

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002461.D
 Acq On : 23 Apr 2020 15:56
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBL01

Quant Time: Apr 24 01:56:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	310450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	480532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	432211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	209567	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	151719	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
35) Dibromofluoromethane	7.74	113	146536	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.19	98	562140	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.49	95	180257	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

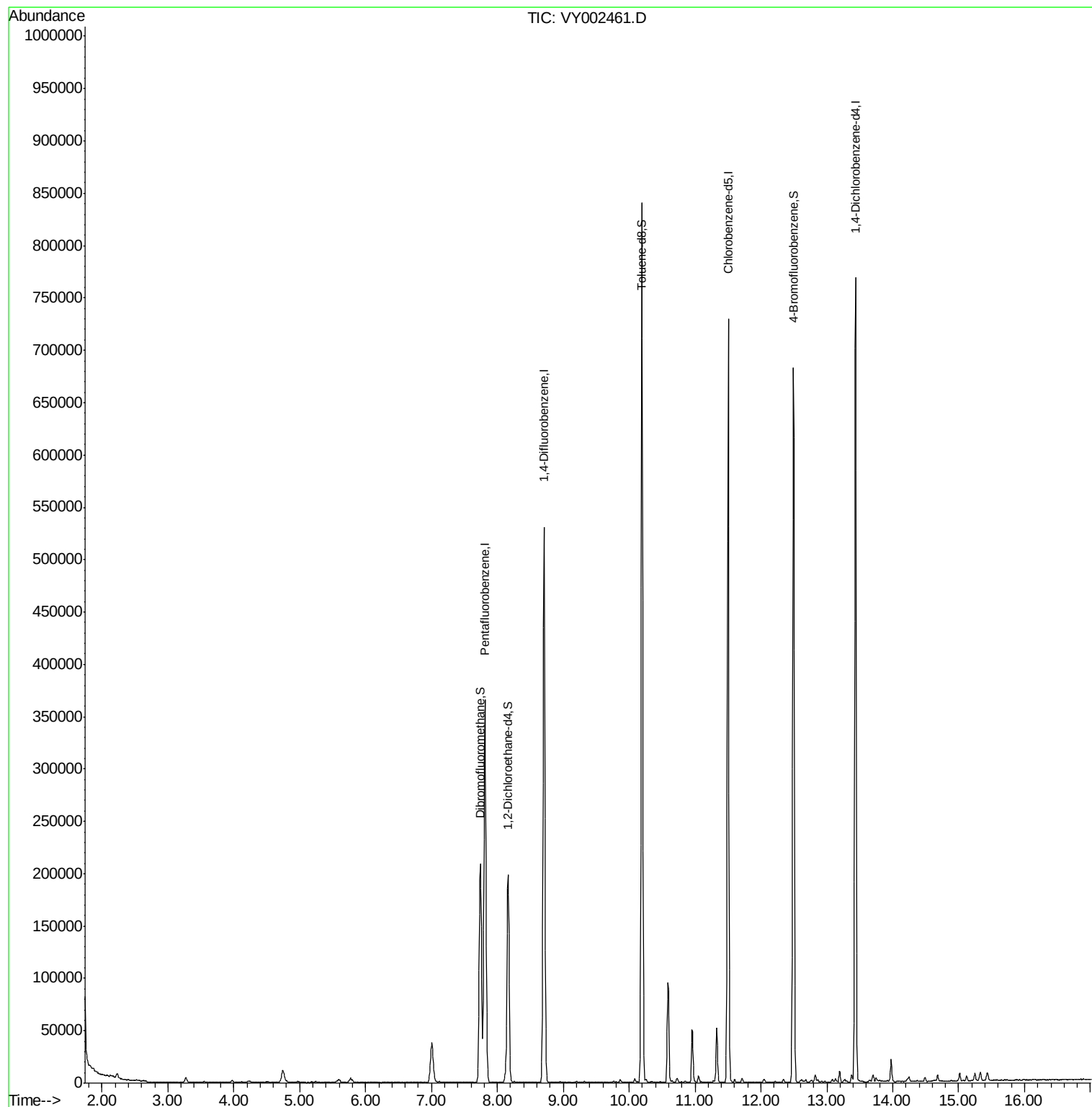
Target Compounds	Qvalue

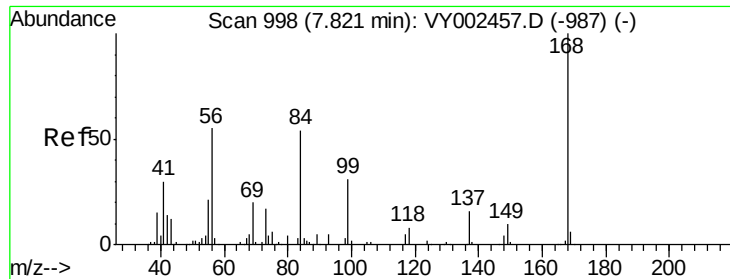
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002461.D

Acq: 23 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

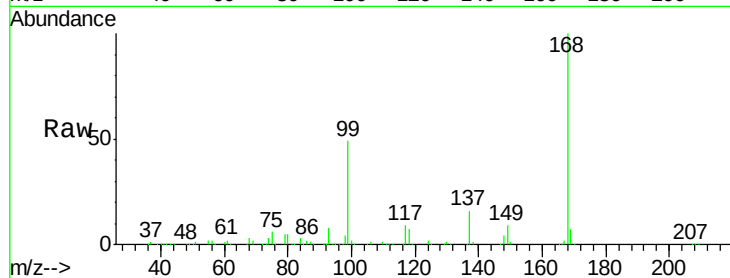
VY0423SBL01

Tot Ion:168 Resp: 310450

Ion Ratio Lower Upper

168 100

99 48.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

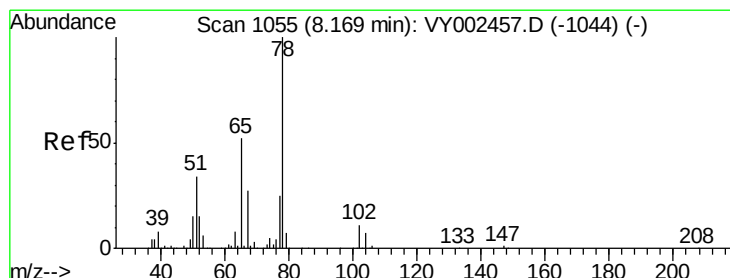
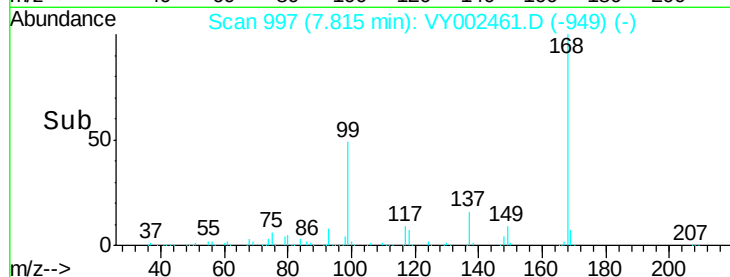
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.914 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002461.D

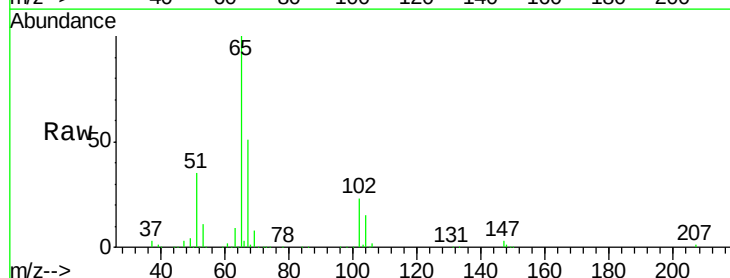
Acq: 23 Apr 2020 15:56

Tgt Ion: 65 Resp: 151719

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

80000

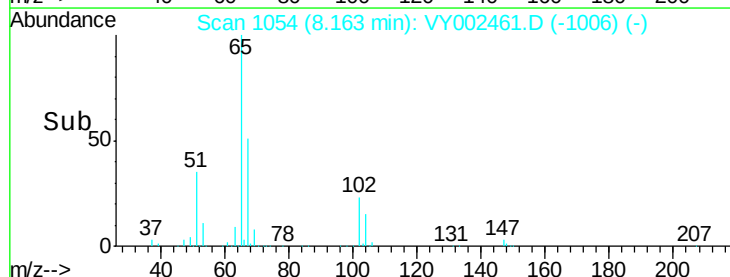
60000

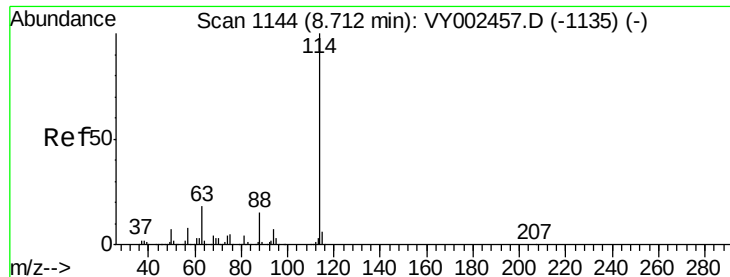
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002461.D

Acq: 23 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

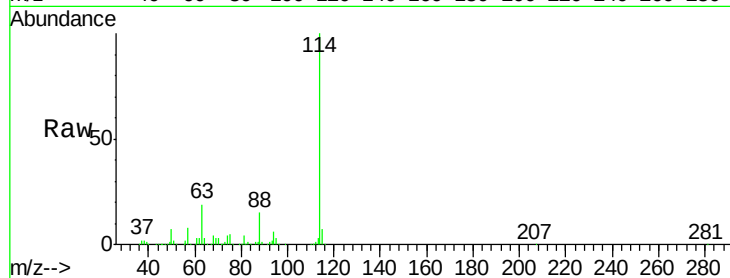
Tot Ion:114 Resp: 480532

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

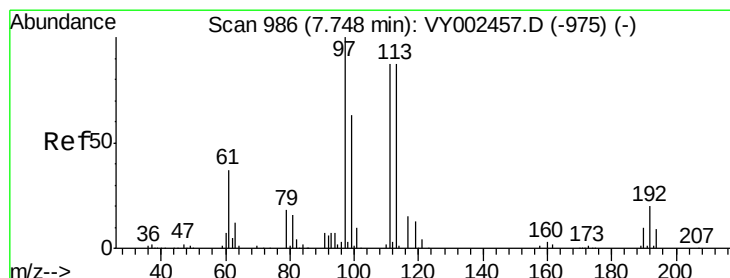
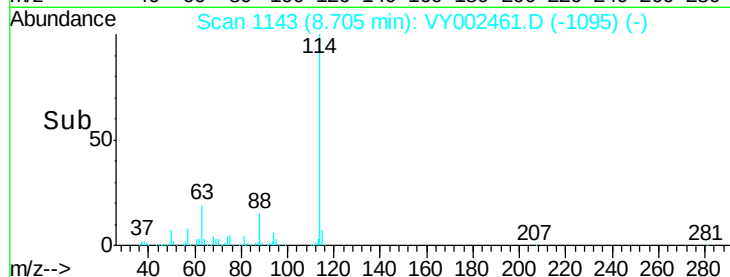
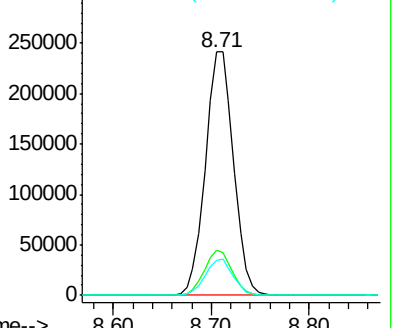
88 14.6 0.0 29.4



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: 54.063 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002461.D

Acq: 23 Apr 2020 15:56

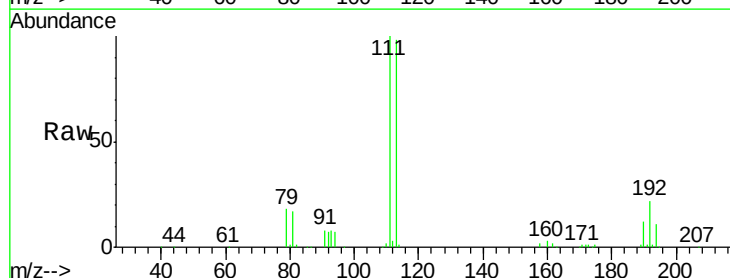
Tgt Ion:113 Resp: 146536

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.4

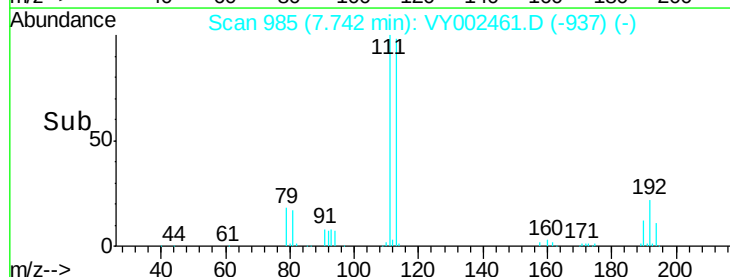
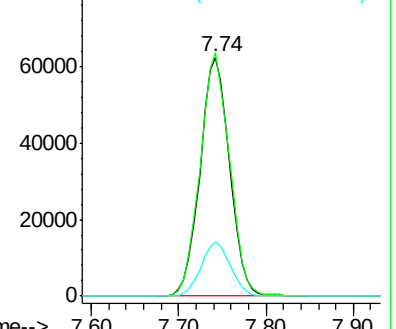
192 22.8 18.6 27.8

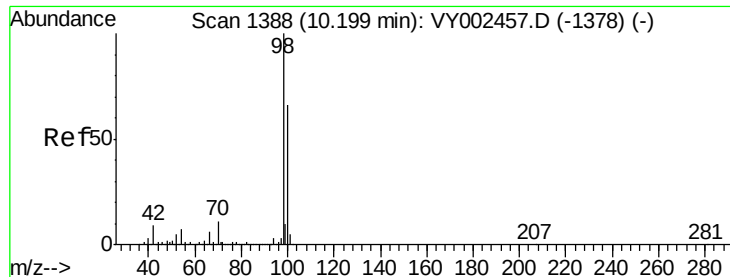


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

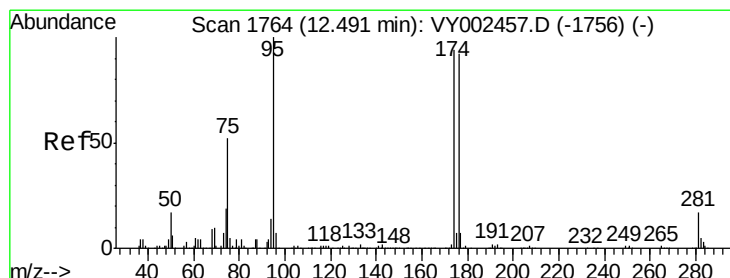
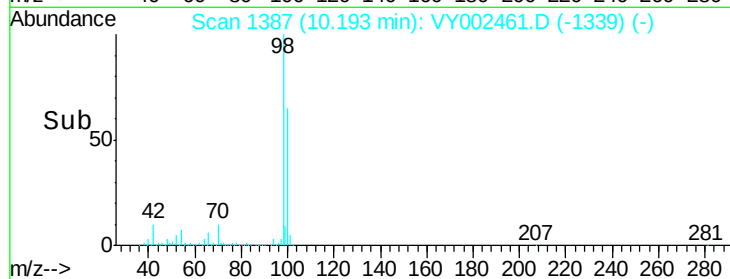
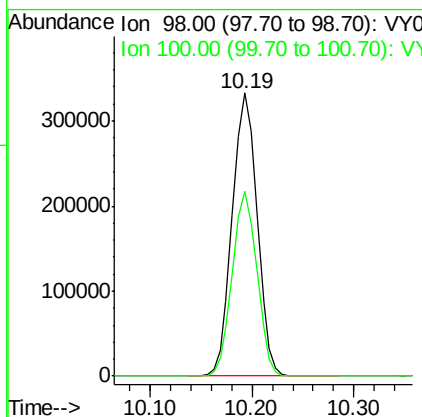
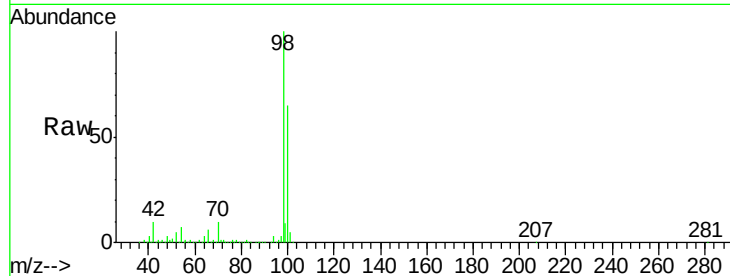




#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

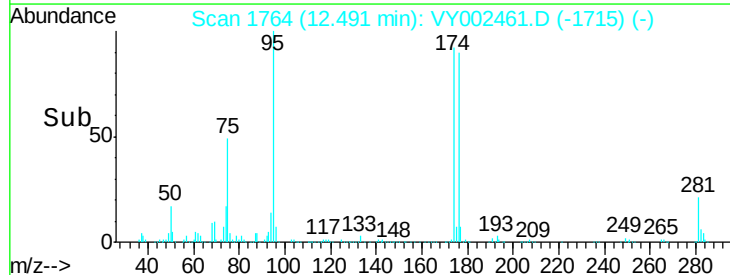
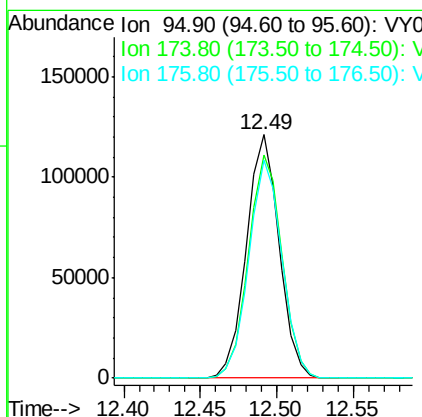
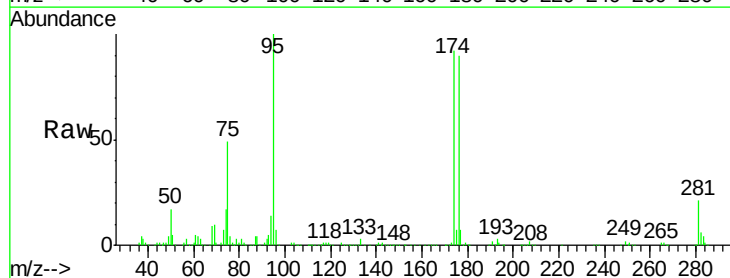
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

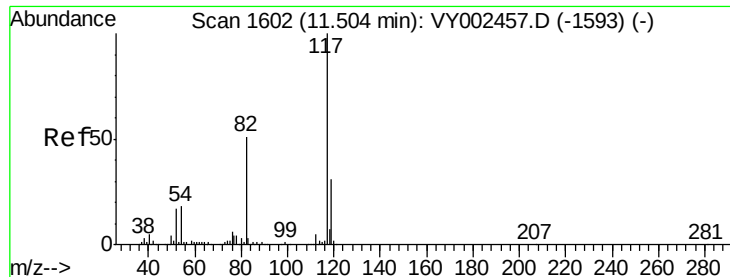
Tot Ion: 98 Resp: 562140
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion: 95 Resp: 180257
Ion Ratio Lower Upper
95 100
174 93.8 0.0 193.0
176 90.9 0.0 190.4

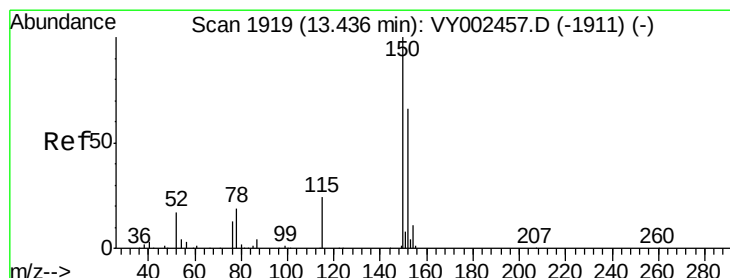
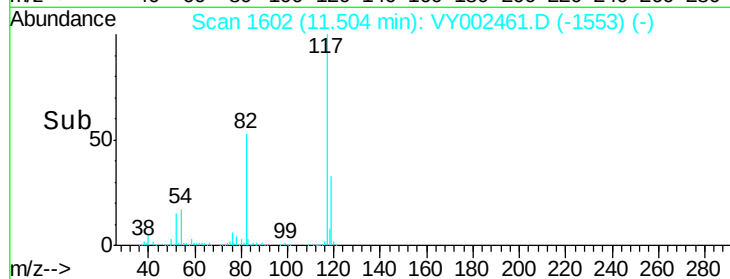
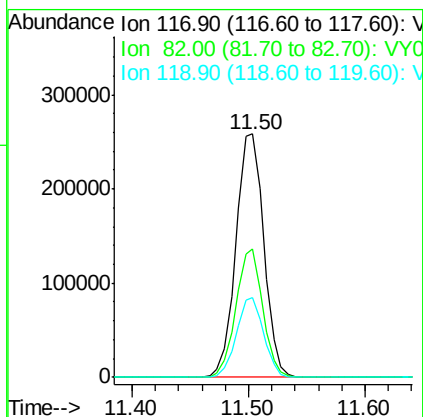
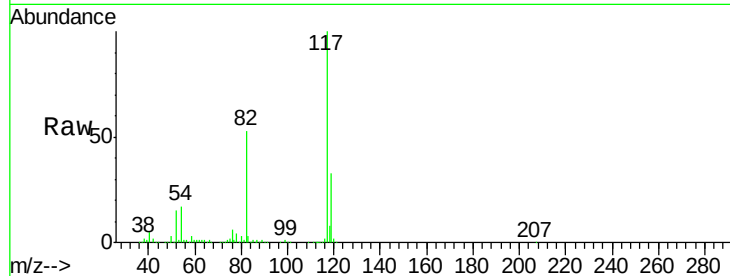




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

Tot Ion:117 Resp: 432211
Ion Ratio Lower Upper
117 100
82 52.7 40.8 61.2
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002461.D
Acq: 23 Apr 2020 15:56

Tgt Ion:152 Resp: 209567
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.8
150 155.5 0.0 346.8

