

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002053.D
 Acq On : 24 Mar 2020 16:11
 Operator : SY/MD
 Sample : L2028-01
 Misc : 7.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-(8-8.5)

Quant Time: Apr 06 12:37:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126620	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	239460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	212152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	93282	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	72285	53.48	ug/l	-0.01
Spiked Amount						
			Recovery	=	106.96%	
35) Dibromofluoromethane	7.74	113	67912	51.94	ug/l	-0.01
Spiked Amount						
			Recovery	=	103.88%	
50) Toluene-d8	10.19	98	287844	52.20	ug/l	0.00
Spiked Amount						
			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.49	95	96744	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	

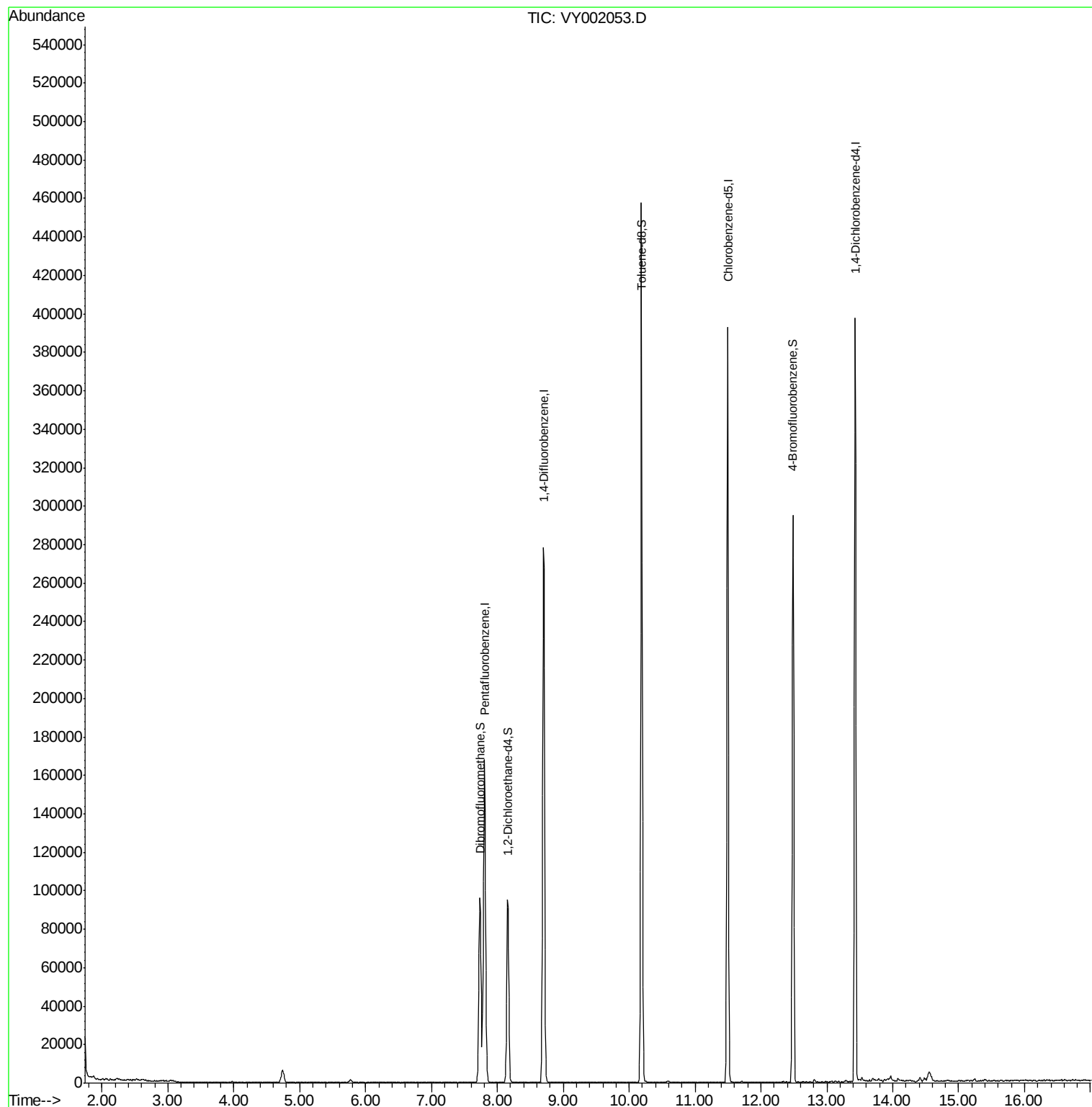
Target Compounds	Qvalue
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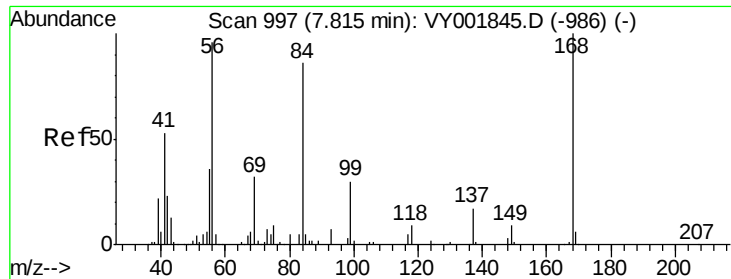
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

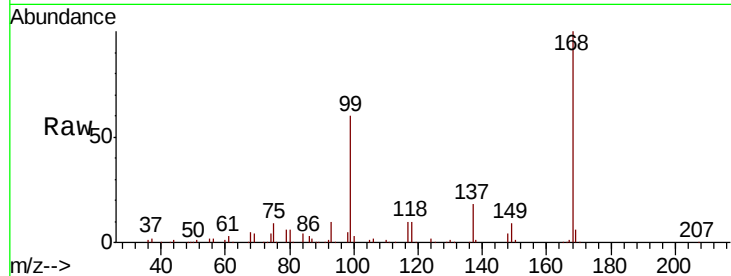
SB-30-(8-8.5)

Tot Ion:168 Resp: 126620

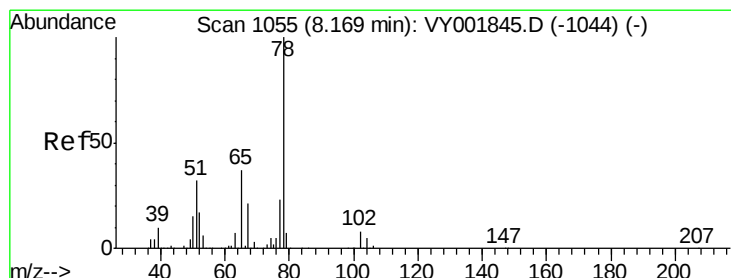
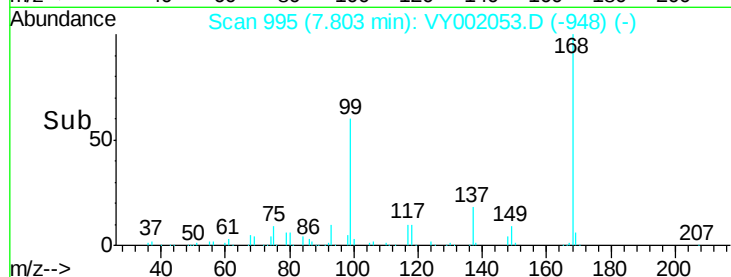
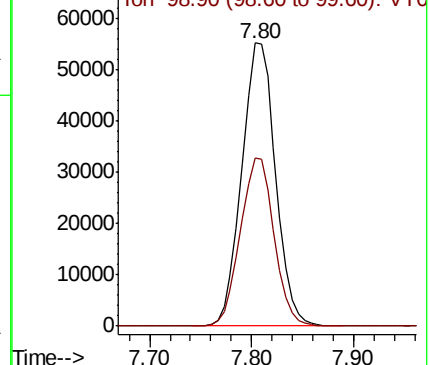
Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.475 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002053.D

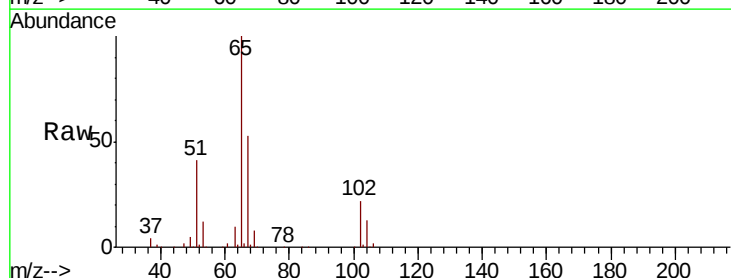
Acq: 24 Mar 2020 16:11

Tgt Ion: 65 Resp: 72285

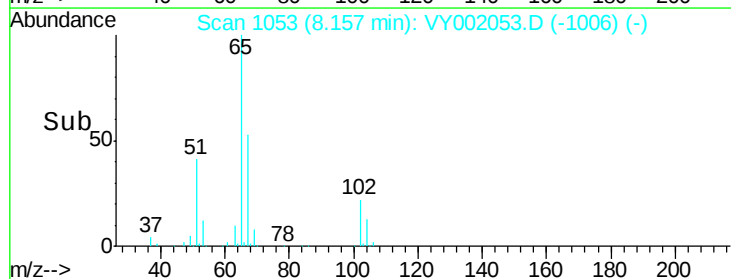
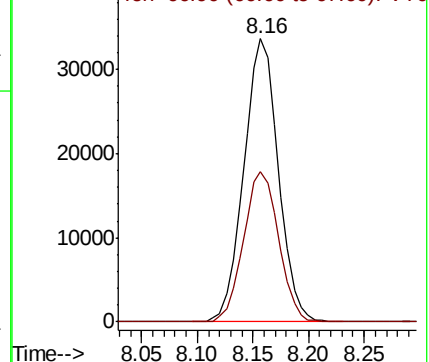
Ion Ratio Lower Upper

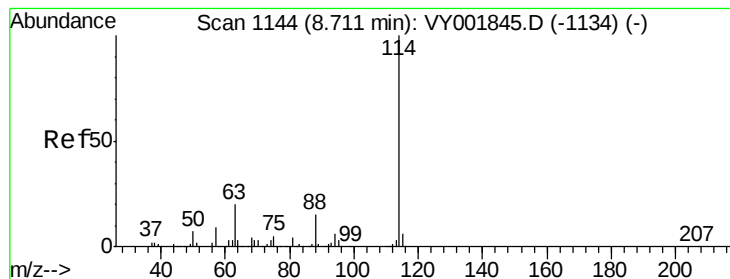
65 100

67 54.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-30-(8-8.5)

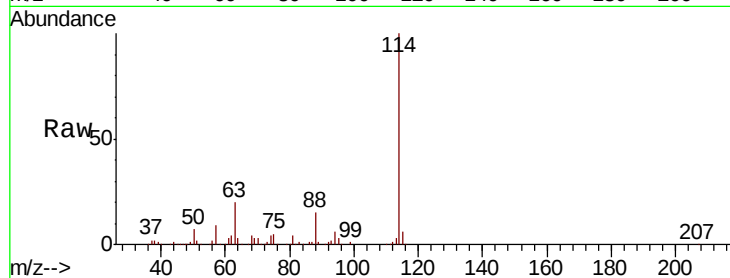
Tot Ion:114 Resp: 239460

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

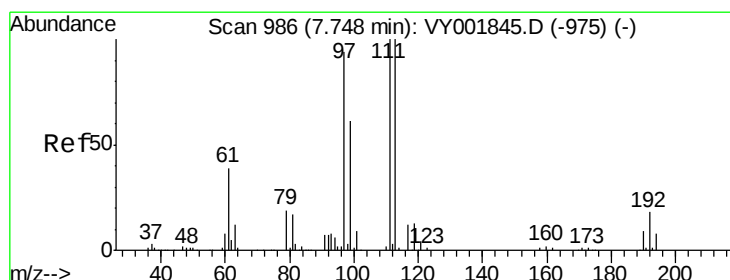
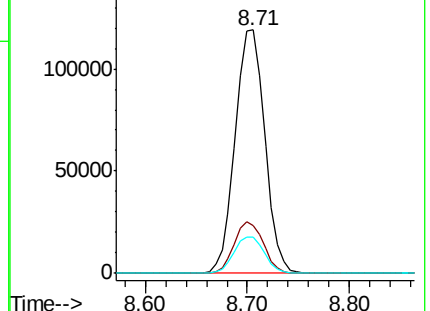
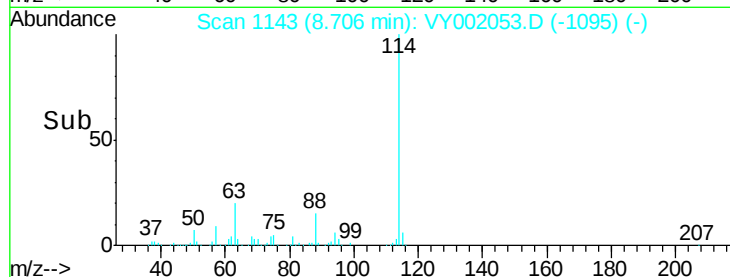
88 14.9 0.0 30.4



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: 51.938 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

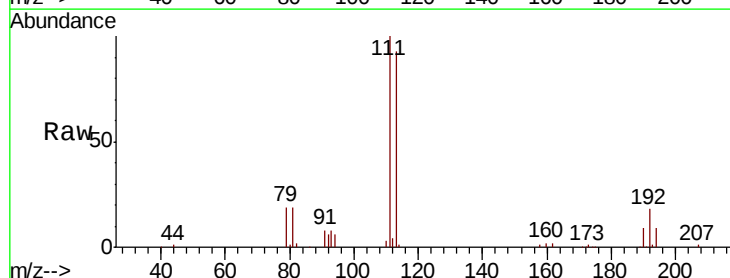
Tgt Ion:113 Resp: 67912

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

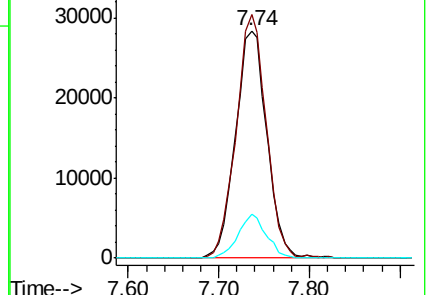
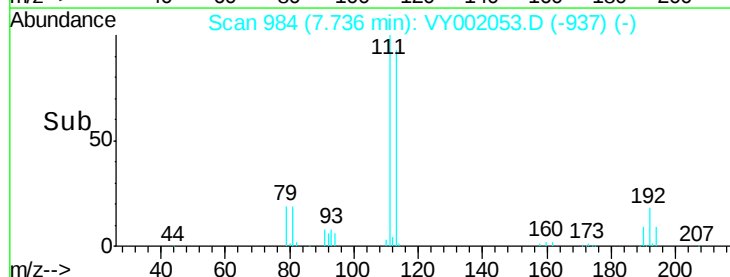
192 17.4 14.2 21.2

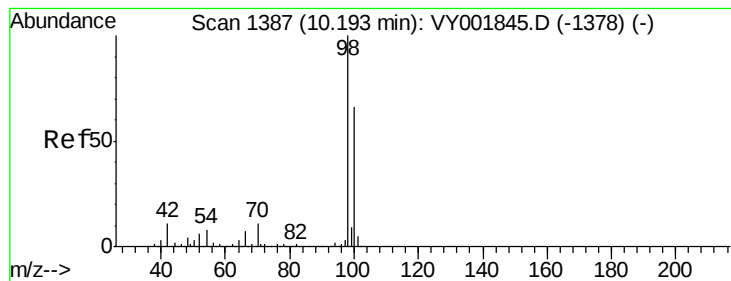


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.205 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

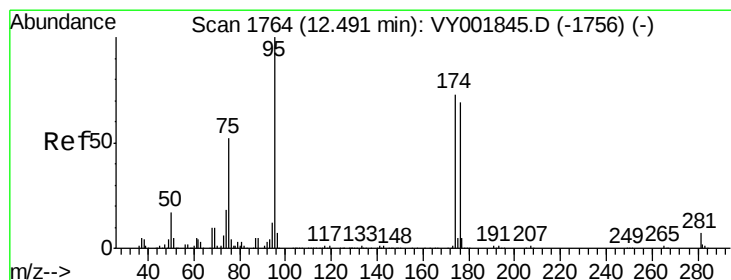
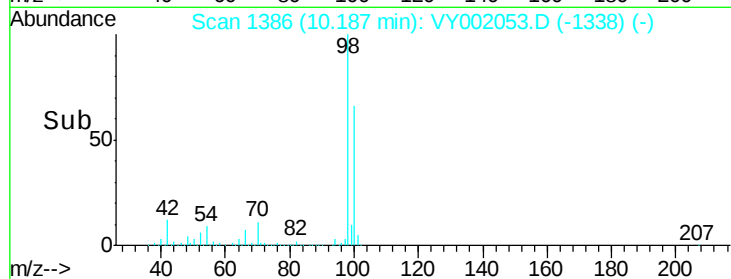
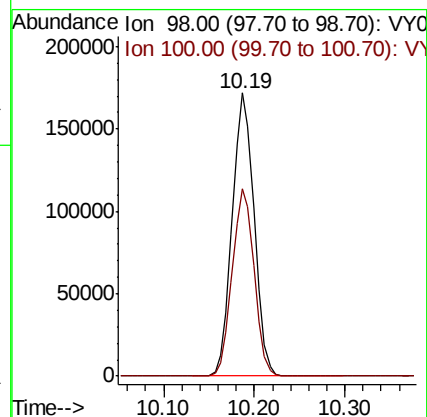
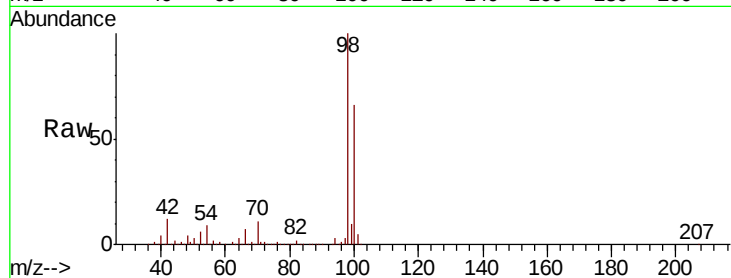
SB-30-(8-8.5)

Tot Ion: 98 Resp: 287844

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 50.461 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002053.D

Acq: 24 Mar 2020 16:11

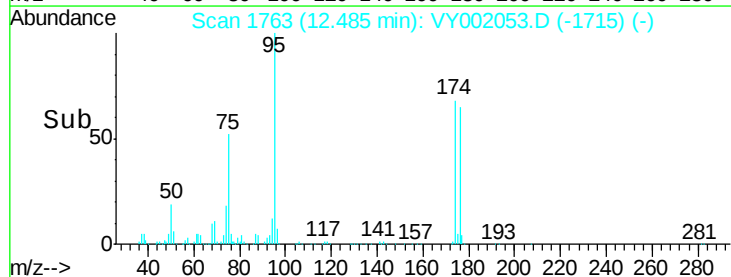
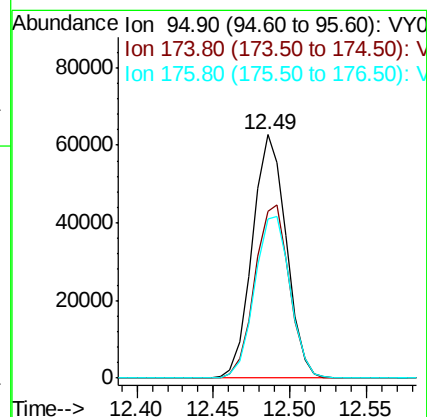
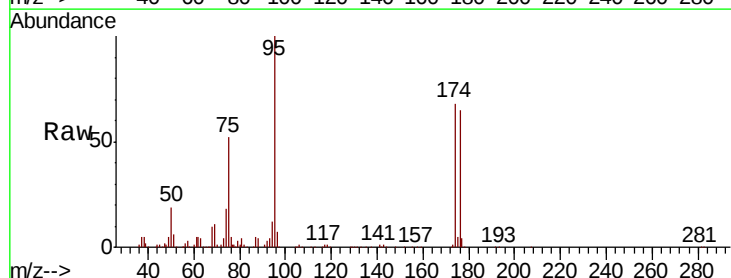
Tgt Ion: 95 Resp: 96744

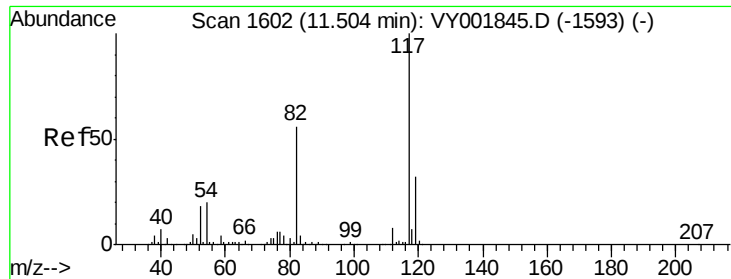
Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.0

176 69.4 0.0 137.4

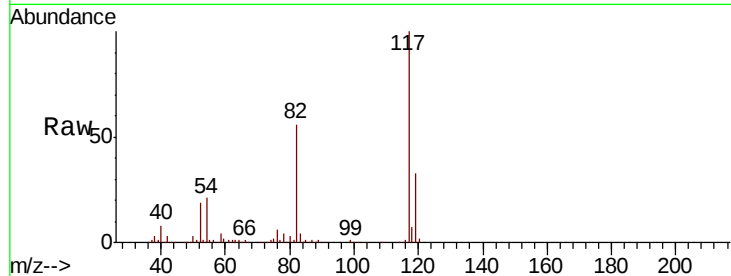




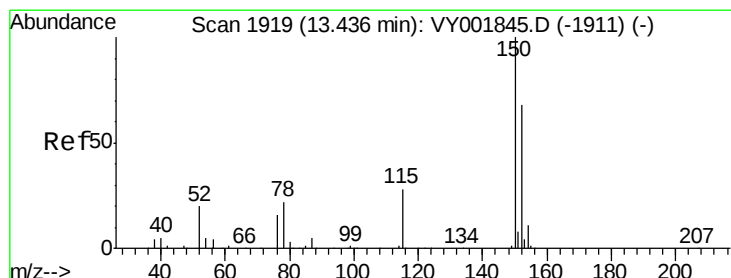
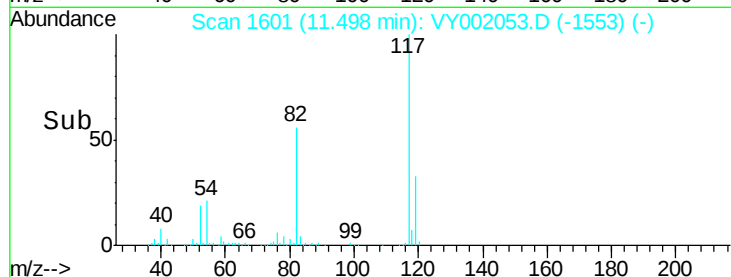
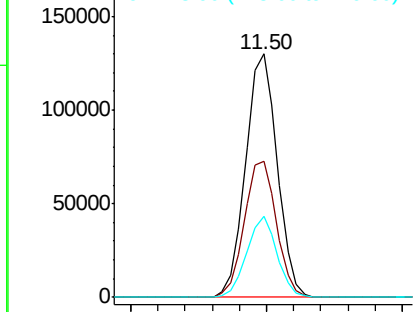
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002053.D
Acq: 24 Mar 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-30-(8-8.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	33.1	25.7	38.5

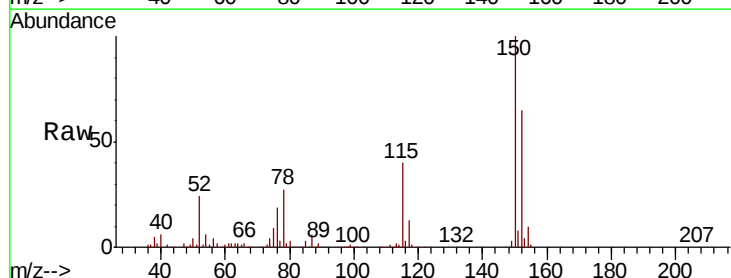


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002053.D
Acq: 24 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.9	89.7
150	158.2	0.0	340.6



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

