

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002664.D
 Acq On : 12 May 2020 13:32
 Operator : SY/MD
 Sample : L2575-09
 Misc : 6.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-27

Quant Time: May 13 02:48:08 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

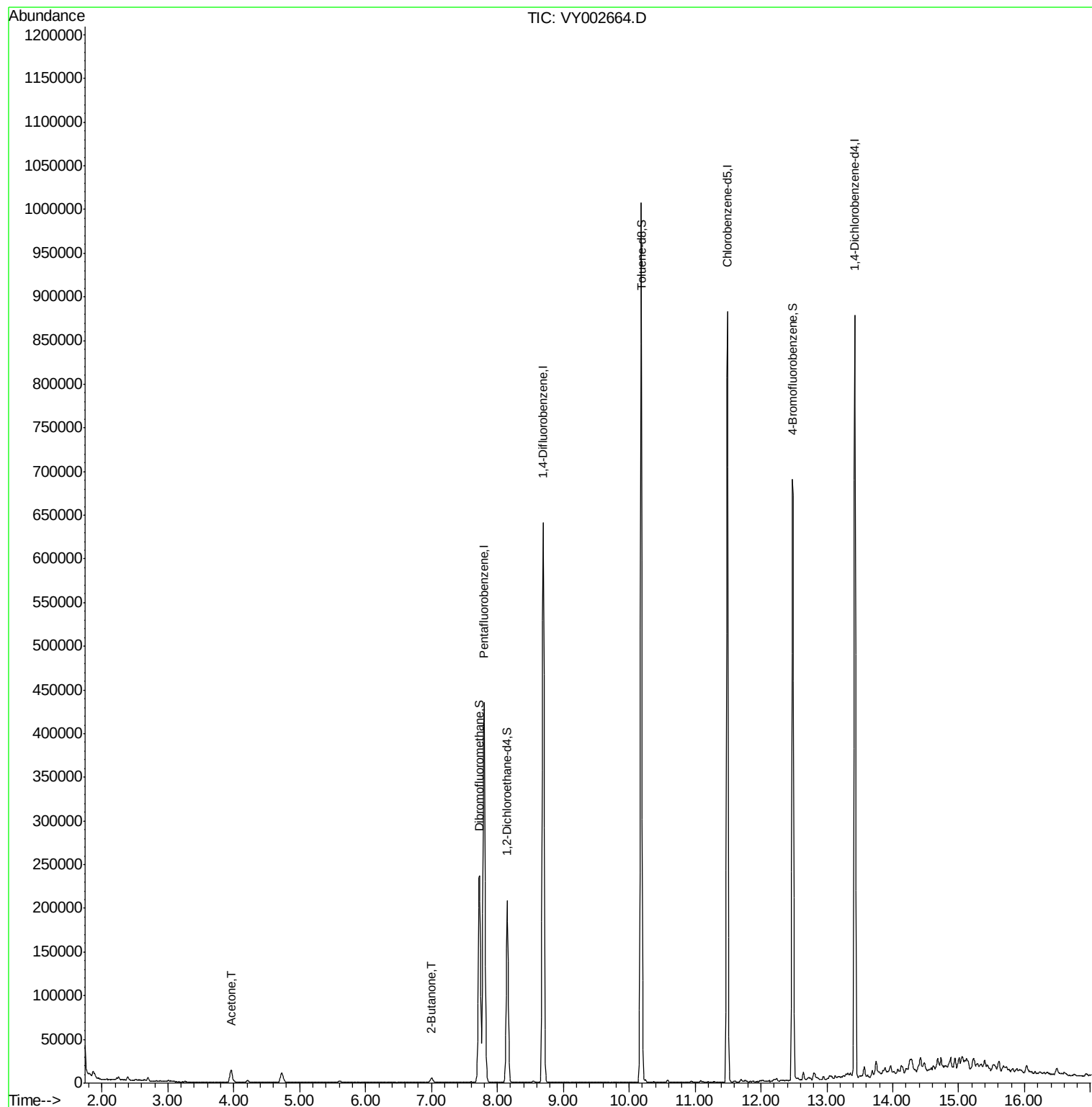
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	374311	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	586603	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	510841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240110	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	159631	50.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	7.73	113	172283	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.18	98	677455	51.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.48	95	214194	48.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
16) Acetone	3.96	43	24261	37.352	ug/l	99
25) 2-Butanone	7.00	43	8063	7.583	ug/l	97

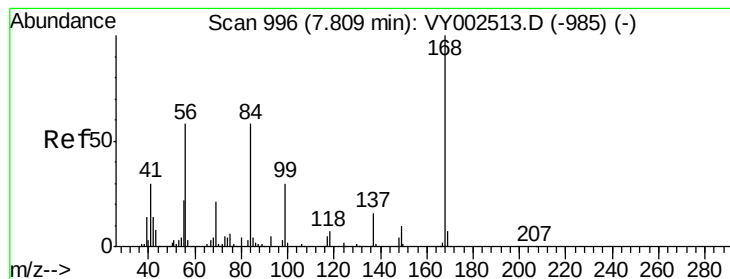
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002664.D

Acq: 12 May 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

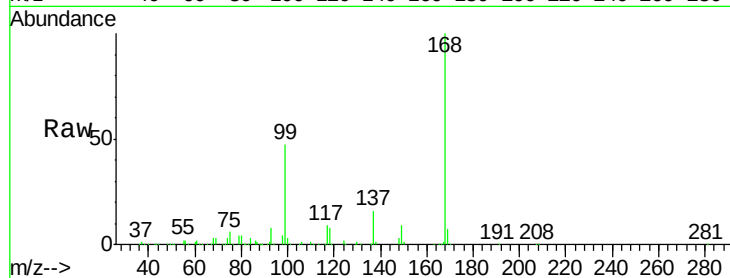
TP-27

Tot Ion:168 Resp: 374311

Ion Ratio Lower Upper

168 100

99 47.2 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

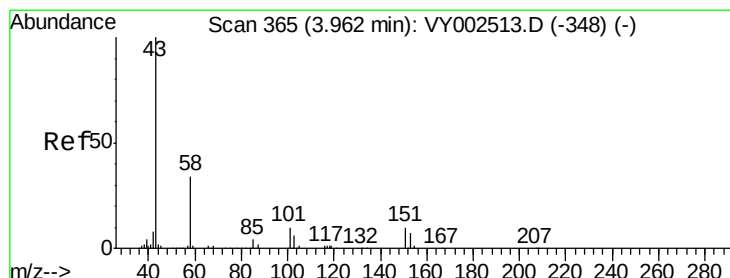
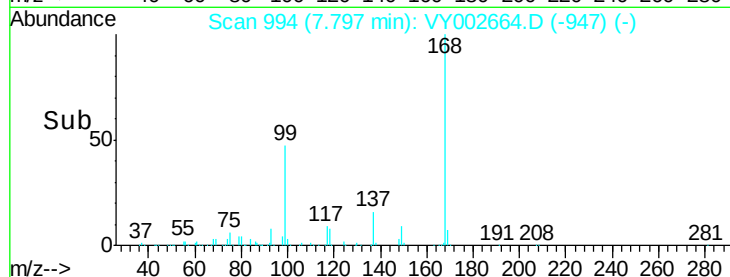
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 37.352 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002664.D

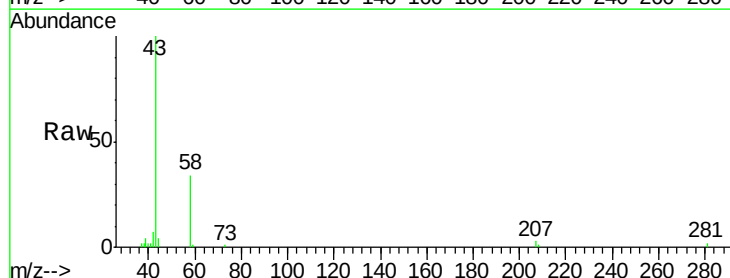
Acq: 12 May 2020 13:32

Tgt Ion: 43 Resp: 24261

Ion Ratio Lower Upper

43 100

58 34.5 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

10000

8000

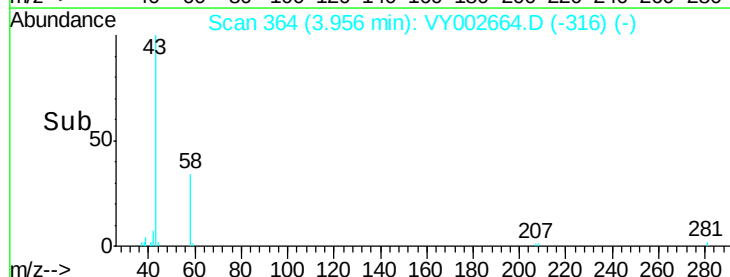
6000

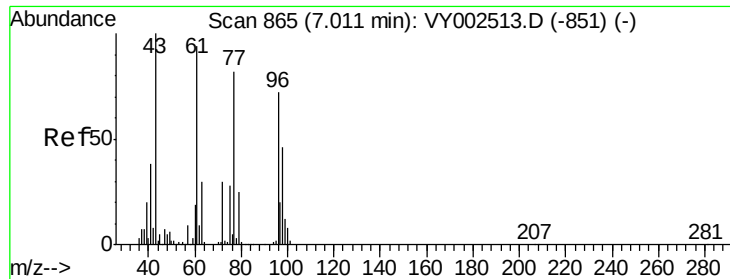
4000

2000

0

Time-->

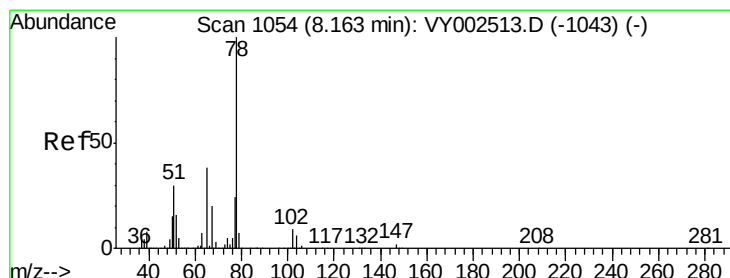
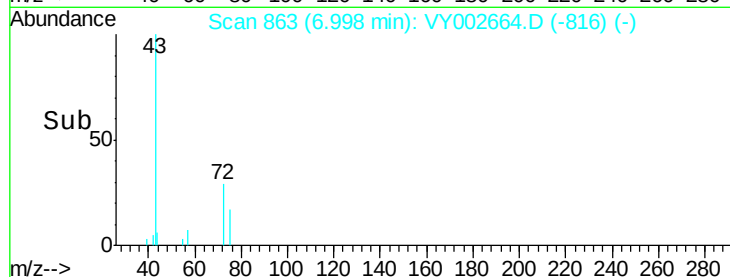
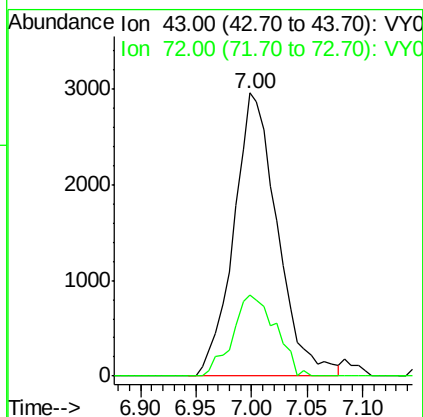
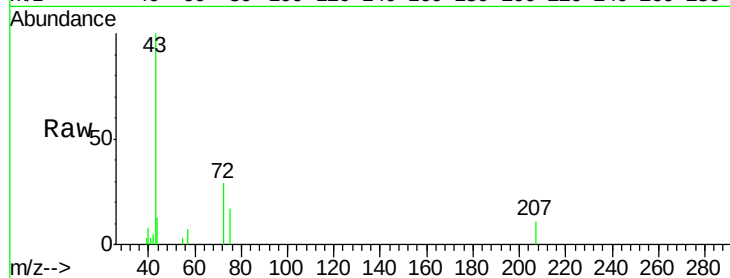




#25
2-Butanone
Concen: 7.583 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002664.D
Acq: 12 May 2020 13:32

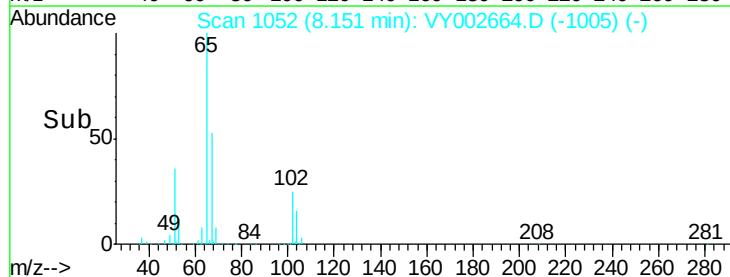
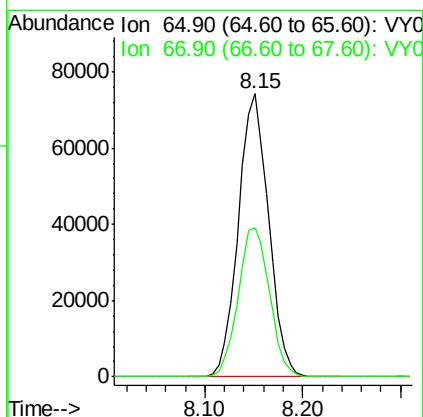
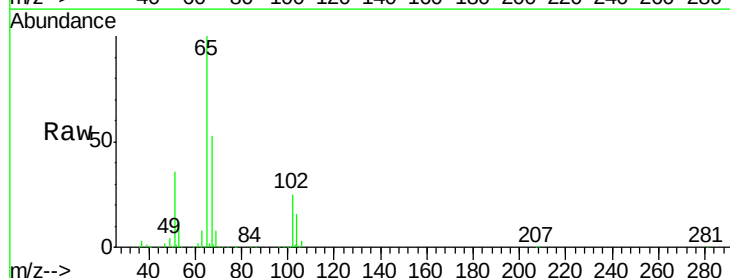
Instrument :
MSVOA_Y
ClientSampled :
TP-27

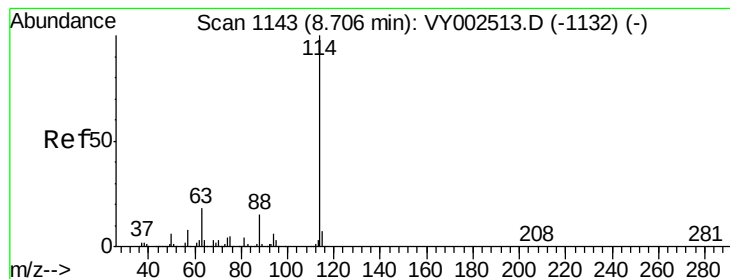
Tot Ion: 43 Resp: 8063
Ion Ratio Lower Upper
43 100
72 28.7 24.1 36.1



#33
1,2-Dichloroethane-d4
Concen: 50.720 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002664.D
Acq: 12 May 2020 13:32

Tgt Ion: 65 Resp: 159631
Ion Ratio Lower Upper
65 100
67 54.5 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: VY002664.D

Acq: 12 May 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-27

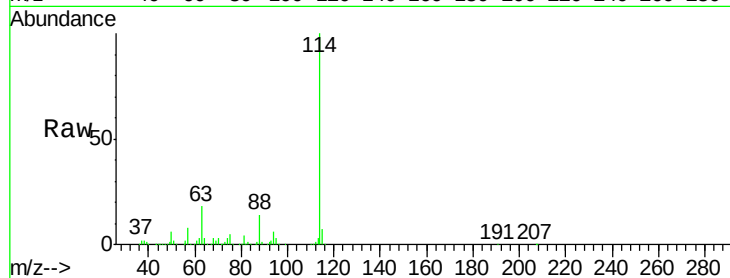
Tot Ion:114 Resp: 586603

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

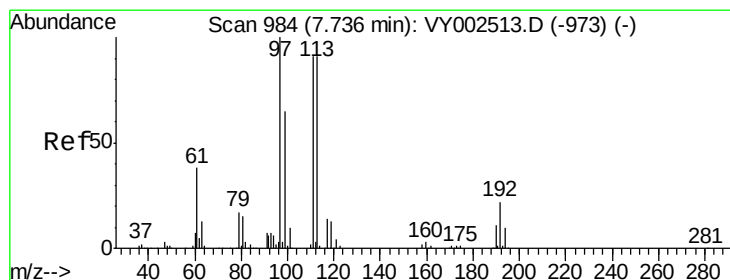
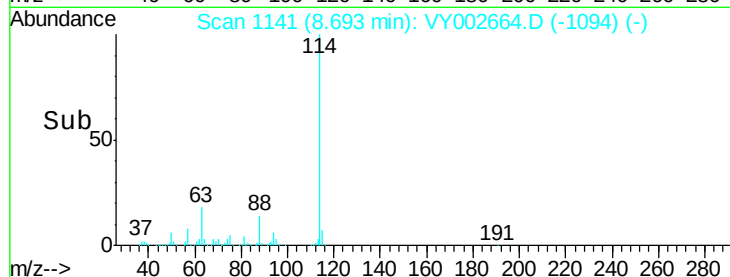
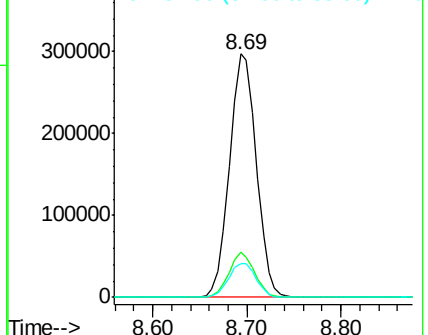
88 14.0 0.0 29.6



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: 51.354 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002664.D

Acq: 12 May 2020 13:32

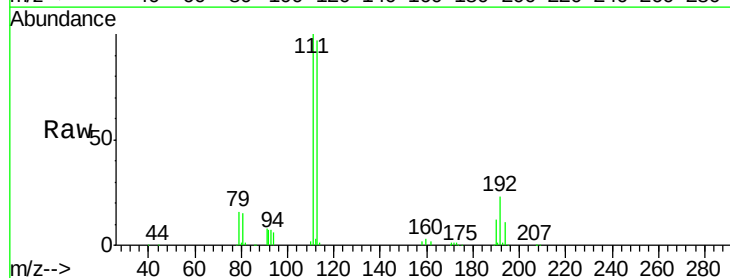
Tgt Ion:113 Resp: 172283

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

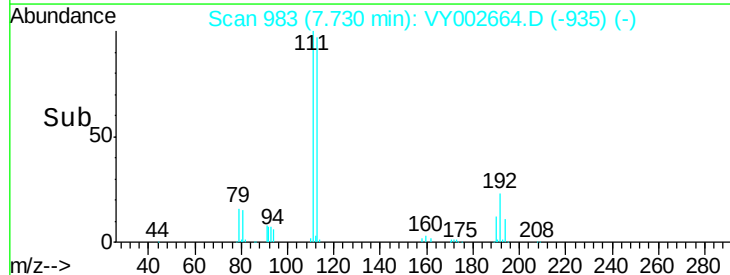
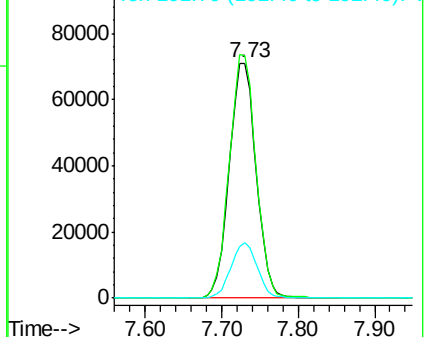
192 23.1 18.2 27.4

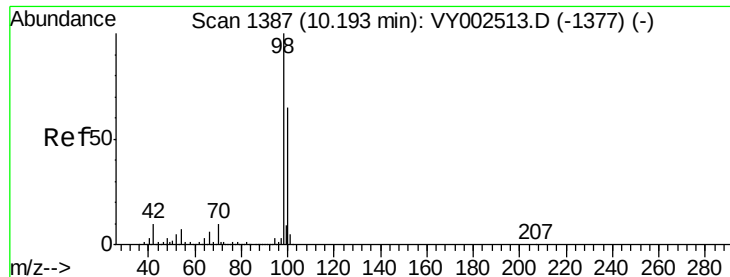


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.710 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002664.D

Acq: 12 May 2020 13:32

Instrument :

MSVOA_Y

ClientSampled :

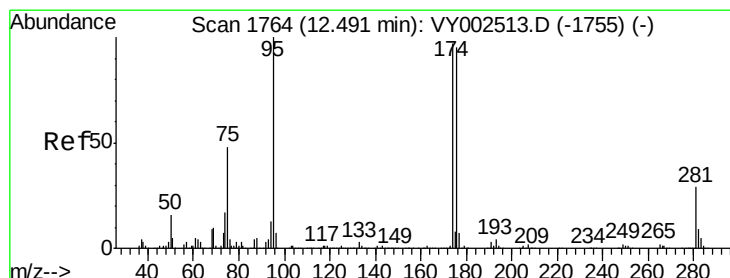
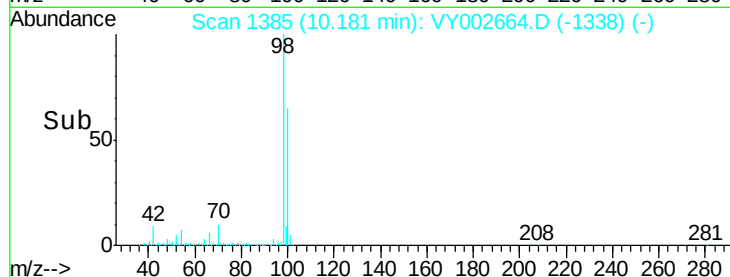
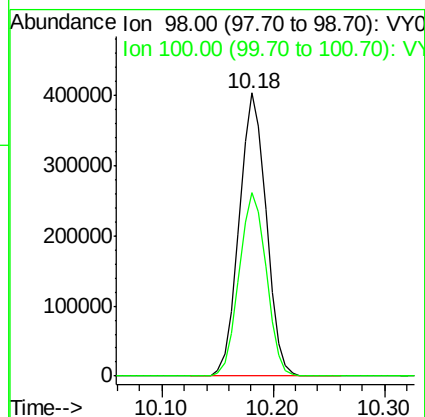
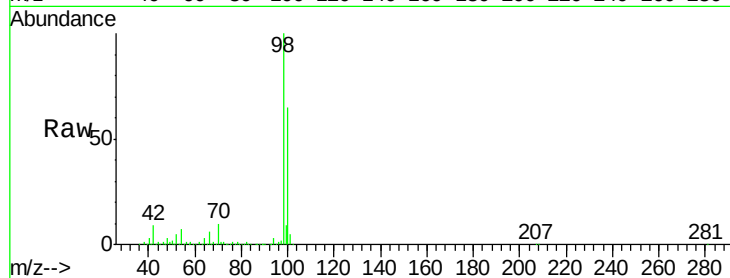
TP-27

Tot Ion: 98 Resp: 677455

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.182 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002664.D

Acq: 12 May 2020 13:32

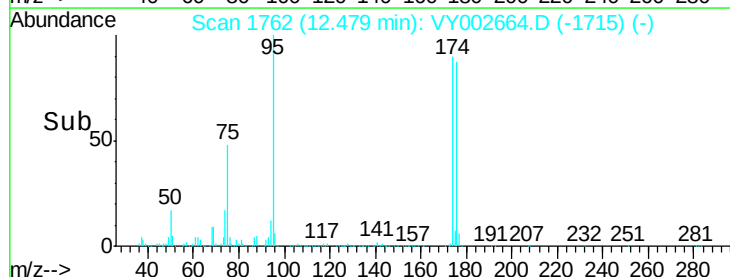
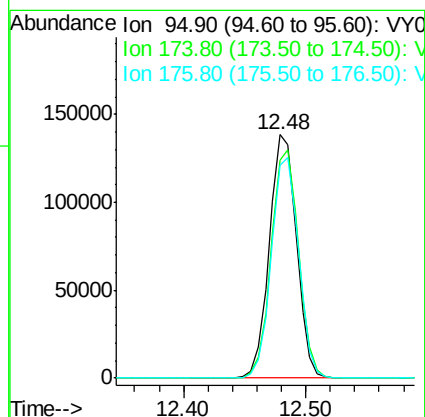
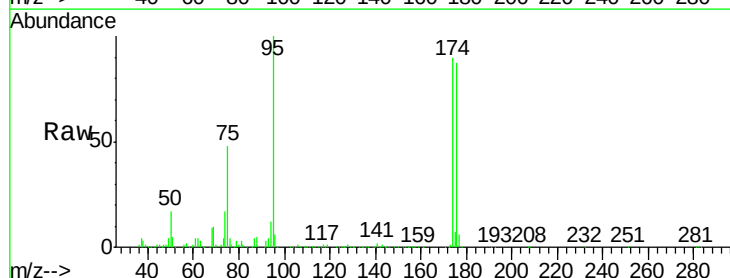
Tgt Ion: 95 Resp: 214194

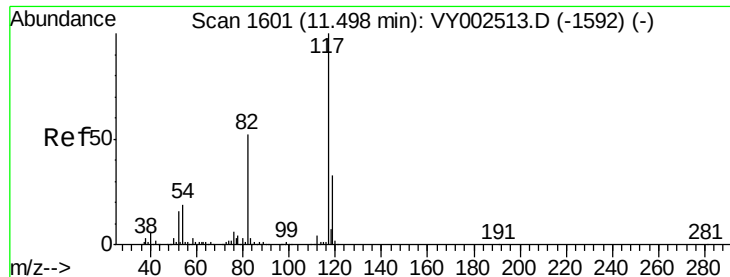
Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.8

176 90.9 0.0 183.2

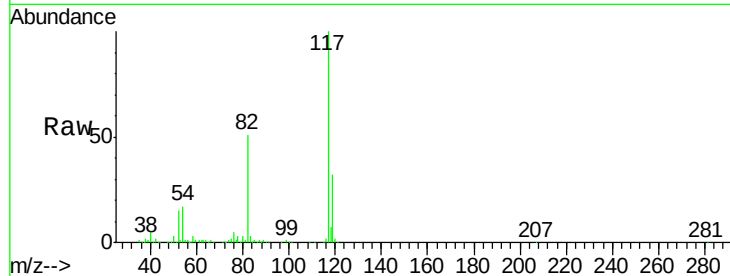




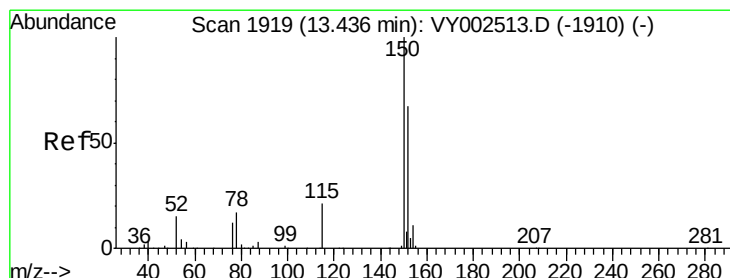
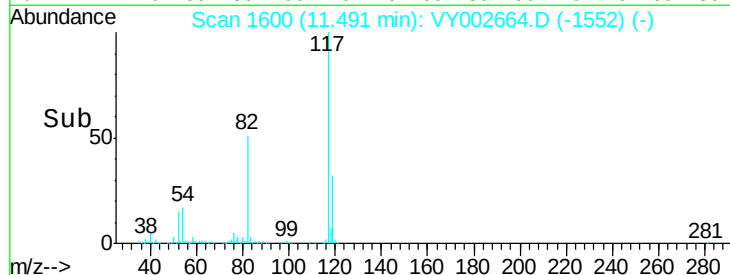
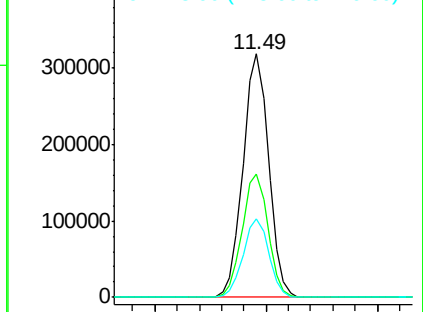
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002664.D
Acq: 12 May 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-27

Tot Ion:117 Resp: 510841
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.3 26.0 39.0

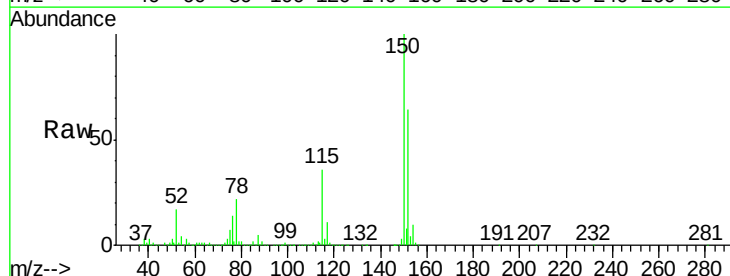


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002664.D
Acq: 12 May 2020 13:32

Tgt Ion:152 Resp: 240110
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 157.1 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

