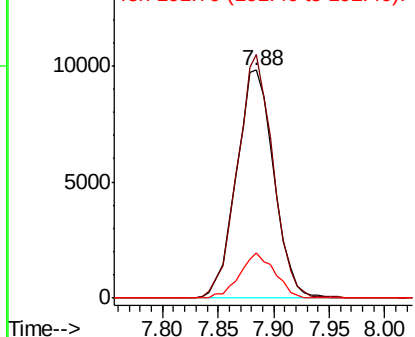


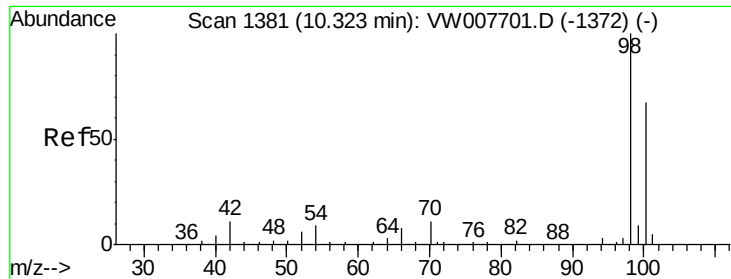
#35
 Dibromofluoromethane
 Concen: 54.578 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007788.D
 Acq: 21 Dec 2018 11:41

Tgt Ion:113 Resp: 22901
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 18.4 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: 35.125 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007788.D

Acq: 21 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

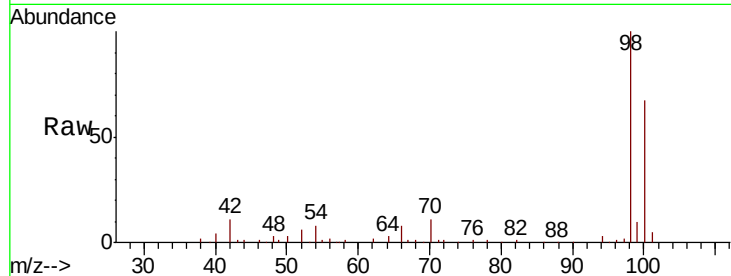
P001-SS015-0006-01

Tgt Ion: 98 Resp: 55562

Ion Ratio Lower Upper

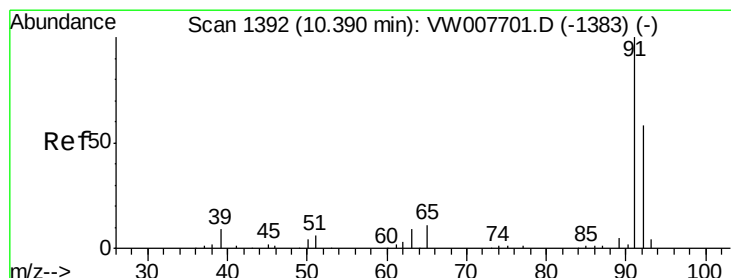
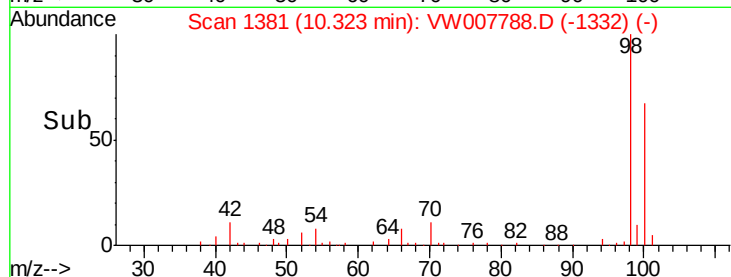
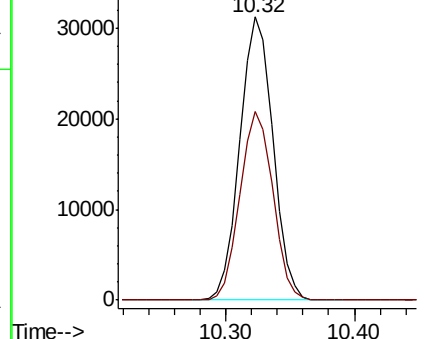
98 100

100 66.4 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: 3.231 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007788.D

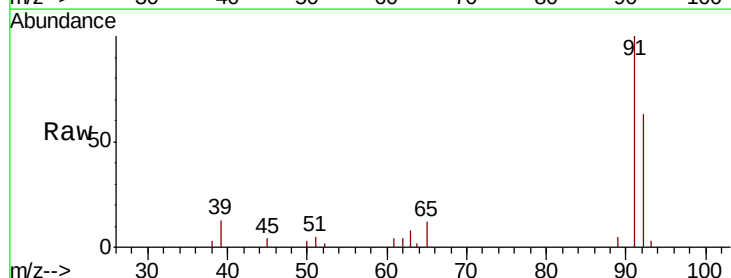
Acq: 21 Dec 2018 11:41

Tgt Ion: 92 Resp: 3840

Ion Ratio Lower Upper

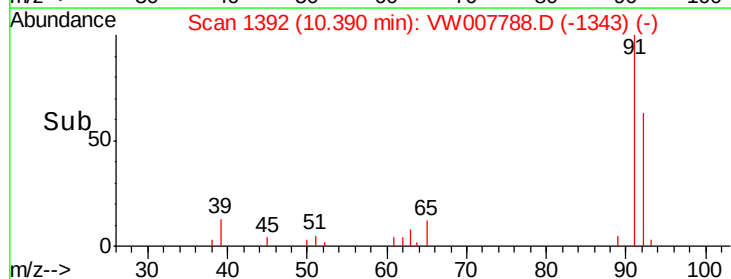
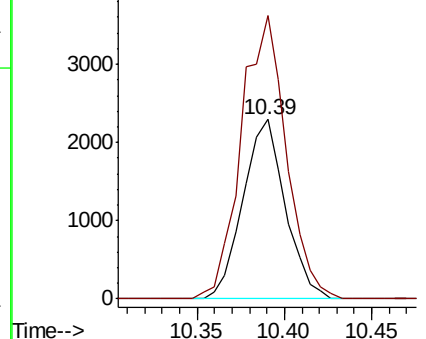
92 100

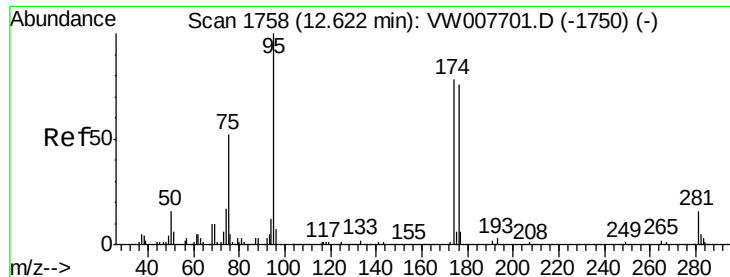
91 168.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

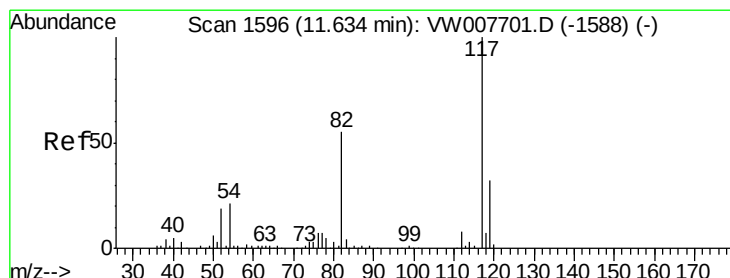
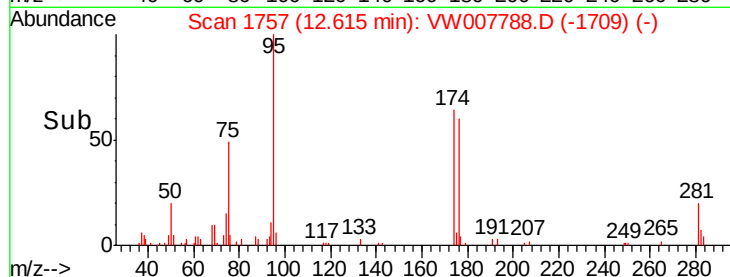
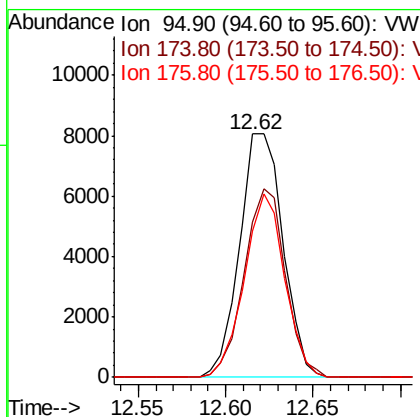
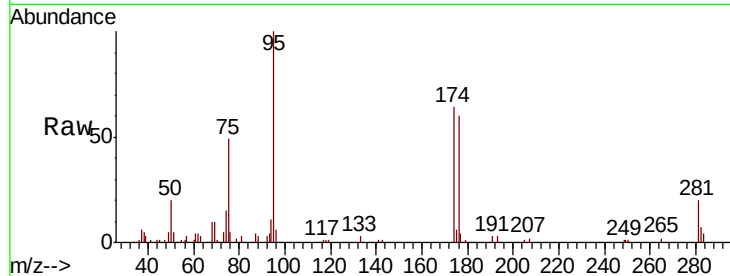




#62
4-Bromofluorobenzene
Concen: 22.734 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

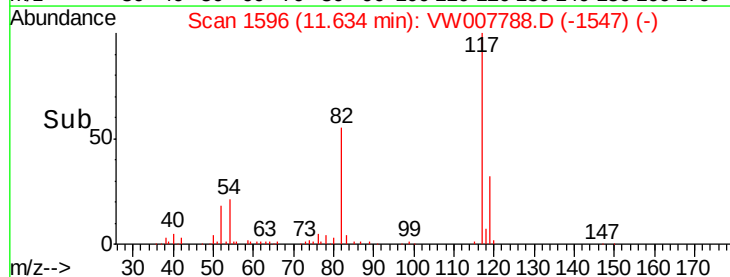
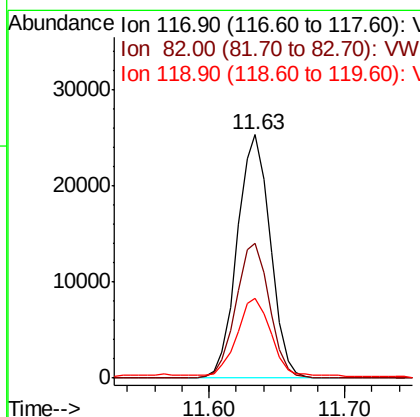
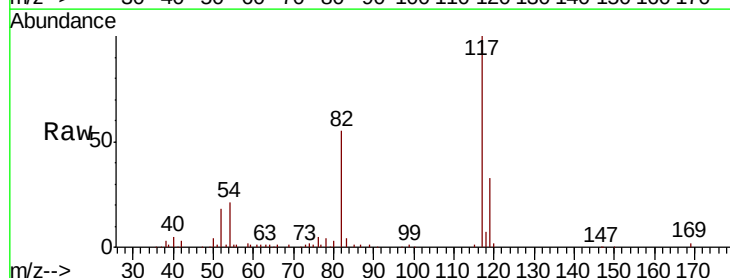
Instrument :
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ClientSampleId :
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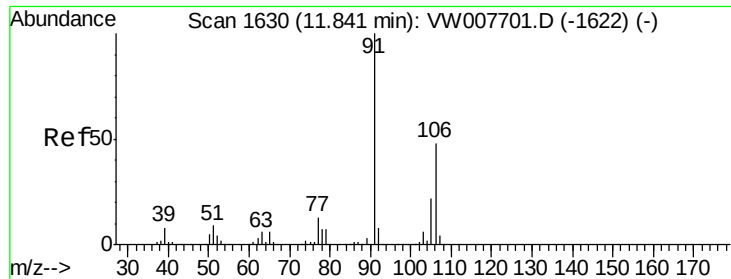
Tgt Ion	Resp	Lower	Upper
95	13893		
174	73.7	0.0	152.2
176	70.1	0.0	146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

Tgt Ion	Resp	Lower	Upper
117	42977		
82	55.5	44.3	66.5
119	31.5	25.7	38.5

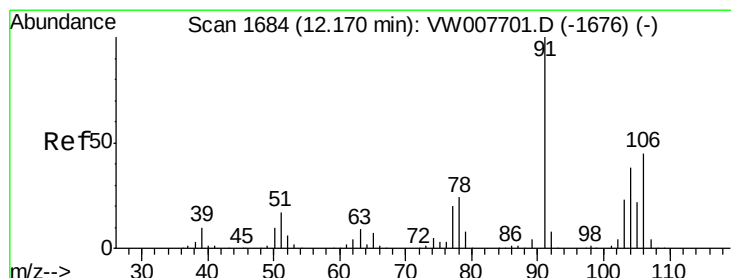
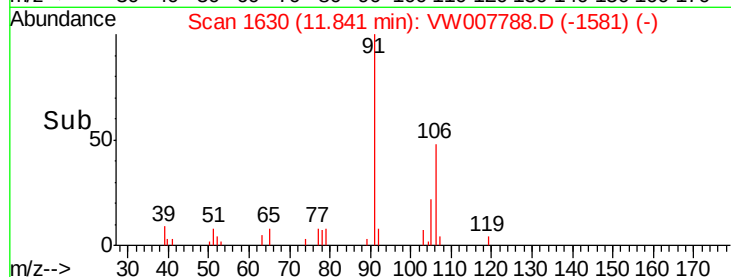
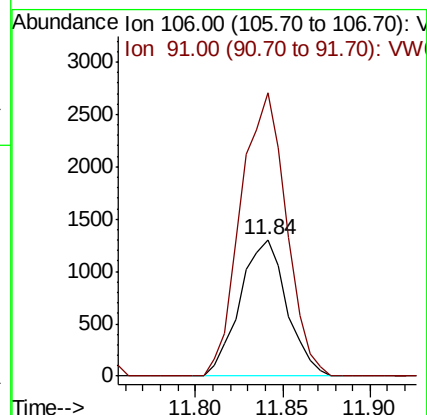
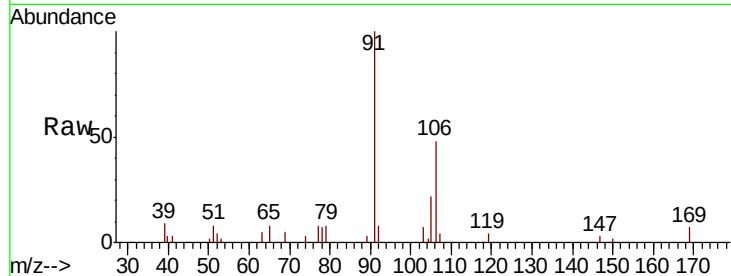




#68
m/p-Xylenes
Concen: 3.903 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

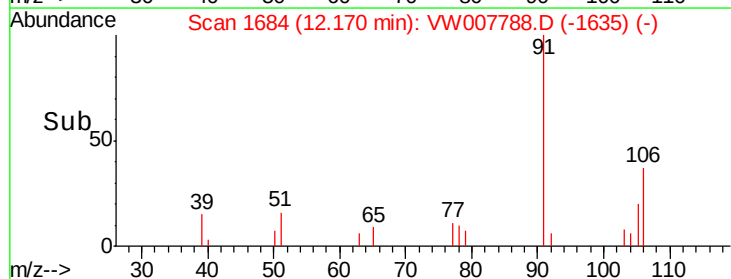
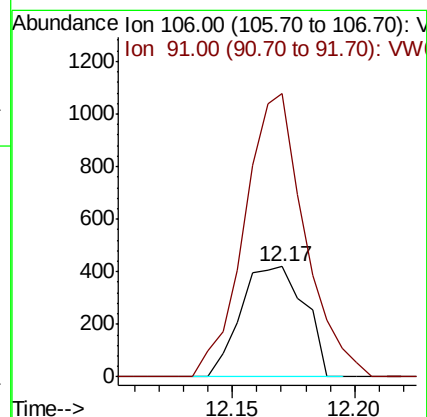
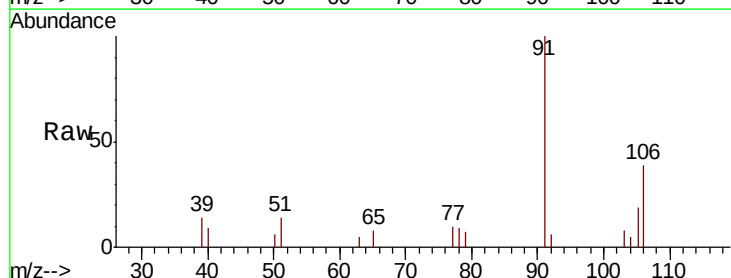
Instrument :
MSVOA_W
ClientSampleId :
P001-SS015-0006-01

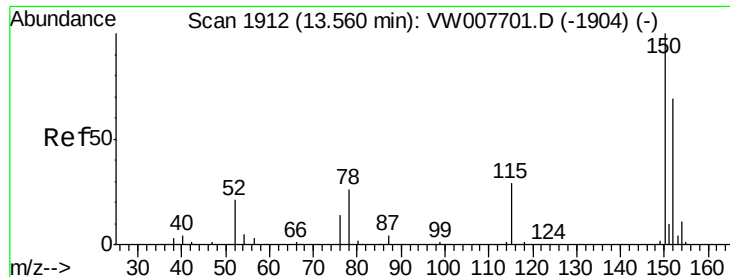
Tgt Ion:106 Resp: 2417
Ion Ratio Lower Upper
106 100
91 203.5 165.2 247.8



#69
o-Xylene
Concen: 1.308 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007788.D
Acq: 21 Dec 2018 11:41

Tgt Ion:106 Resp: 759
Ion Ratio Lower Upper
106 100
91 244.3 110.5 331.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007788.D

Acq: 21 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

P001-SS015-0006-01

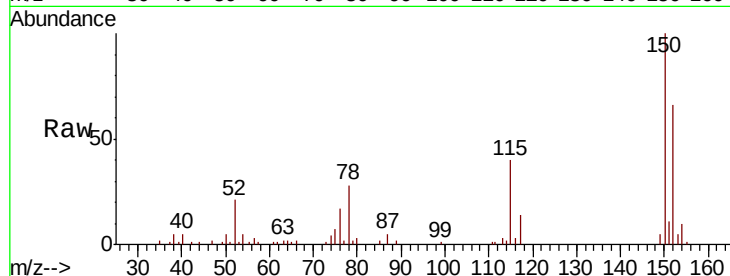
Tgt Ion:152 Resp: 10686

Ion Ratio Lower Upper

152 100

115 61.6 31.8 95.4

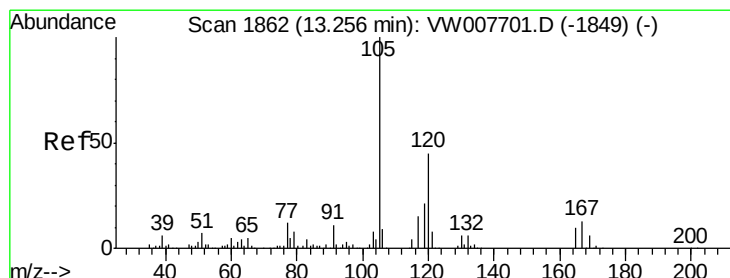
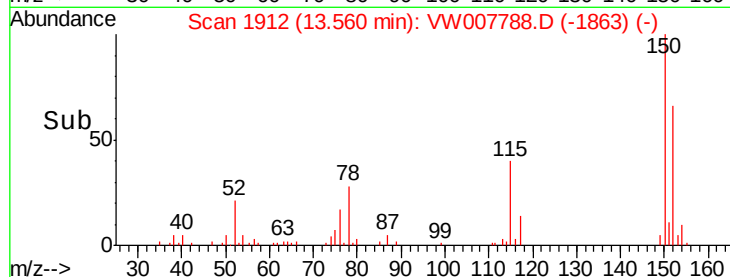
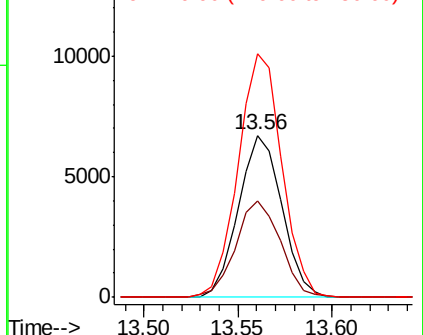
150 151.3 0.0 350.8



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: 2.193 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007788.D

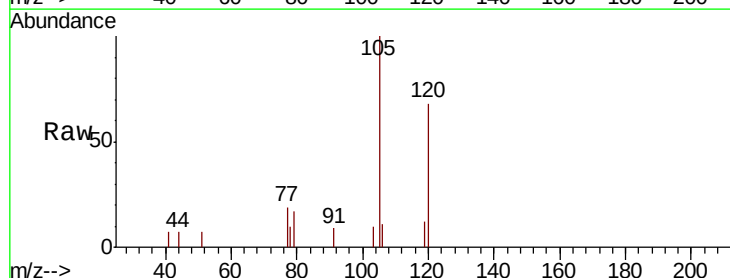
Acq: 21 Dec 2018 11:41

Tgt Ion:105 Resp: 1542

Ion Ratio Lower Upper

105 100

120 49.2 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

