

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002447.D
 Acq On : 21 Apr 2020 20:32
 Operator : SY/MD
 Sample : L2350-05
 Misc : 6.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-D2

Quant Time: Apr 22 04:54:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

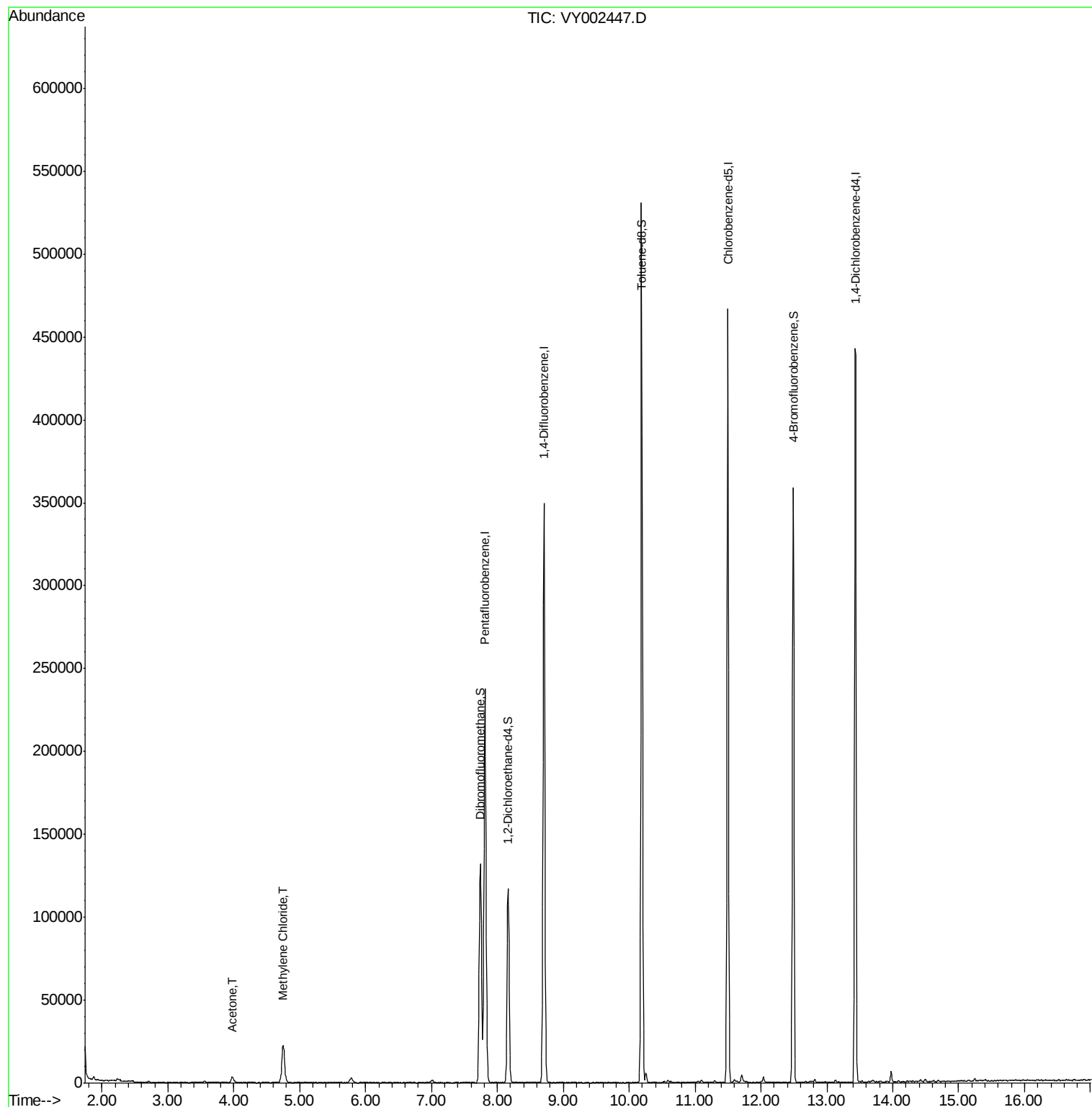
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	209898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86919	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
35) Dibromofluoromethane	7.74	113	92263	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.19	98	375079	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.49	95	111372	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
16) Acetone	3.98	43	5766	14.134	ug/l	93
20) Methylene Chloride	4.75	84	20072	8.793	ug/l #	85

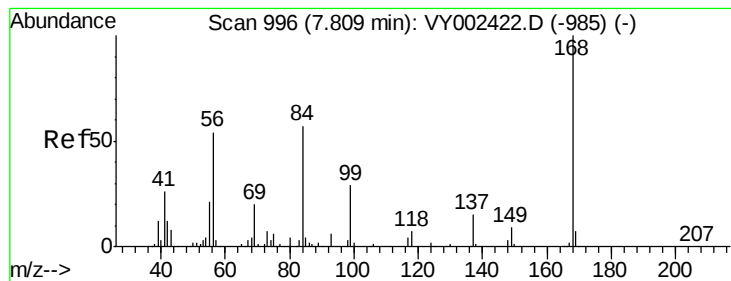
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampled :

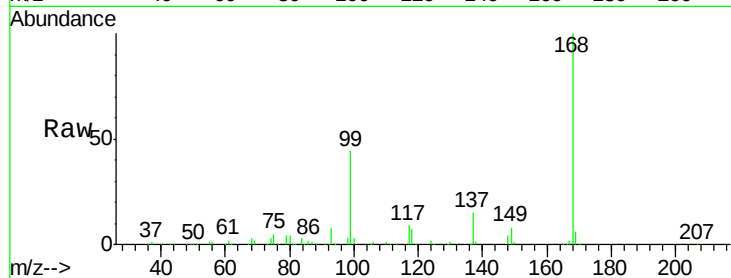
TP-5-D2

Tot Ion:168 Resp: 209898

Ion Ratio Lower Upper

168 100

99 43.8 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82

100000

80000

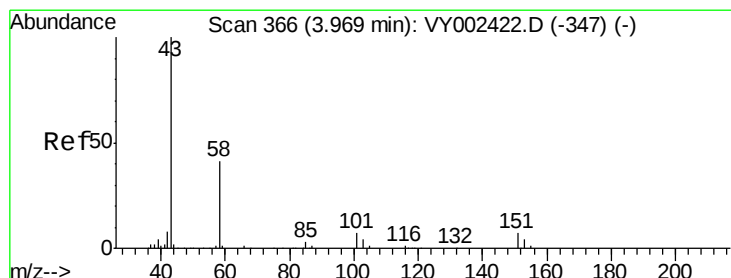
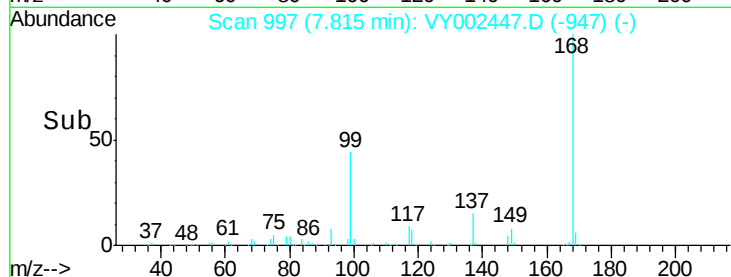
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 14.134 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002447.D

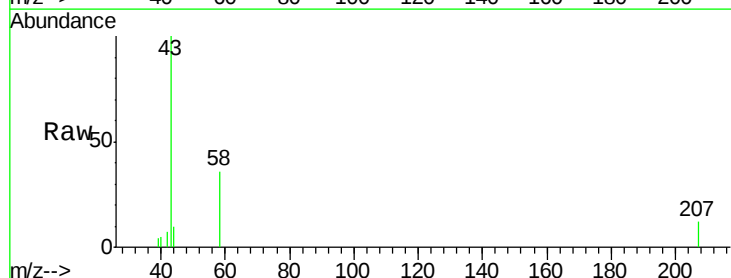
Acq: 21 Apr 2020 20:32

Tgt Ion: 43 Resp: 5766

Ion Ratio Lower Upper

43 100

58 36.3 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.98

2500

2000

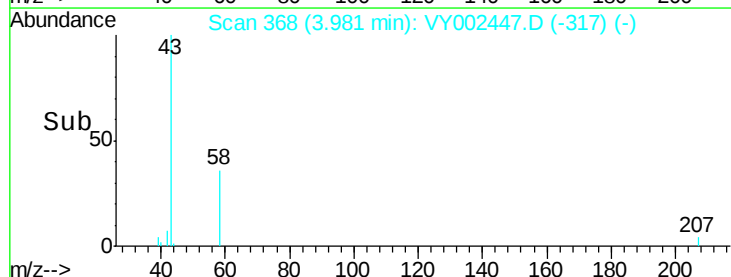
1500

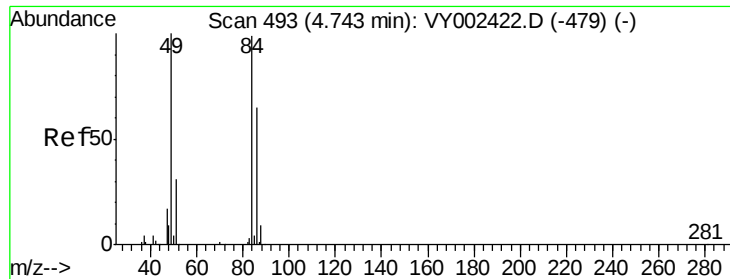
1000

500

0

Time-->

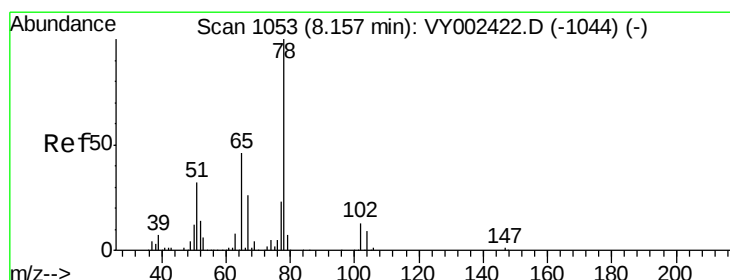
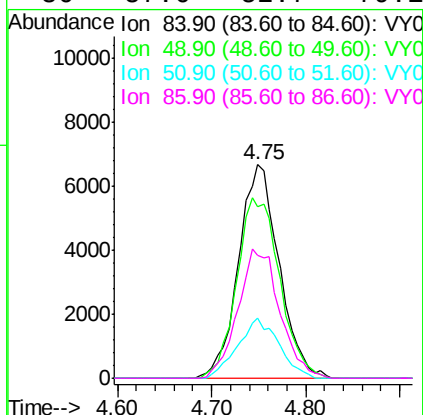
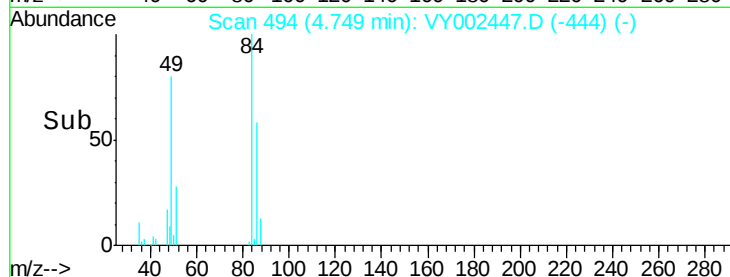
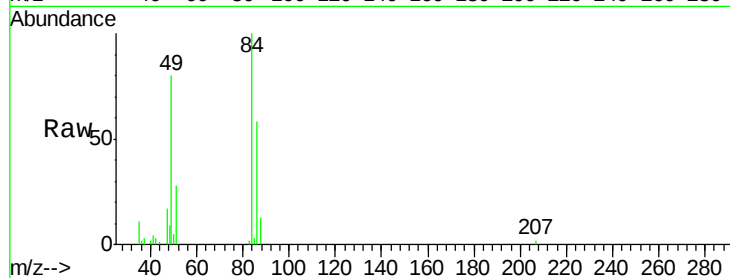




#20
Methvlene Chloride
Concen: 8.793 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

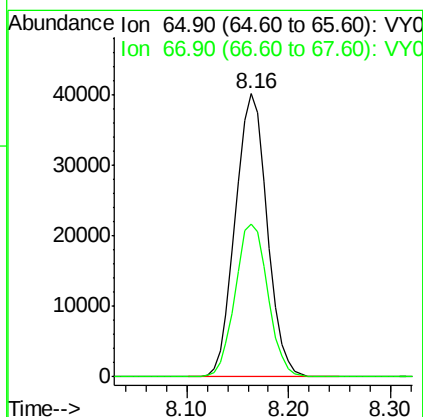
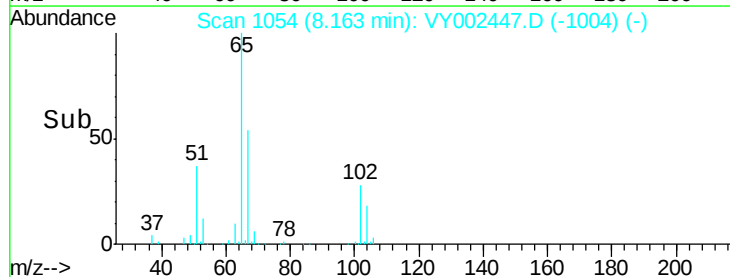
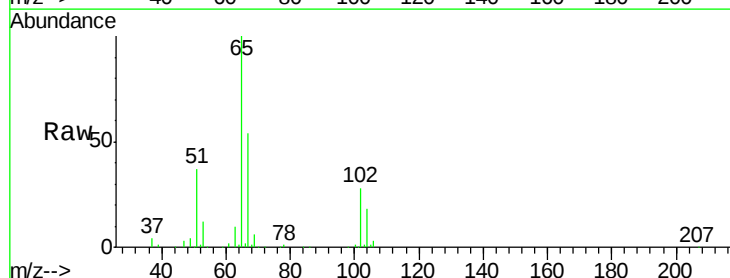
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-D2

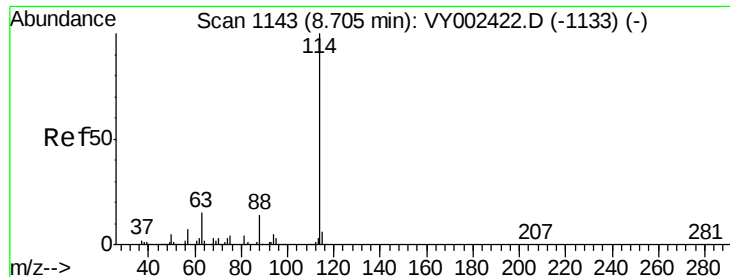
Tot Ion: 84 Resp: 20072
Ion Ratio Lower Upper
84 100
49 80.3 81.0 121.6#
51 28.4 24.9 37.3
86 57.6 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 56.936 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

Tgt Ion: 65 Resp: 86919
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0

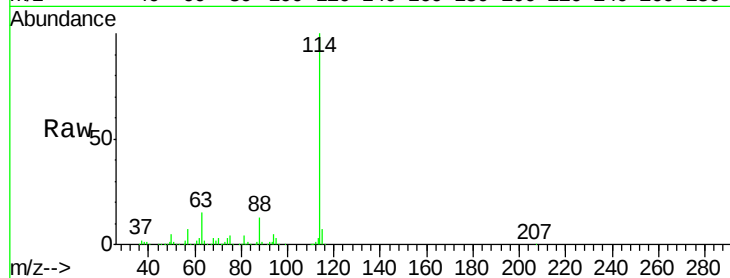




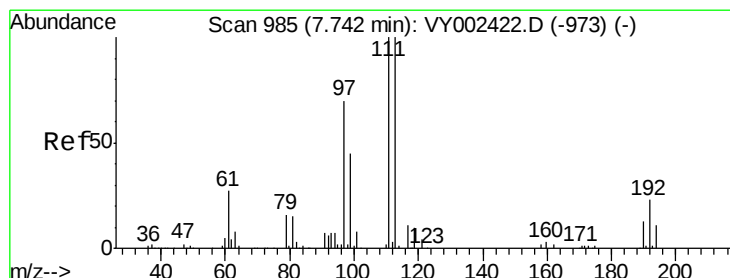
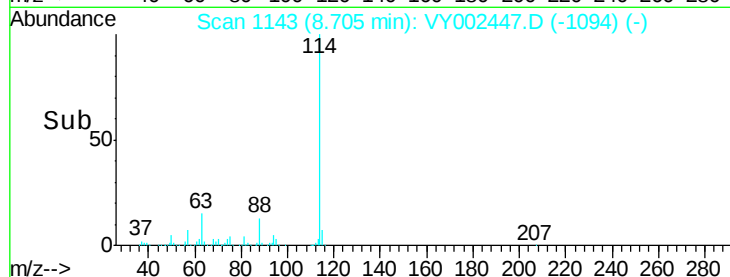
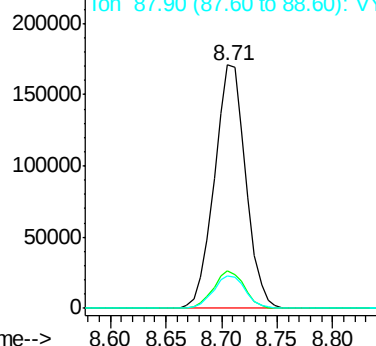
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-D2

Tot Ion:114 Resp: 333599
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.0
 88 13.5 0.0 28.2

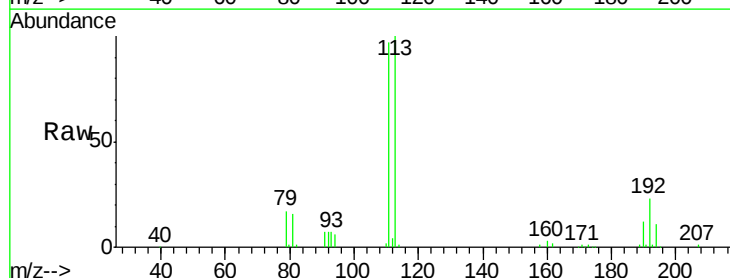


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

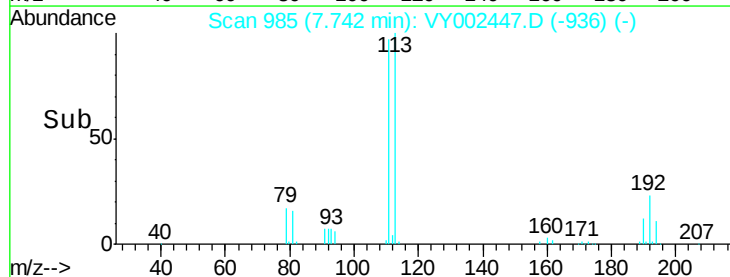
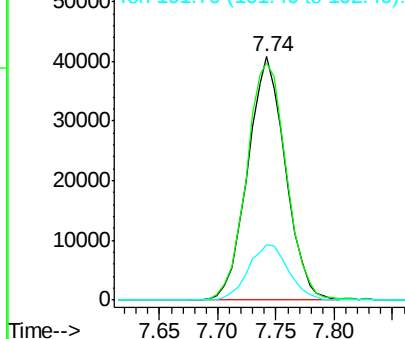


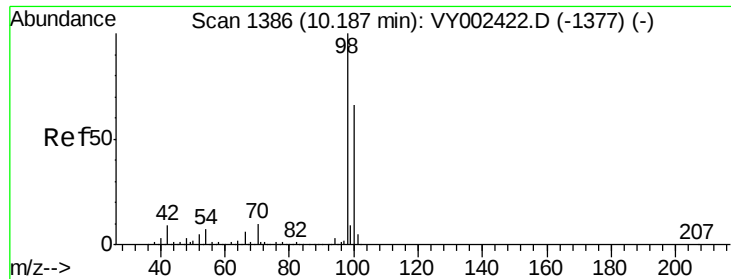
#35
 Dibromofluoromethane
 Concen: 52.581 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002447.D
 Acq: 21 Apr 2020 20:32

Tgt Ion:113 Resp: 92263
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 24.2 17.8 26.6



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

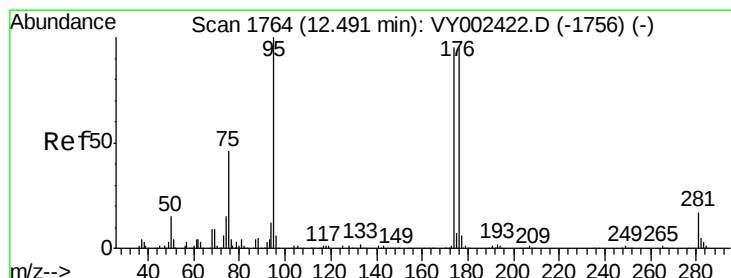
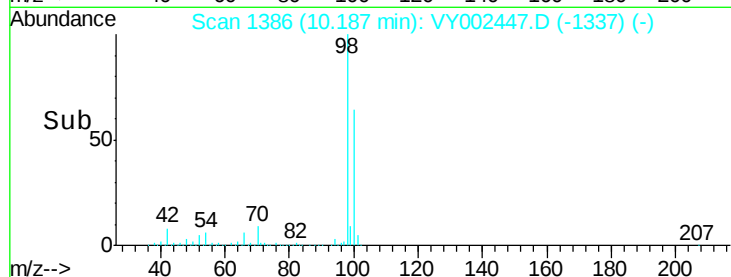
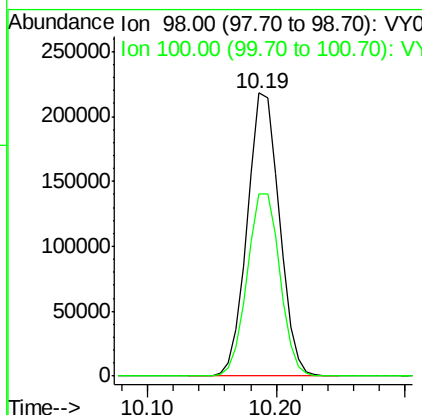
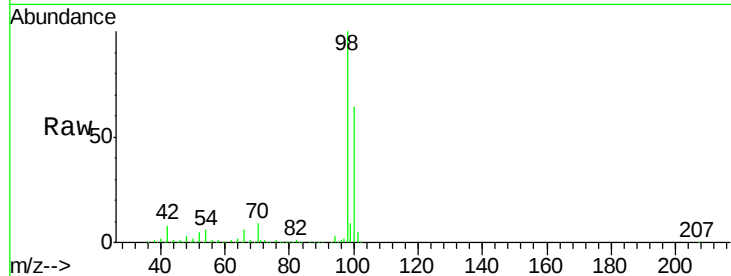




#50
Toluene-d8
Concen: 52.851 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

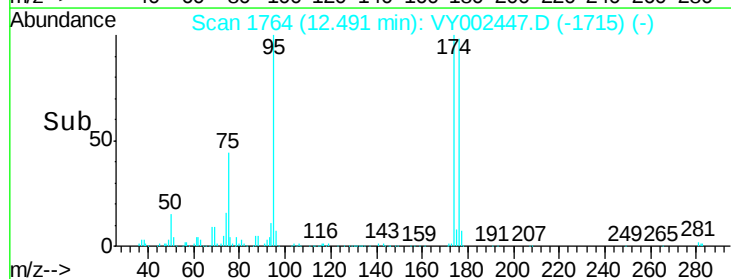
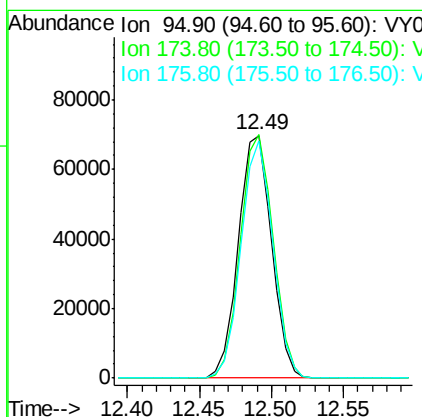
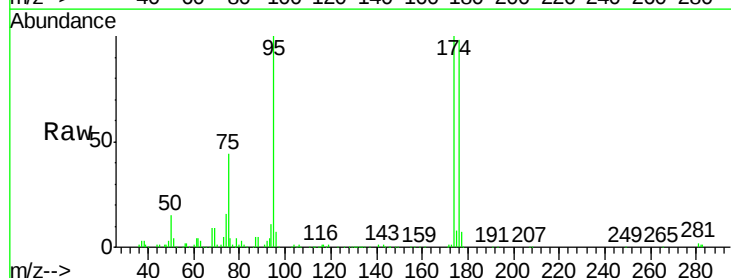
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-D2

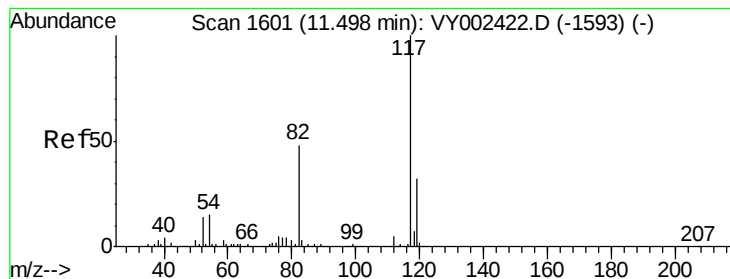
Tot Ion: 98 Resp: 375079
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002447.D
Acq: 21 Apr 2020 20:32

Tgt Ion: 95 Resp: 111372
Ion Ratio Lower Upper
95 100
174 99.1 0.0 185.8
176 93.9 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-D2

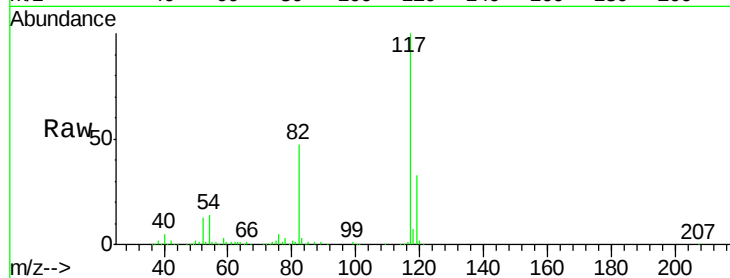
Tot Ion:117 Resp: 290946

Ion Ratio Lower Upper

117 100

82 47.4 38.4 57.6

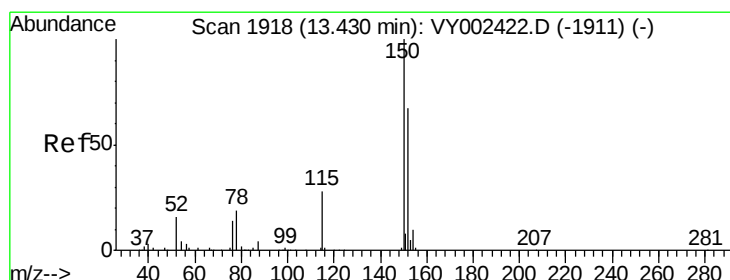
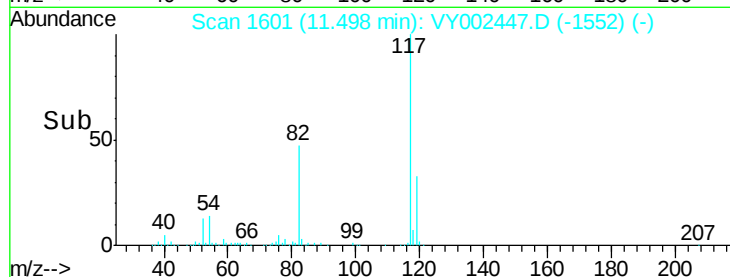
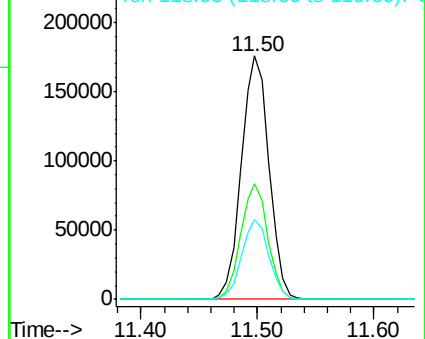
119 33.0 25.3 37.9



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002447.D

Acq: 21 Apr 2020 20:32

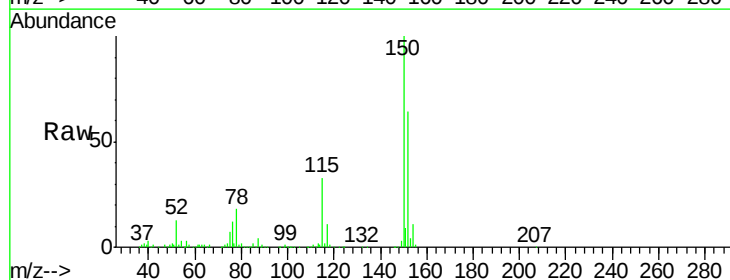
Tgt Ion:152 Resp: 129246

Ion Ratio Lower Upper

152 100

115 52.1 27.3 81.8

150 155.7 0.0 344.0



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

