

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002376.D
 Acq On : 16 Apr 2020 18:38
 Operator : SY/MD
 Sample : L2271-03
 Misc : 4.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-2

Quant Time: Apr 17 08:14:57 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	7.81	168	74444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	142947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	127782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	53145	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	41594	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.74	113	42793	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	10.19	98	172800	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.49	95	55637	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	

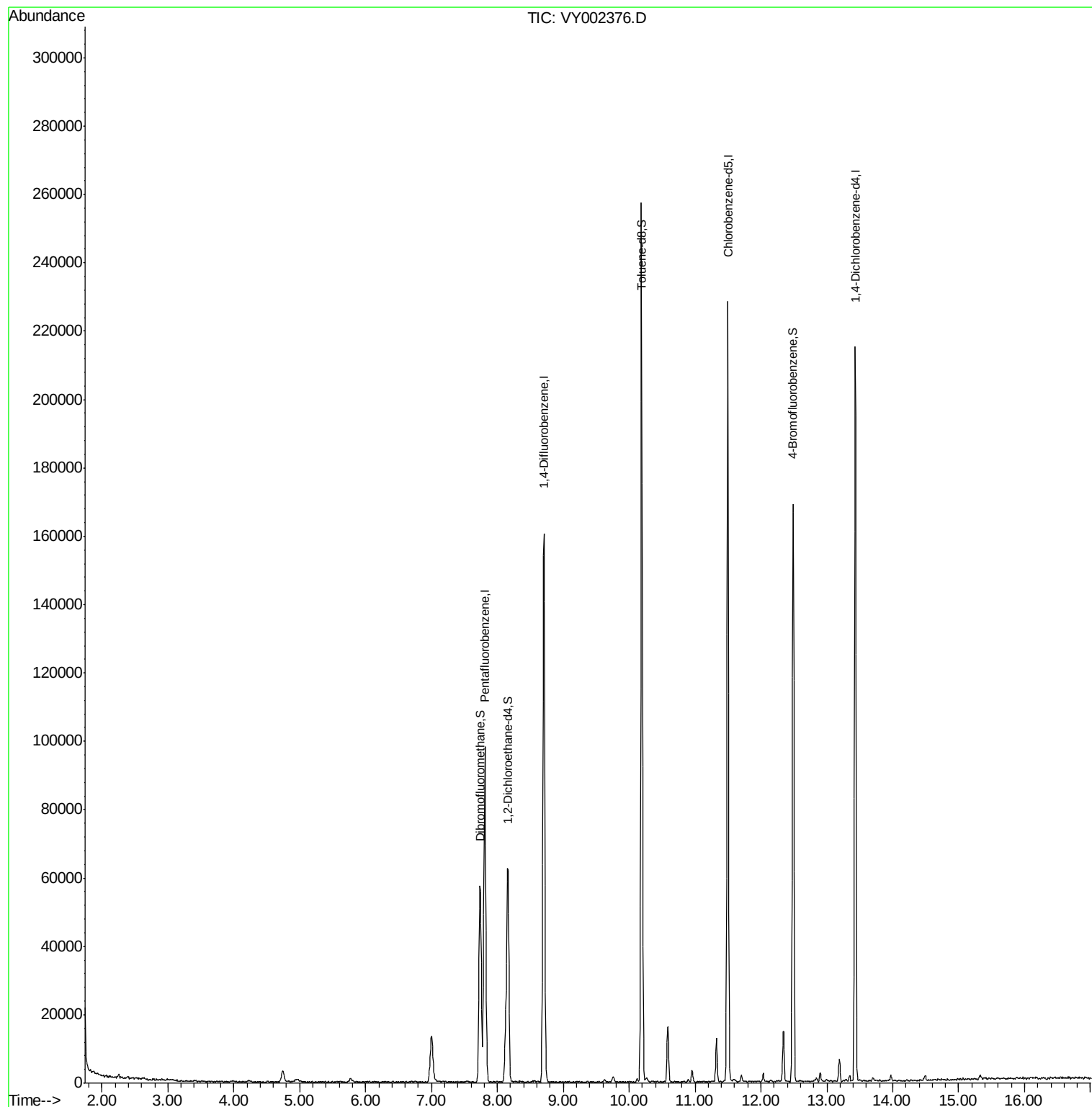
Target Compounds	Qvalue
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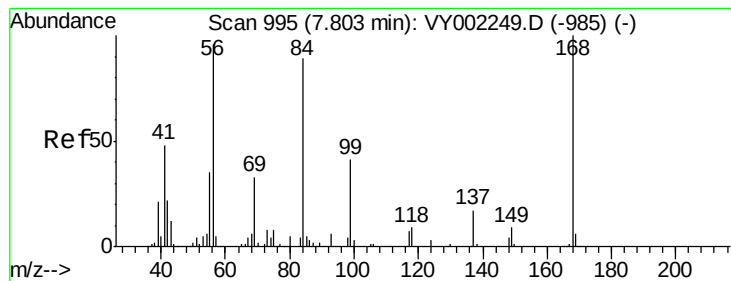
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002376.D

Acq: 16 Apr 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

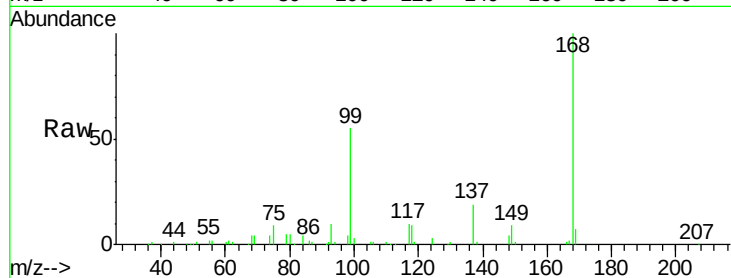
BG-2

Tot Ion:168 Resp: 74444

Ion Ratio Lower Upper

168 100

99 55.3 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) (-)

7.81

30000

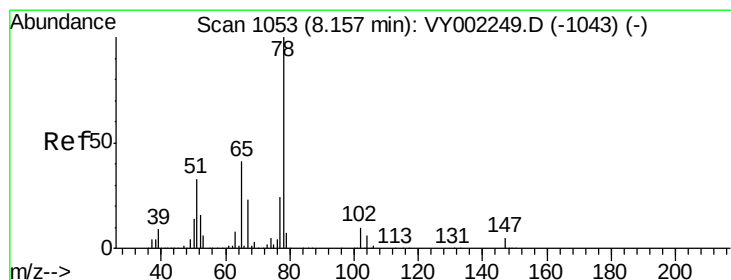
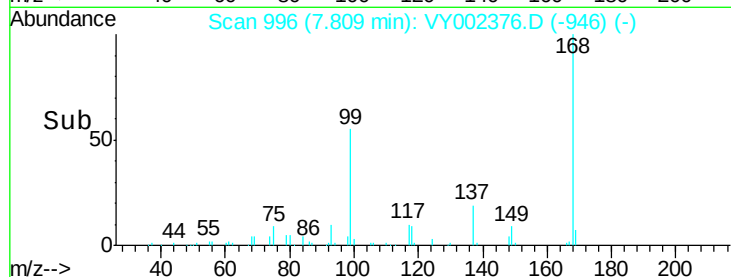
20000

10000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#33

1,2-Dichloroethane-d4

Concen: 50.242 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002376.D

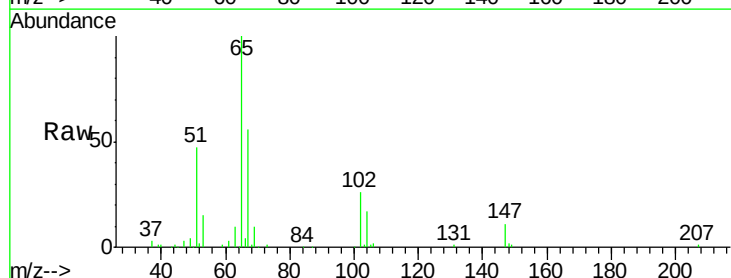
Acq: 16 Apr 2020 18:38

Tgt Ion: 65 Resp: 41594

Ion Ratio Lower Upper

65 100

67 56.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.16

20000

15000

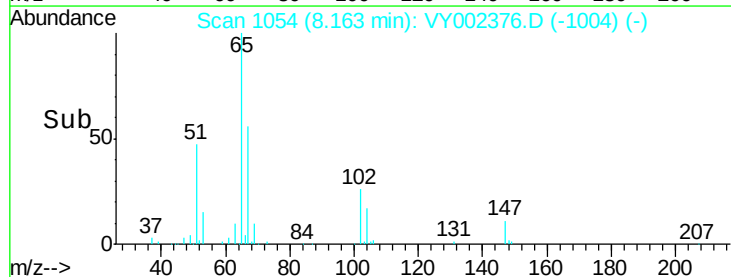
10000

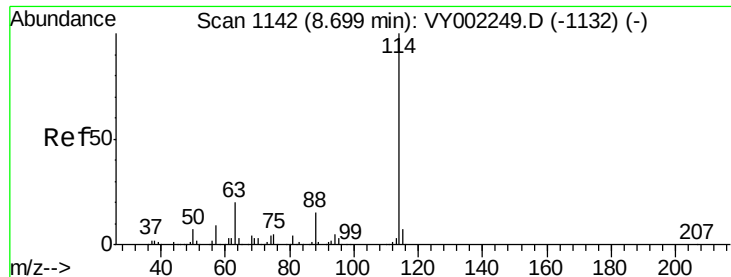
5000

0

Time-->

8.10 8.20

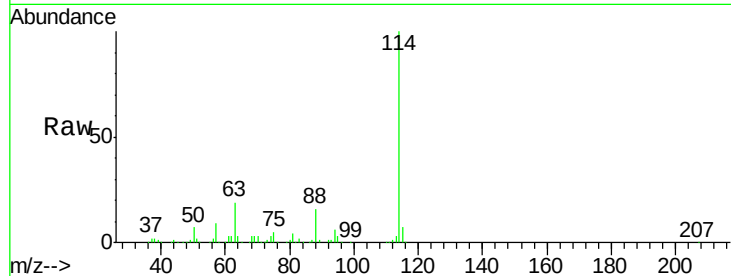




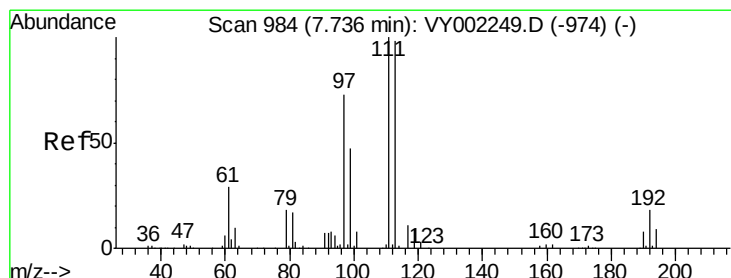
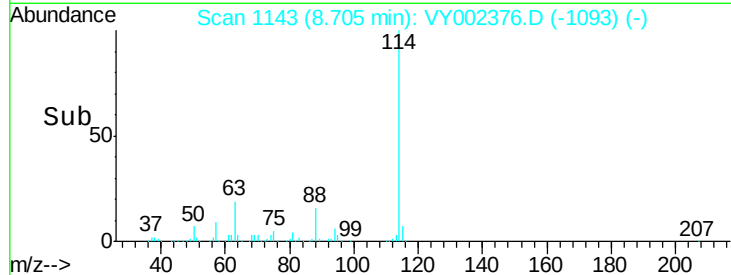
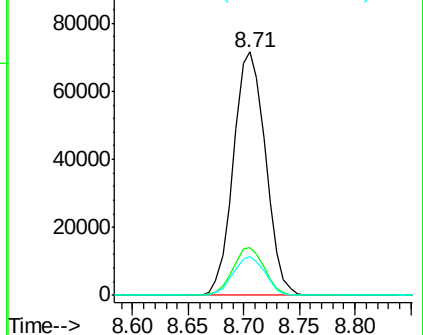
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002376.D
 Acq: 16 Apr 2020 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.7	0.0	31.0

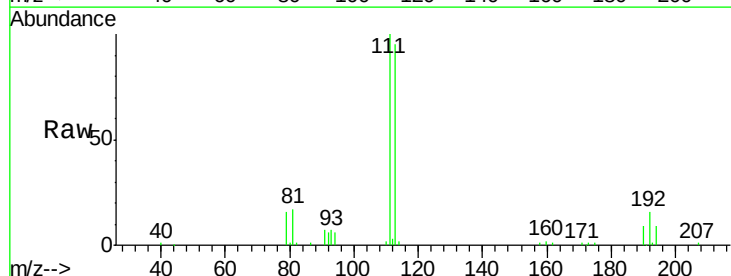


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

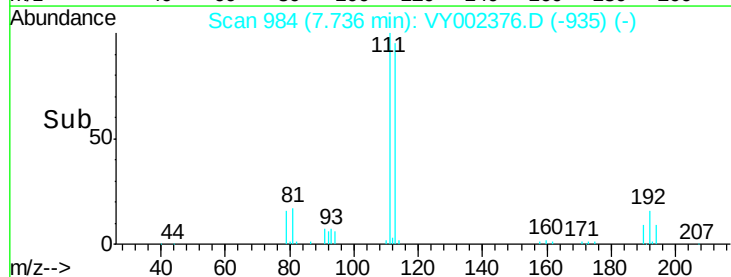
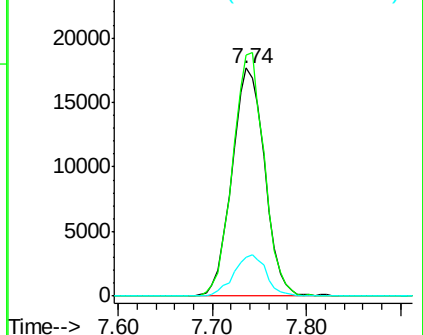


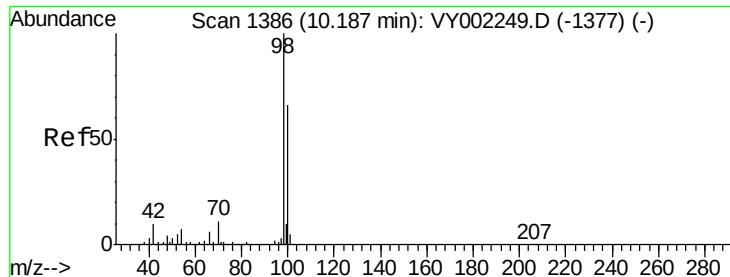
#35
 Dibromofluoromethane
 Concen: 50.310 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002376.D
 Acq: 16 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	17.8	14.7	22.1



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: 48.537 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002376.D

Acq: 16 Apr 2020 18:38

Instrument :

MSVOA_Y

ClientSampleId :

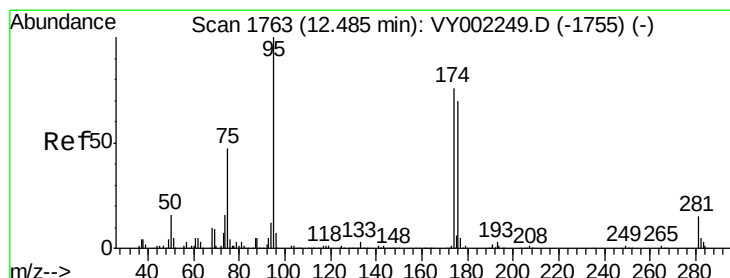
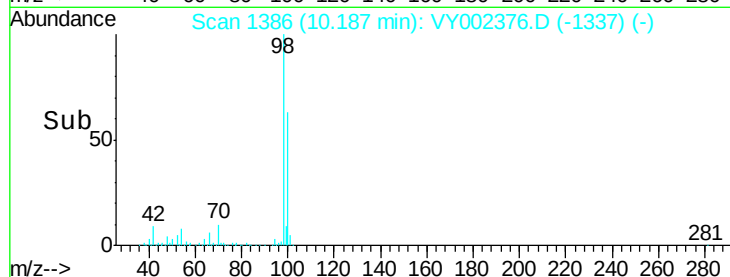
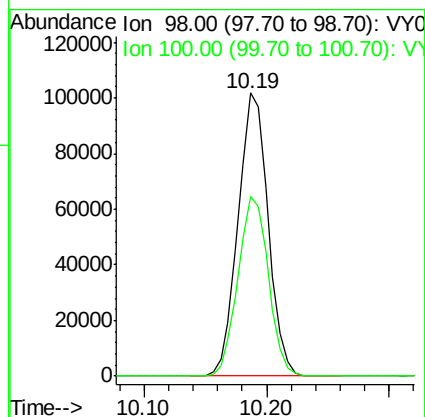
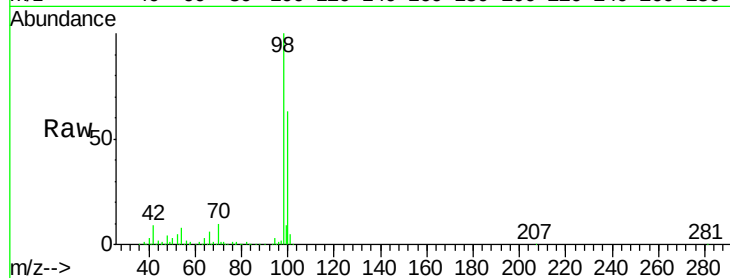
BG-2

Tot Ion: 98 Resp: 172800

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.369 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002376.D

Acq: 16 Apr 2020 18:38

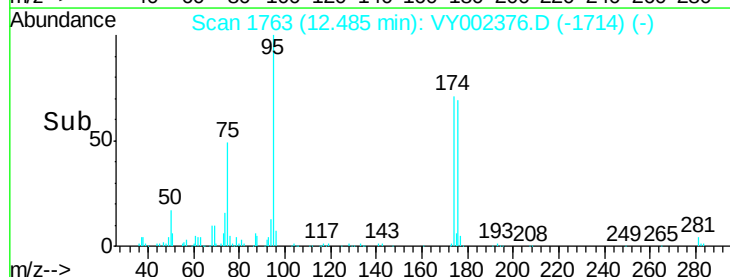
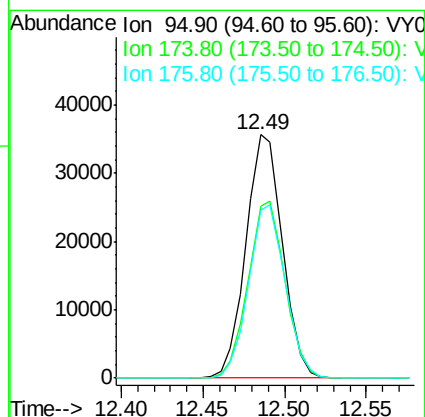
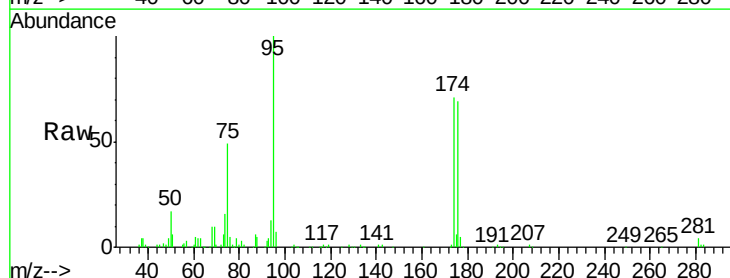
Tgt Ion: 95 Resp: 55637

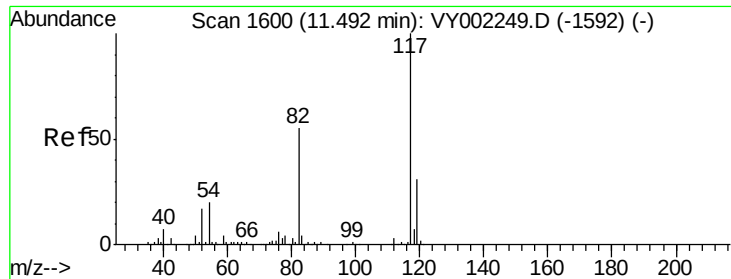
Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.6

176 71.3 0.0 141.4

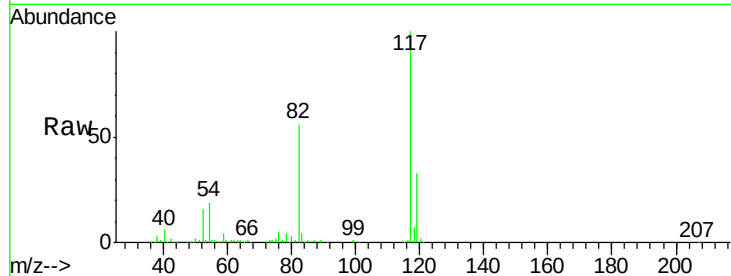




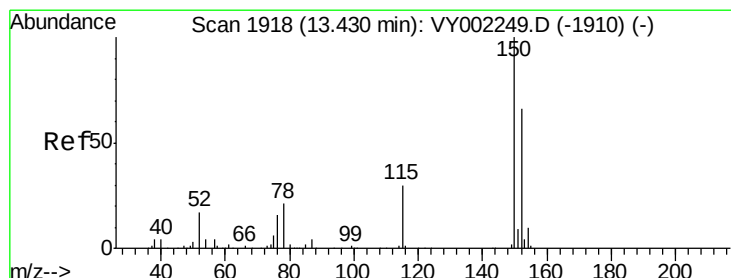
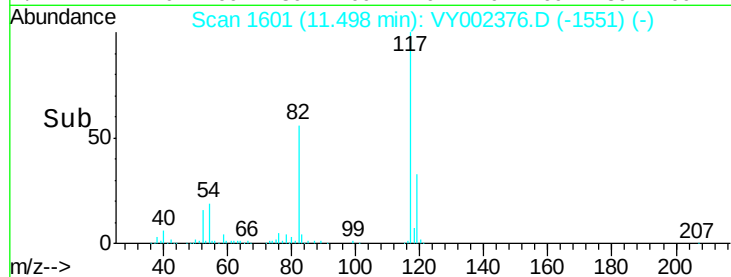
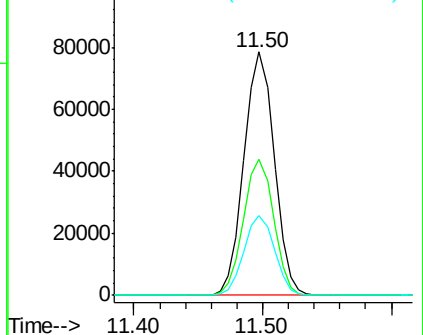
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002376.D
Acq: 16 Apr 2020 18:38

Instrument :
MSVOA_Y
ClientSampled :
BG-2

Tot Ion:117 Resp: 127782
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.8 25.1 37.7

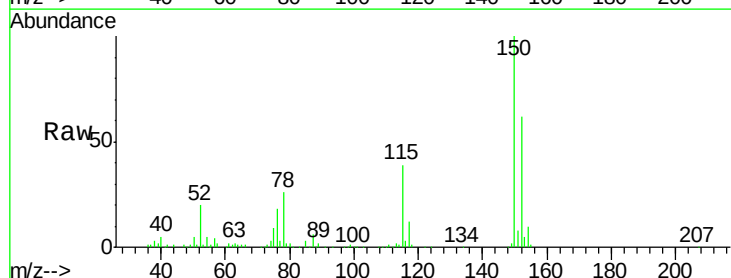


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002376.D
Acq: 16 Apr 2020 18:38

Tgt Ion:152 Resp: 53145
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 157.4 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

