

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001835.D
 Acq On : 03 Mar 2020 15:20
 Operator : SY/MD
 Sample : L1762-01
 Misc : 11.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030220

Quant Time: Mar 04 04:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

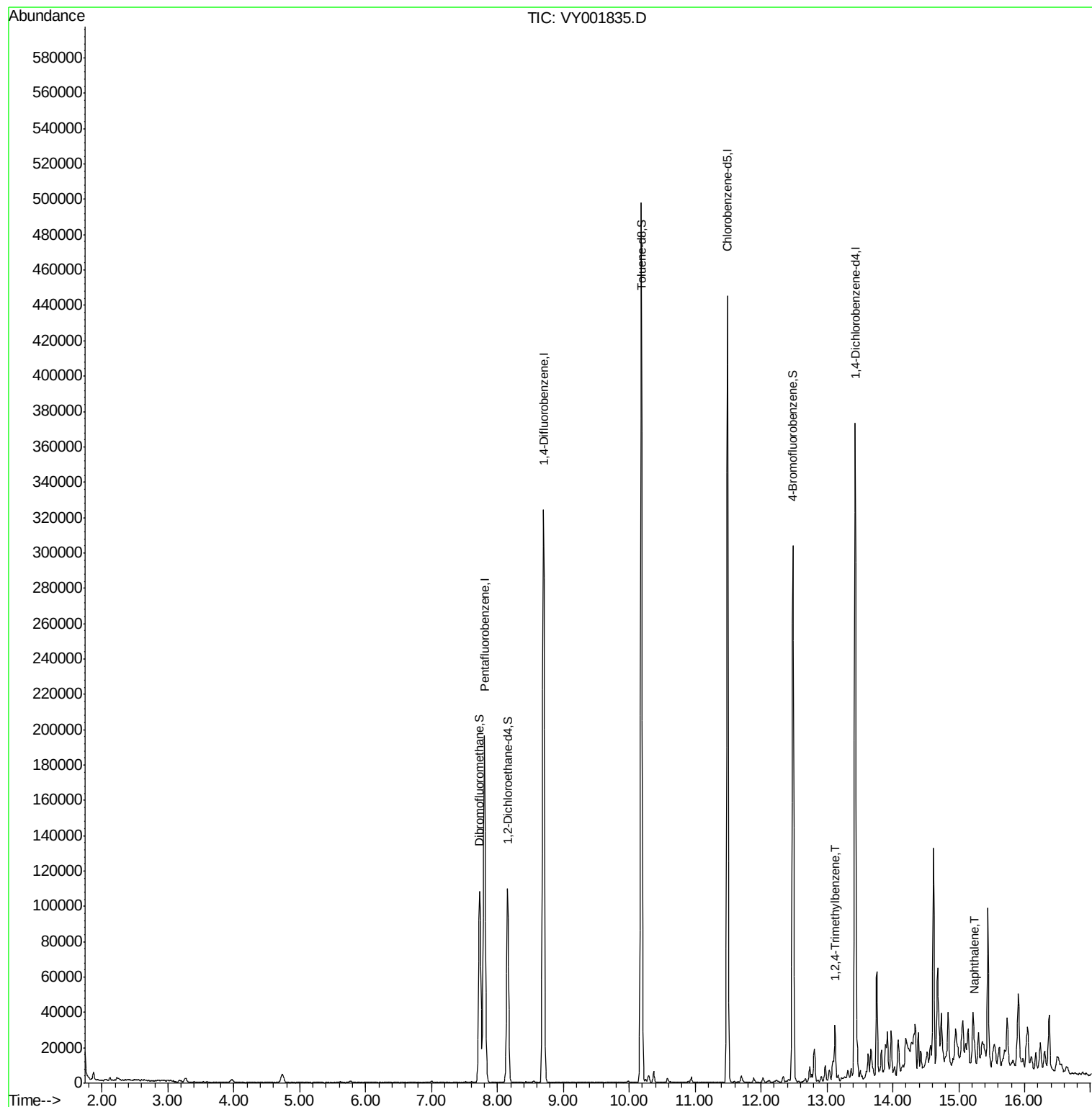
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145912	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	278730	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	232845	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	85498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	81941	52.21	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.73	113	79330	49.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.18	98	329878	52.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.48	95	97317	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.13	105	16671	3.101	ug/l	Qvalue 100
95) Naphthalene	15.24	128	4773	1.236	ug/l #	81

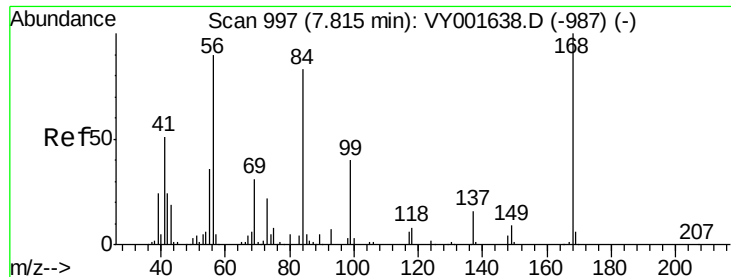
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

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MSVOA_Y

ClientSampleId :

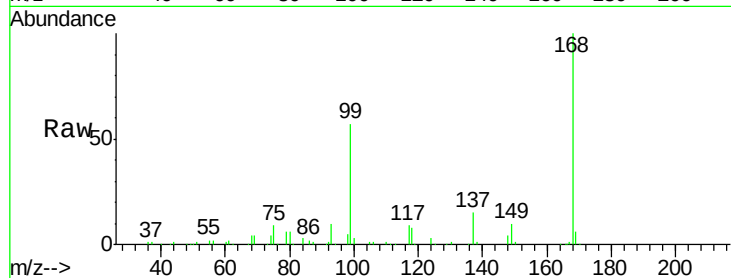
TR-04-030220

Tot Ion:168 Resp: 145912

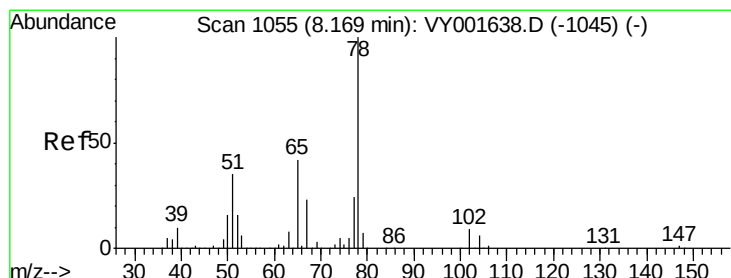
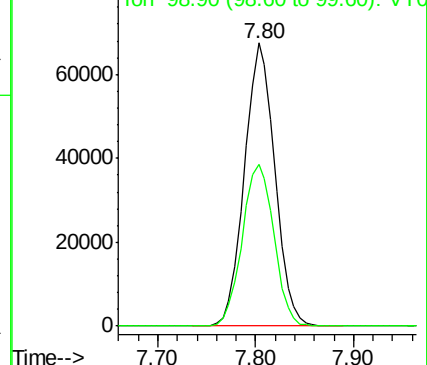
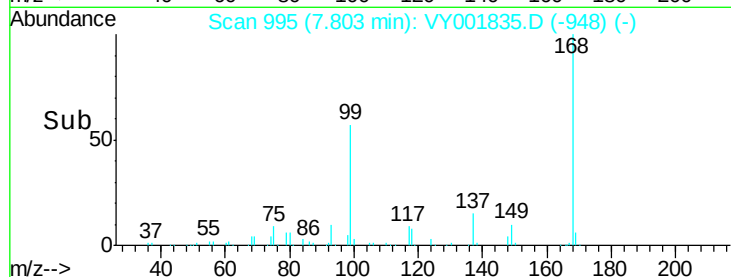
Ion Ratio Lower Upper

168 100

99 57.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001835.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001835.D

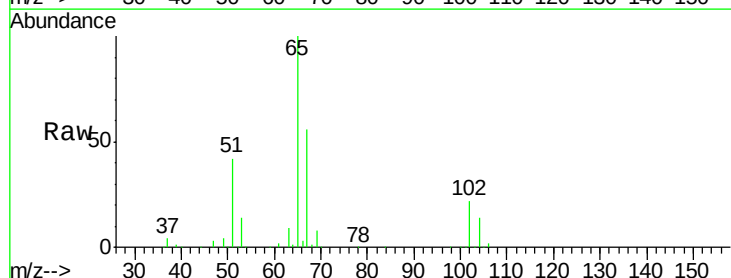
Acq: 03 Mar 2020 15:20

Tgt Ion: 65 Resp: 81941

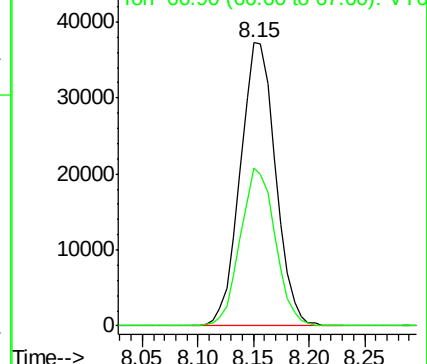
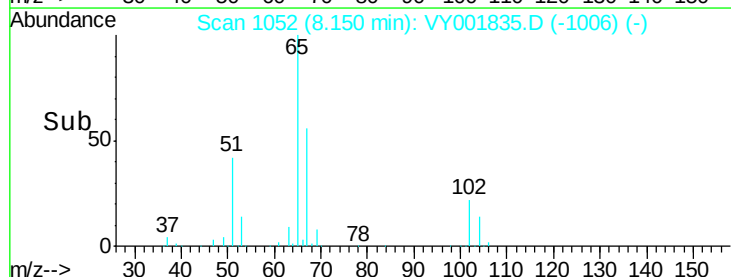
Ion Ratio Lower Upper

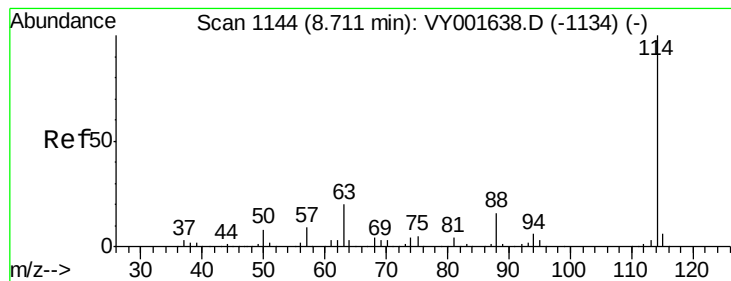
65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001835.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-030220

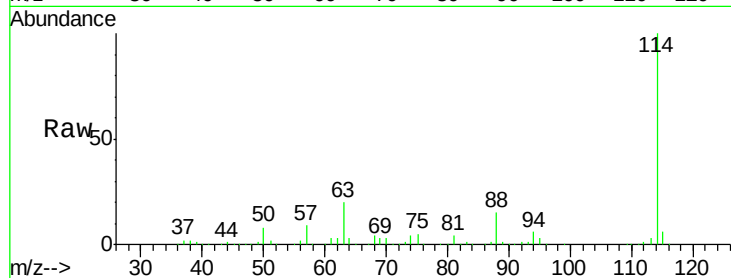
Tot Ion:114 Resp: 278730

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

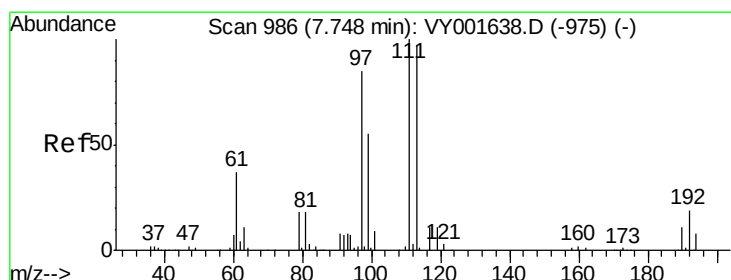
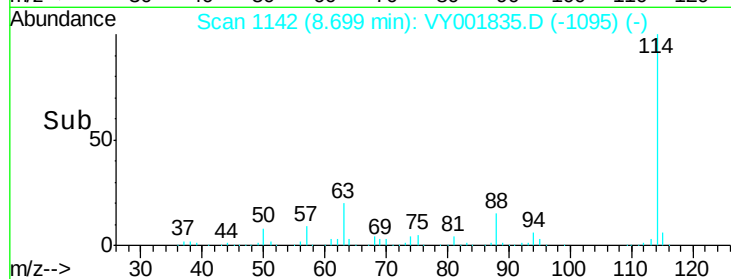
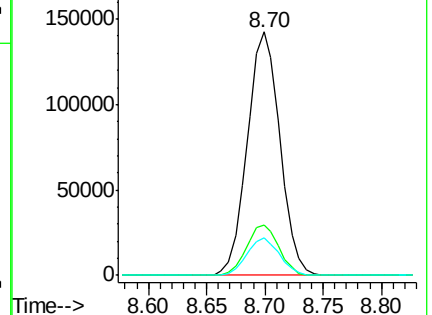
88 15.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.692 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

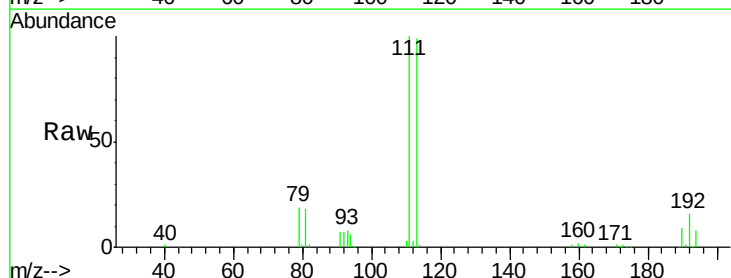
Tgt Ion:113 Resp: 79330

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

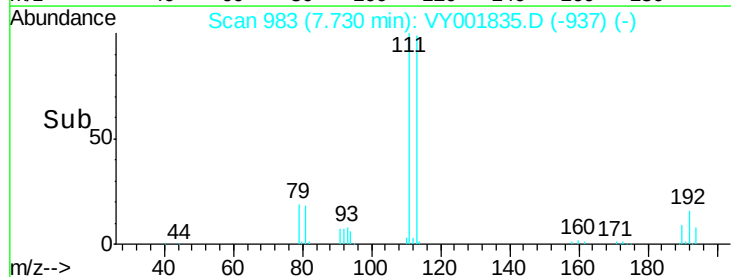
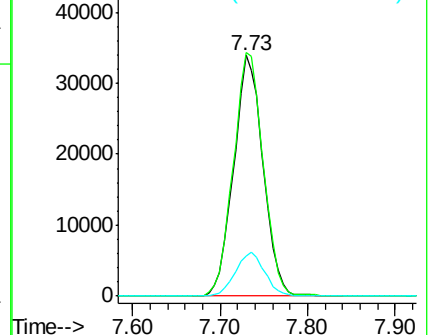
192 18.0 14.3 21.5

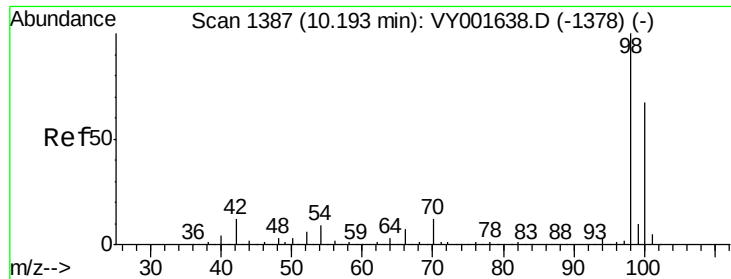


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.744 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

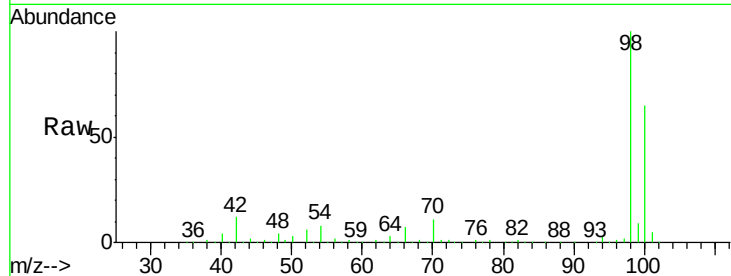
TR-04-030220

Tot Ion: 98 Resp: 329878

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

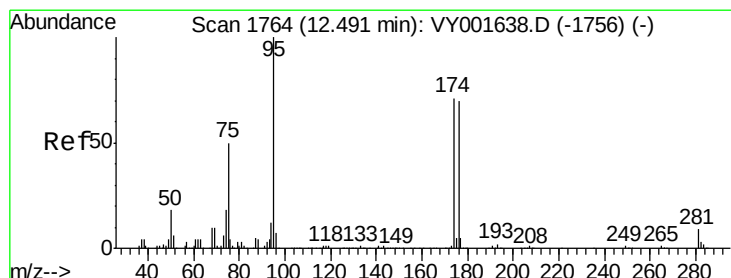
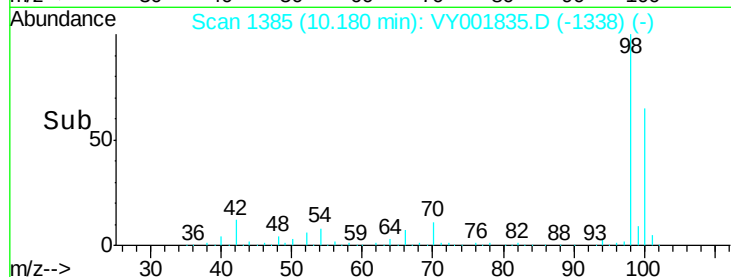
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 40.052 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

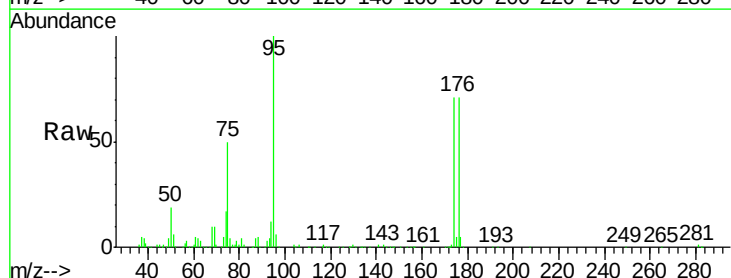
Tgt Ion: 95 Resp: 97317

Ion Ratio Lower Upper

95 100

174 72.8 0.0 138.4

176 70.4 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

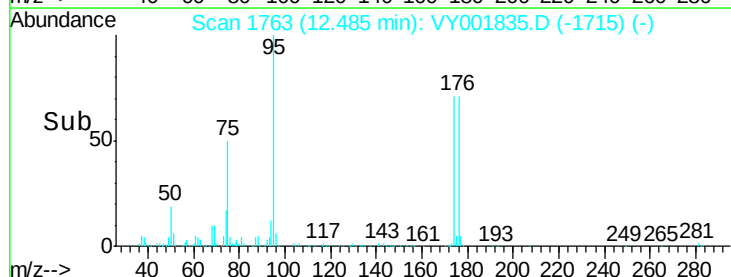
40000

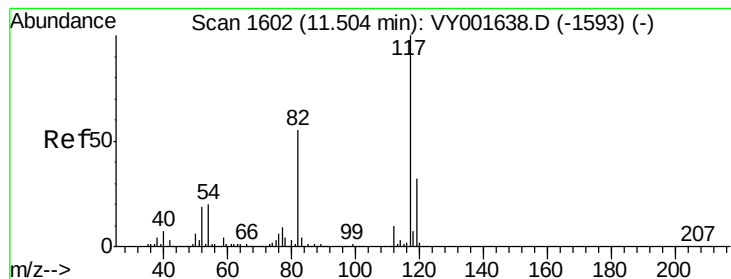
20000

0

12.40 12.45 12.50 12.55

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-030220

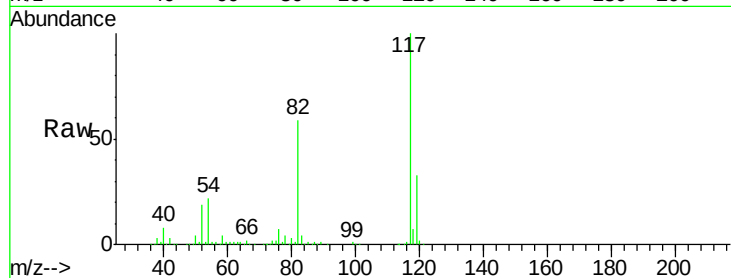
Tot Ion:117 Resp: 232845

Ion Ratio Lower Upper

117 100

82 59.2 45.5 68.3

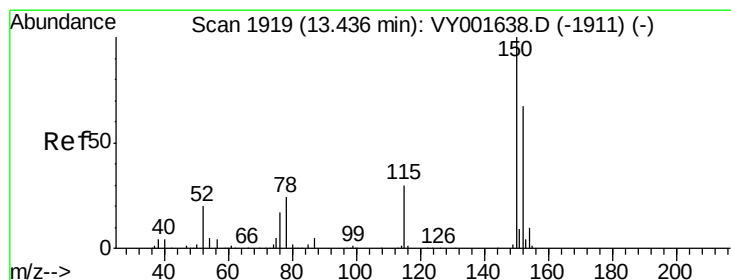
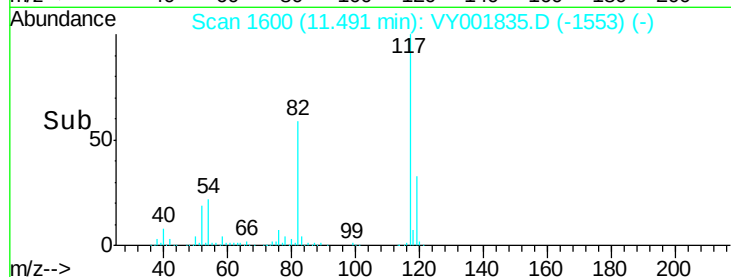
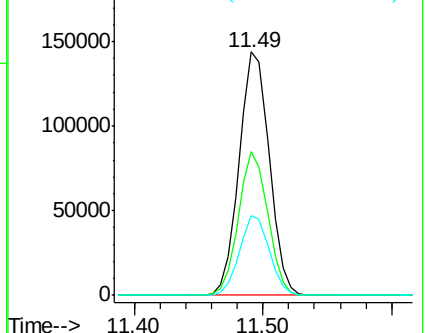
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001835.D

Acq: 03 Mar 2020 15:20

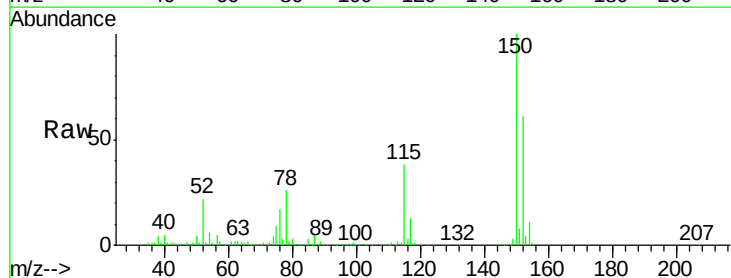
Tgt Ion:152 Resp: 85498

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

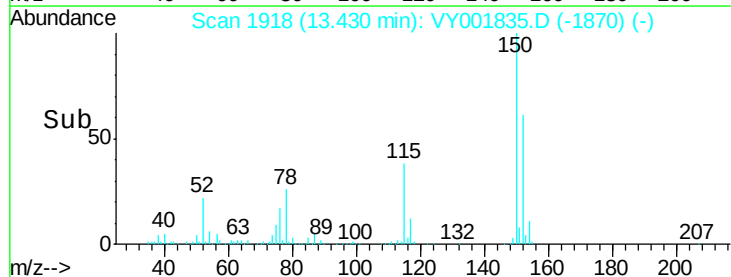
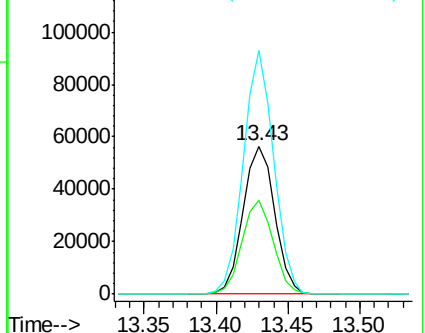
150 158.3 0.0 407.2

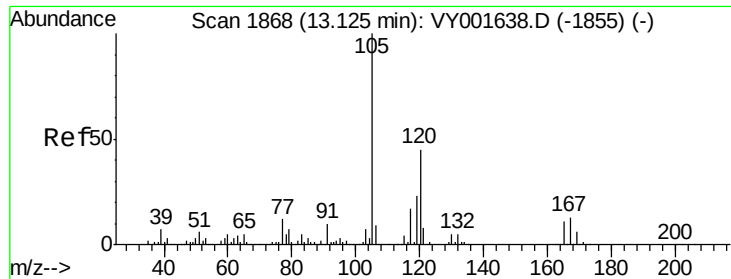


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

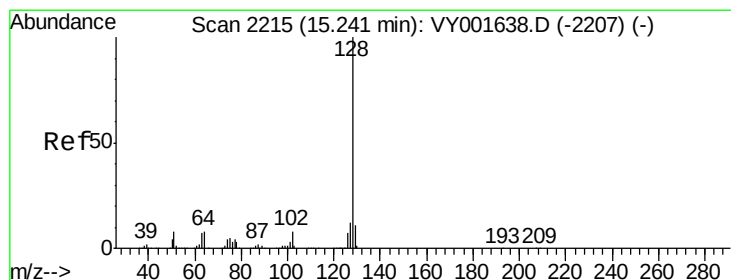
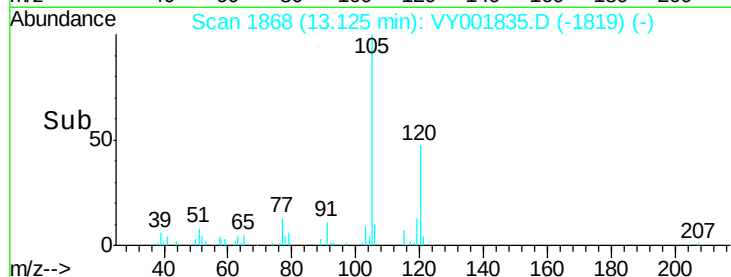
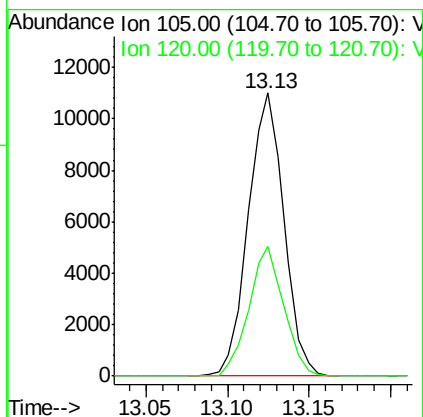
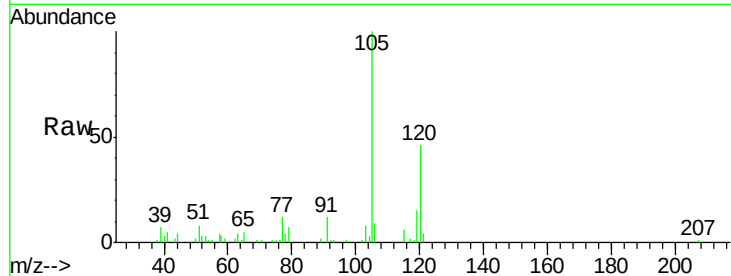




#84
 1,2,4-Trimethylbenzene
 Concen: 3.101 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001835.D
 Acq: 03 Mar 2020 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030220

Tot Ion:105 Resp: 16671
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3



#95
 Naphthalene
 Concen: 1.236 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: VY001835.D
 Acq: 03 Mar 2020 15:20

Tgt Ion:128 Resp: 4773
 Ion Ratio Lower Upper
 128 100
 127 20.7 9.9 14.9#
 129 16.8 8.6 13.0#

