

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002230.D
 Acq On : 06 Apr 2020 12:40
 Operator : SY/MD
 Sample : L2123-01
 Misc : 8.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040320

Quant Time: Apr 07 04:57:39 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

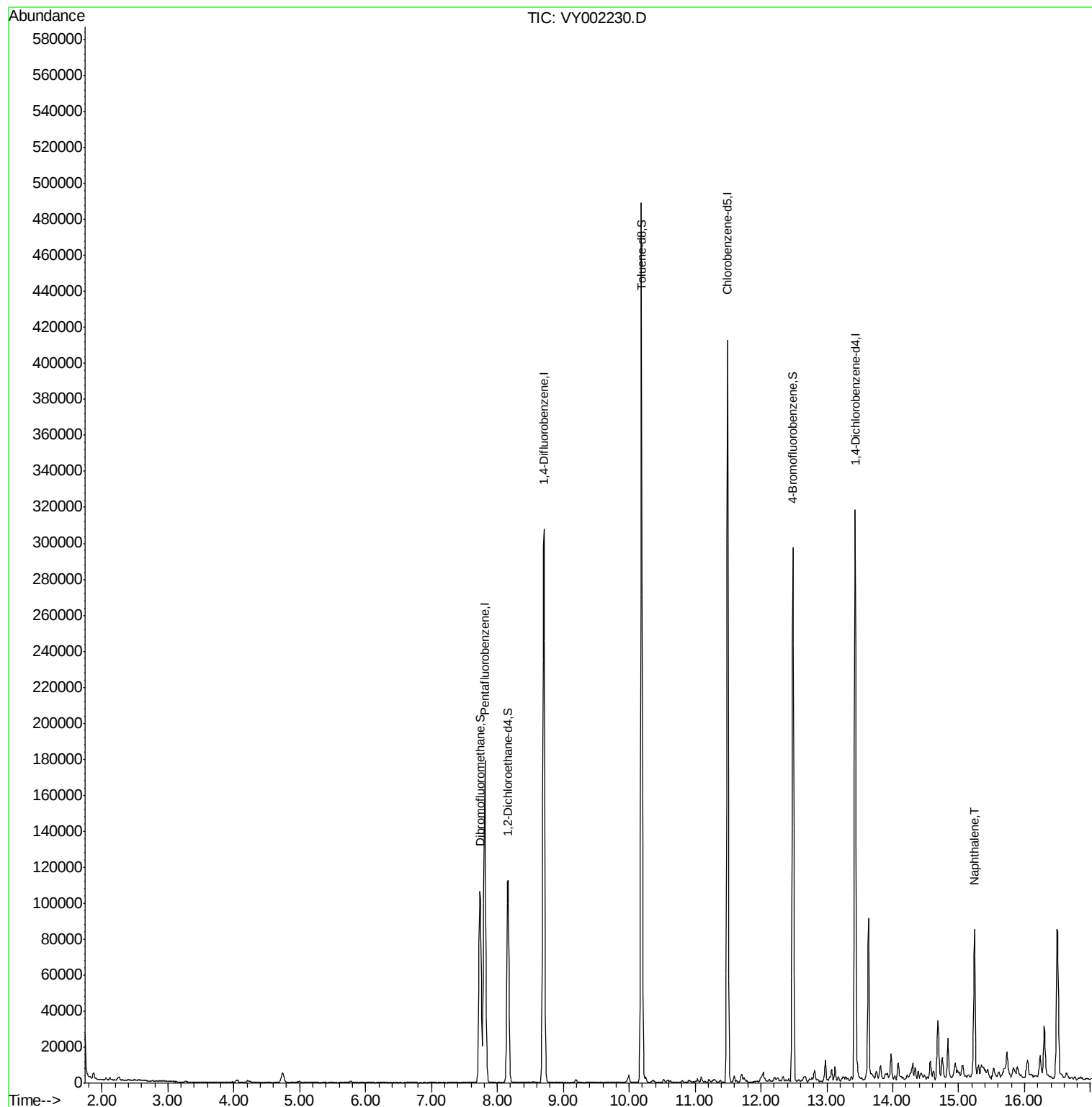
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	133772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	262049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	74424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82965	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
35) Dibromofluoromethane	7.74	113	77999	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.19	98	316362	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.49	95	94445	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
95) Naphthalene	15.24	128	61557	18.885	ug/l	Qvalue 99

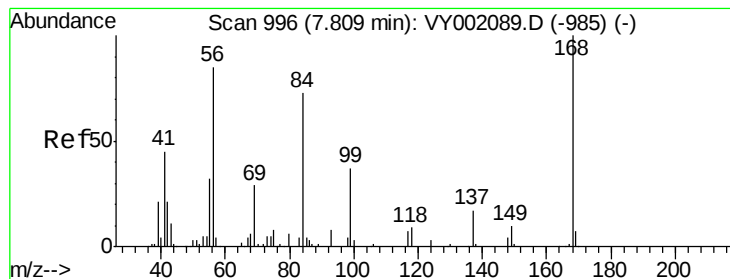
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002230.D

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ClientSampleId :

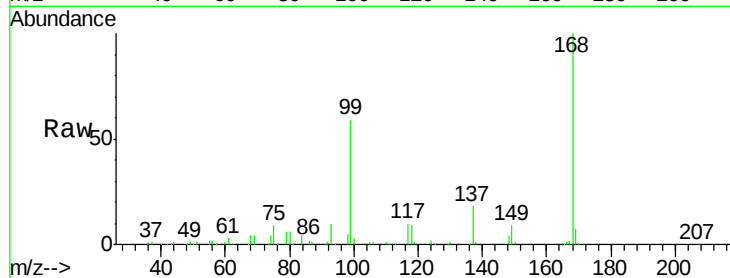
TR-05-040320

Tot Ion:168 Resp: 133772

Ion Ratio Lower Upper

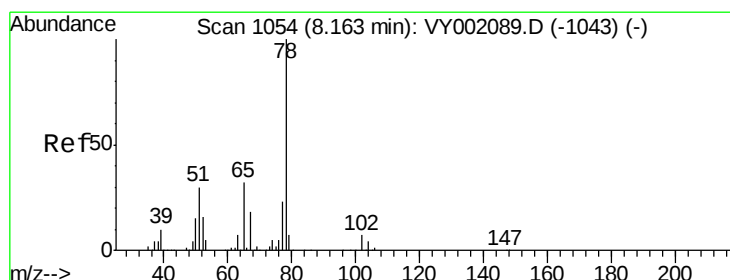
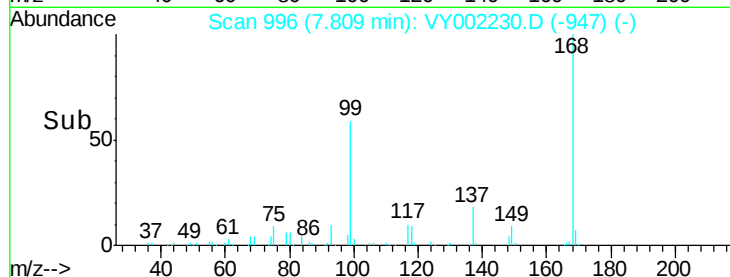
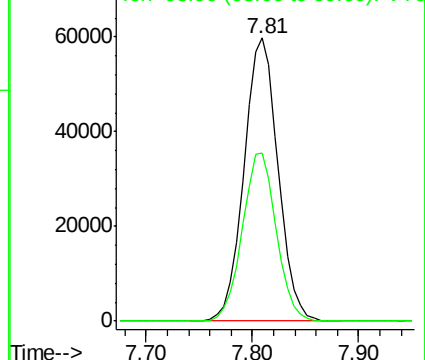
168 100

99 59.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002230.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002230.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.102 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002230.D

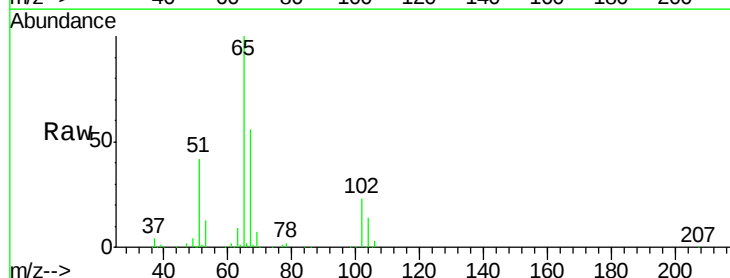
Acq: 06 Apr 2020 12:40

Tgt Ion: 65 Resp: 82965

Ion Ratio Lower Upper

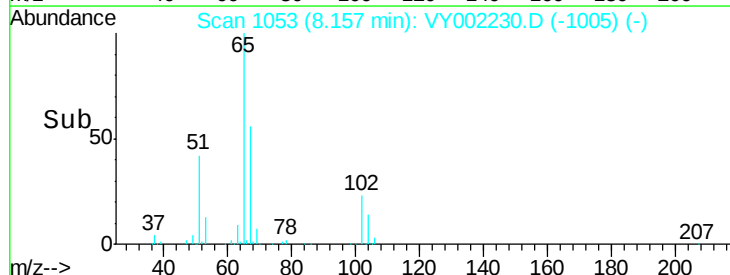
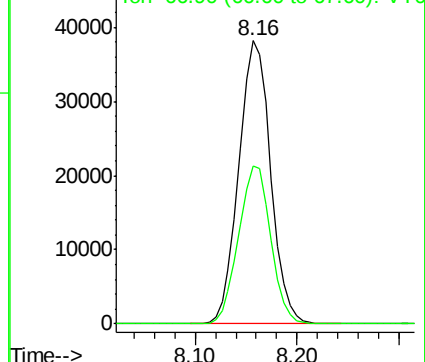
65 100

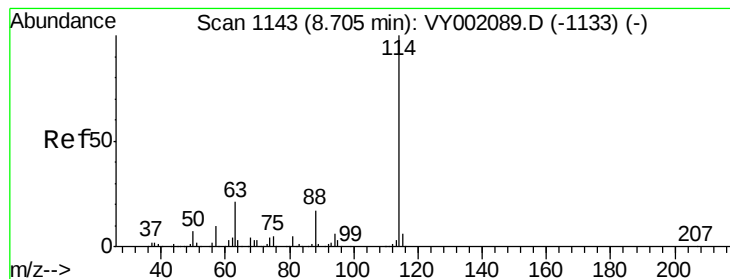
67 56.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002230.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002230.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040320

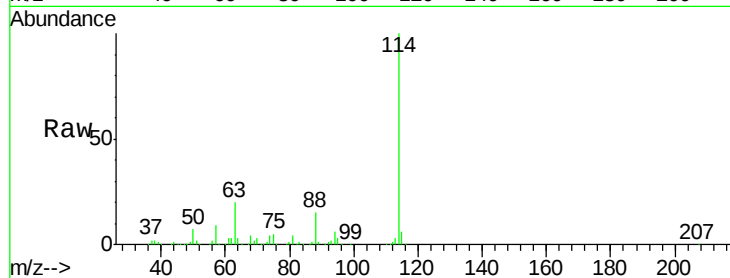
Tot Ion:114 Resp: 262049

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

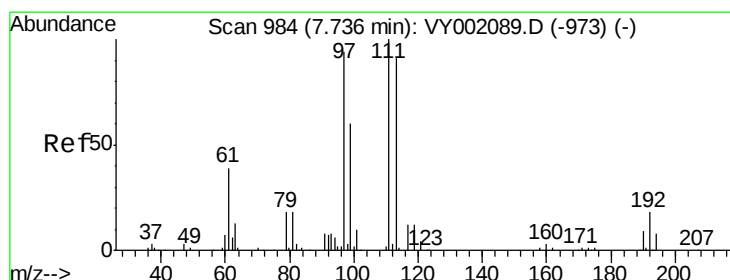
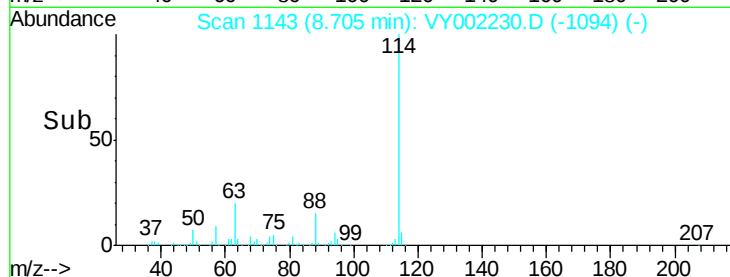
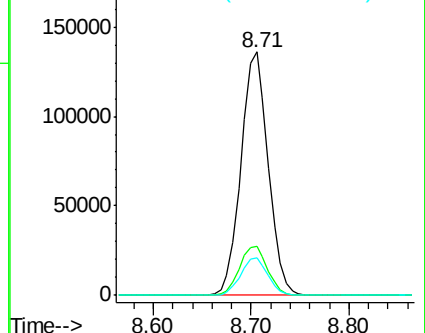
88 15.3 0.0 33.0



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: 53.122 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

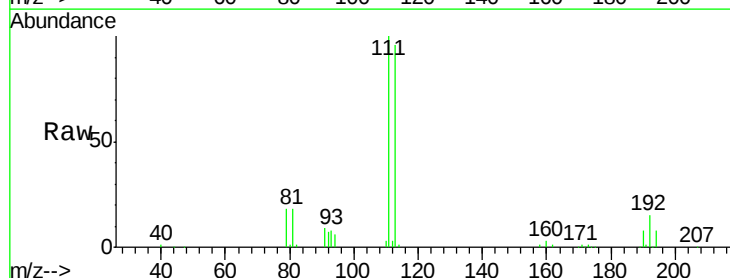
Tgt Ion:113 Resp: 77999

Ion Ratio Lower Upper

113 100

111 105.6 84.4 126.6

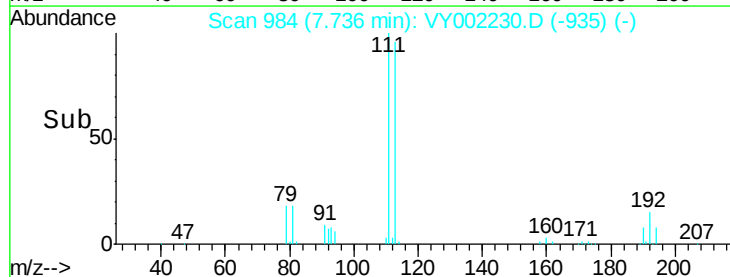
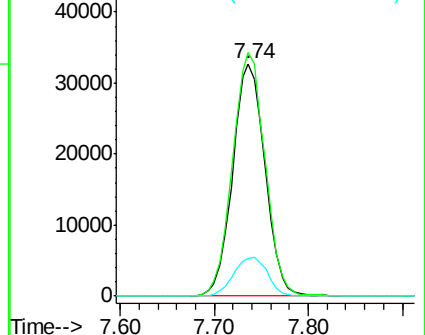
192 17.4 14.6 21.8

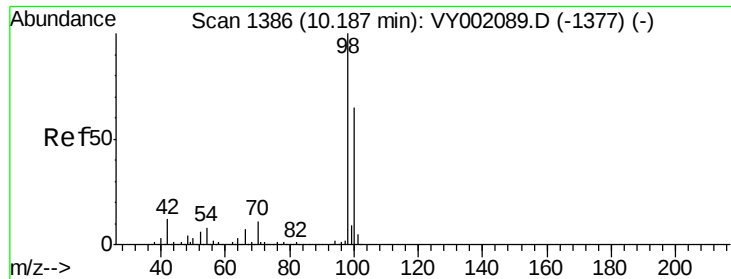


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.865 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

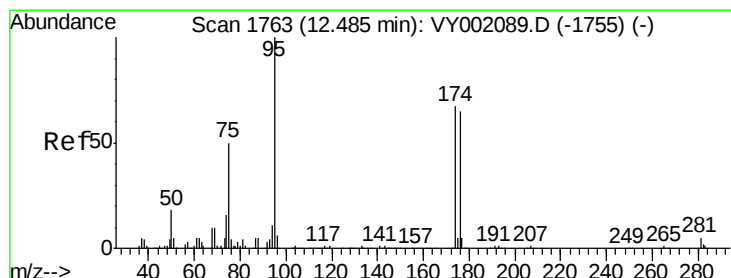
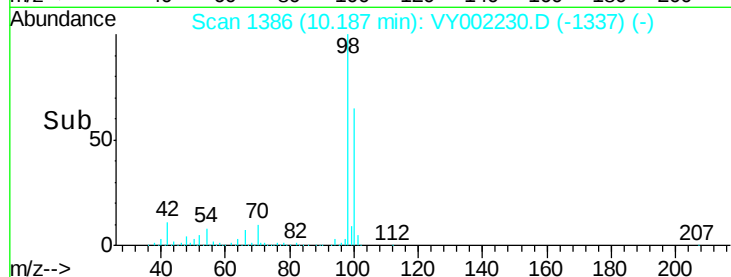
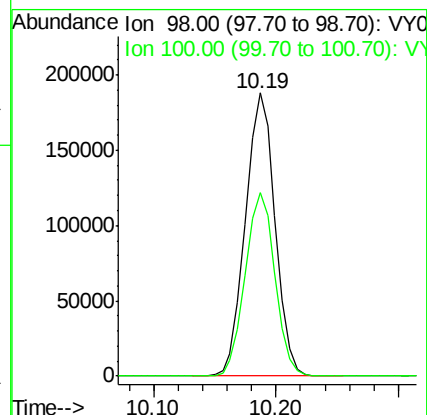
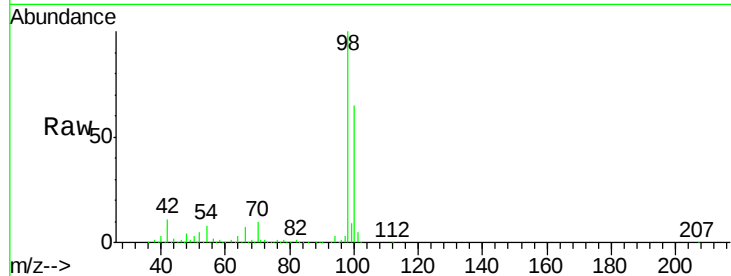
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Tot Ion: 98 Resp: 316362

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.273 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

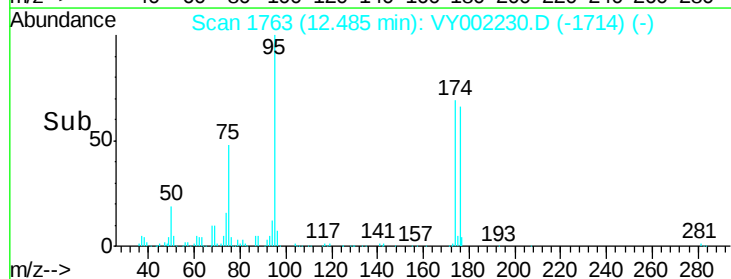
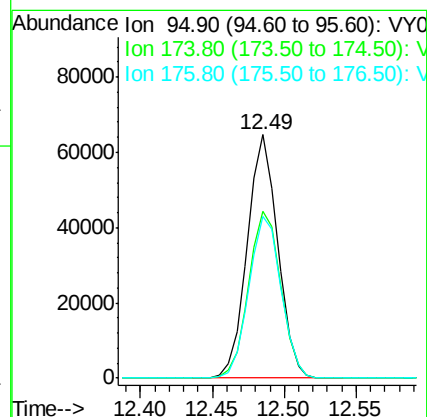
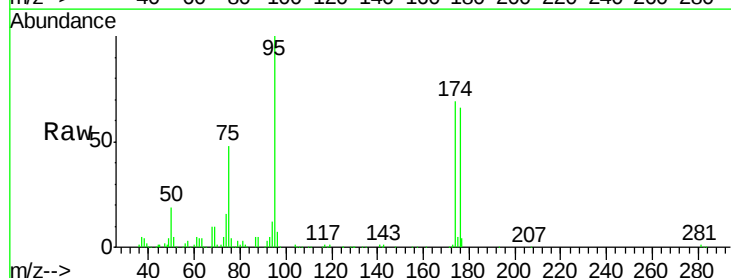
Tgt Ion: 95 Resp: 94445

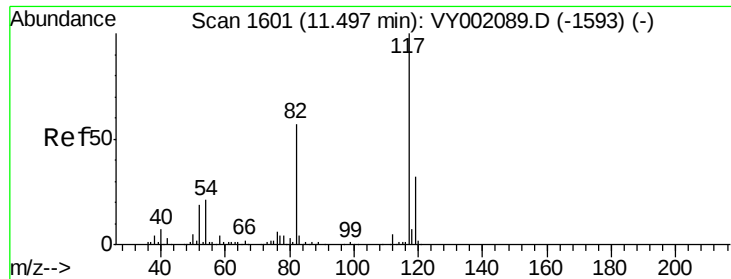
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.0 0.0 137.0

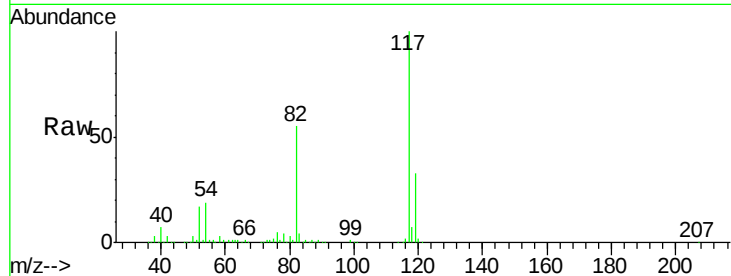




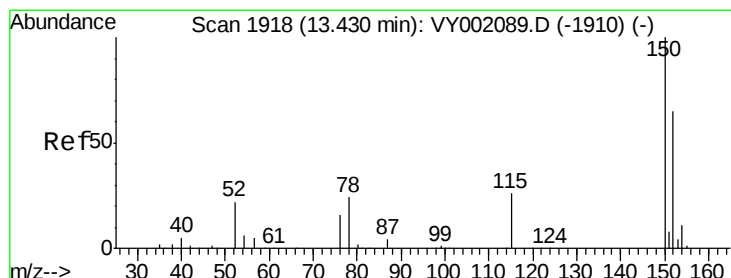
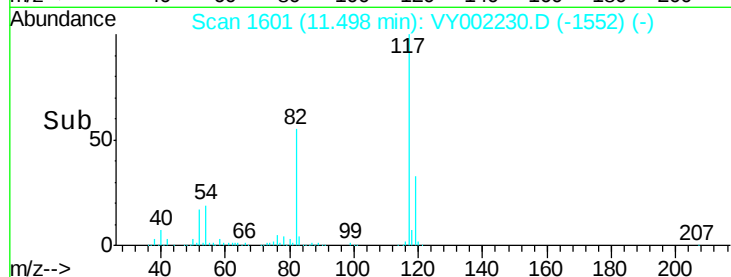
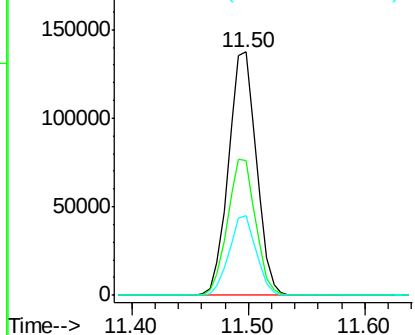
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002230.D
Acq: 06 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040320

Tot Ion:117 Resp: 228561
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 32.6 25.3 37.9

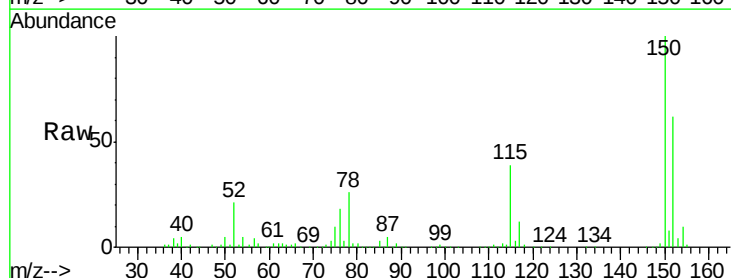


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

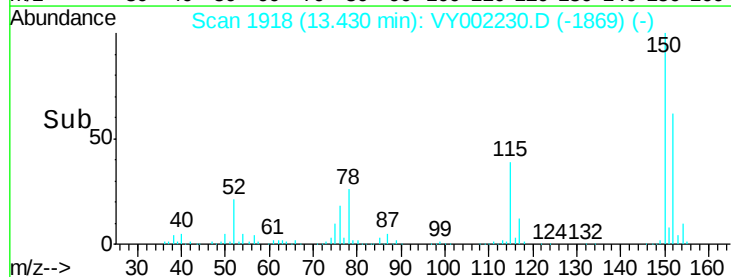
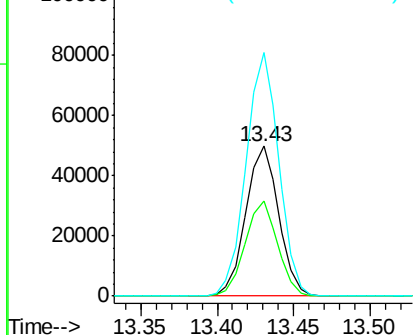


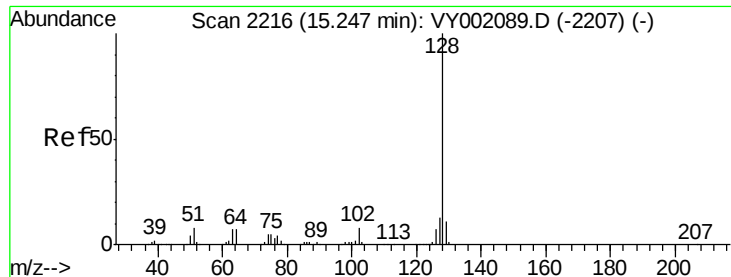
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002230.D
Acq: 06 Apr 2020 12:40

Tgt Ion:152 Resp: 74424
Ion Ratio Lower Upper
152 100
115 62.6 31.2 93.6
150 161.6 0.0 354.8



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

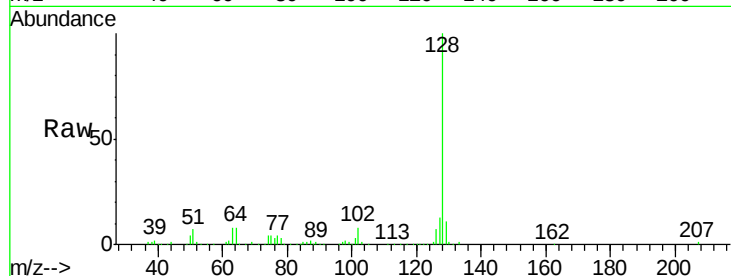




#95
 Naphthalene
 Concen: 18.885 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY002230.D
 Acq: 06 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040320

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

