

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002405.D
 Acq On : 17 Apr 2020 17:26
 Operator : SY/MD
 Sample : L2271-12
 Misc : 5.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-9

Quant Time: Apr 18 07:27:27 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	7.82	168	138564	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	281346	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	270241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121724	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	72745	47.21	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	94.42%	
35) Dibromofluoromethane	7.75	113	80880	48.31	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	96.62%	
50) Toluene-d8	10.19	98	336718	48.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.49	95	117203	50.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.40%	

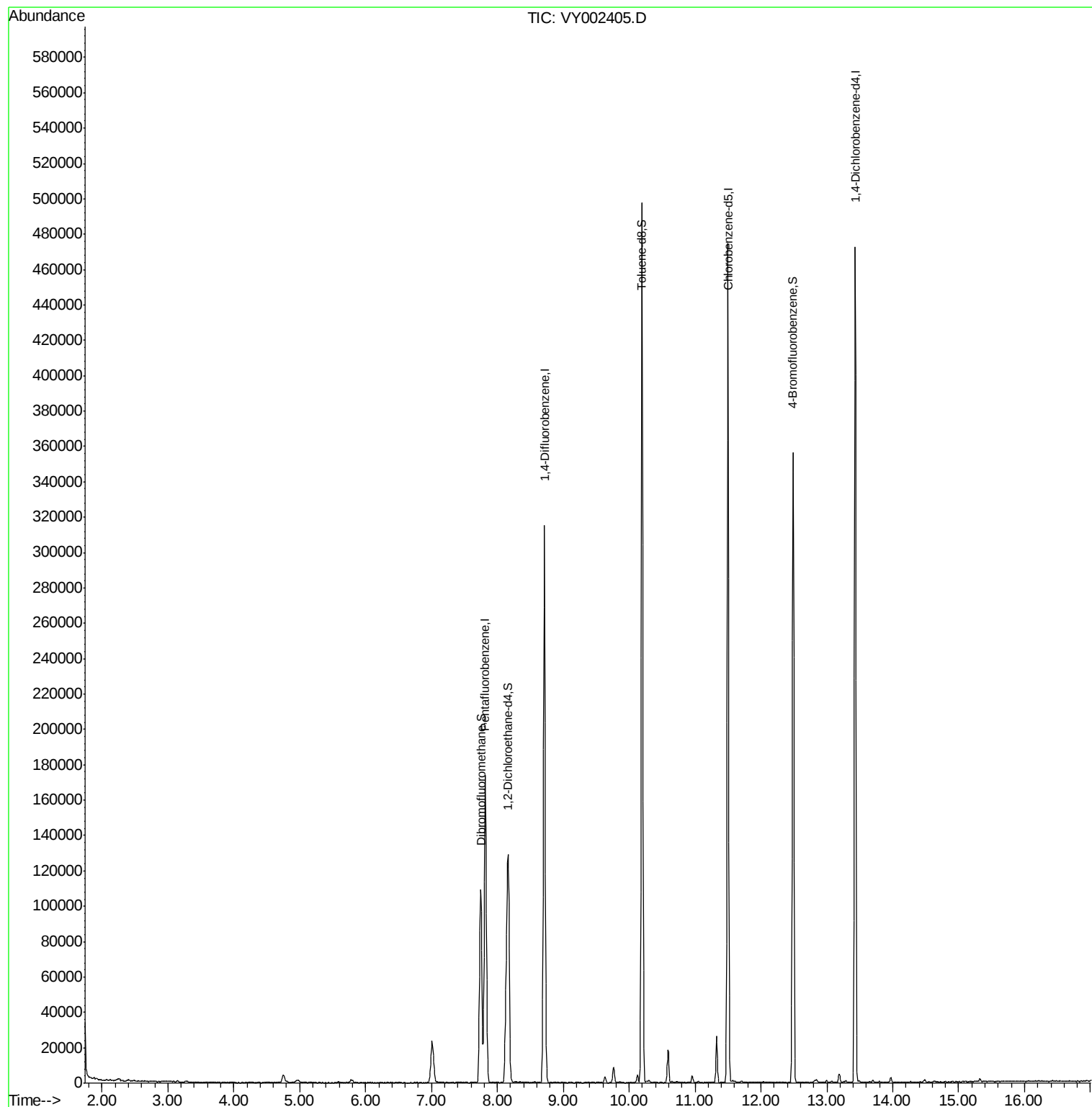
Target Compounds	Qvalue
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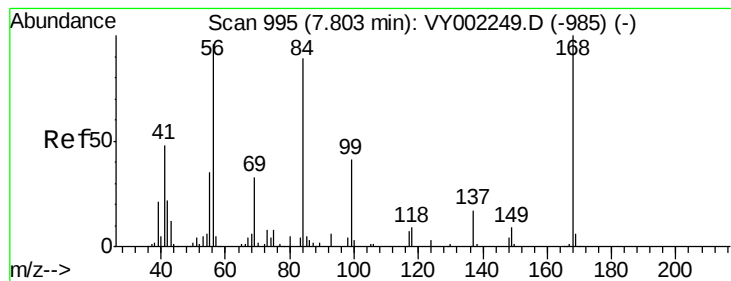
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002405.D

Acq: 17 Apr 2020 17:26

Instrument :

MSVOA_Y

ClientSampled :

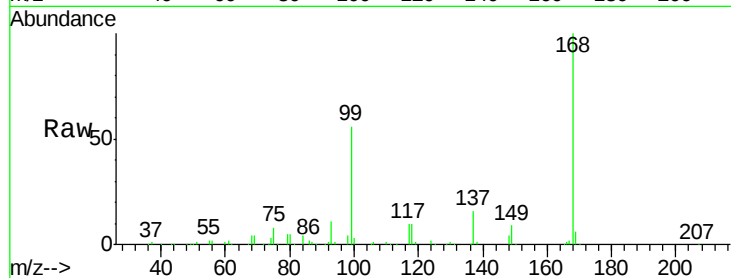
BG-9

Tot Ion:168 Resp: 138564

Ion Ratio Lower Upper

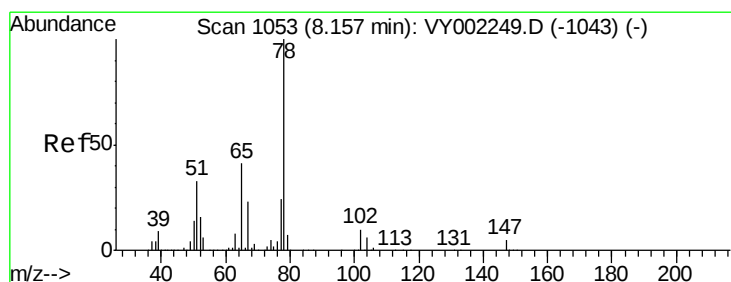
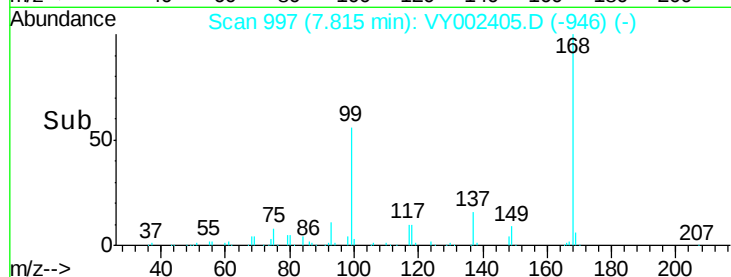
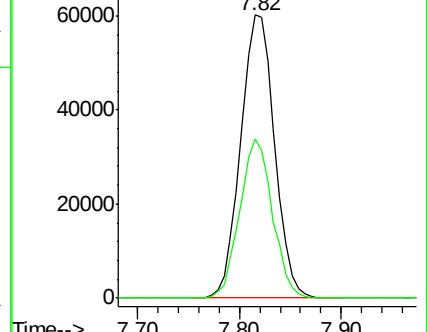
168 100

99 56.4 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.208 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002405.D

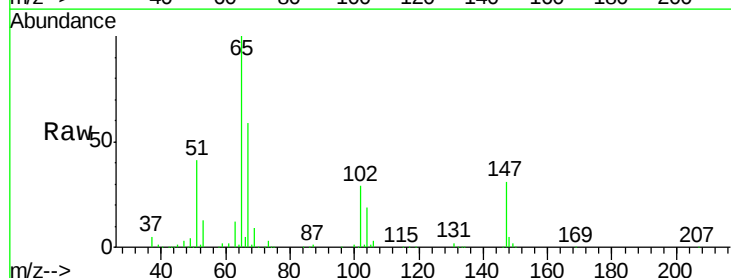
Acq: 17 Apr 2020 17:26

Tgt Ion: 65 Resp: 72745

Ion Ratio Lower Upper

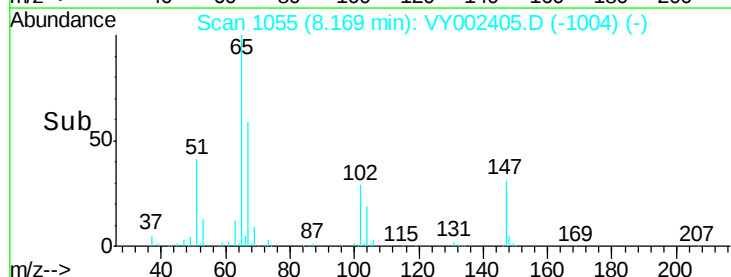
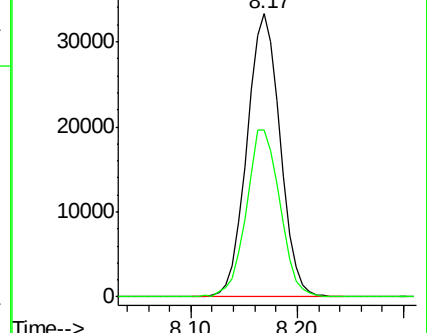
65 100

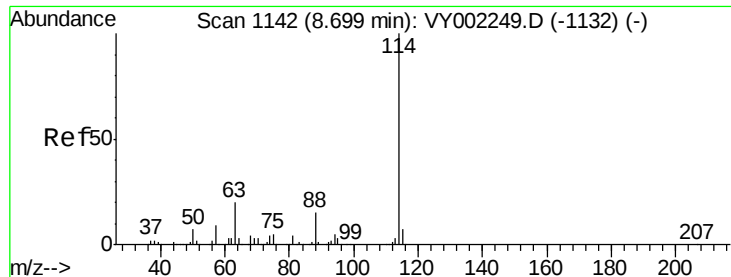
67 60.0 0.0 114.0



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

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

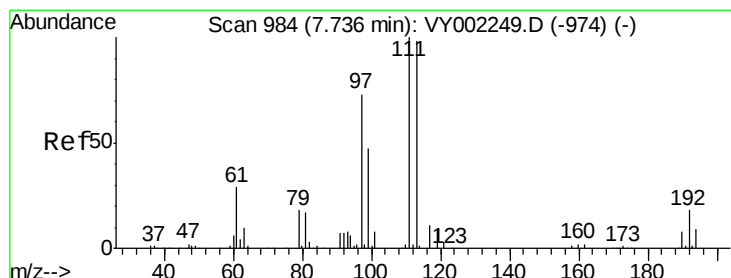
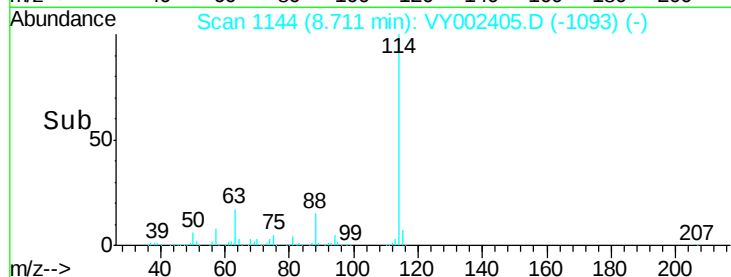
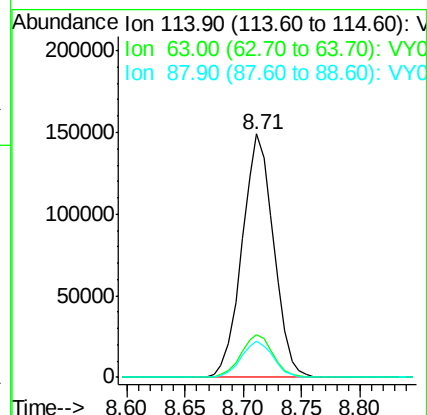
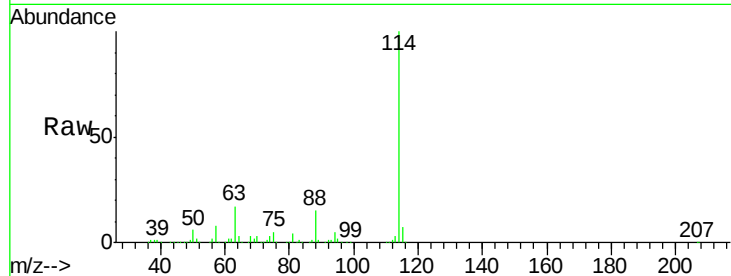




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002405.D
 Acq: 17 Apr 2020 17:26

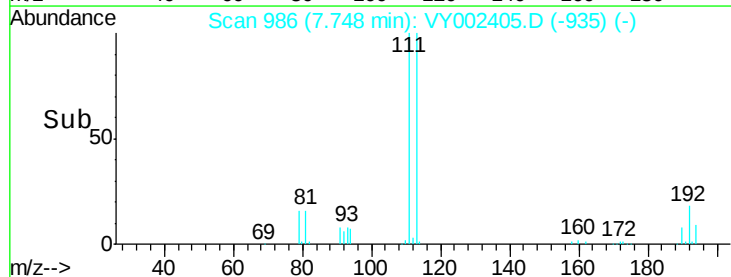
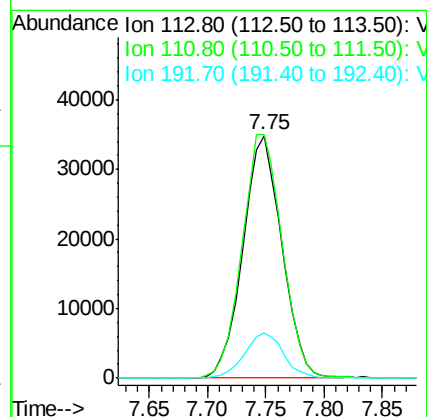
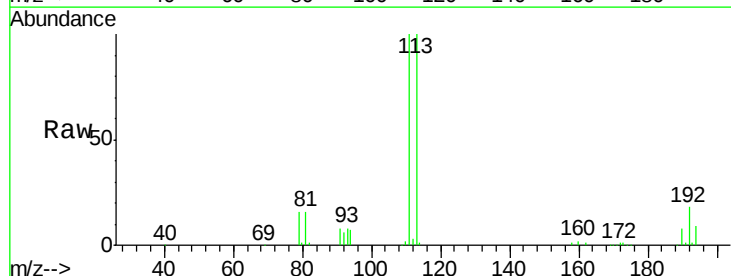
Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-9

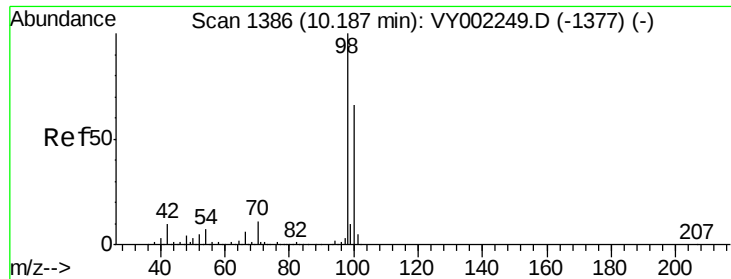
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	39.0
88	14.9	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 48.312 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002405.D
 Acq: 17 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.5	125.3
192	18.7	14.7	22.1





#50

Toluene-d8

Concen: 48.054 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002405.D

Acq: 17 Apr 2020 17:26

Instrument :

MSVOA_Y

ClientSampled :

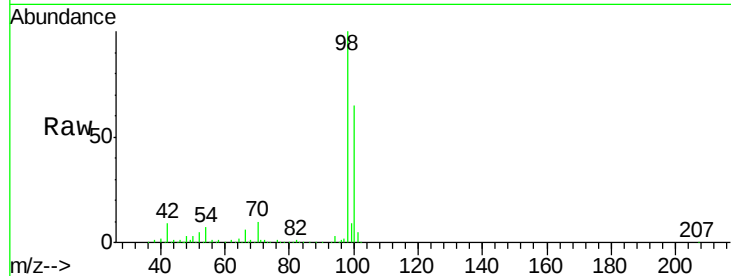
BG-9

Tot Ion: 98 Resp: 336718

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002249.D (-1377) (-)

10.19

200000

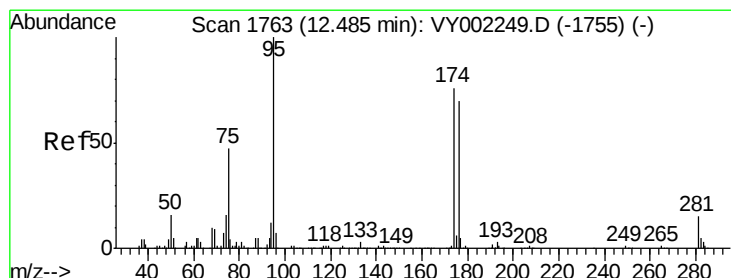
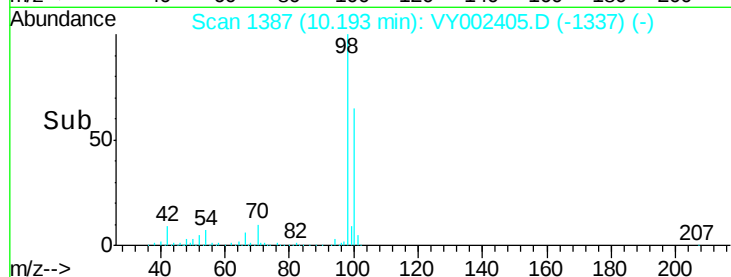
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.699 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002405.D

Acq: 17 Apr 2020 17:26

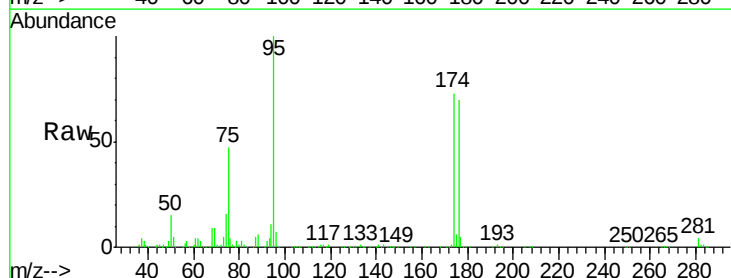
Tgt Ion: 95 Resp: 117203

Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.6

176 73.1 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.49

100000

80000

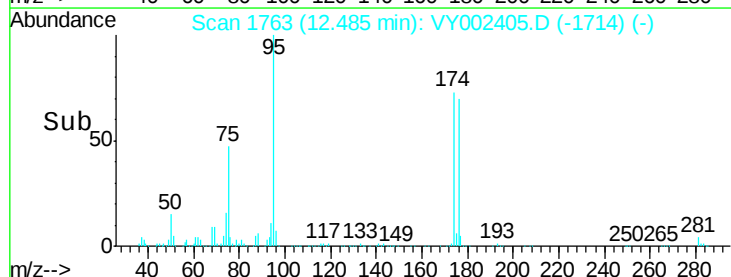
60000

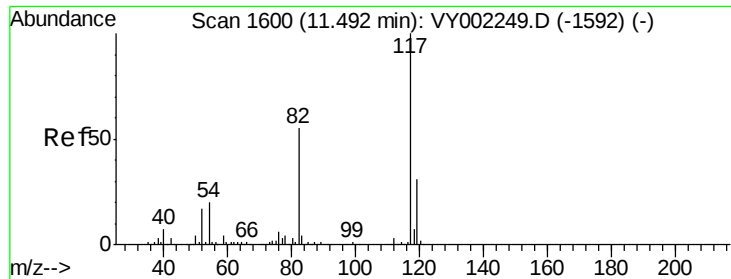
40000

20000

0

Time-->

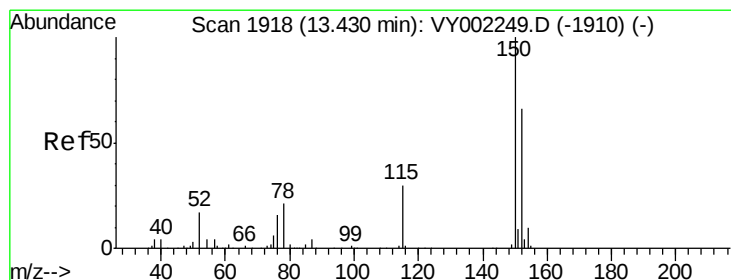
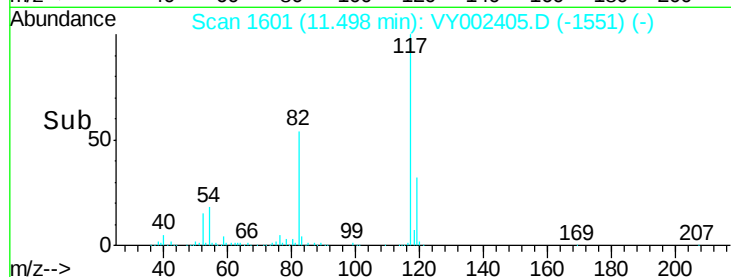
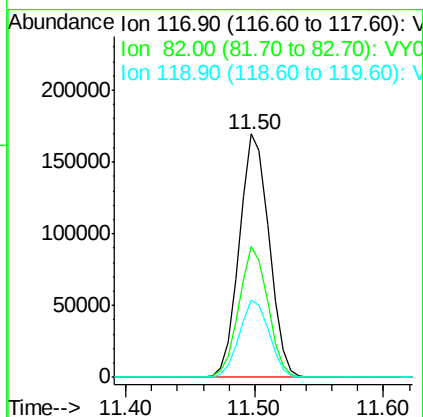
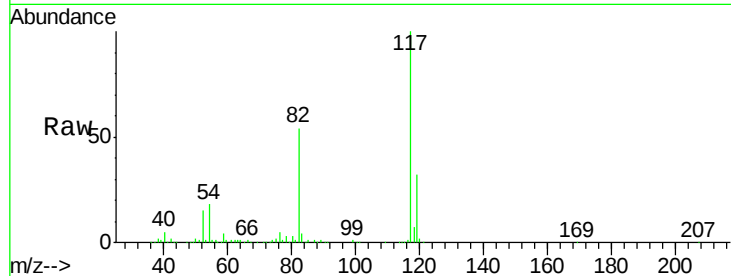




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002405.D
Acq: 17 Apr 2020 17:26

Instrument :
MSVOA_Y
ClientSampled :
BG-9

Tot Ion:117 Resp: 270241
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002405.D
Acq: 17 Apr 2020 17:26

Tgt Ion:152 Resp: 121724
Ion Ratio Lower Upper
152 100
115 59.3 30.7 92.1
150 157.9 0.0 350.6

