

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002233.D
 Acq On : 06 Apr 2020 13:47
 Operator : SY/MD
 Sample : L2166-01
 Misc : 6.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-47

Quant Time: Apr 07 05:06:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

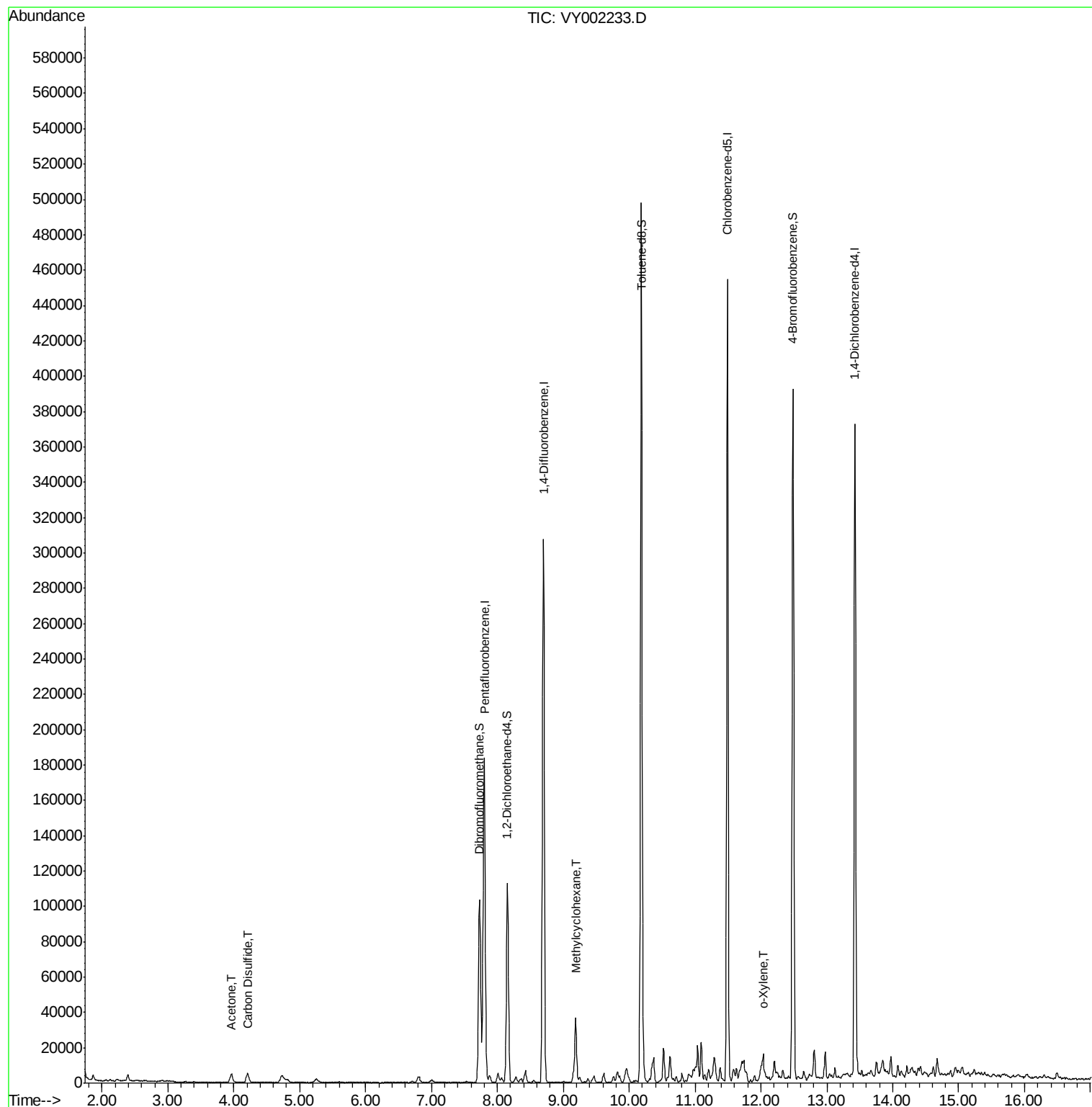
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	132644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	261272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	235892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	90202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84580	57.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	7.73	113	74875	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	10.18	98	316846	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.49	95	103124	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
16) Acetone	3.97	43	8023	19.475	ug/l	96
17) Carbon Disulfide	4.21	76	9491	1.987	ug/l	95
39) Methylcyclohexane	9.19	83	15320	4.726	ug/l	96
69) o-Xylene	12.03	106	3339	1.126	ug/l	96

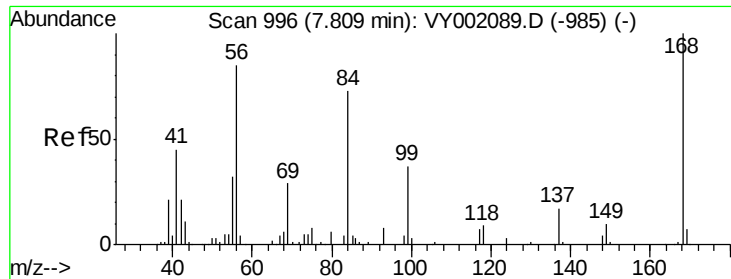
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002233.D

Acq: 06 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

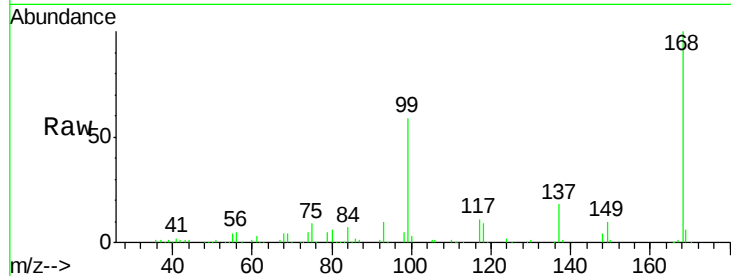
TP-47

Tot Ion:168 Resp: 132644

Ion Ratio Lower Upper

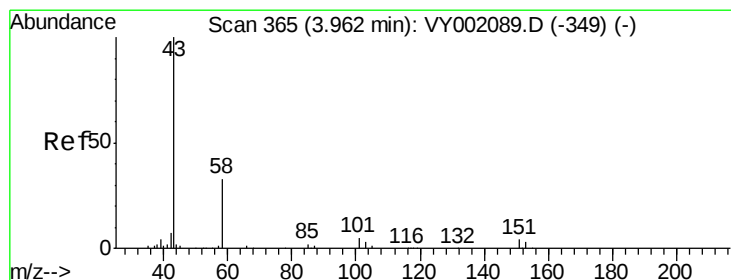
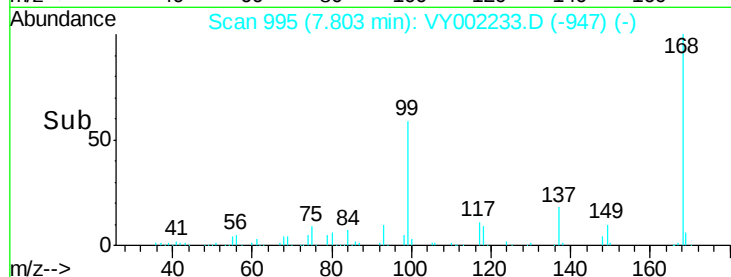
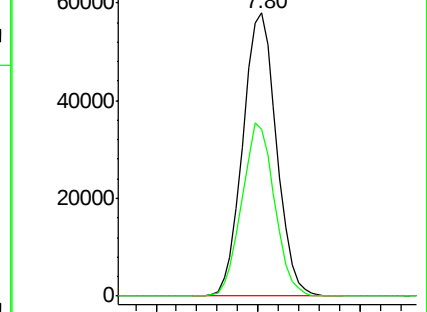
168 100

99 58.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#16

Acetone

Concen: 19.475 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002233.D

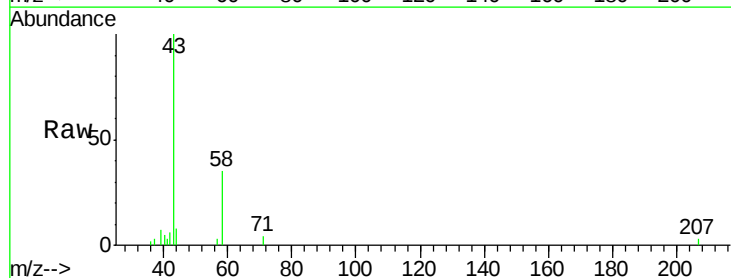
Acq: 06 Apr 2020 13:47

Tgt Ion: 43 Resp: 8023

Ion Ratio Lower Upper

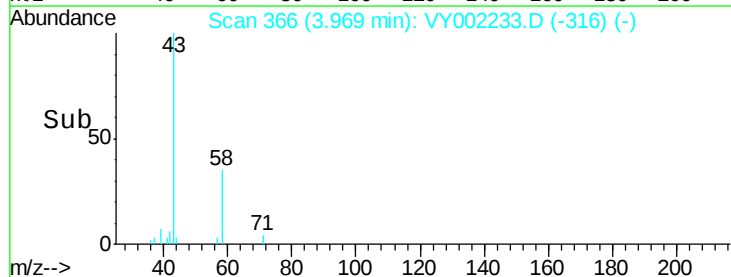
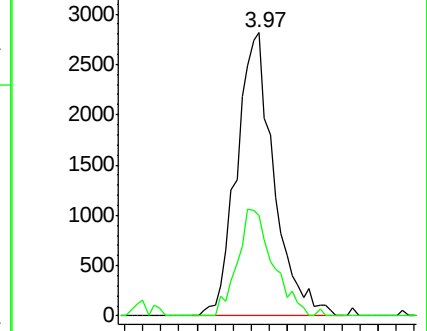
43 100

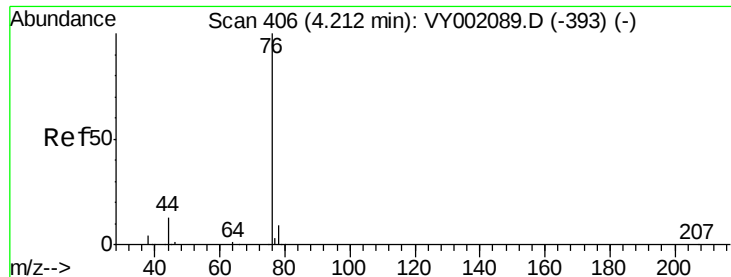
58 35.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

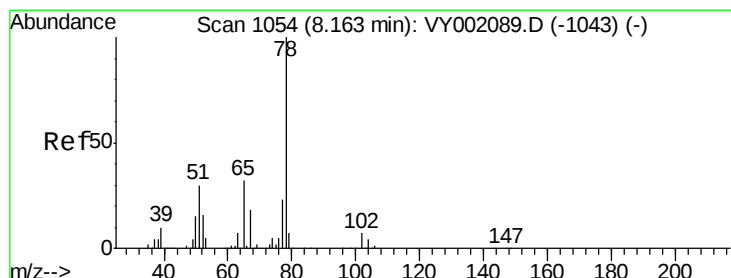
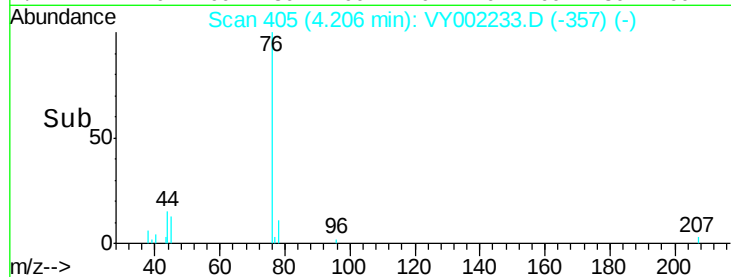
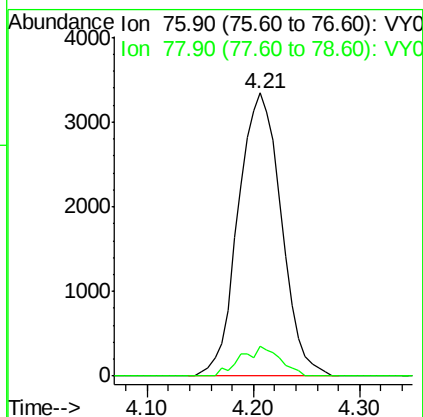
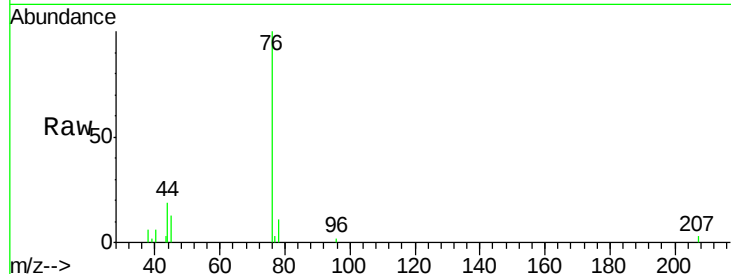




#17
Carbon Disulfide
Concen: 1.987 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

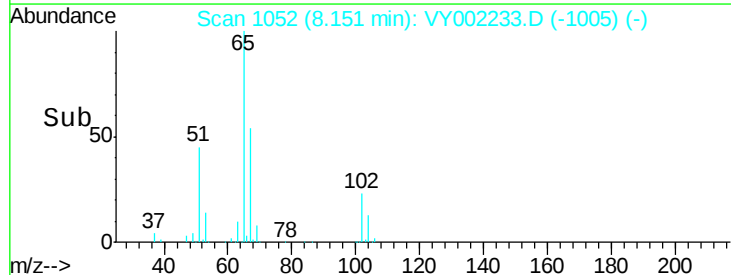
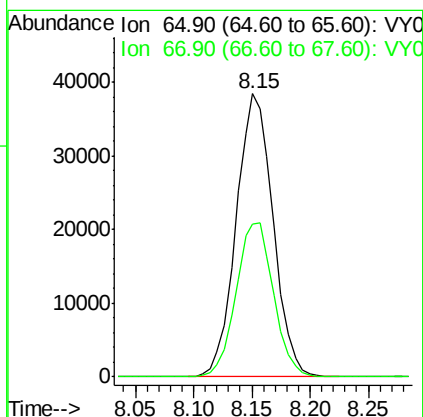
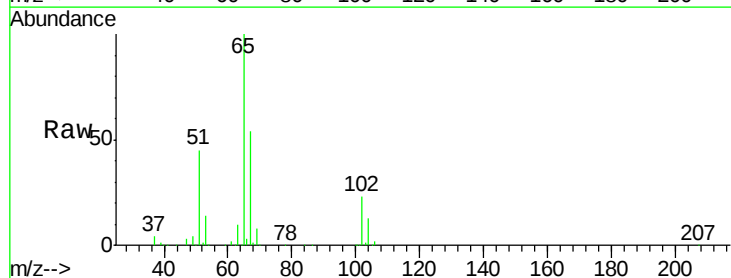
Instrument :
MSVOA_Y
ClientSampleId :
TP-47

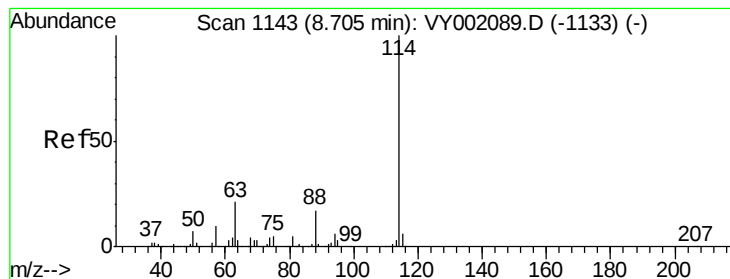
Tot Ion: 76 Resp: 9491
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 57.681 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

Tgt Ion: 65 Resp: 84580
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002233.D

Acq: 06 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-47

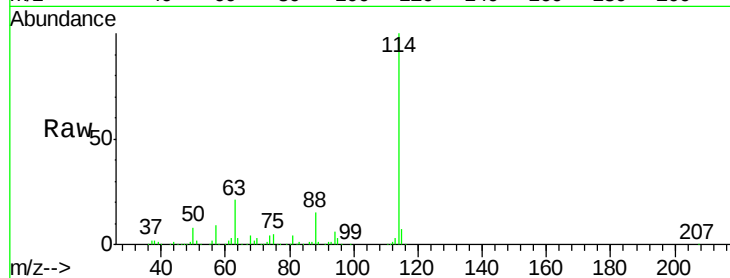
Tot Ion:114 Resp: 261272

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

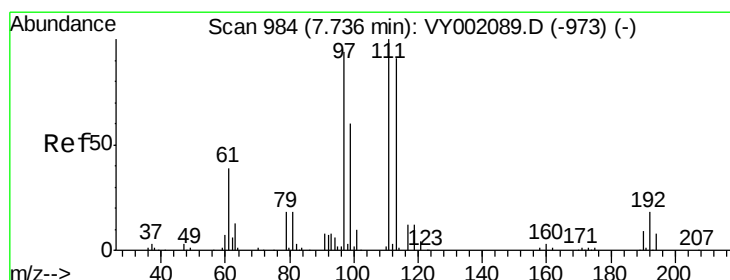
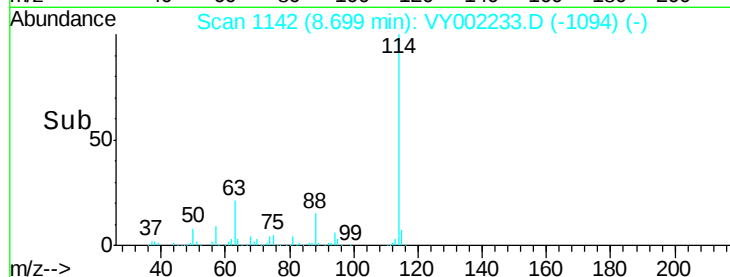
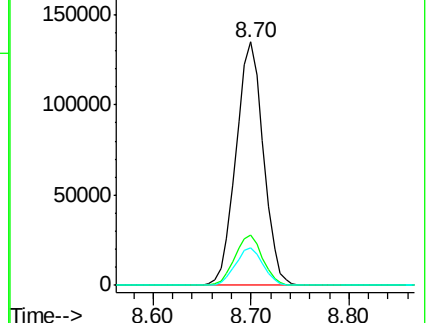
88 15.4 0.0 33.0



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: 51.146 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002233.D

Acq: 06 Apr 2020 13:47

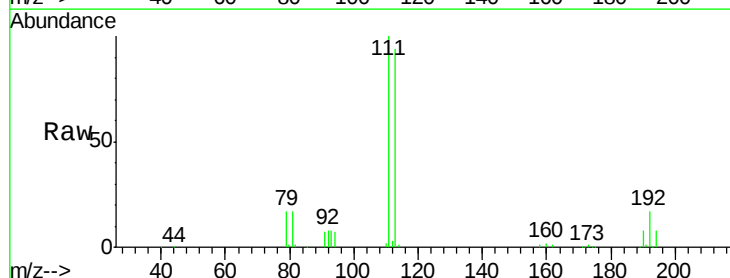
Tgt Ion:113 Resp: 74875

Ion Ratio Lower Upper

113 100

111 103.4 84.4 126.6

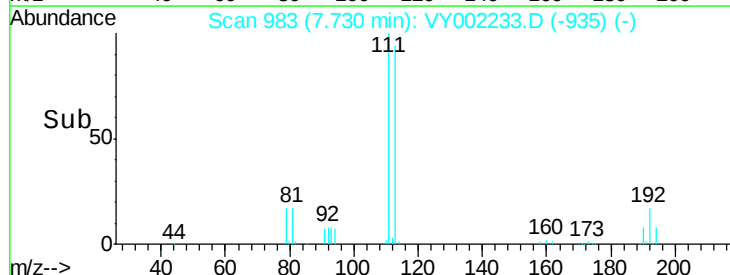
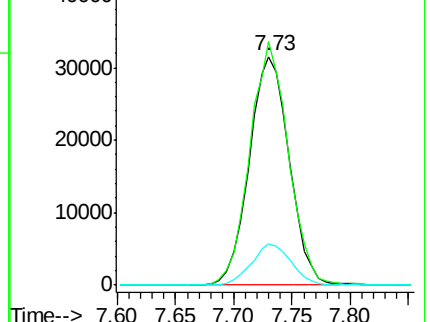
192 17.9 14.6 21.8

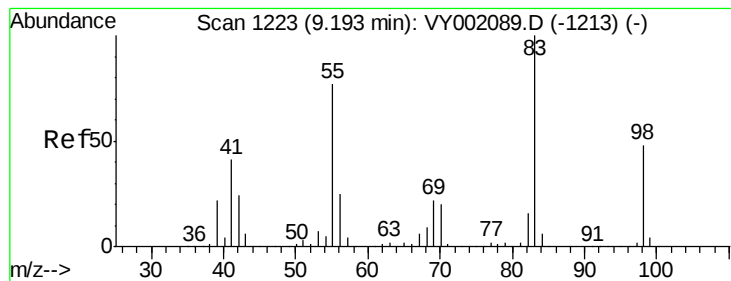


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methvlcvclohexane

Concen: 4.726 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VY002233.D

Acq: 06 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-47

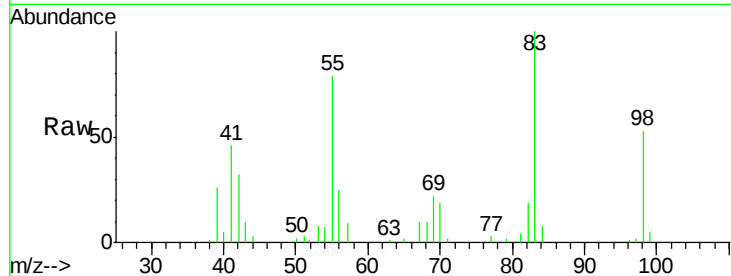
Tot Ion: 83 Resp: 15320

Ion Ratio Lower Upper

83 100

55 78.6 61.2 91.8

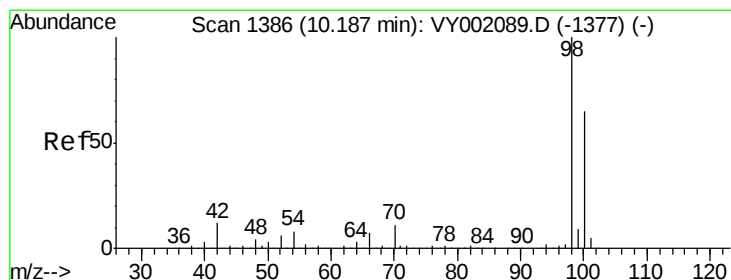
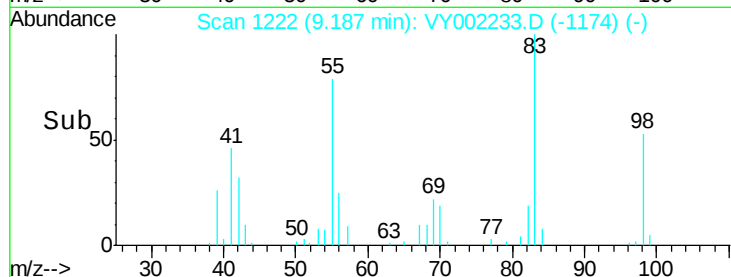
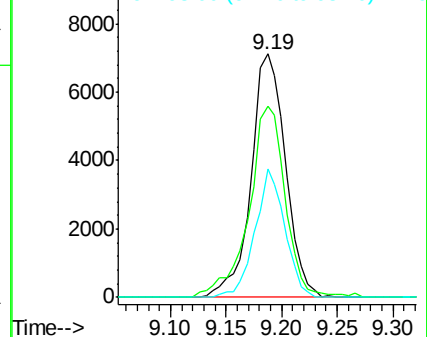
98 52.6 38.2 57.2



Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#50

Toluene-d8

Concen: 52.099 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002233.D

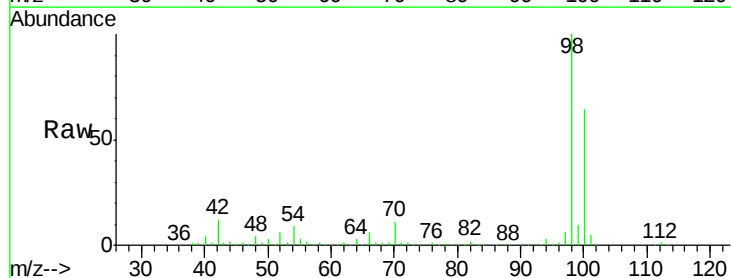
Acq: 06 Apr 2020 13:47

Tgt Ion: 98 Resp: 316846

Ion Ratio Lower Upper

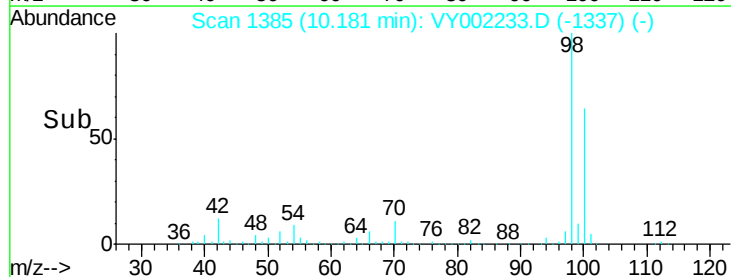
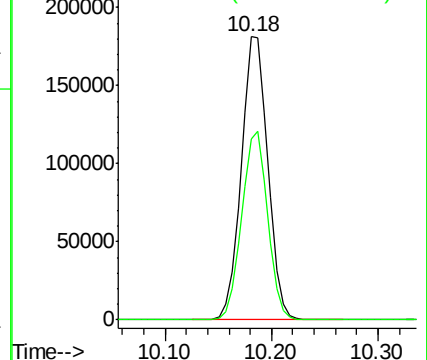
98 100

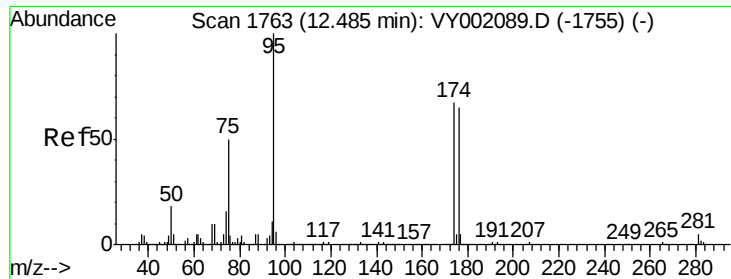
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

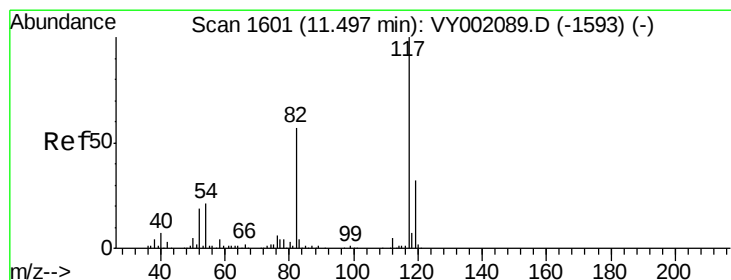
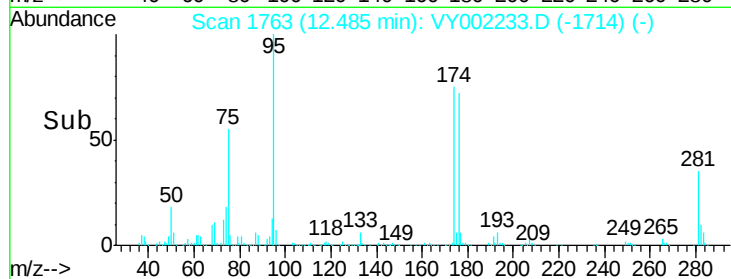
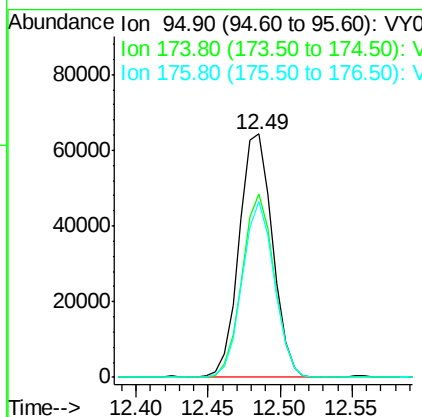
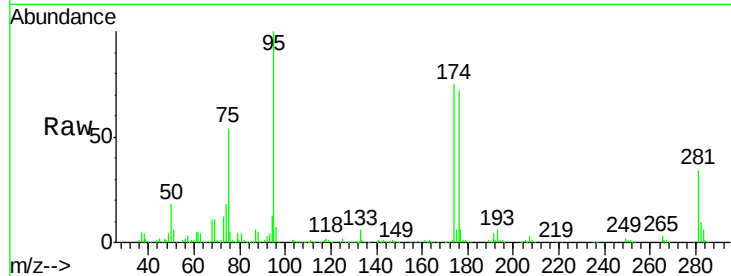




#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

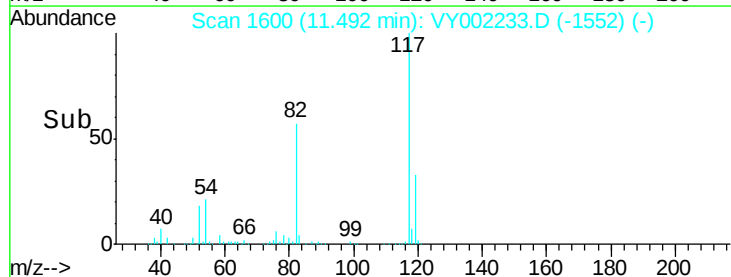
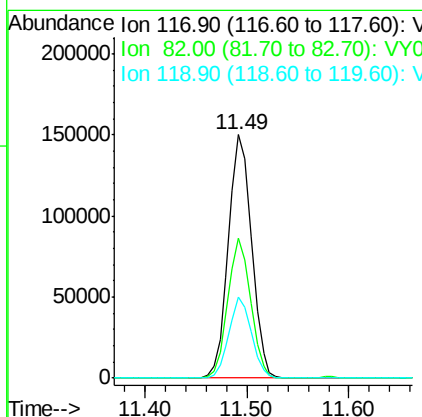
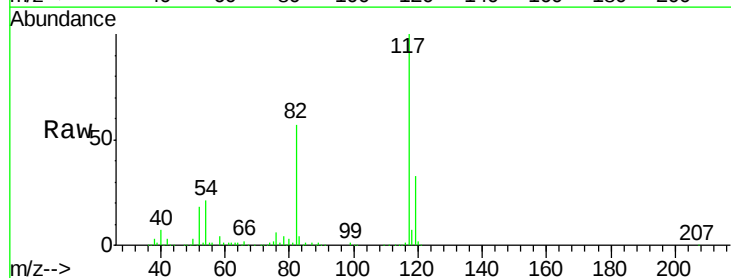
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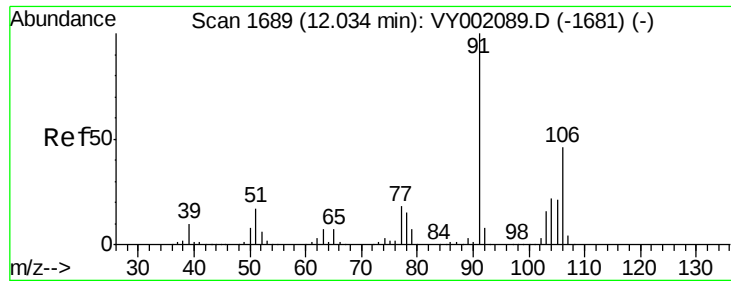
Tot Ion: 95 Resp: 103124
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.4
176 69.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

Tgt Ion: 117 Resp: 235892
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 33.3 25.3 37.9

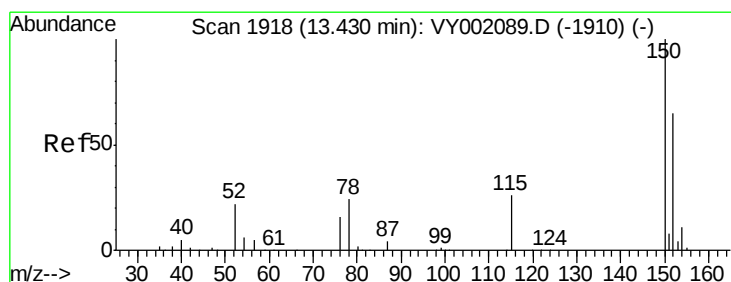
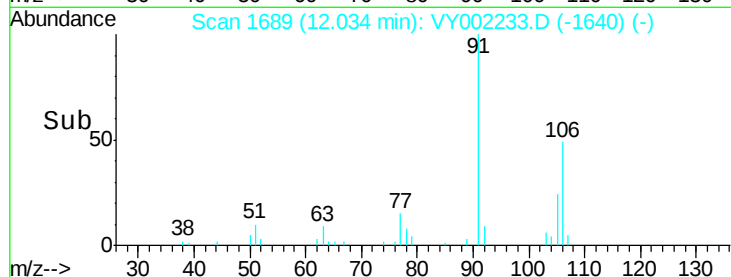
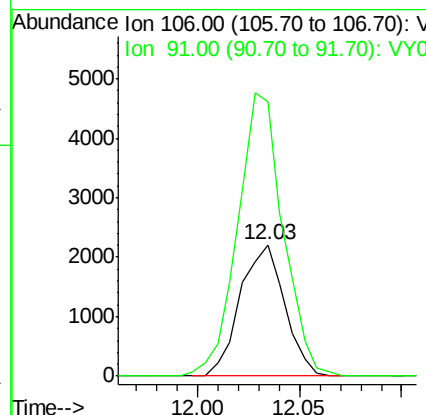
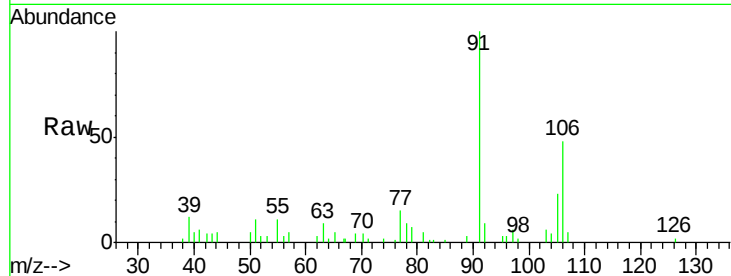




#69
o-Xylene
Concen: 1.126 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

Instrument :
MSVOA_Y
ClientSampled :
TP-47

Tot Ion:106 Resp: 3339
Ion Ratio Lower Upper
106 100
91 220.2 107.3 321.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002233.D
Acq: 06 Apr 2020 13:47

Tgt Ion:152 Resp: 90202
Ion Ratio Lower Upper
152 100
115 62.3 31.2 93.6
150 159.9 0.0 354.8

