

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
 Data File : VY002032.D
 Acq On : 20 Mar 2020 11:09
 Operator : SY/MD
 Sample : VY0320SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Quant Time: Mar 23 07:26:42 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	145735	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	279562	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	259549	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	110995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90673	58.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.56%	
35) Dibromofluoromethane	7.73	113	83749	54.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.72%	
50) Toluene-d8	10.19	98	340808	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.49	95	116912	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

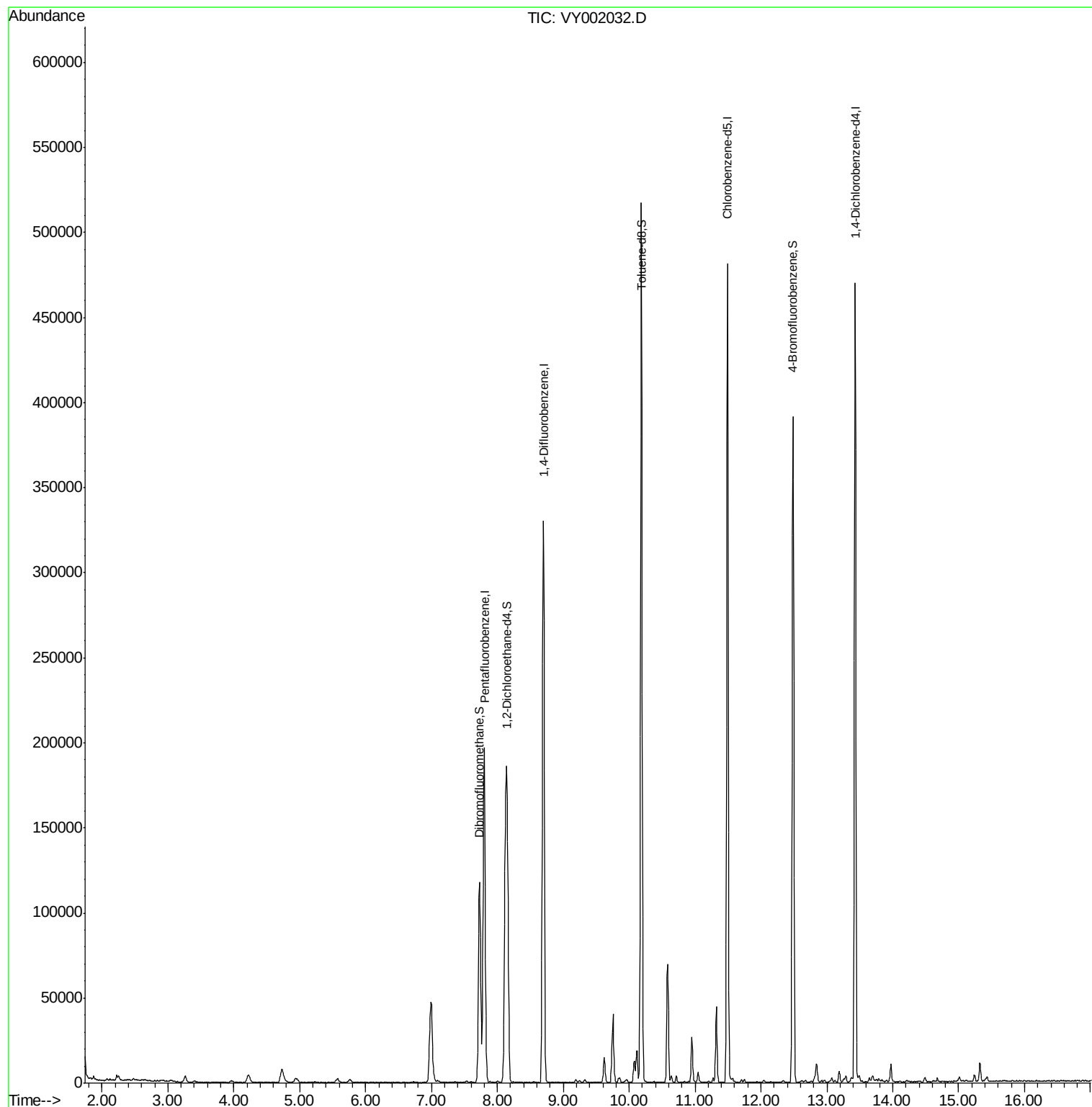
Target Compounds	Qvalue

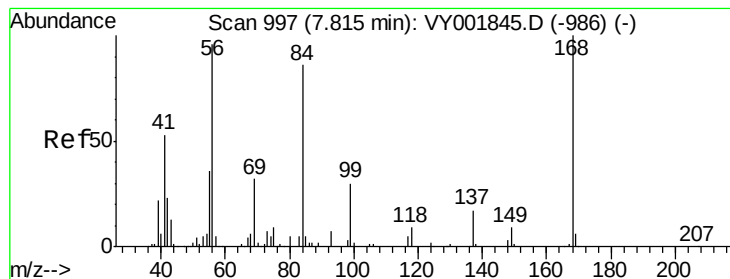
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY002032.D

Acq: 20 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

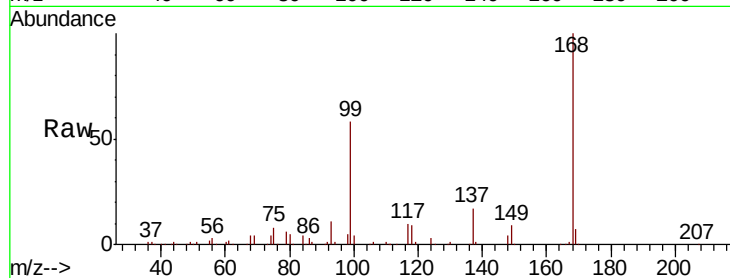
VY0320SBL01

Tot Ion:168 Resp: 145735

Ion Ratio Lower Upper

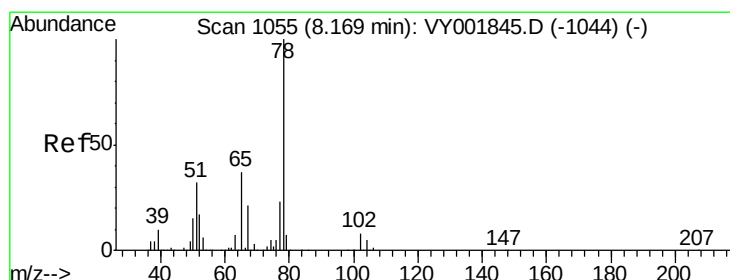
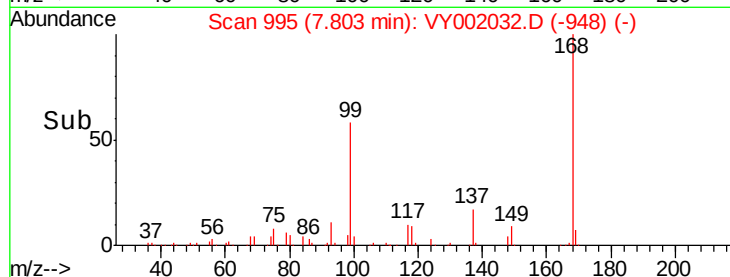
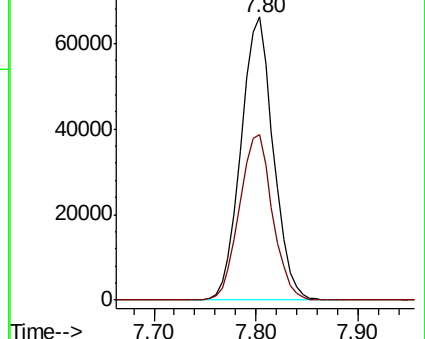
168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.280 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002032.D

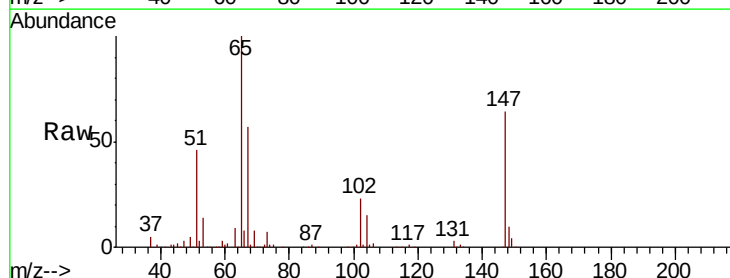
Acq: 20 Mar 2020 11:09

Tgt Ion: 65 Resp: 90673

Ion Ratio Lower Upper

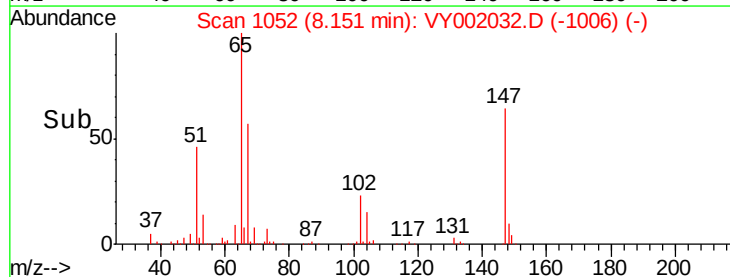
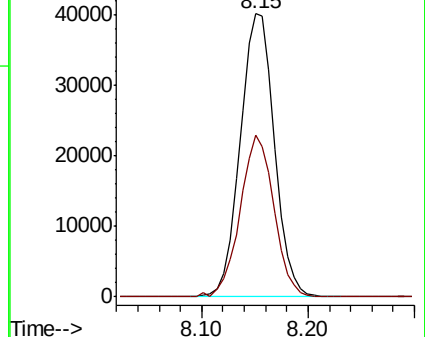
65 100

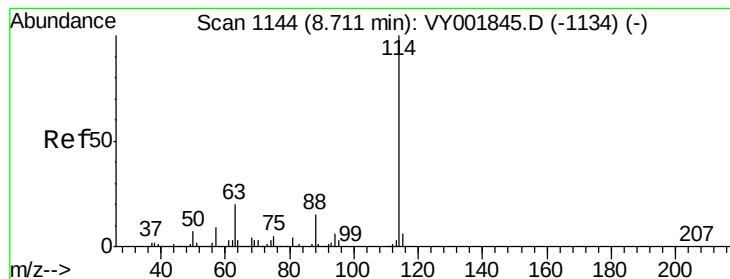
67 56.1 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002032.D

Acq: 20 Mar 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBL01

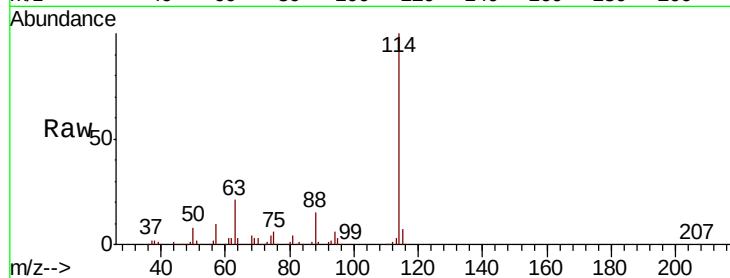
Tot Ion:114 Resp: 279562

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

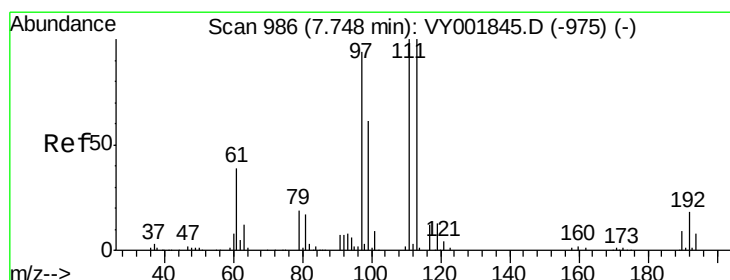
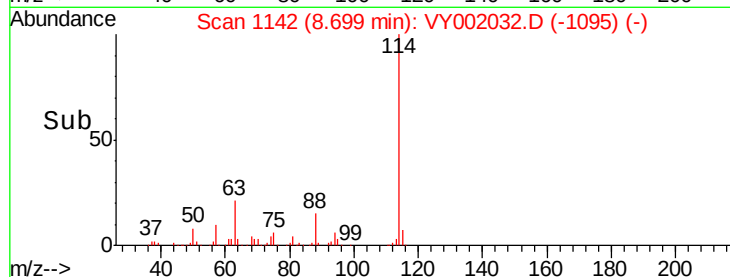
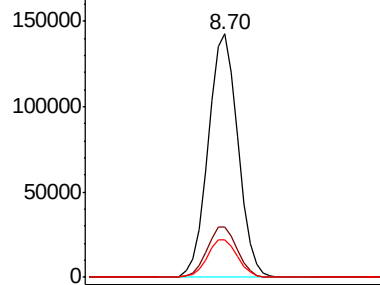
88 15.4 0.0 30.4



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: 54.862 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002032.D

Acq: 20 Mar 2020 11:09

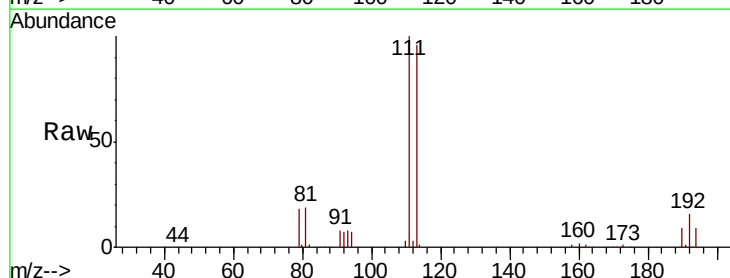
Tgt Ion:113 Resp: 83749

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

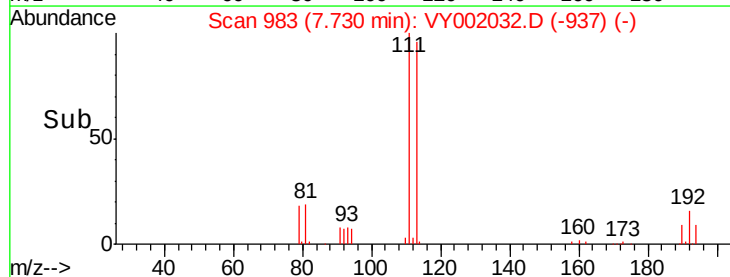
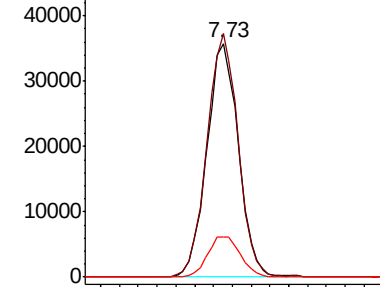
192 17.8 14.2 21.2

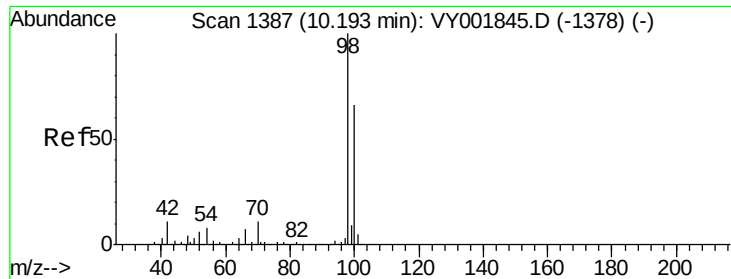


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

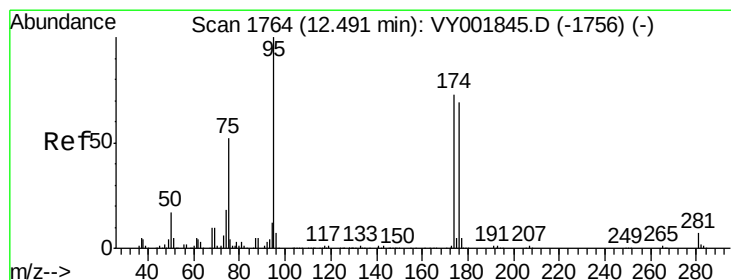
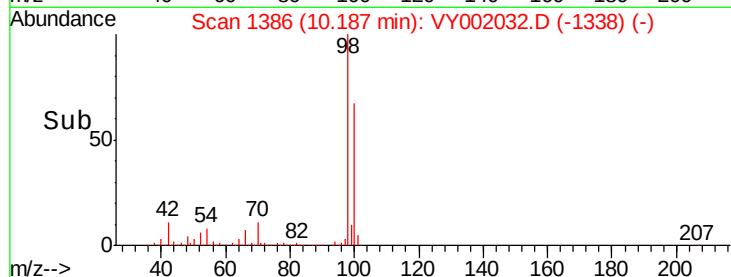
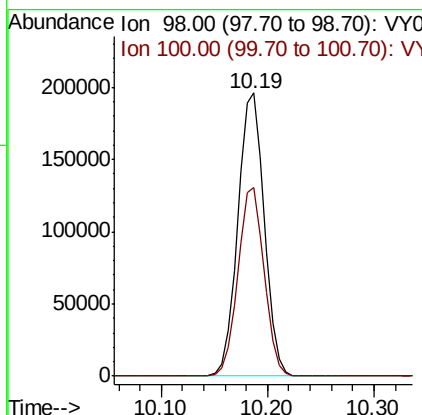
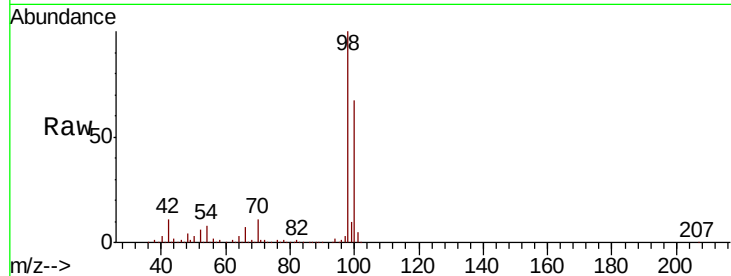




#50
Toluene-d8
Concen: 52.944 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

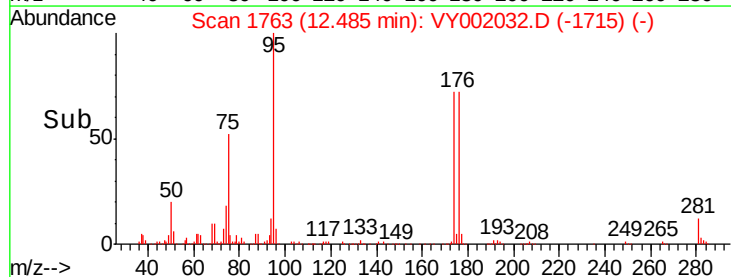
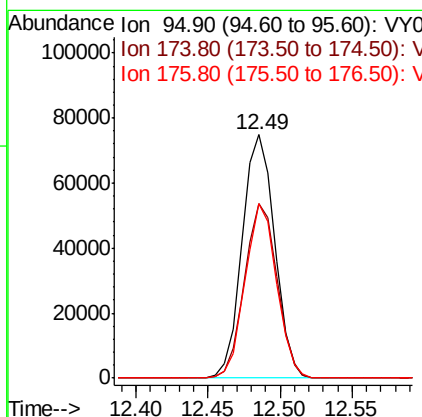
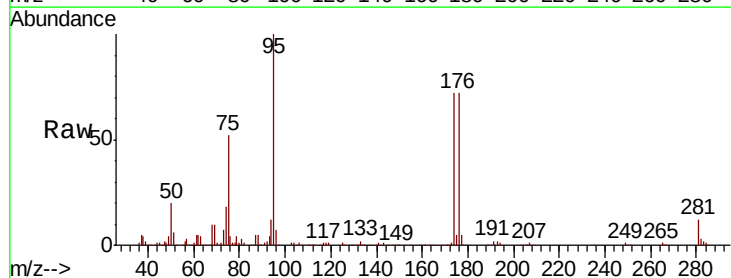
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

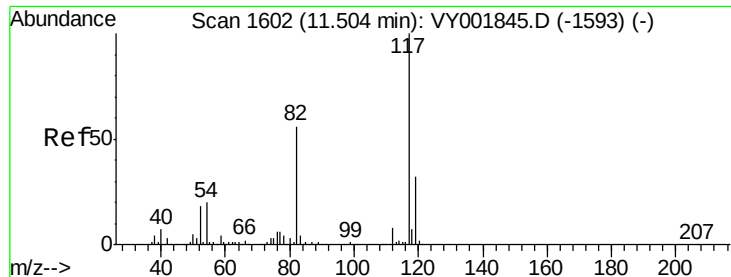
Tot Ion: 98 Resp: 340808
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.233 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Tgt Ion: 95 Resp: 116912
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.0
176 69.2 0.0 137.4

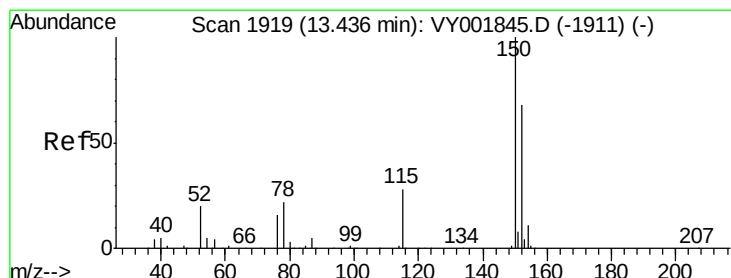
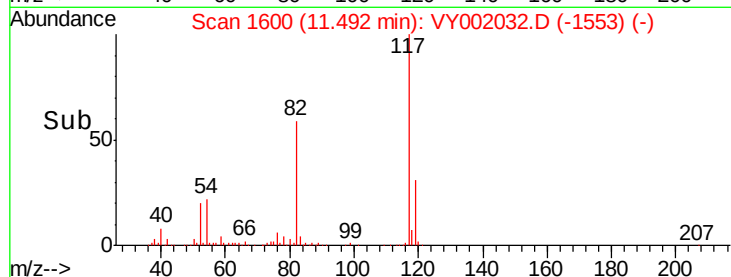
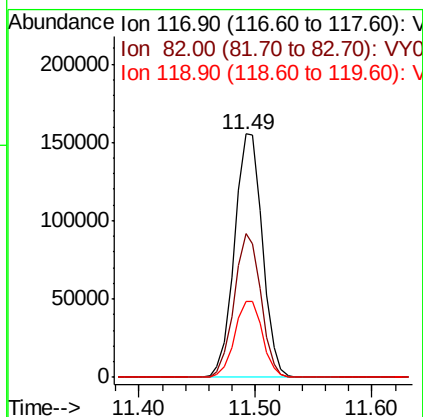
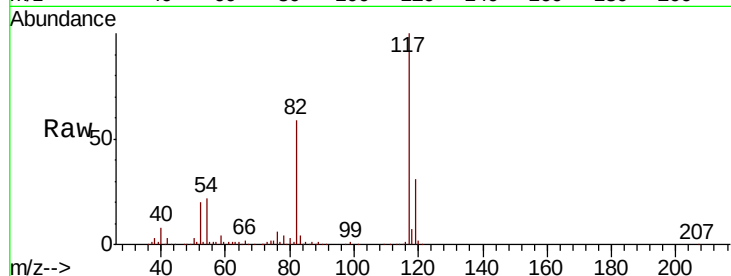




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.5	66.7
119	31.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002032.D
Acq: 20 Mar 2020 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.9	89.7
150	157.2	0.0	340.6

