

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003153.D
 Acq On : 09 Jul 2020 18:57
 Operator : SY/MD
 Sample : L3258-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20200414-1

Quant Time: Jul 10 04:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

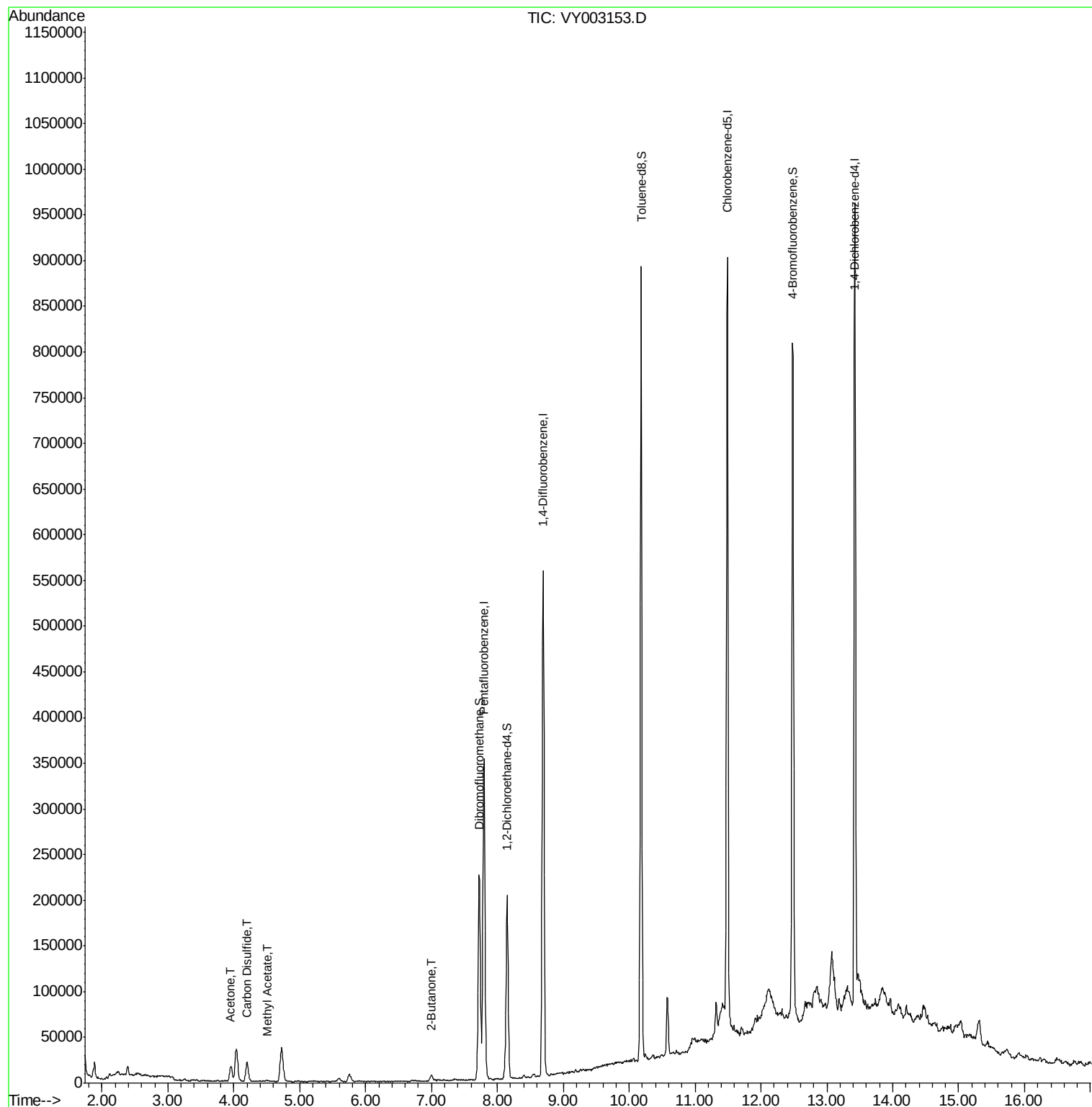
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	476445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	465913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154591	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.72	113	157354	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.18	98	574786	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.48	95	210086	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
Target Compounds						
16) Acetone	3.95	43	29036	41.861	ug/l	94
17) Carbon Disulfide	4.20	76	43225	5.267	ug/l	100
18) Methyl Acetate	4.50	43	2330	1.247	ug/l #	83
25) 2-Butanone	6.99	43	11107	10.080	ug/l	91

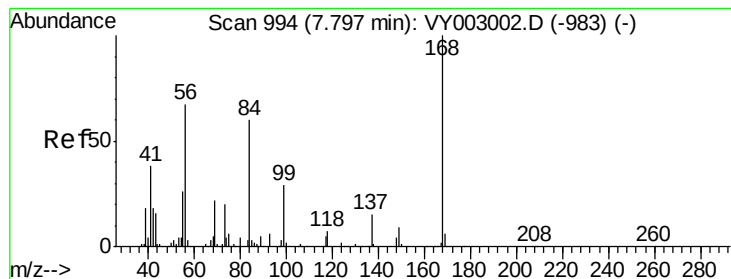
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003153.D

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MSVOA_Y

ClientSampleId :

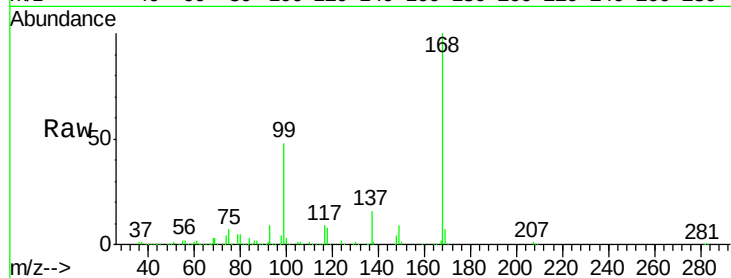
20200414-1

Tot Ion:168 Resp: 296115

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003153.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003153.D (-945) (-)

7.80

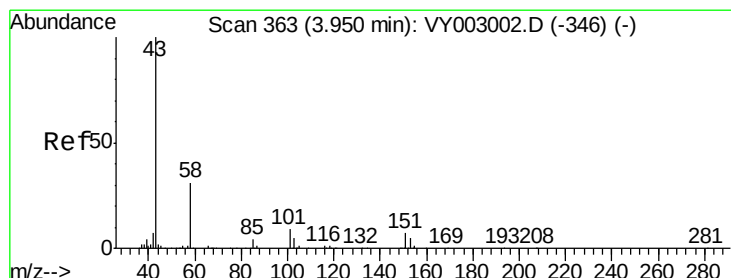
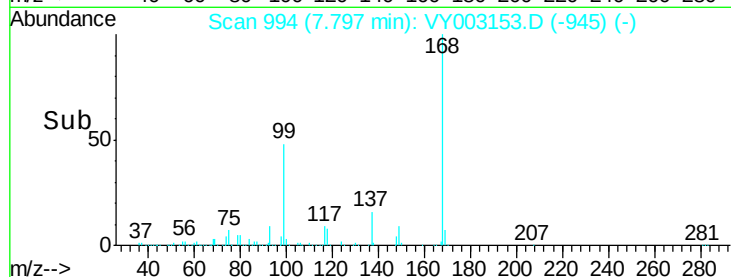
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.861 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003153.D

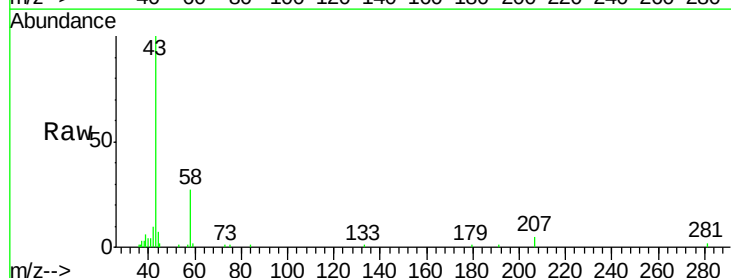
Acq: 09 Jul 2020 18:57

Tgt Ion: 43 Resp: 29036

Ion Ratio Lower Upper

43 100

58 27.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003153.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003153.D (-314) (-)

3.95

10000

8000

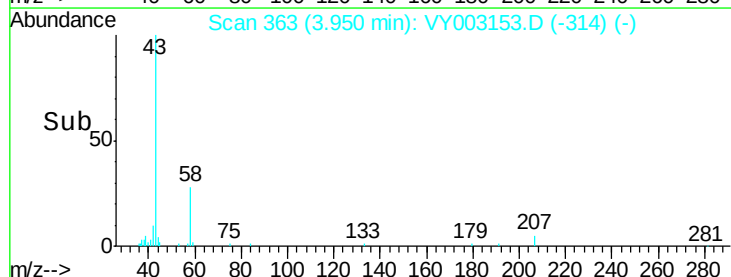
6000

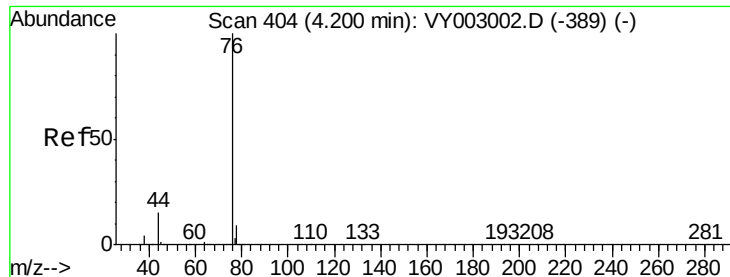
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 5.267 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003153.D

Acq: 09 Jul 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

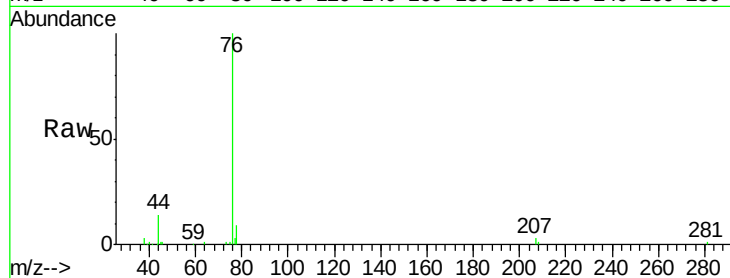
20200414-1

Tot Ion: 76 Resp: 43225

Ion Ratio Lower Upper

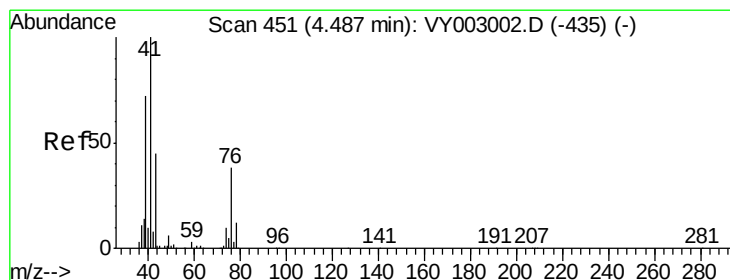
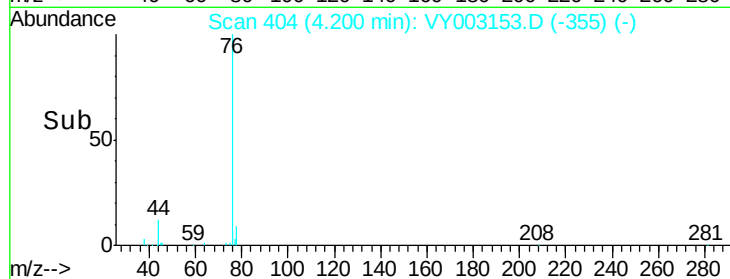
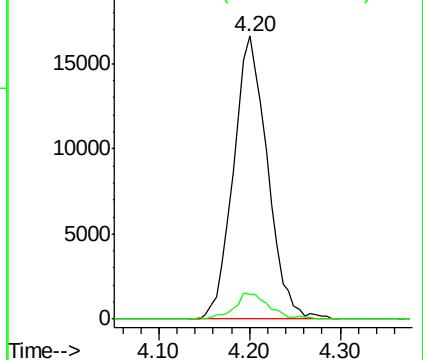
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 1.247 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.01 min

Lab File: VY003153.D

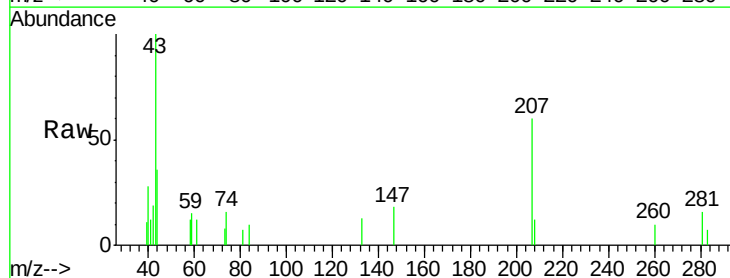
Acq: 09 Jul 2020 18:57

Tgt Ion: 43 Resp: 2330

Ion Ratio Lower Upper

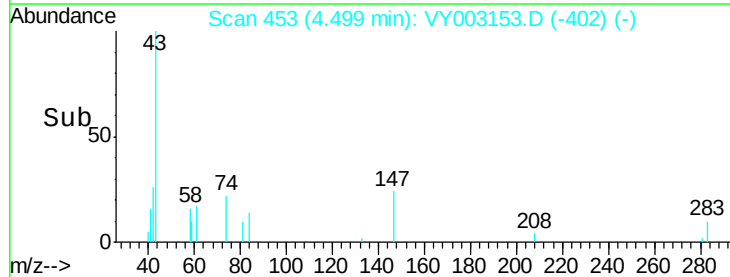
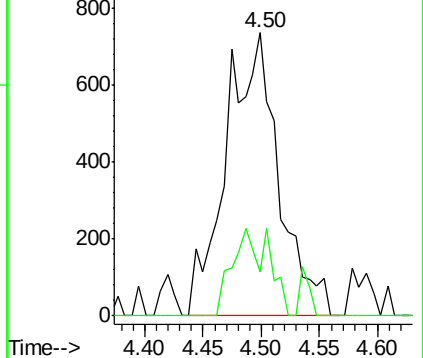
43 100

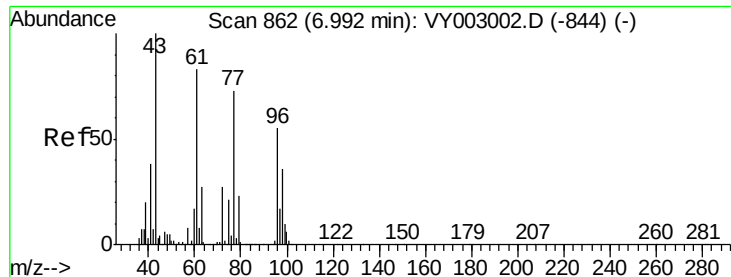
74 14.5 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

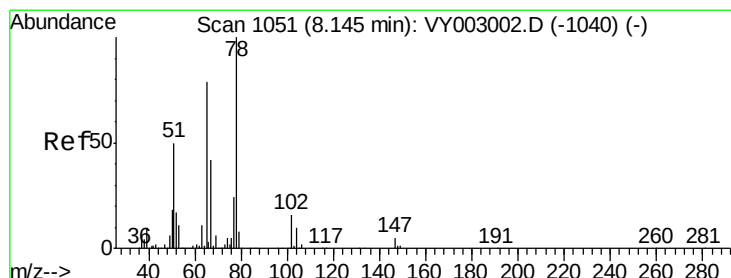
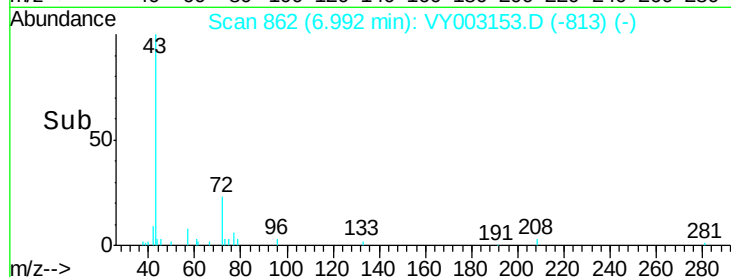
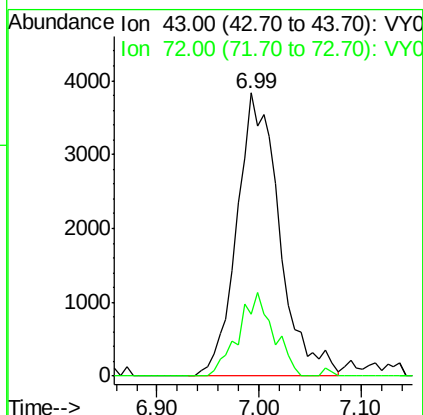
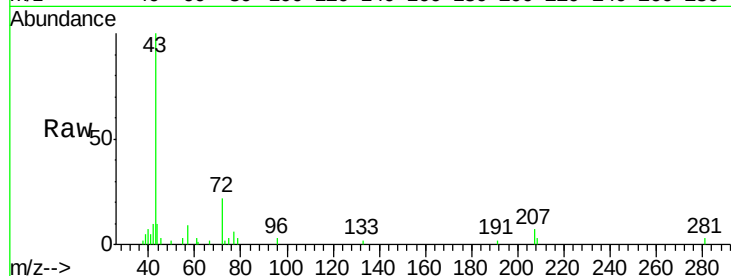




#25
2-Butanone
Concen: 10.080 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003153.D
Acq: 09 Jul 2020 18:57

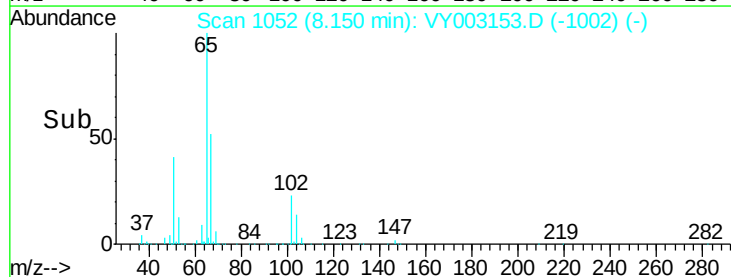
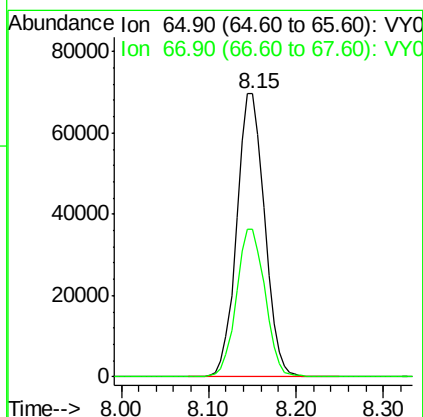
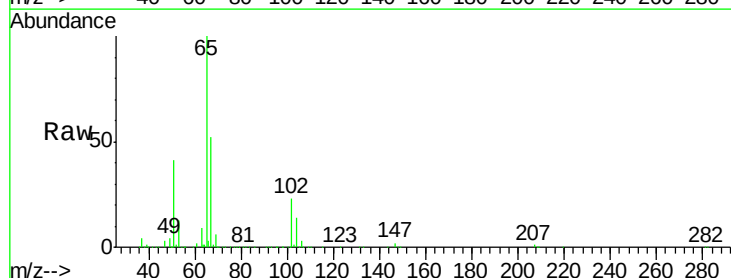
Instrument :
MSVOA_Y
ClientSampleId :
20200414-1

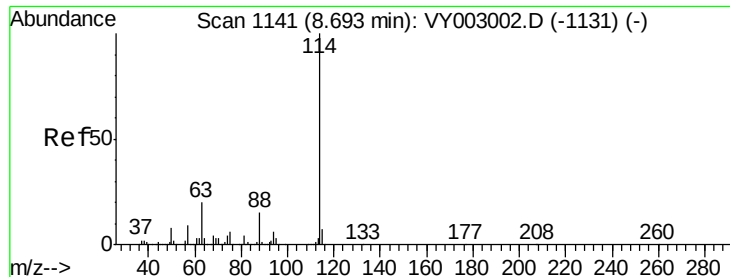
Tot Ion: 43 Resp: 11107
Ion Ratio Lower Upper
43 100
72 22.1 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 52.564 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003153.D
Acq: 09 Jul 2020 18:57

Tgt Ion: 65 Resp: 154591
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003153.D

Acq: 09 Jul 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

20200414-1

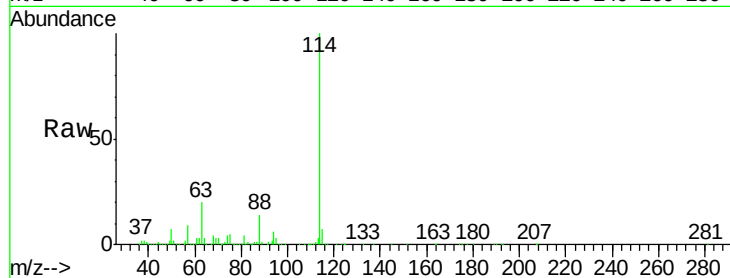
Tot Ion:114 Resp: 476445

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

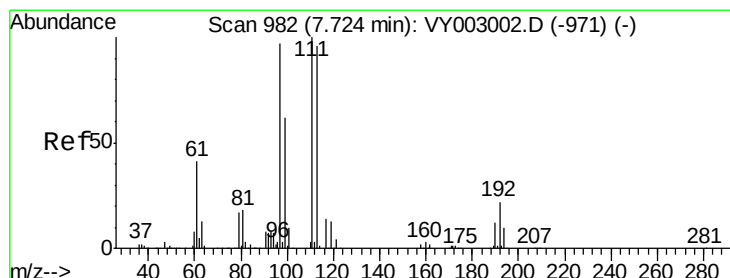
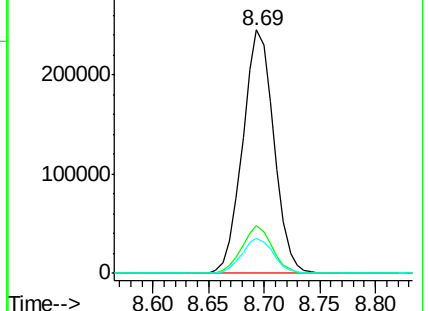
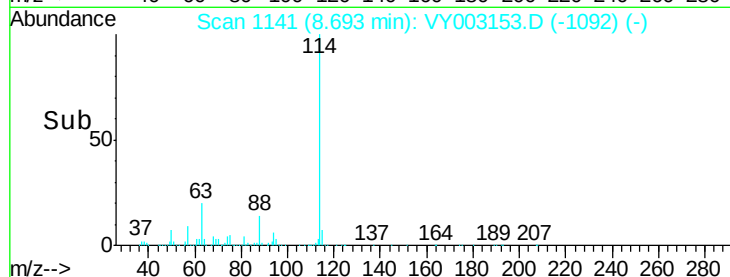
88 14.5 0.0 30.0



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: 52.943 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003153.D

Acq: 09 Jul 2020 18:57

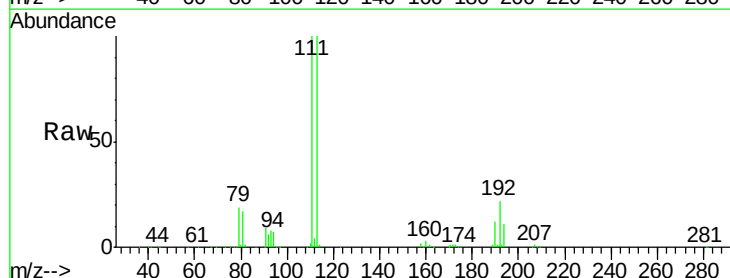
Tgt Ion:113 Resp: 157354

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

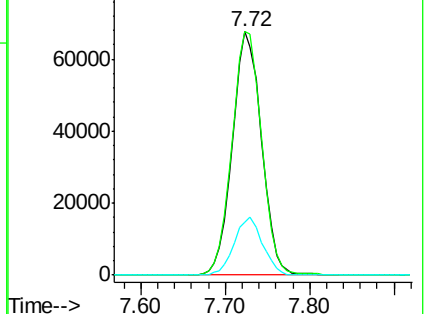
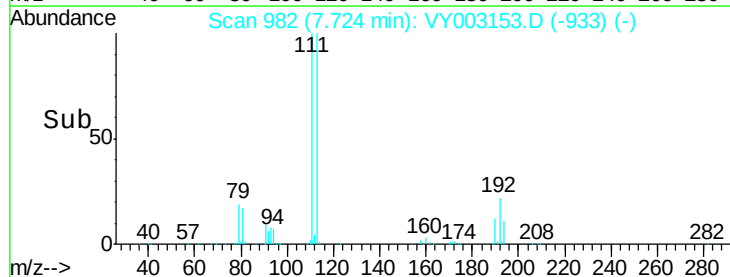
192 23.3 18.1 27.1

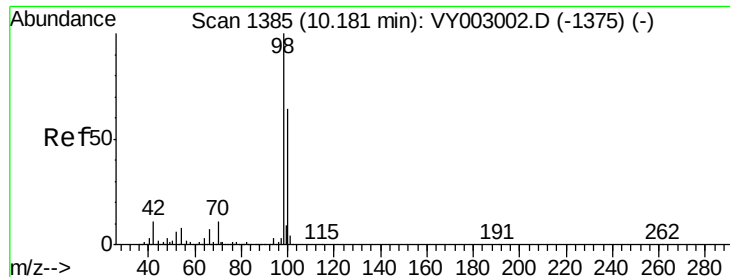


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.911 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003153.D

Acq: 09 Jul 2020 18:57

Instrument :

MSVOA_Y

ClientSampleId :

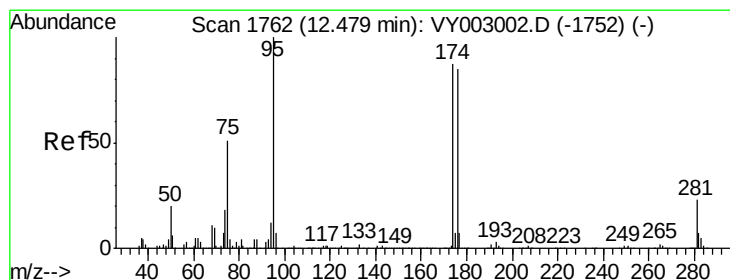
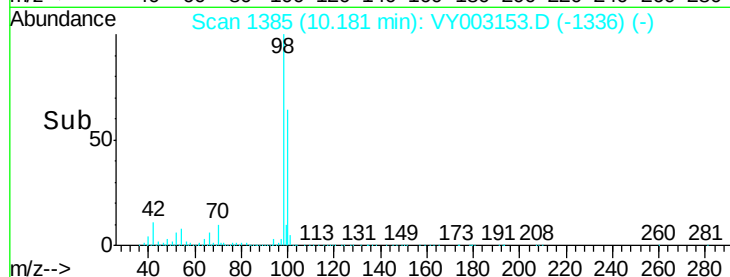
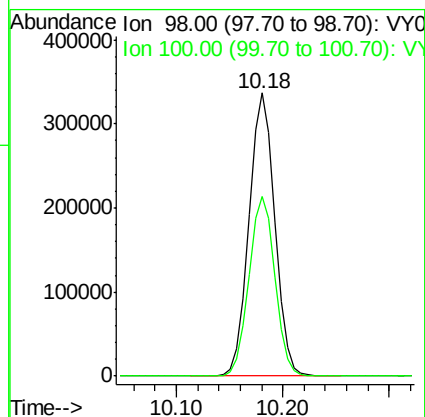
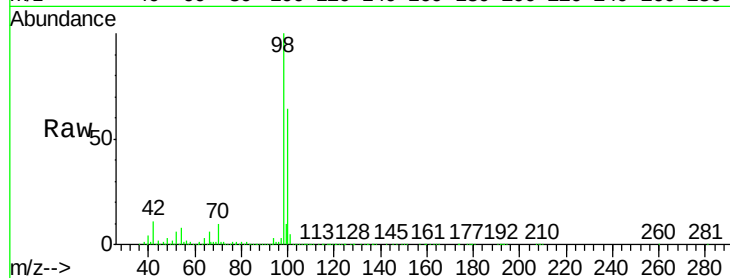
20200414-1

Tot Ion: 98 Resp: 574786

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 53.902 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003153.D

Acq: 09 Jul 2020 18:57

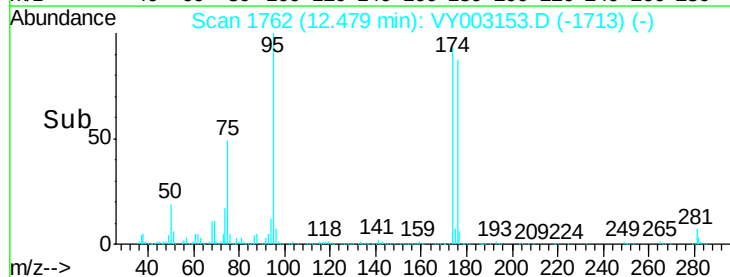
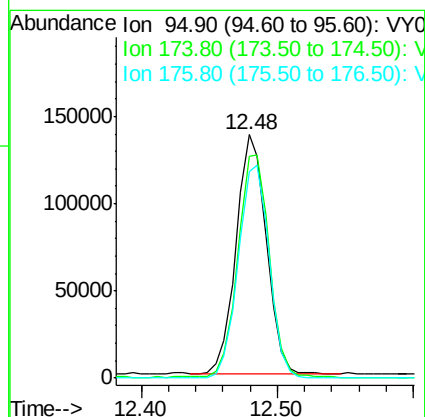
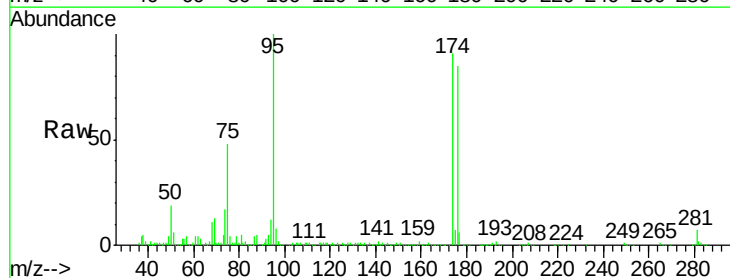
Tgt Ion: 95 Resp: 210086

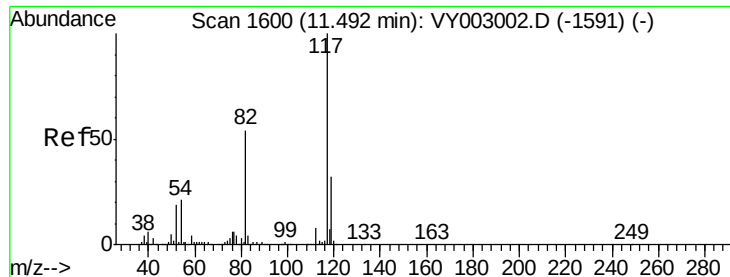
Ion Ratio Lower Upper

95 100

174 98.4 0.0 184.8

176 91.9 0.0 183.0

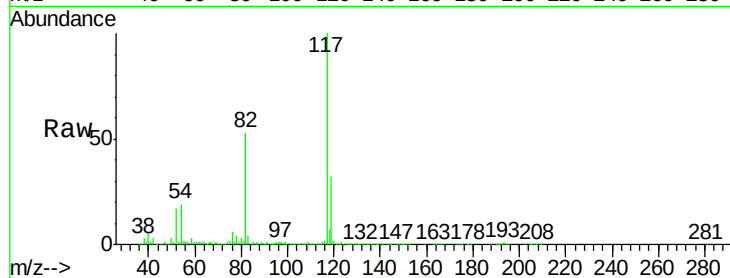




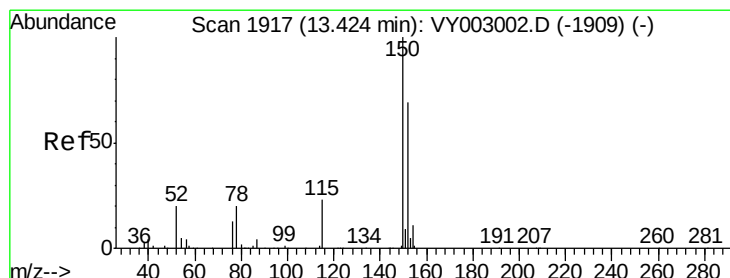
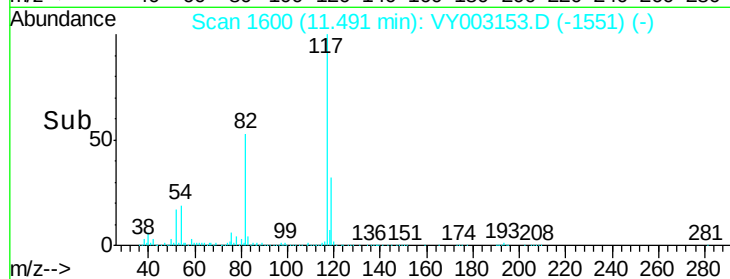
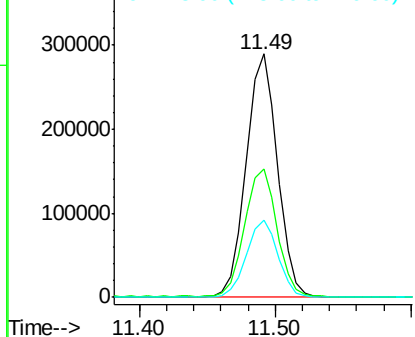
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003153.D
Acq: 09 Jul 2020 18:57

Instrument :
MSVOA_Y
ClientSampleId :
20200414-1

Tot Ion:117 Resp: 465913
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.6
119 31.5 25.8 38.8

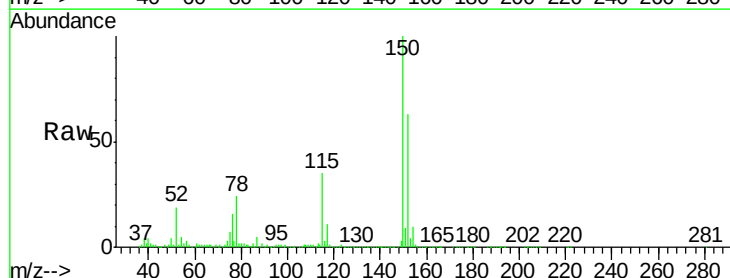


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003153.D
Acq: 09 Jul 2020 18:57

Tgt Ion:152 Resp: 230078
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.8 0.0 343.4



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

