

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002392.D
 Acq On : 17 Apr 2020 12:37
 Operator : SY/MD
 Sample : L2284-09
 Misc : 7.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(2-3)

Quant Time: Apr 18 06:36:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

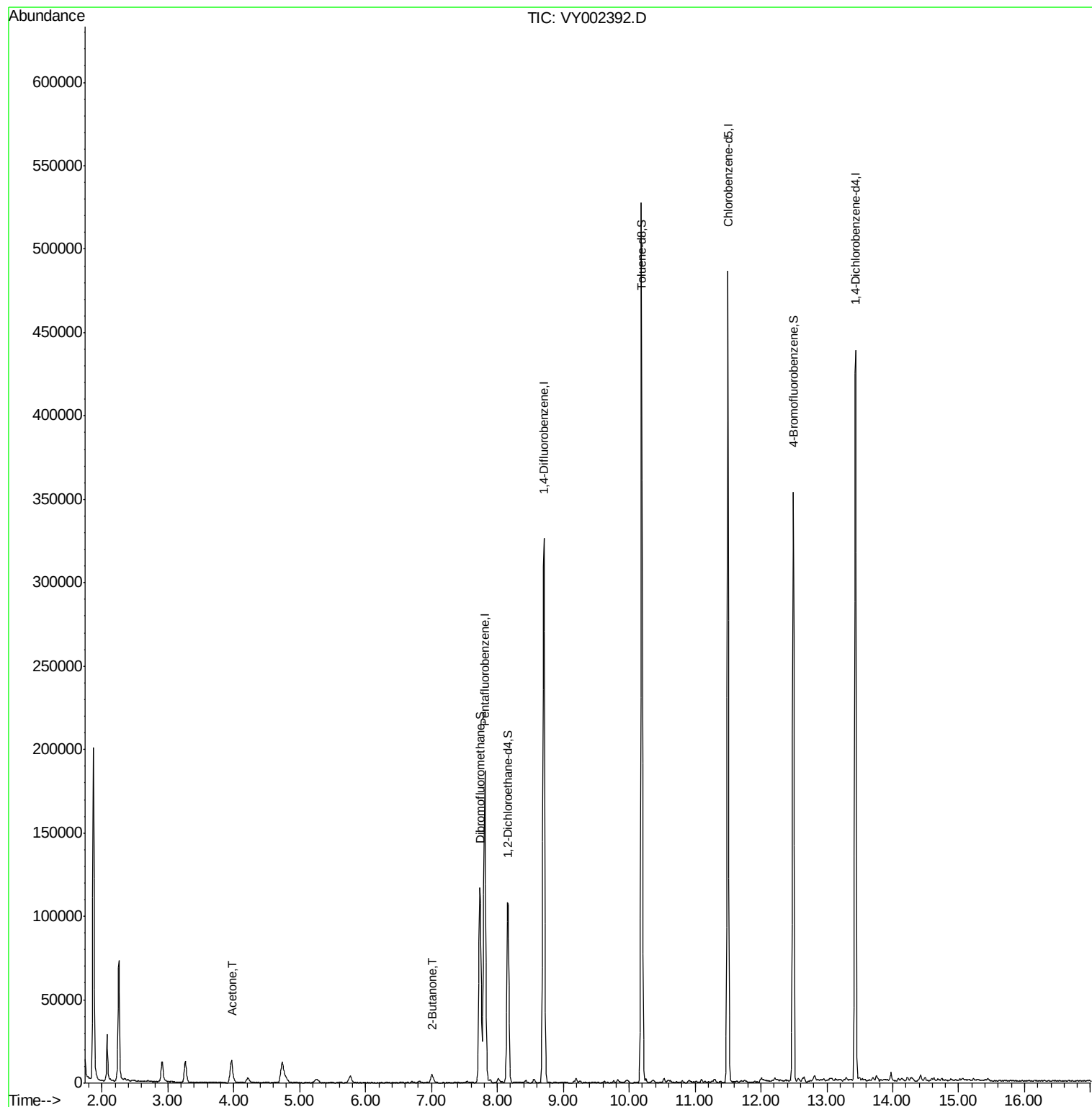
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	148281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77731	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	7.74	113	86732	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.19	98	356507	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.49	95	119681	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
Target Compounds						
16) Acetone	3.97	43	21074	48.522	ug/l	92
25) 2-Butanone	7.01	43	7613	11.076	ug/l	92

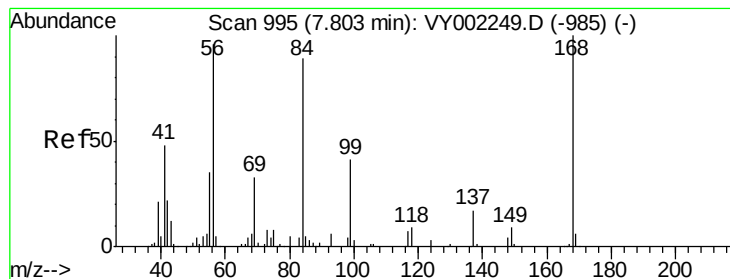
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002392.D

Acq: 17 Apr 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

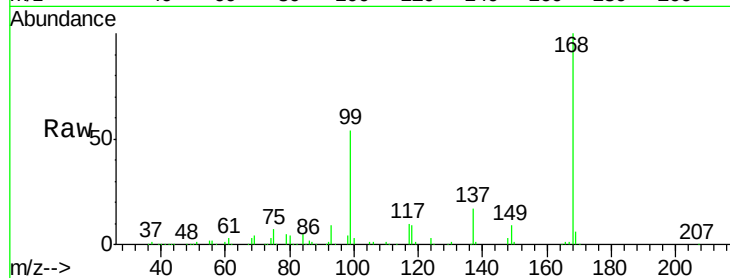
TP-12-(2-3)

Tot Ion:168 Resp: 148281

Ion Ratio Lower Upper

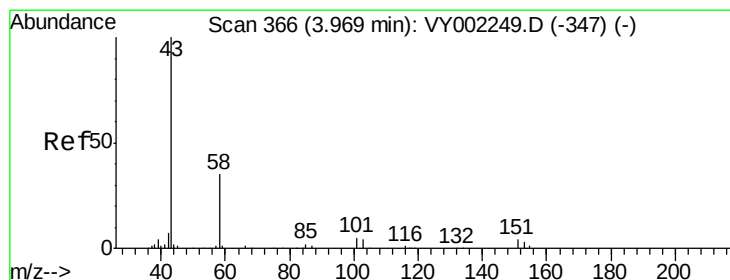
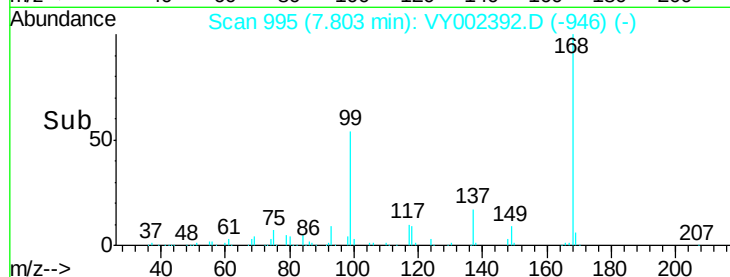
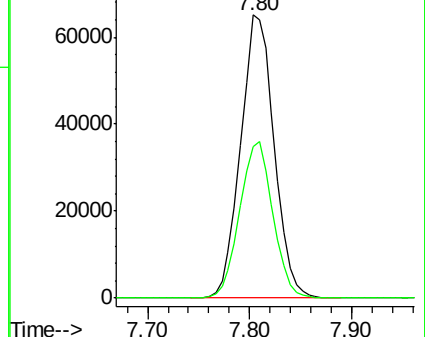
168 100

99 53.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 48.522 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002392.D

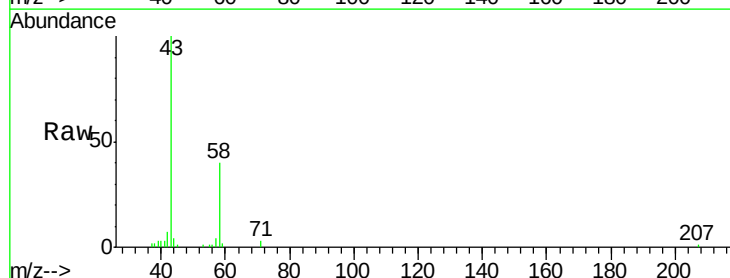
Acq: 17 Apr 2020 12:37

Tgt Ion: 43 Resp: 21074

Ion Ratio Lower Upper

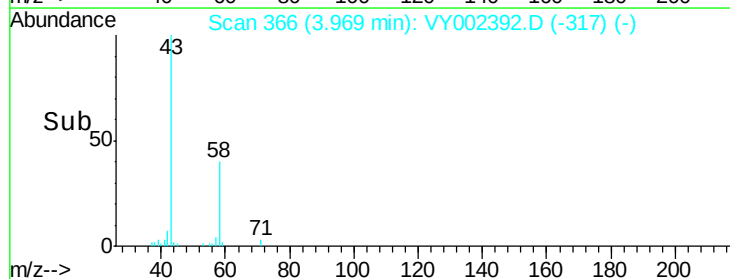
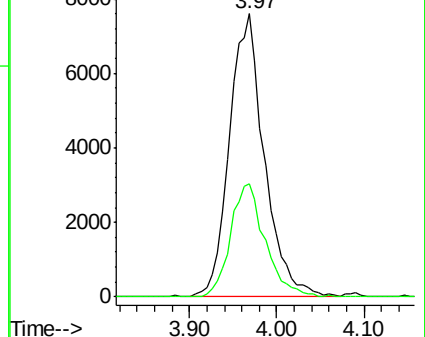
43 100

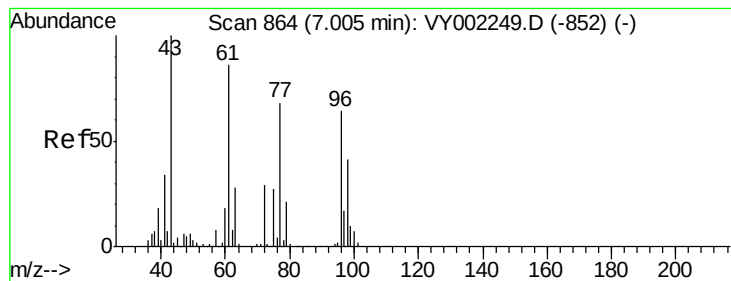
58 40.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#25

2-Butanone

Concen: 11.076 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002392.D

Acq: 17 Apr 2020 12:37

Instrument :

MSVOA_Y

ClientSampled :

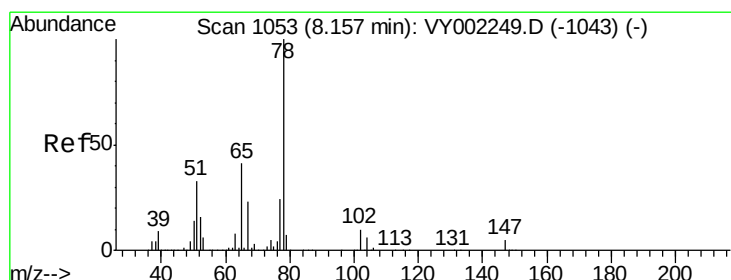
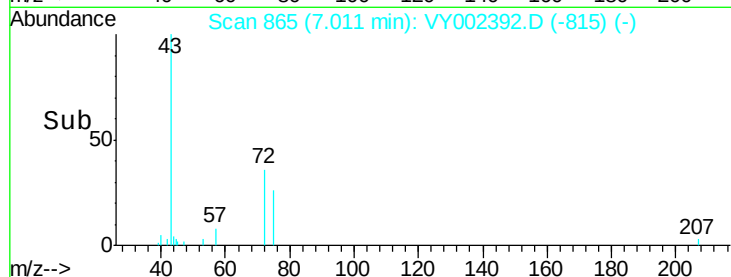
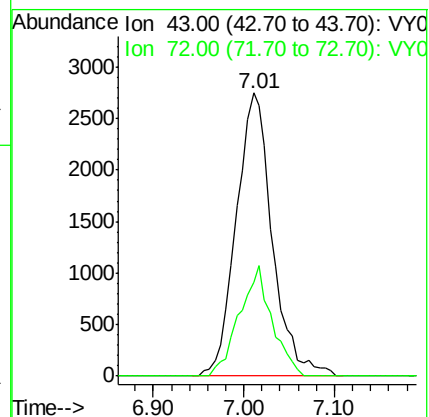
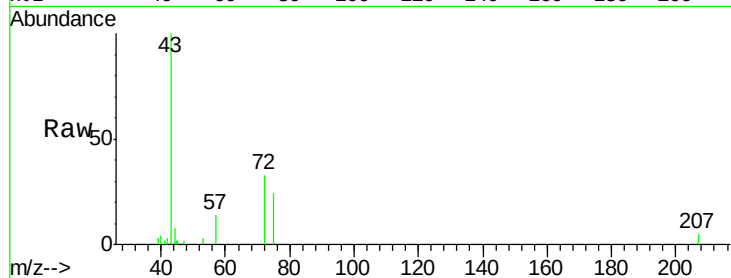
TP-12-(2-3)

Tot Ion: 43 Resp: 7613

Ion Ratio Lower Upper

43 100

72 33.4 23.2 34.8



#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002392.D

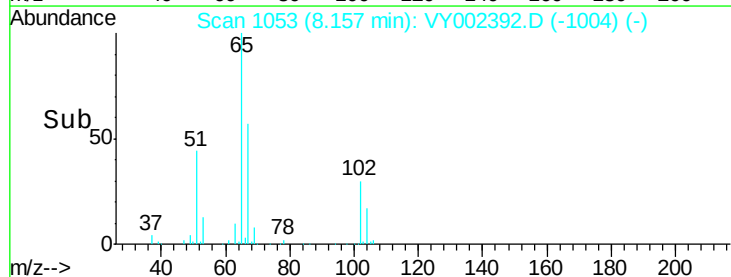
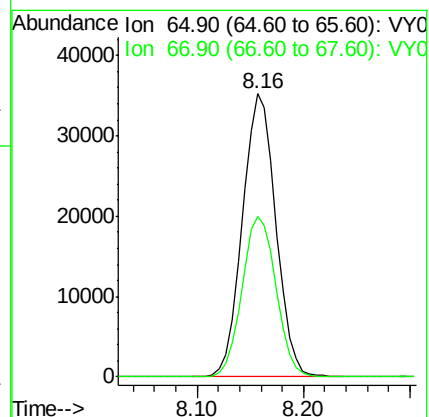
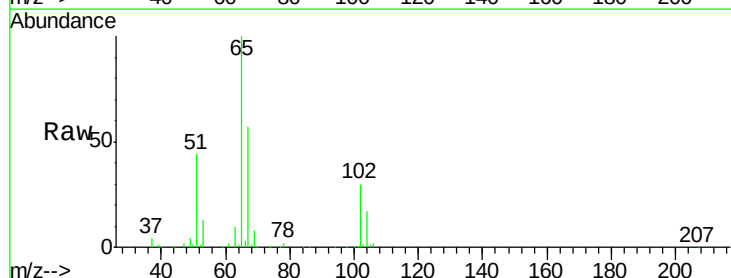
Acq: 17 Apr 2020 12:37

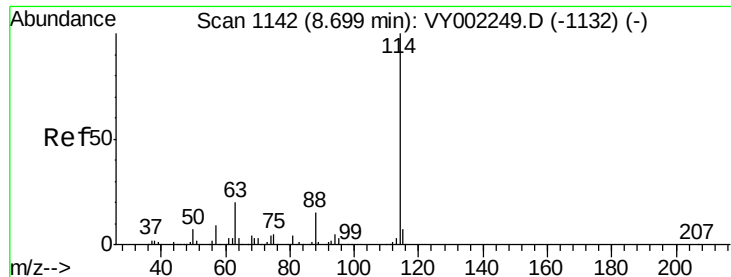
Tgt Ion: 65 Resp: 77731

Ion Ratio Lower Upper

65 100

67 57.6 0.0 114.0

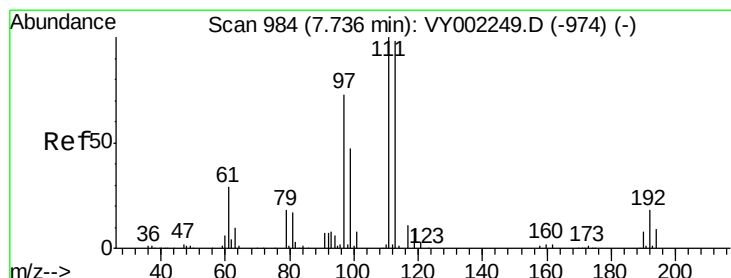
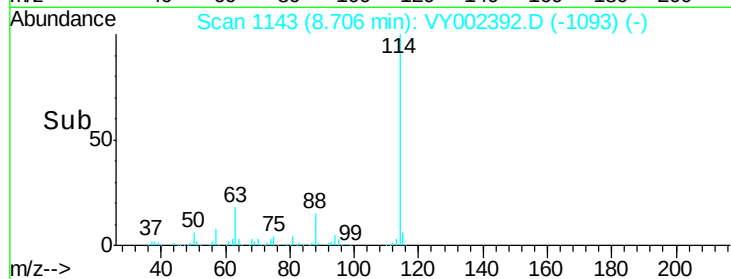
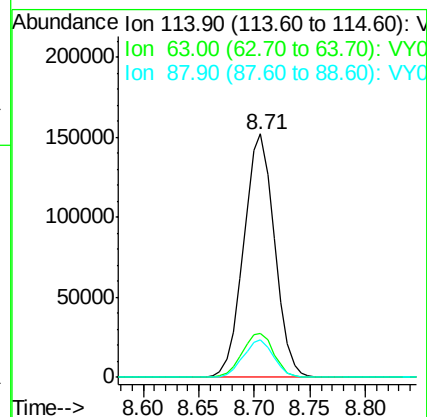
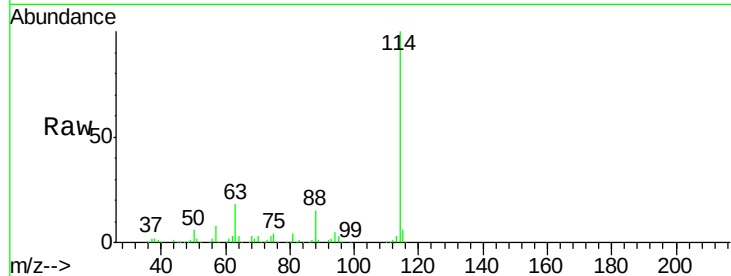




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002392.D
 Acq: 17 Apr 2020 12:37

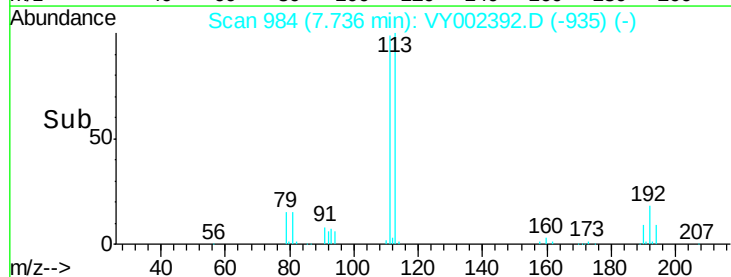
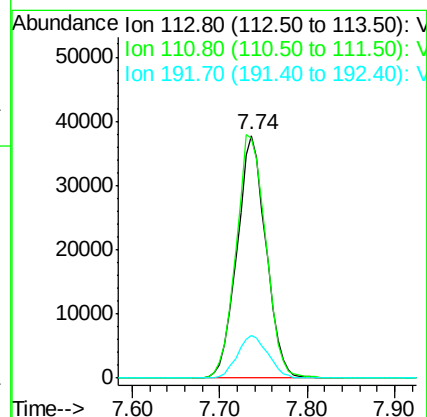
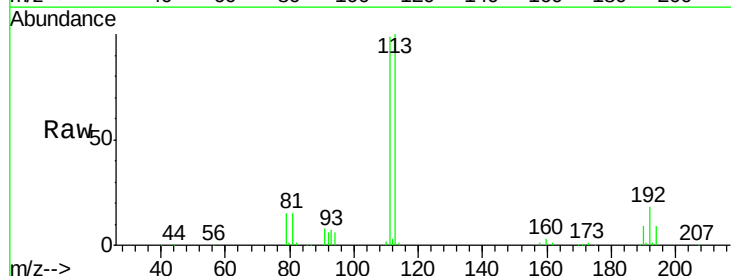
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-(2-3)

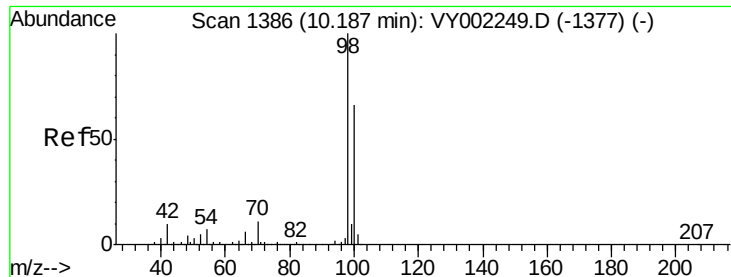
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.0
88	15.3	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 49.950 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002392.D
 Acq: 17 Apr 2020 12:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	18.5	14.7	22.1





#50

Toluene-d8

Concen: 49.053 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002392.D

Acq: 17 Apr 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

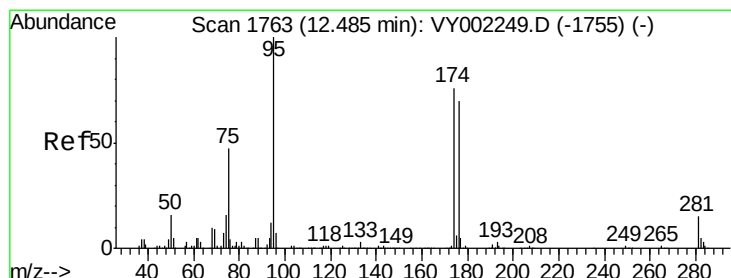
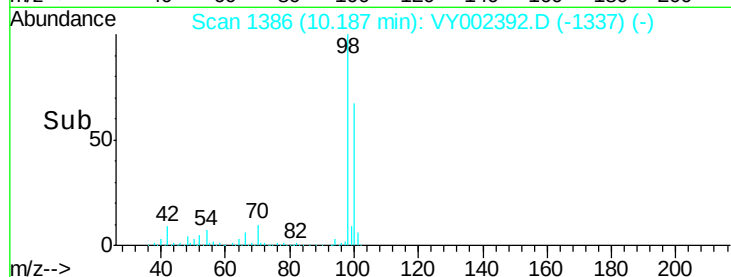
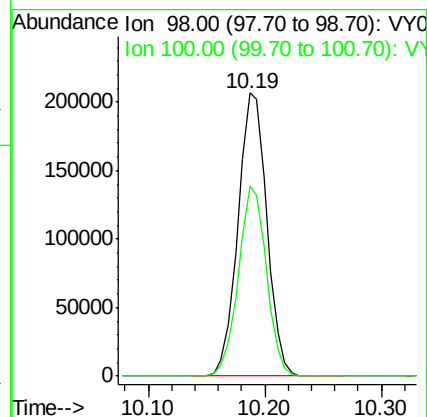
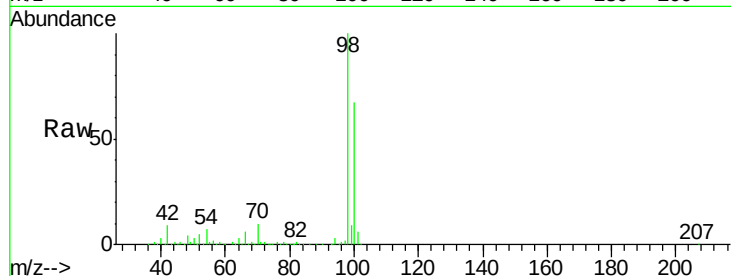
TP-12-(2-3)

Tot Ion: 98 Resp: 356507

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.914 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002392.D

Acq: 17 Apr 2020 12:37

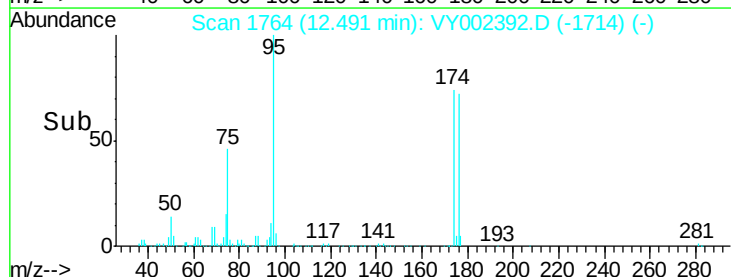
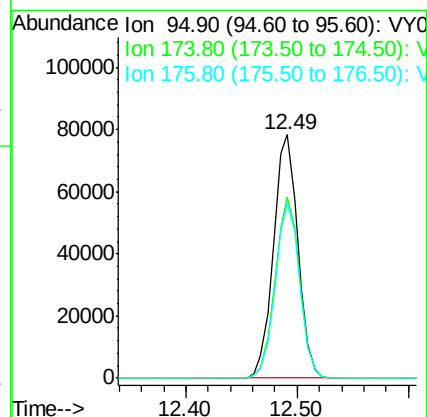
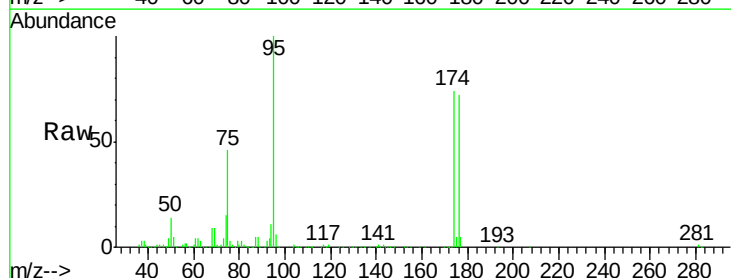
Tgt Ion: 95 Resp: 119681

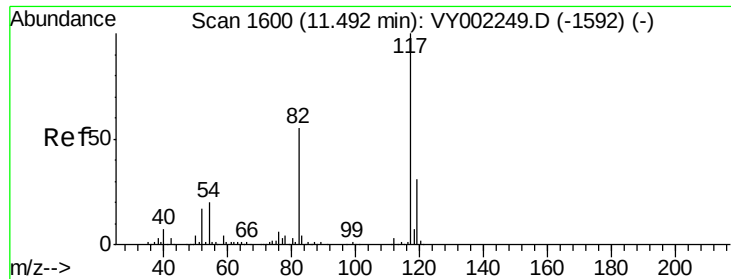
Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.6

176 71.3 0.0 141.4

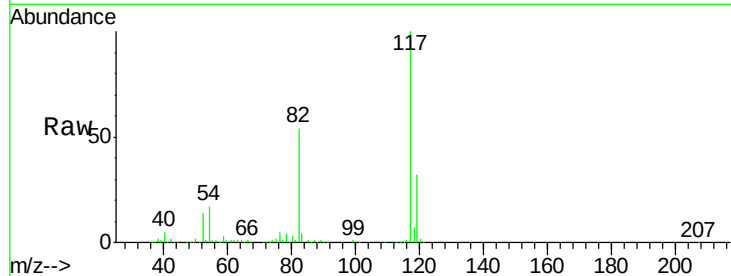




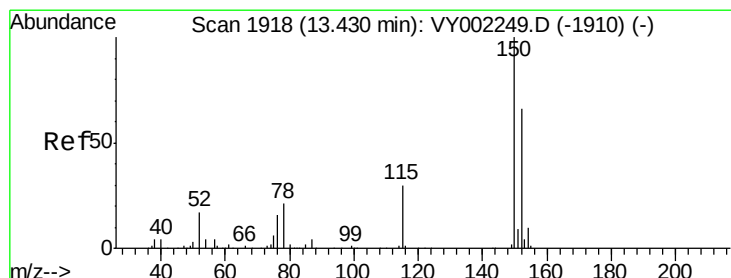
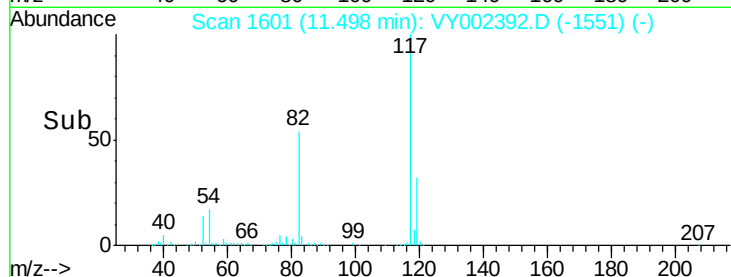
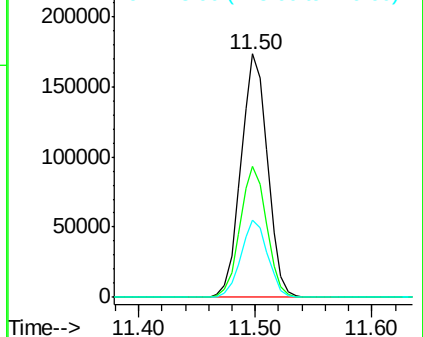
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002392.D
Acq: 17 Apr 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(2-3)

Tot Ion:117 Resp: 275281
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.4
119 31.5 25.1 37.7

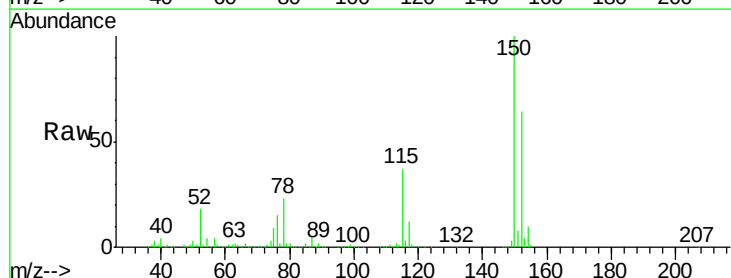


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002392.D
Acq: 17 Apr 2020 12:37

Tgt Ion:152 Resp: 114615
Ion Ratio Lower Upper
152 100
115 59.1 30.7 92.1
150 157.9 0.0 350.6



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

