

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002013.D
 Acq On : 19 Mar 2020 11:54
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 20 02:28:05 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	7.82	168	147327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86433	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.74	113	82464	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	10.19	98	342990	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.49	95	114670	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

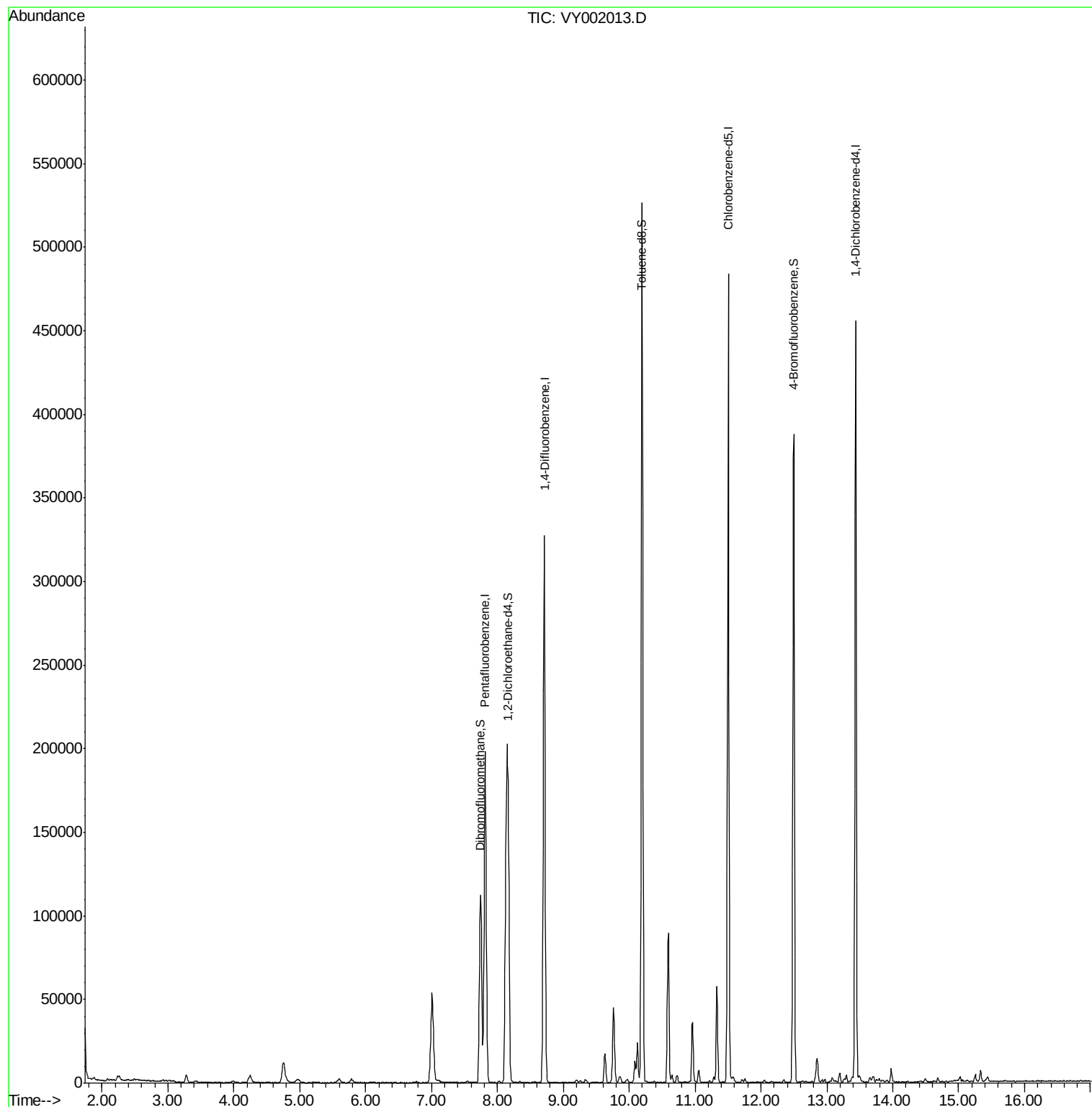
Target Compounds	Qvalue

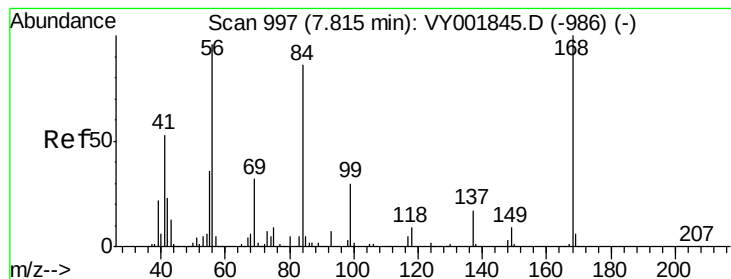
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002013.D

Acq: 19 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

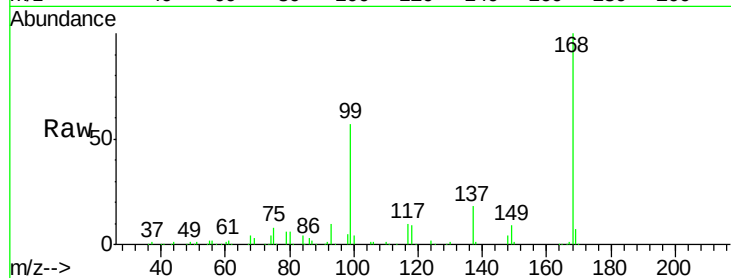
VY0319SBL01

Tot Ion:168 Resp: 147327

Ion Ratio Lower Upper

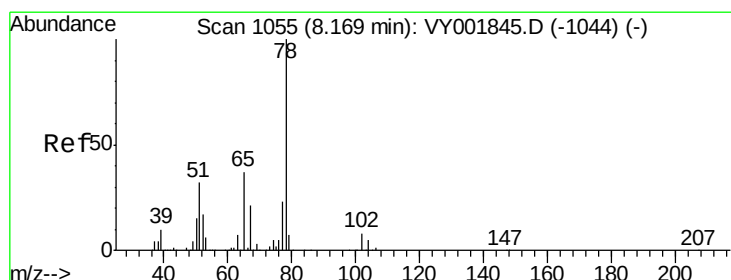
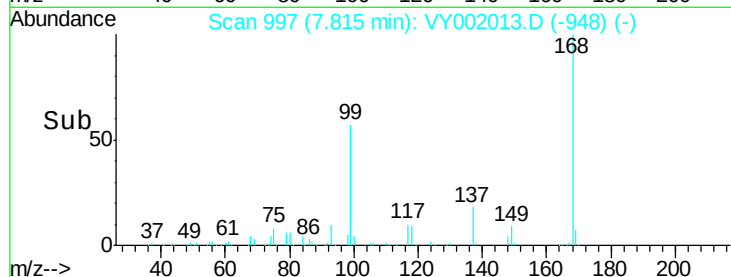
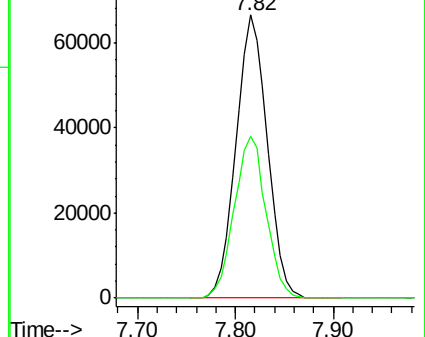
168 100

99 57.1 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.954 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002013.D

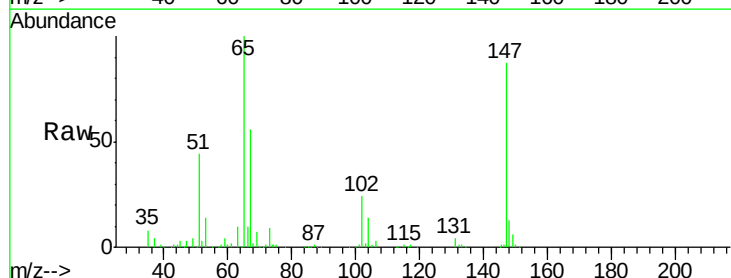
Acq: 19 Mar 2020 11:54

Tgt Ion: 65 Resp: 86433

Ion Ratio Lower Upper

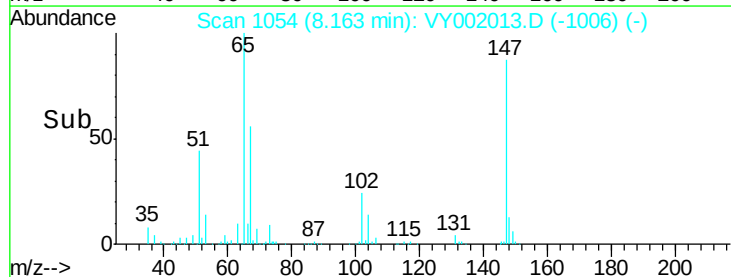
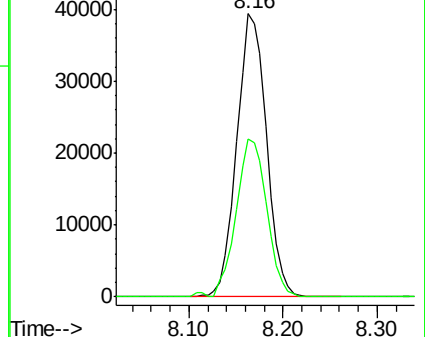
65 100

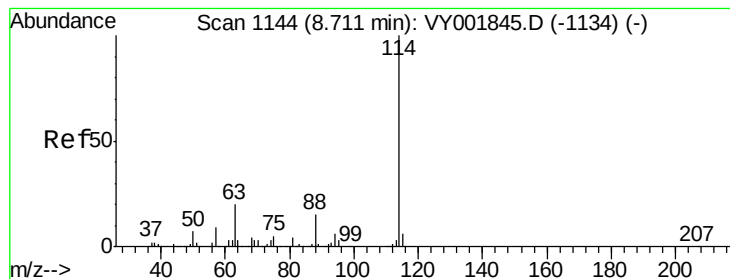
67 57.3 0.0 110.8



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

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002013.D

Acq: 19 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

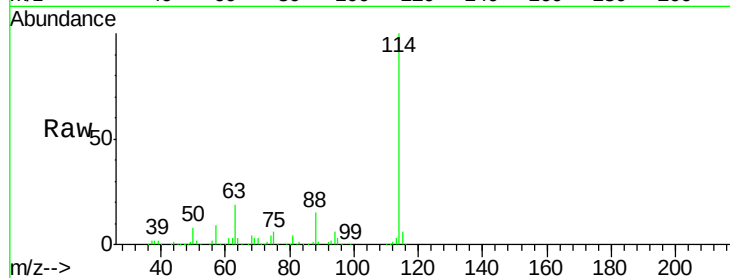
Tot Ion:114 Resp: 282478

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

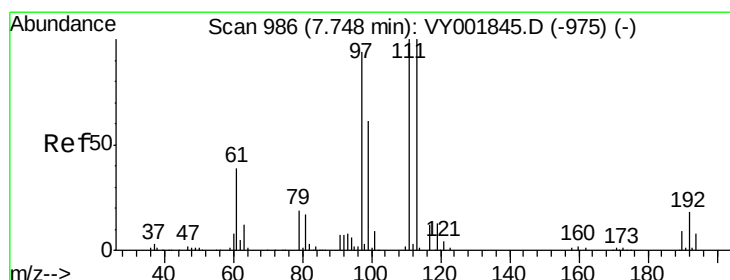
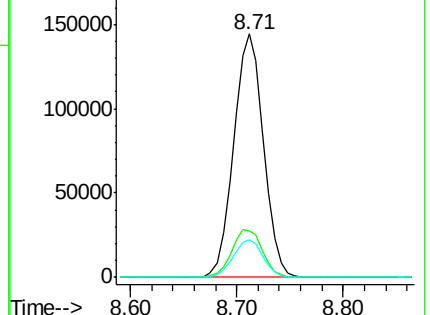
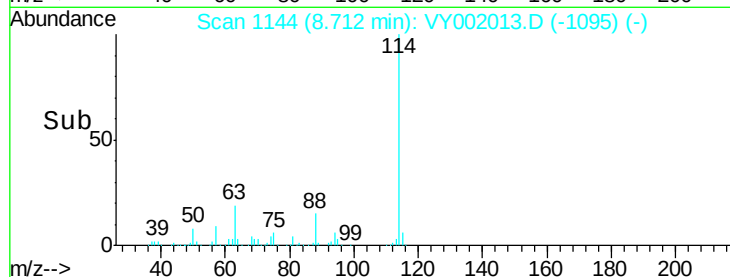
88 15.4 0.0 30.4



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: 53.463 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002013.D

Acq: 19 Mar 2020 11:54

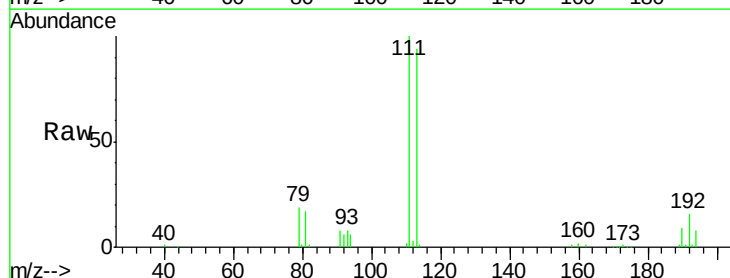
Tgt Ion:113 Resp: 82464

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

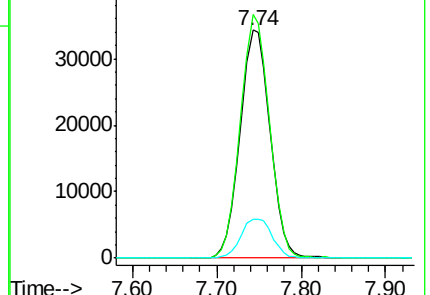
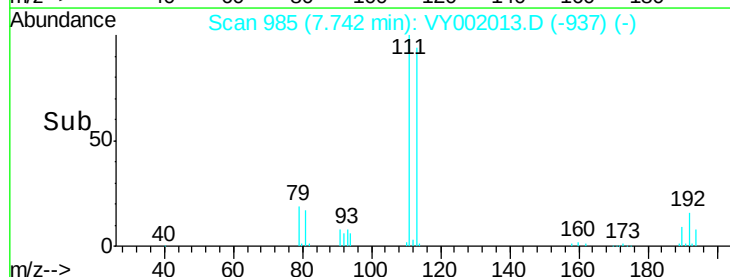
192 18.0 14.2 21.2

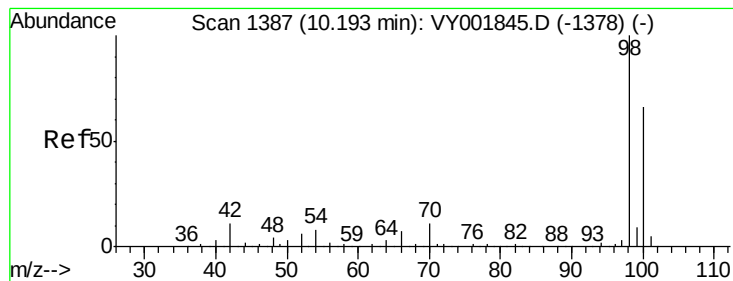


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.733 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002013.D

Acq: 19 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

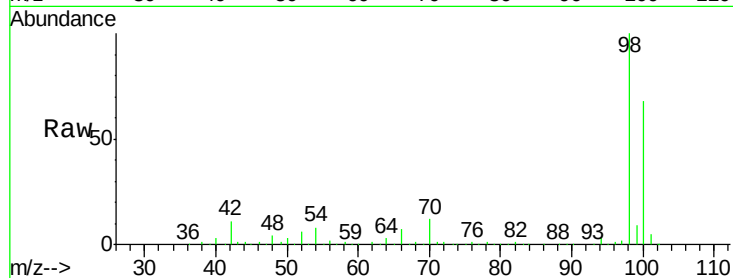
VY0319SBL01

Tot Ion: 98 Resp: 342990

Ion Ratio Lower Upper

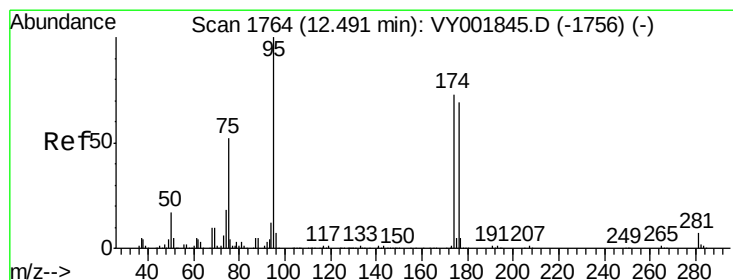
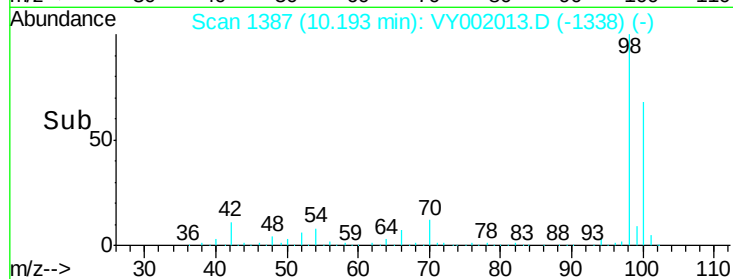
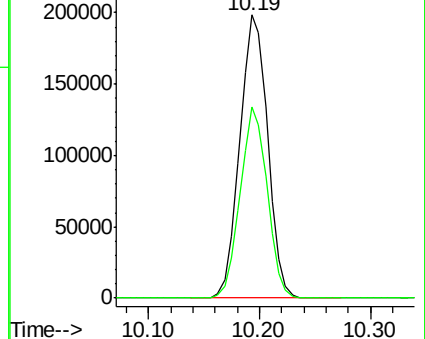
98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.703 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002013.D

Acq: 19 Mar 2020 11:54

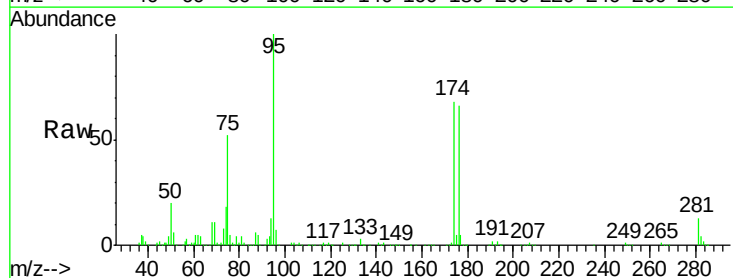
Tgt Ion: 95 Resp: 114670

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

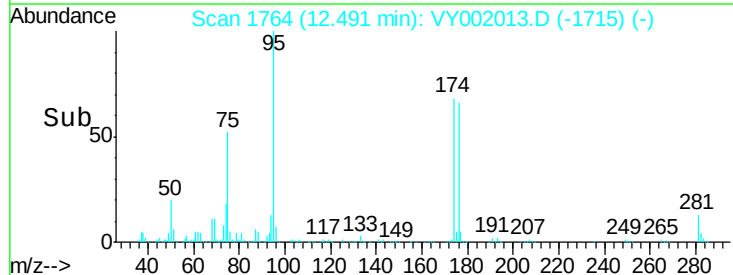
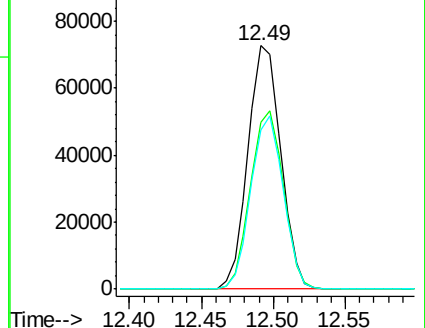
176 70.2 0.0 137.4

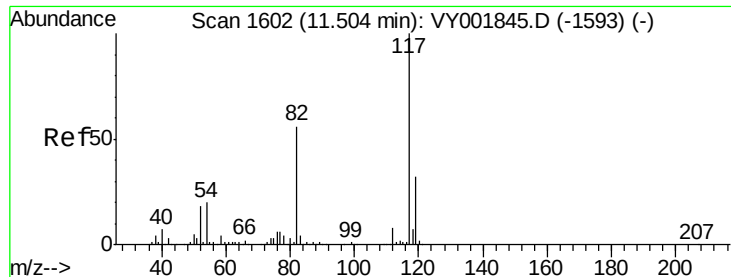


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

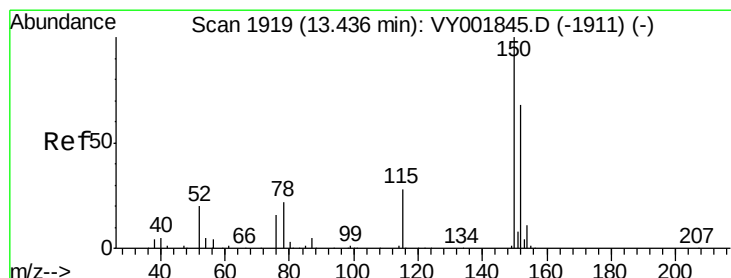
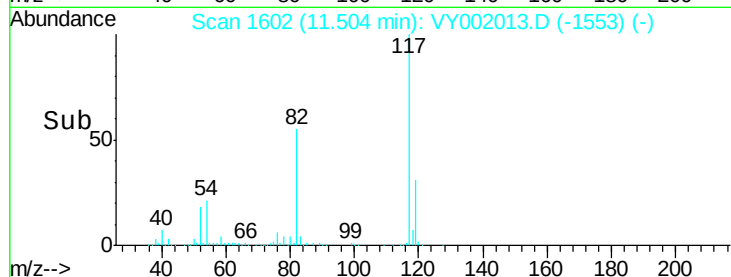
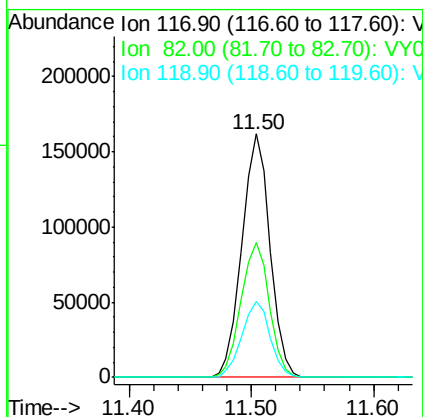
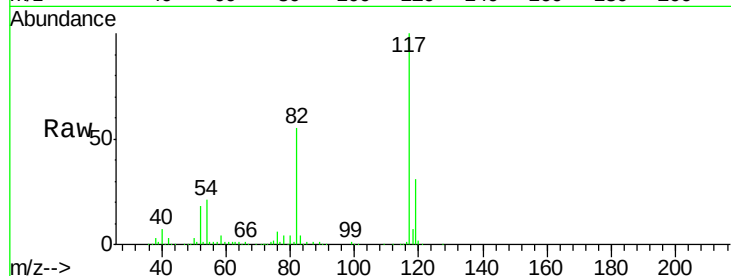




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002013.D
Acq: 19 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.5	66.7
119	31.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002013.D
Acq: 19 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	158.4	0.0	340.6

