

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002663.D
 Acq On : 12 May 2020 13:09
 Operator : SY/MD
 Sample : L2575-05
 Misc : 7.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-29

Quant Time: May 13 02:46:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

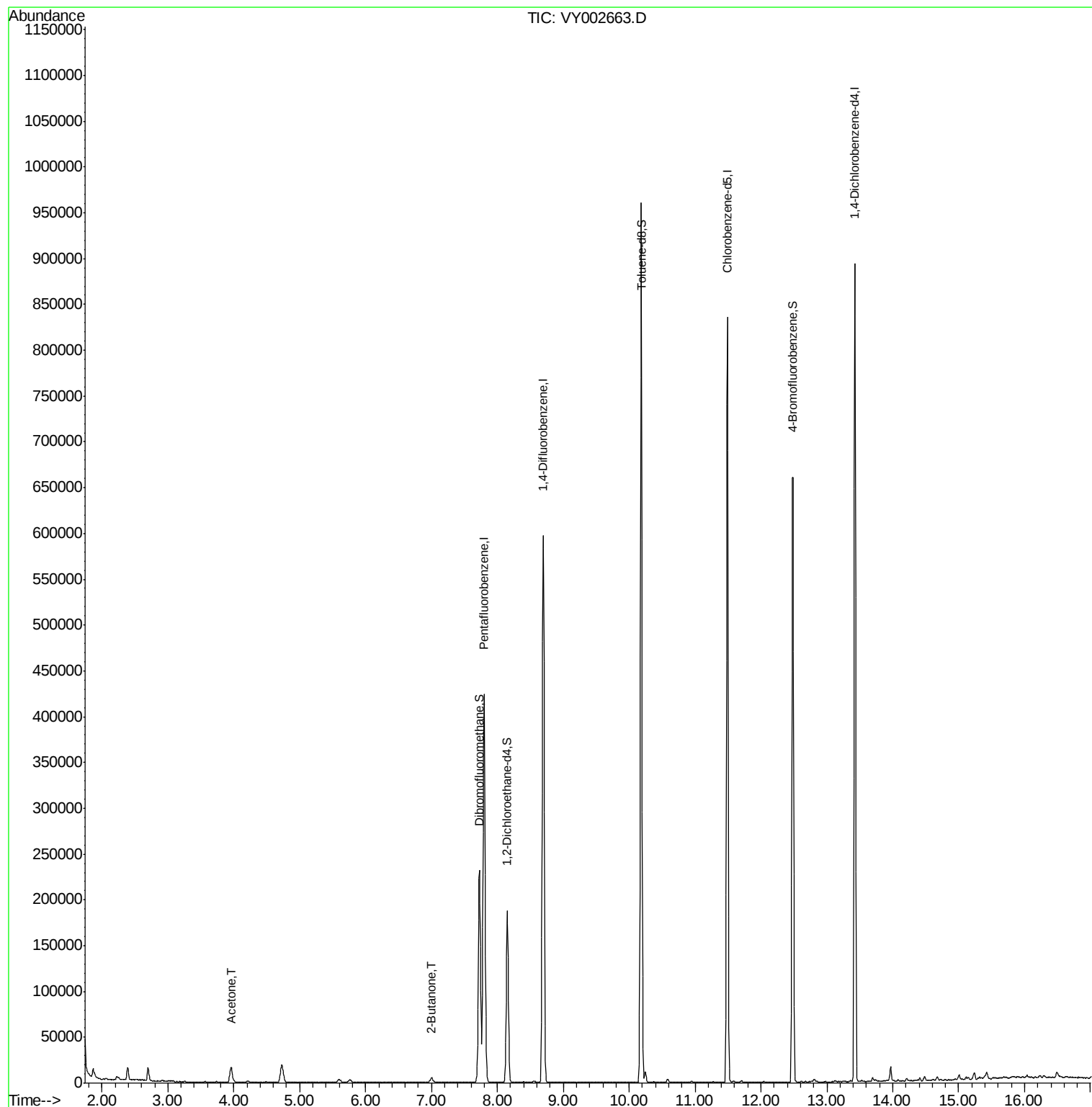
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	552016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	485737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242212	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147189	48.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.73	113	161462	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	10.18	98	642195	52.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.48	95	207696	49.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	3.96	43	28375	45.684	ug/l	94
25) 2-Butanone	7.00	43	6164	6.063	ug/l	93

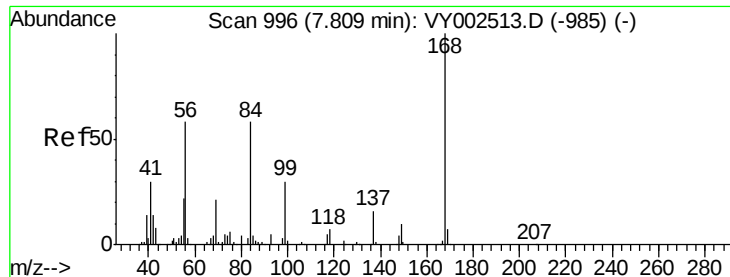
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

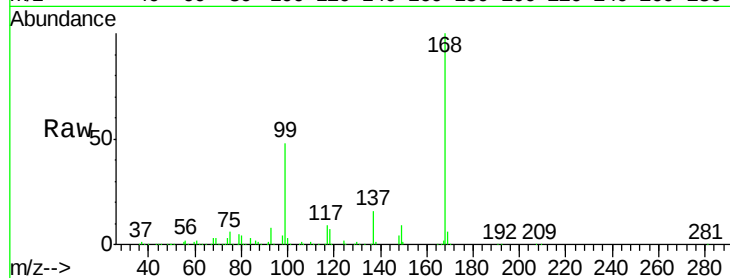
TP-29

Tot Ion:168 Resp: 357934

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

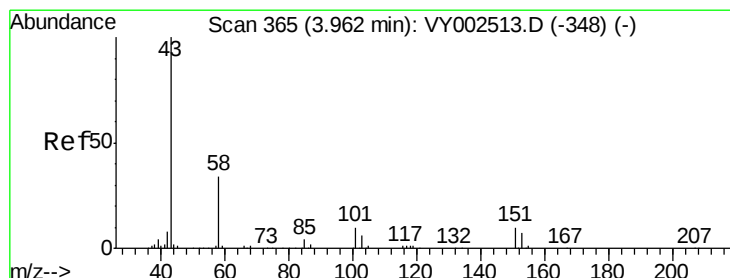
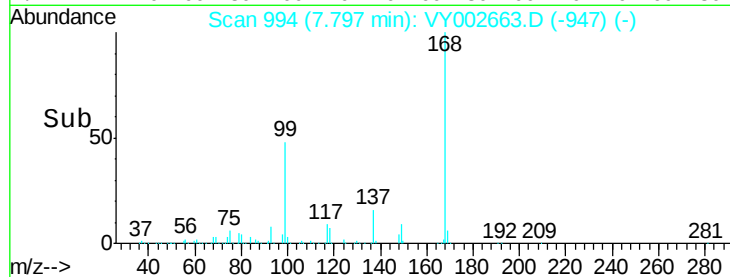
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 45.684 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002663.D

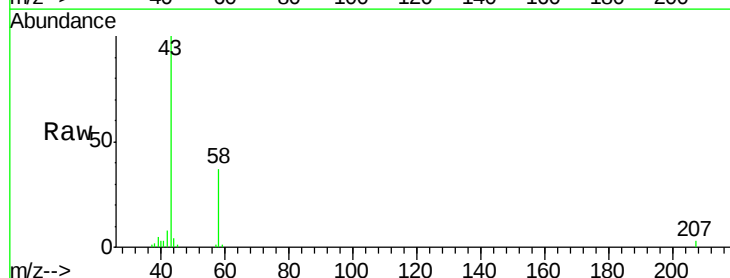
Acq: 12 May 2020 13:09

Tgt Ion: 43 Resp: 28375

Ion Ratio Lower Upper

43 100

58 37.2 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

12000

10000

8000

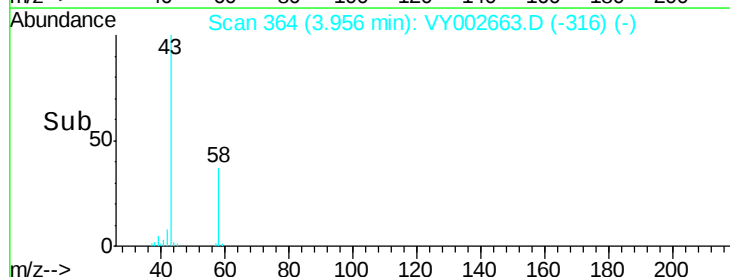
6000

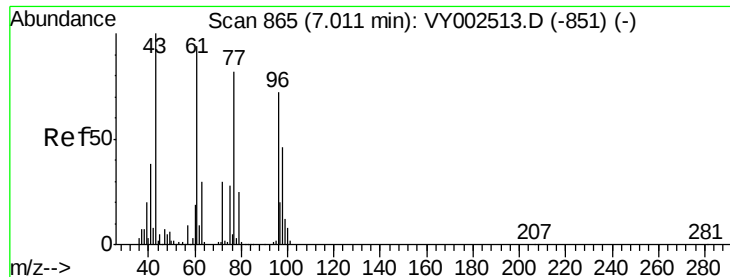
4000

2000

0

Time-->

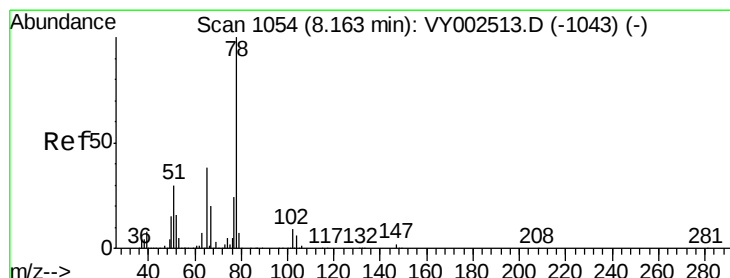
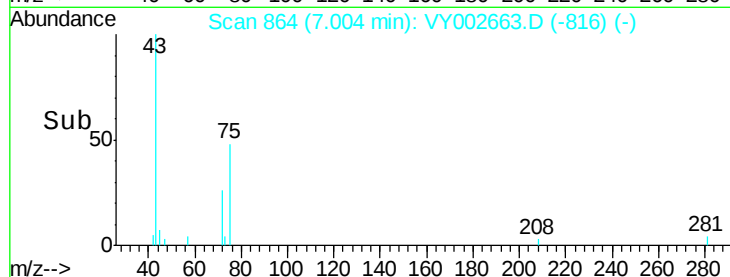
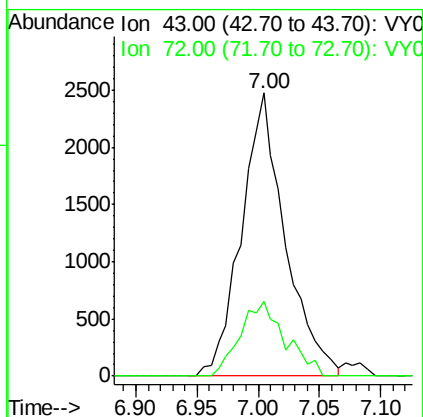
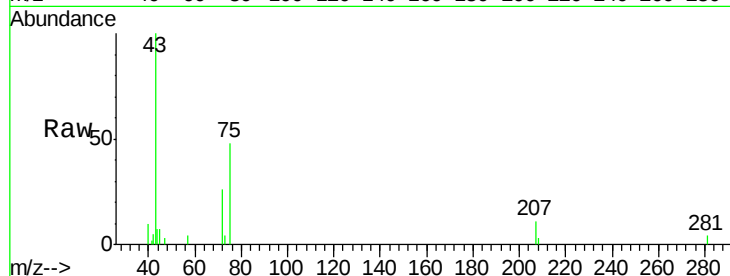




#25
2-Butanone
Concen: 6.063 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

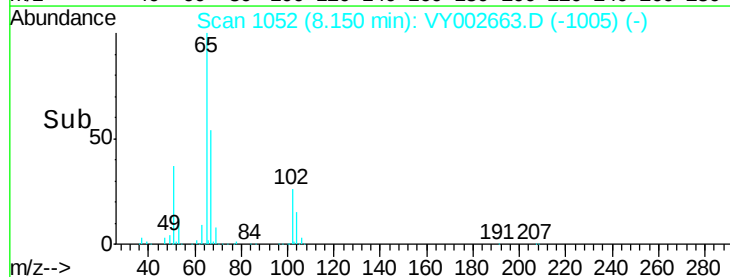
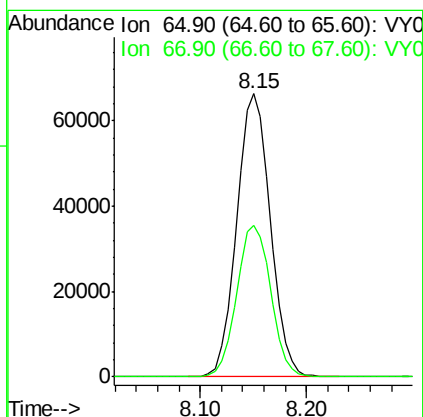
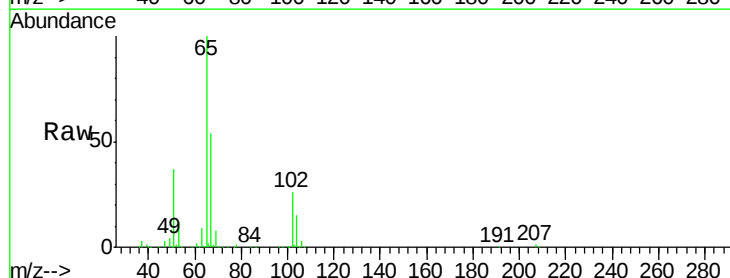
Instrument :
MSVOA_Y
ClientSampled :
TP-29

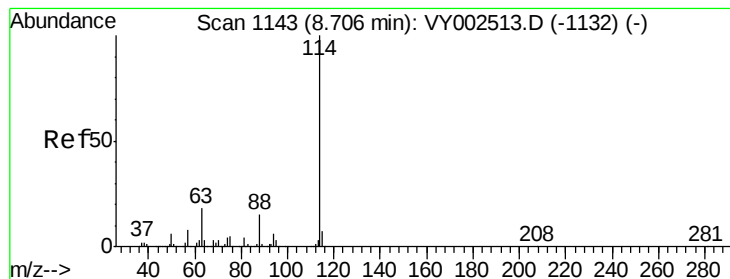
Tot Ion: 43 Resp: 6164
Ion Ratio Lower Upper
43 100
72 26.3 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 48.907 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002663.D
Acq: 12 May 2020 13:09

Tgt Ion: 65 Resp: 147189
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-29

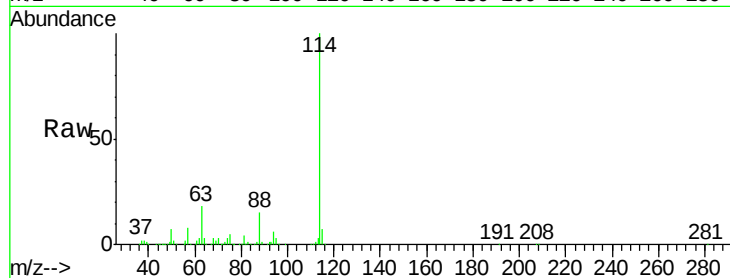
Tot Ion:114 Resp: 552016

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

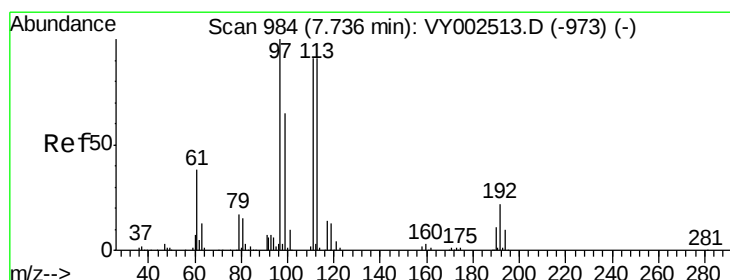
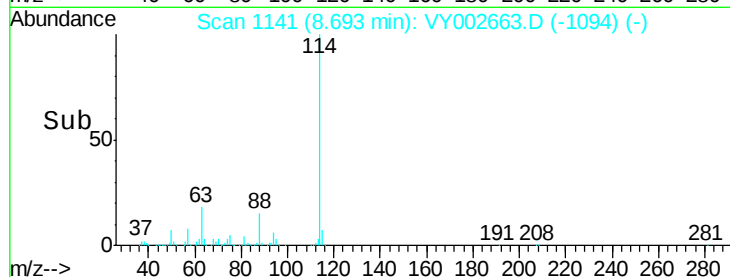
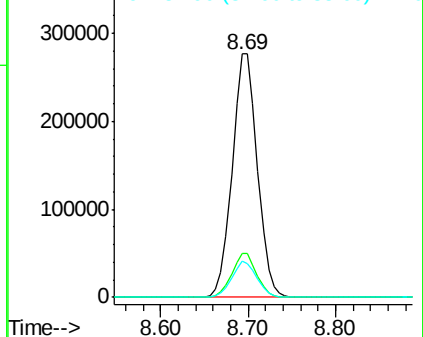
88 14.8 0.0 29.6



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: 51.144 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

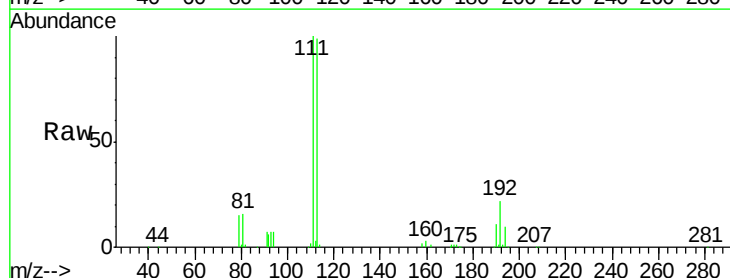
Tgt Ion:113 Resp: 161462

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

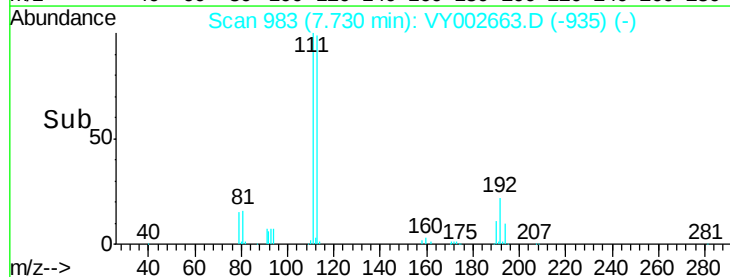
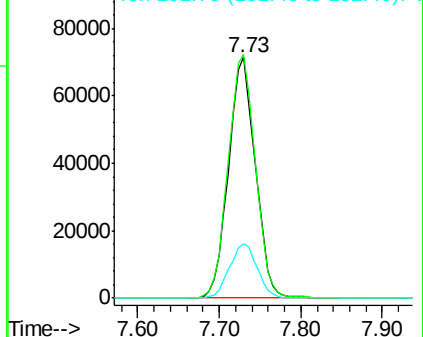
192 23.3 18.2 27.4

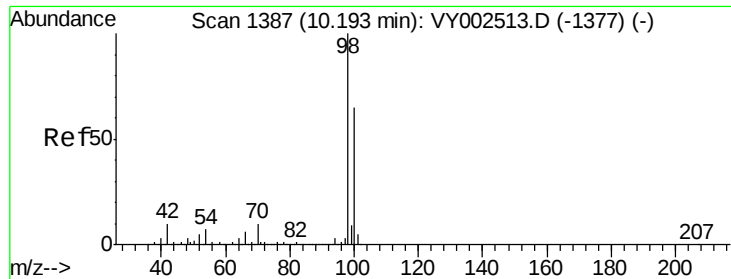


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.090 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

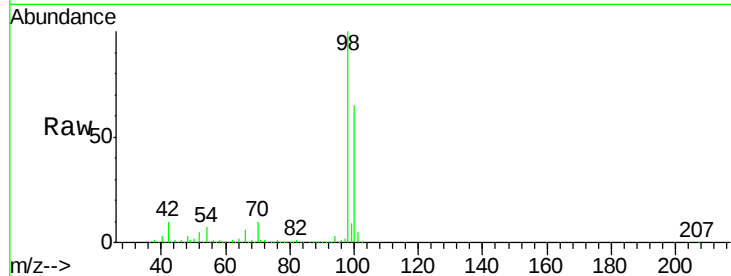
TP-29

Tot Ion: 98 Resp: 642195

Ion Ratio Lower Upper

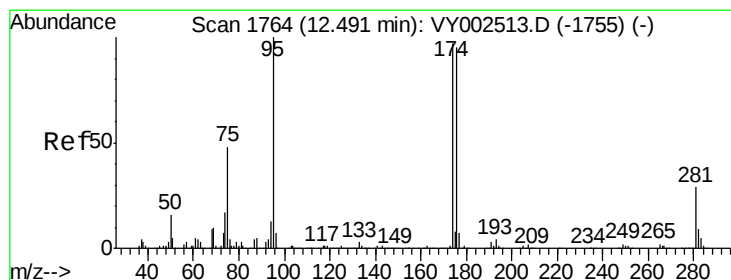
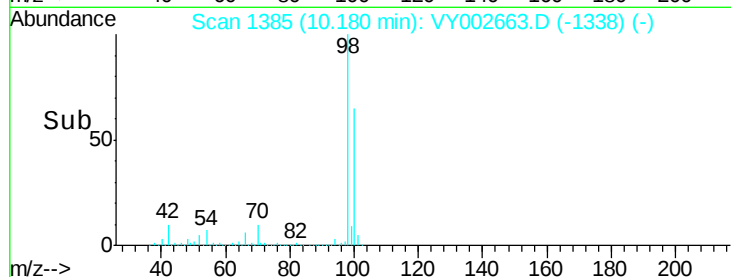
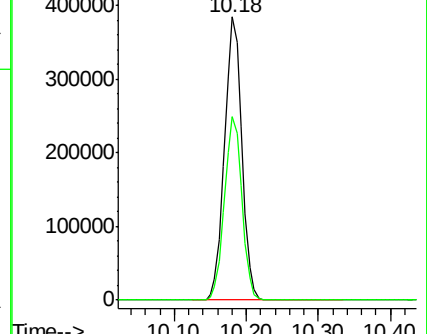
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.648 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

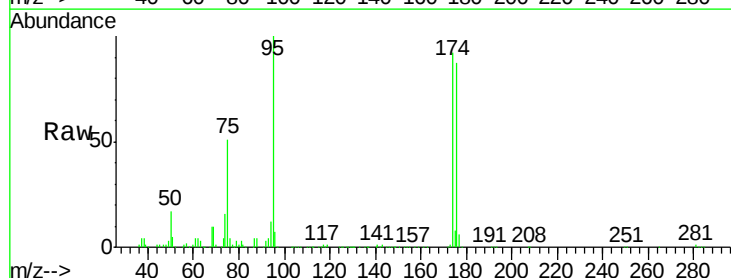
Tgt Ion: 95 Resp: 207696

Ion Ratio Lower Upper

95 100

174 94.3 0.0 188.8

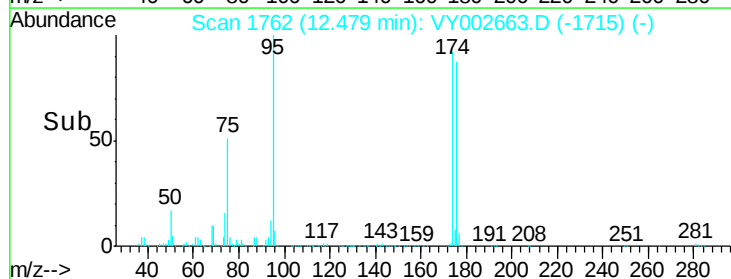
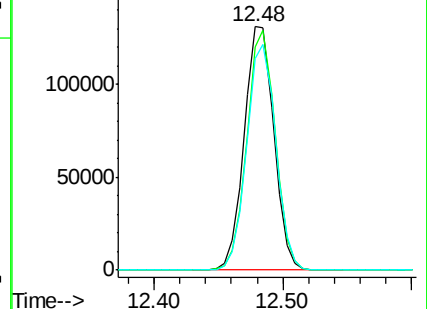
176 90.8 0.0 183.2

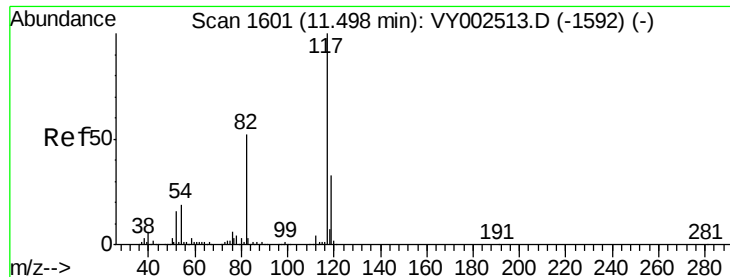


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

Instrument :

MSVOA_Y

ClientSampled :

TP-29

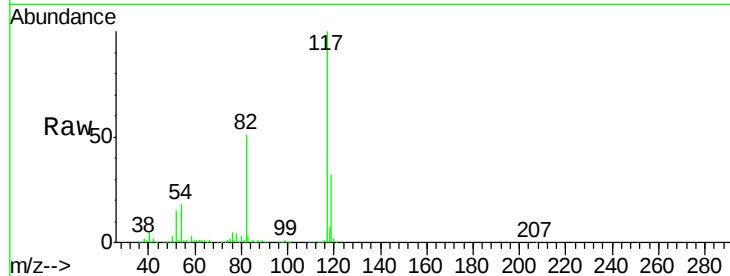
Tot Ion:117 Resp: 485737

Ion Ratio Lower Upper

117 100

82 50.8 41.3 61.9

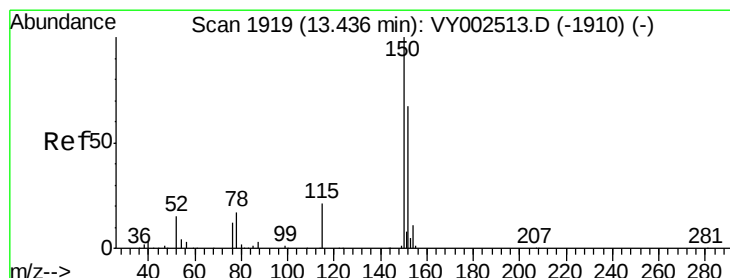
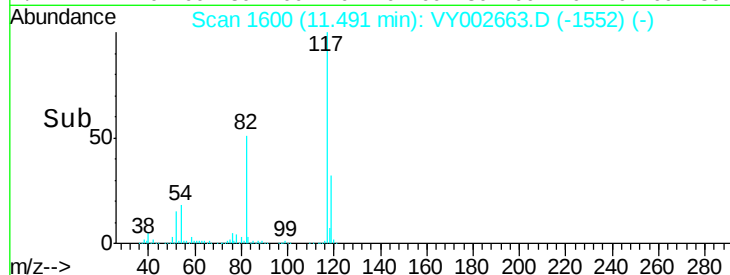
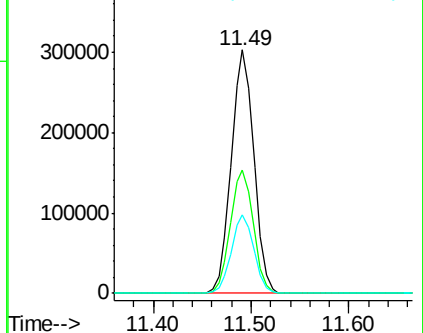
119 32.2 26.0 39.0



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: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002663.D

Acq: 12 May 2020 13:09

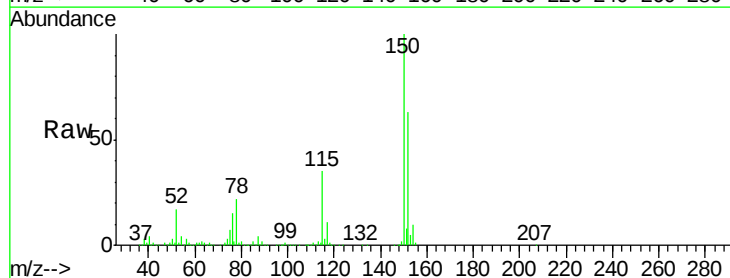
Tgt Ion:152 Resp: 242212

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.4

150 157.0 0.0 346.4



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

