

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000550.D
 Acq On : 06 Nov 2019 14:48
 Operator : SY/MD
 Sample : K5713-03
 Misc : 4.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-017-IDWSO-20191105

Quant Time: Nov 07 06:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

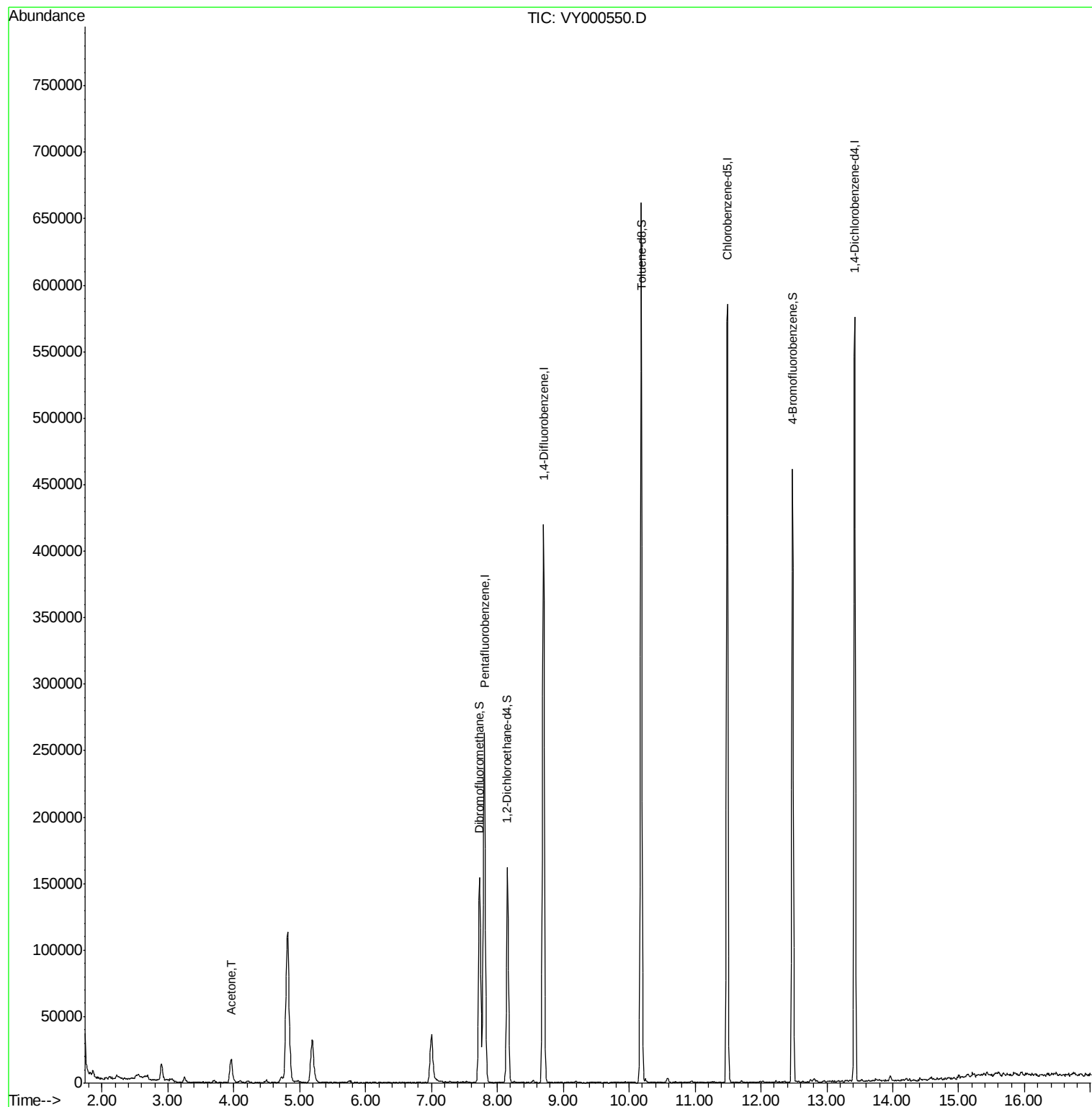
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	141086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117843	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
35) Dibromofluoromethane	7.73	113	104929	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.18	98	411569	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	132922	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
16) Acetone	3.96	43	30339	53.408	ug/l	Qvalue 94

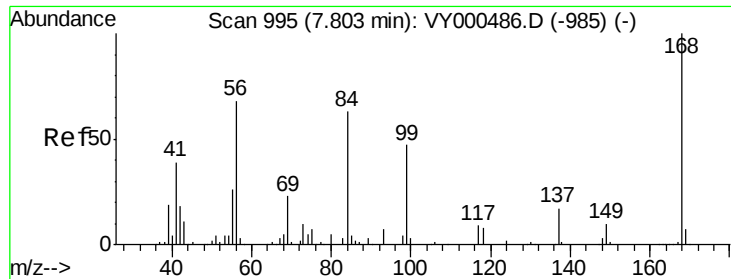
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000550.D

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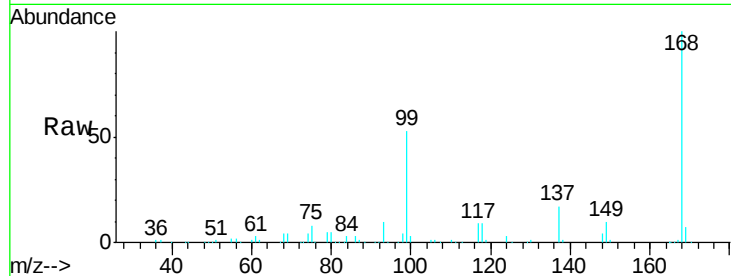
TT-017-IDWSO-20191105

Tgt Ion:168 Resp: 199166

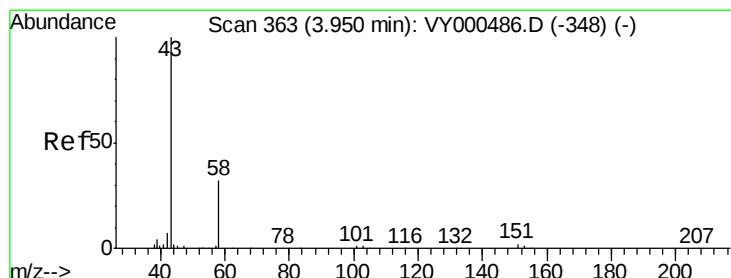
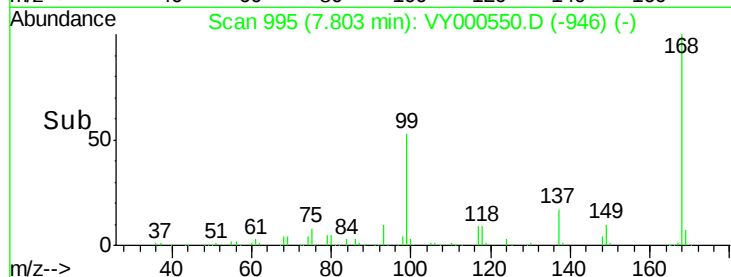
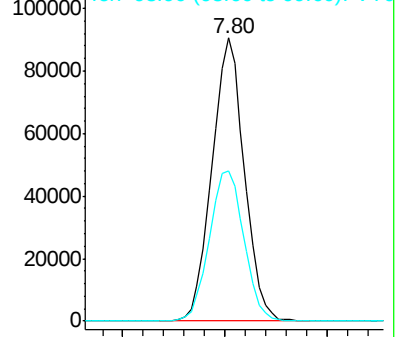
Ion Ratio Lower Upper

168 100

99 53.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000550.D (-946) (-)



#16

Acetone

Concen: 53.408 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000550.D

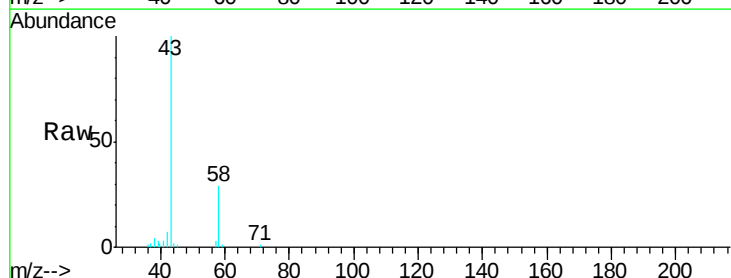
Acq: 06 Nov 2019 14:48

Tgt Ion: 43 Resp: 30339

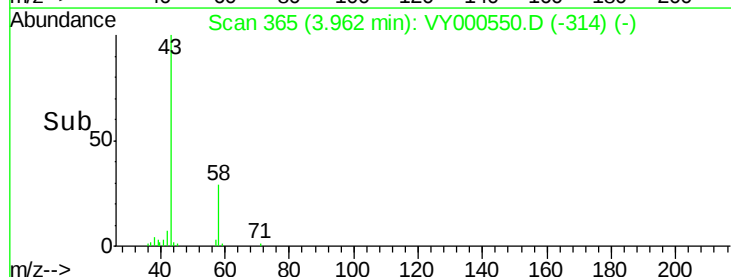
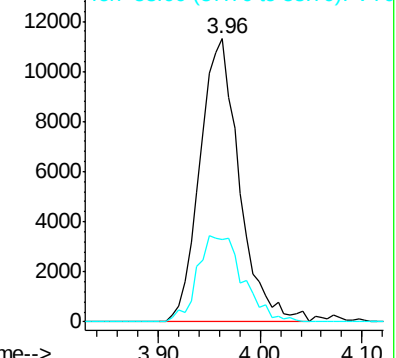
Ion Ratio Lower Upper

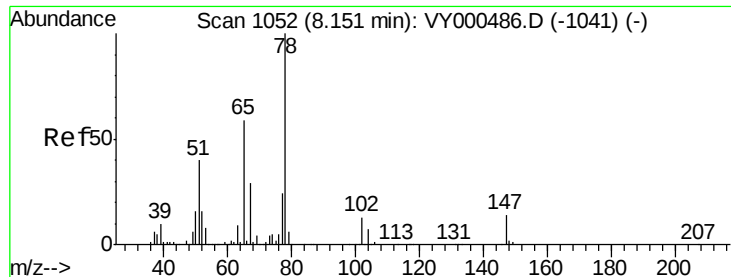
43 100

58 29.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000550.D (-314) (-)

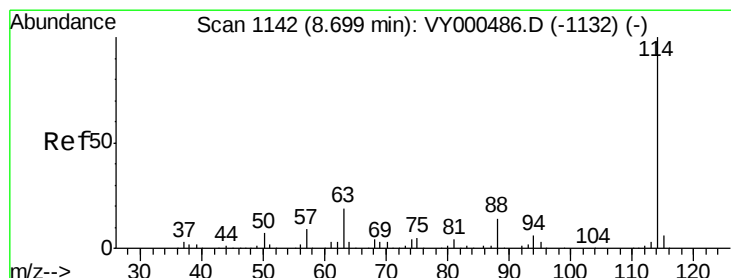
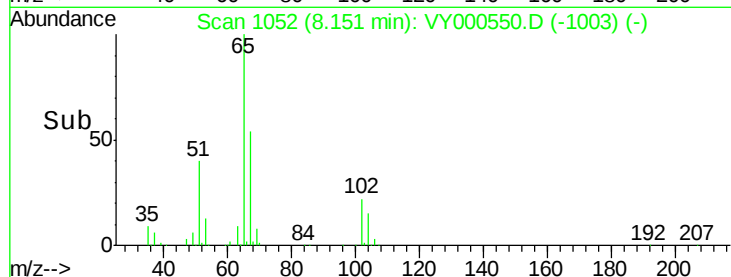
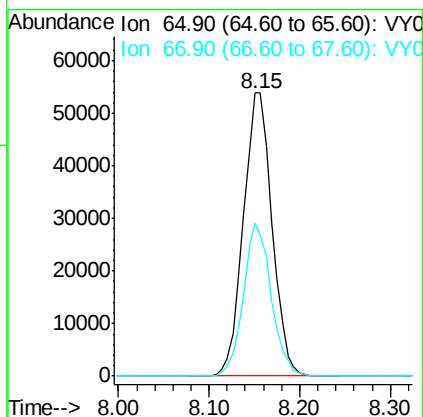
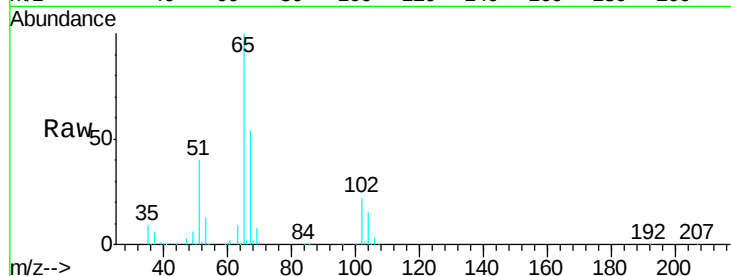




#33
 1,2-Dichloroethane-d4
 Concen: 57.175 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000550.D
 Acq: 06 Nov 2019 14:48

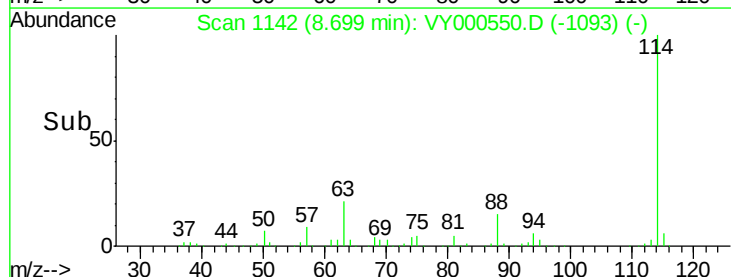
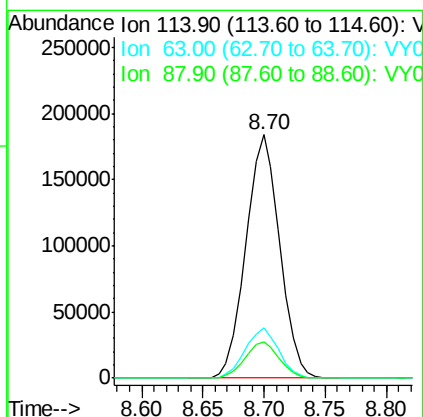
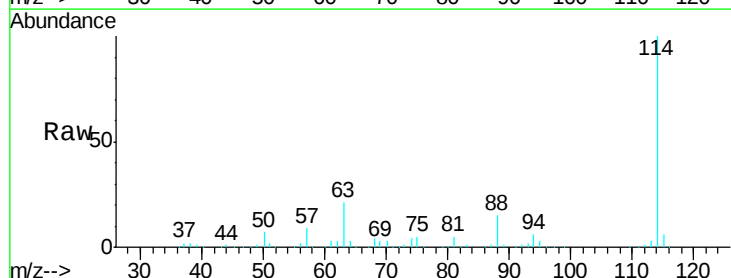
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-017-IDWSO-20191105

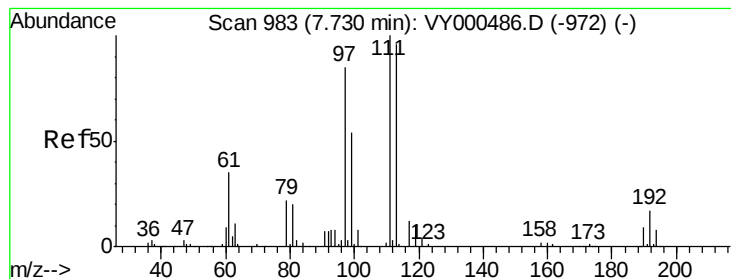
Tgt Ion: 65 Resp: 117843
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000550.D
 Acq: 06 Nov 2019 14:48

Tgt Ion: 114 Resp: 354479
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 14.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 50.422 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TT-017-IDWSO-20191105

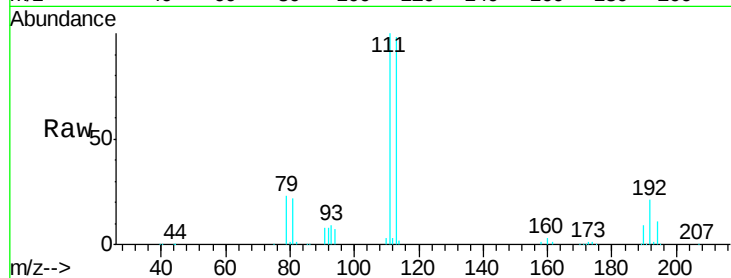
Tgt Ion:113 Resp: 104929

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

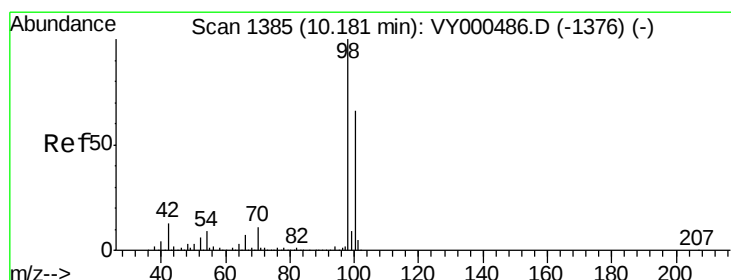
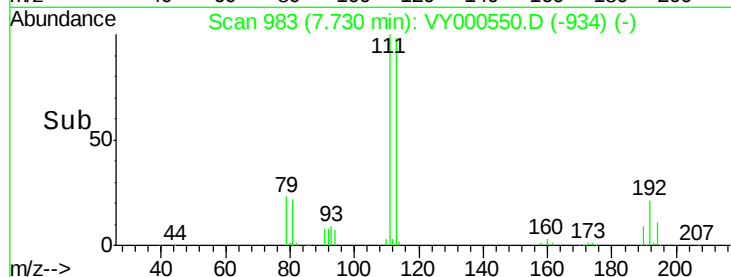
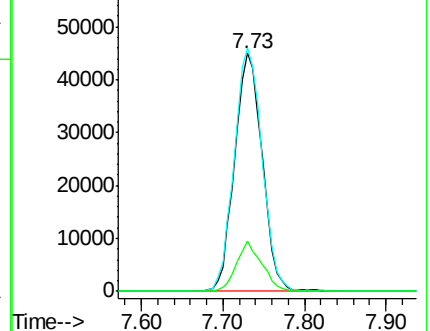
192 19.3 15.0 22.4



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: 52.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000550.D

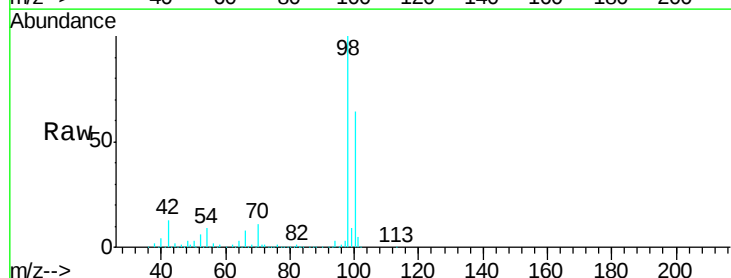
Acq: 06 Nov 2019 14:48

Tgt Ion: 98 Resp: 411569

Ion Ratio Lower Upper

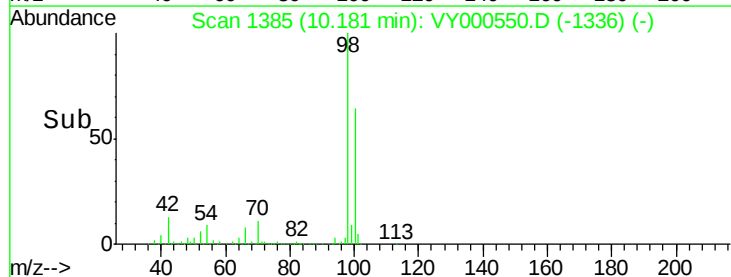
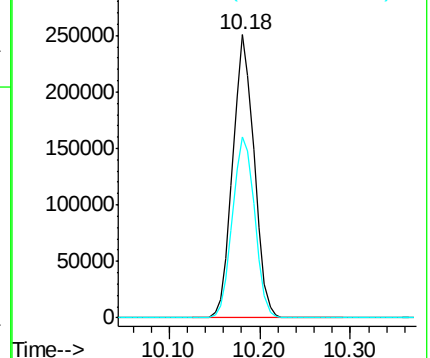
98 100

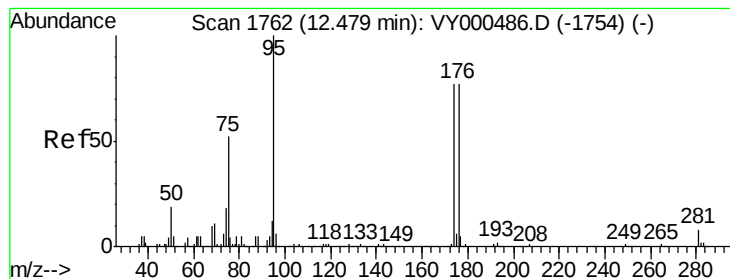
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.217 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TT-017-IDWSO-20191105

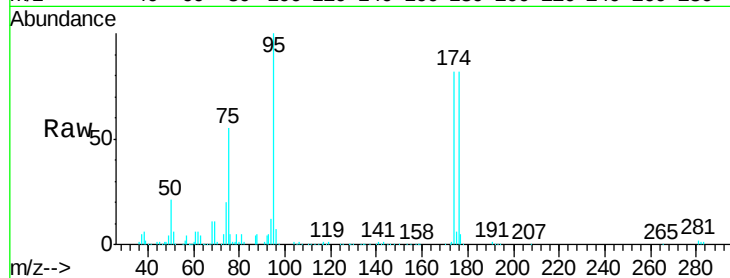
Tgt Ion: 95 Resp: 132922

Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.6

176 81.1 0.0 157.8



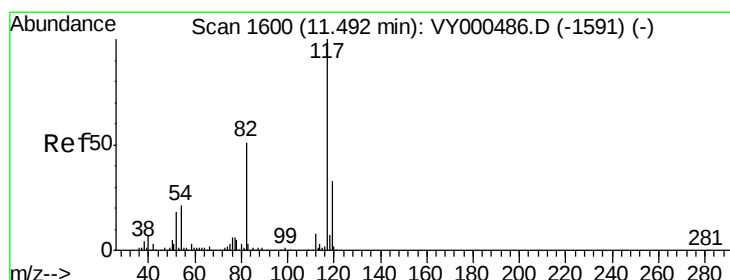
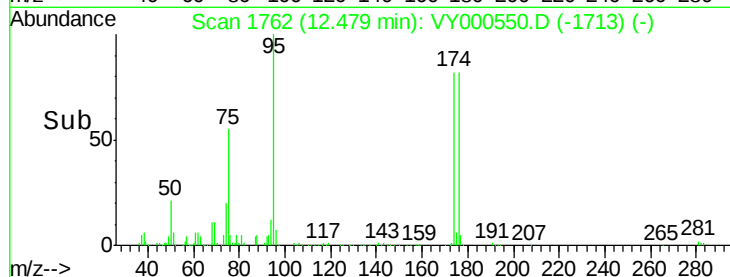
Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000486.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000486.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

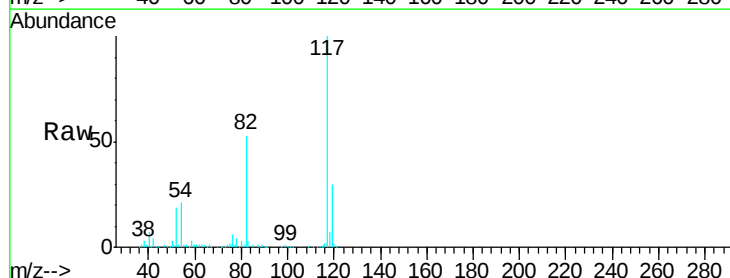
Tgt Ion: 117 Resp: 320529

Ion Ratio Lower Upper

117 100

82 53.5 40.8 61.2

119 30.4 26.2 39.2



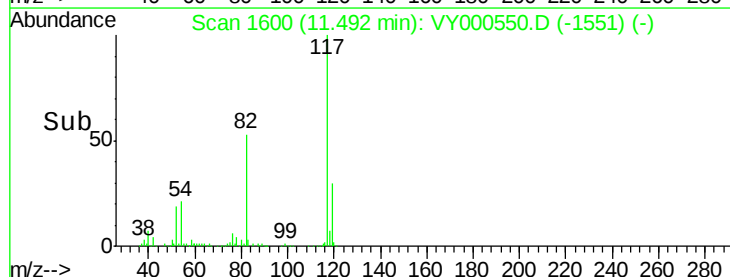
Abundance Ion 116.90 (116.60 to 117.60): VY000486.D (-1591) (-)

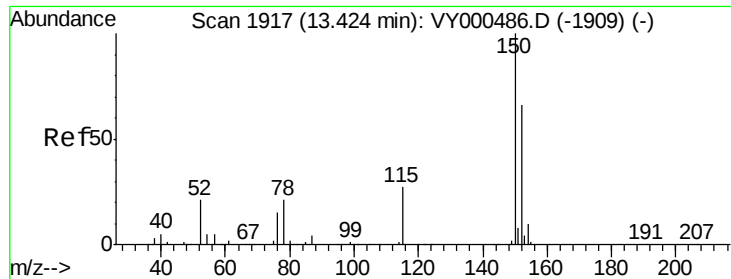
Ion 82.00 (81.70 to 82.70): VY000486.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000486.D (-1591) (-)

11.49

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000550.D

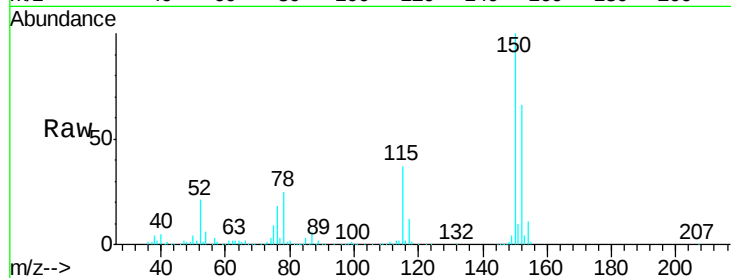
Acq: 06 Nov 2019 14:48

Instrument :

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ClientSampleId :

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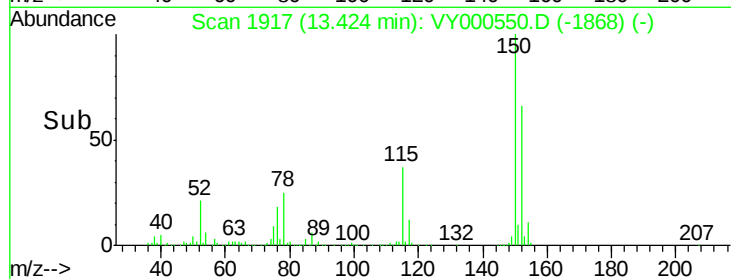
Tgt Ion:152 Resp: 141086

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.4

150 155.4 0.0 348.8



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

