

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001887.D
 Acq On : 05 Mar 2020 17:12
 Operator : SY/MD
 Sample : L1778-26RE
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE

Quant Time: Mar 06 05:42:49 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	129218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	195087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	63353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80577	58.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.82%	
35) Dibromofluoromethane	7.74	113	71923	53.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.44%	
50) Toluene-d8	10.19	98	284136	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.49	95	77819	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.54%	

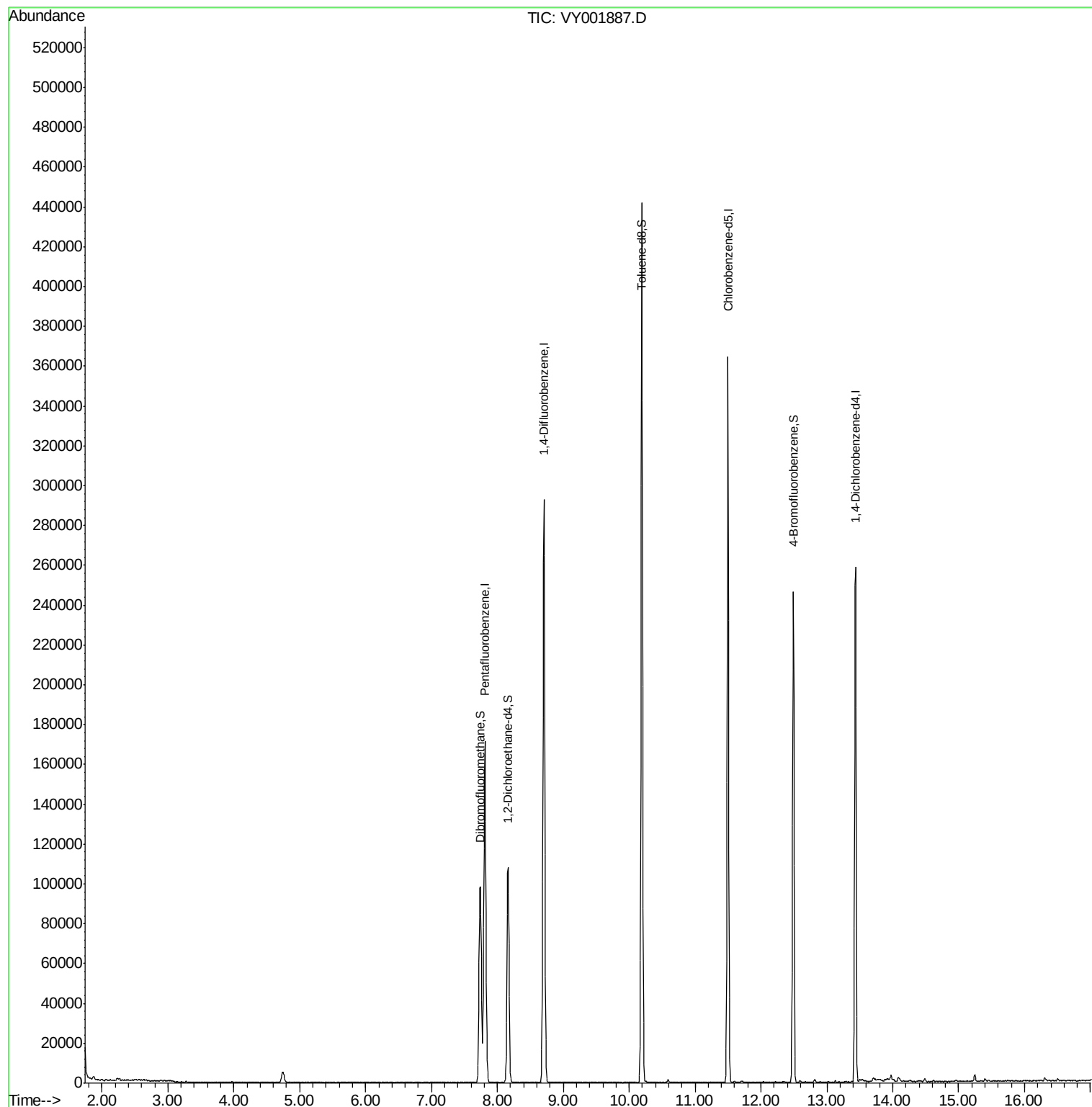
Target Compounds Qvalue

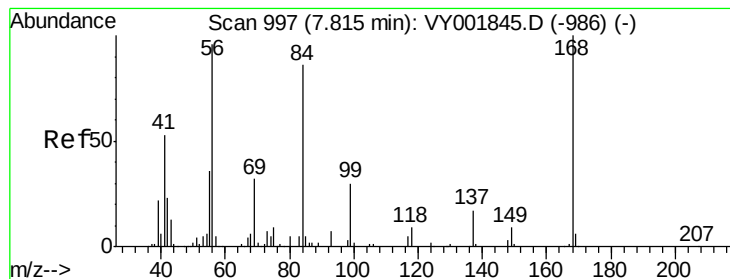
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

ClientSampled :

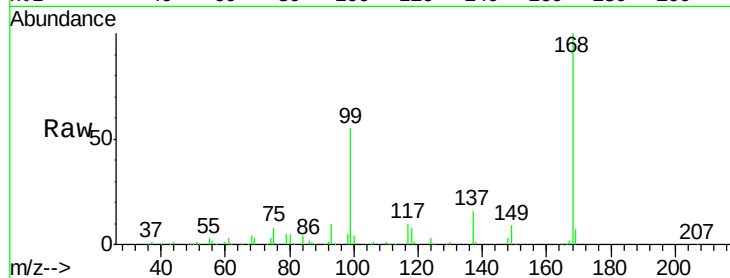
S8RE

Tot Ion:168 Resp: 129218

Ion Ratio Lower Upper

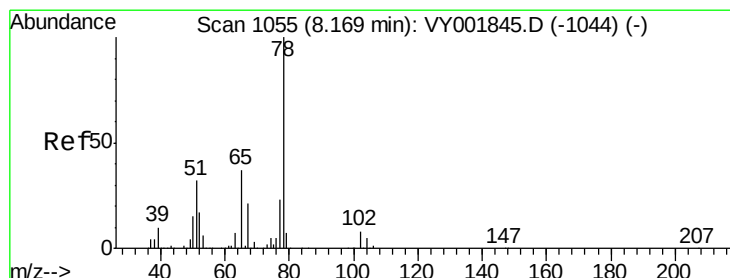
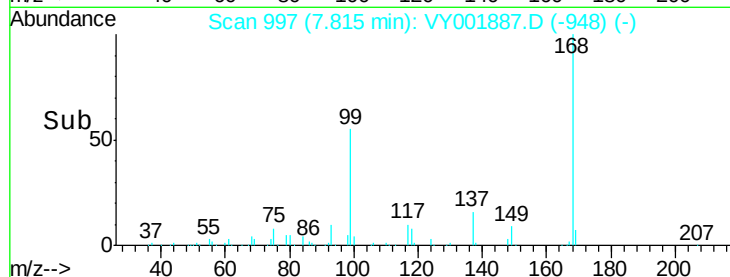
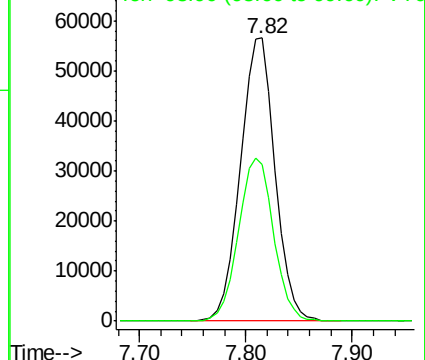
168 100

99 55.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001887.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001887.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.411 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001887.D

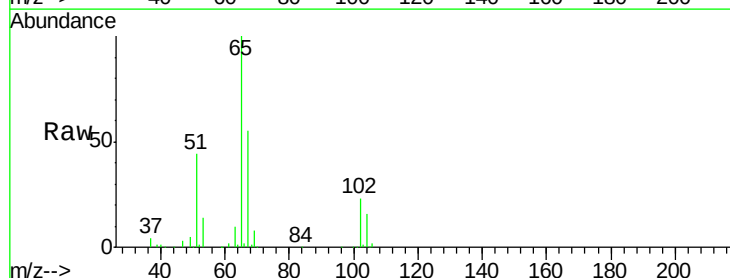
Acq: 05 Mar 2020 17:12

Tgt Ion: 65 Resp: 80577

Ion Ratio Lower Upper

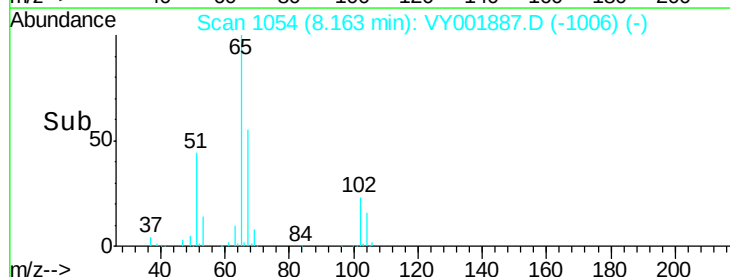
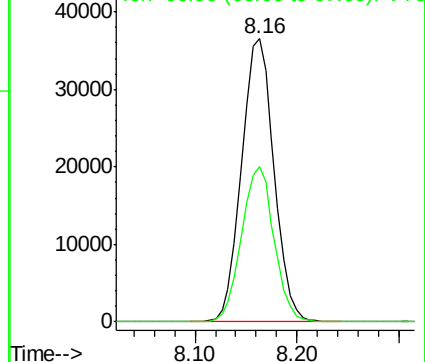
65 100

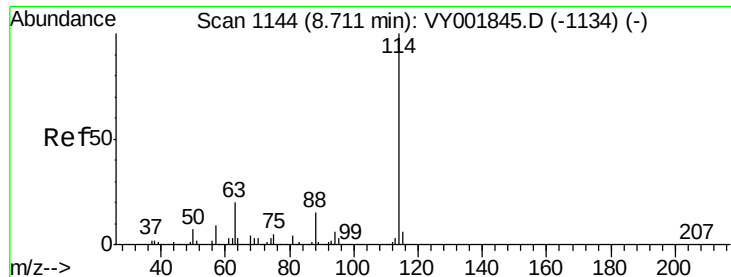
67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001887.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001887.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

S8RE

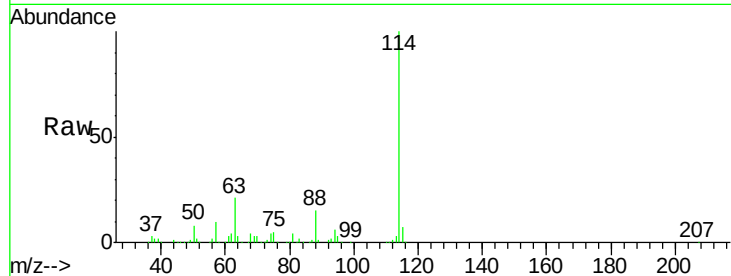
Tot Ion:114 Resp: 247509

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

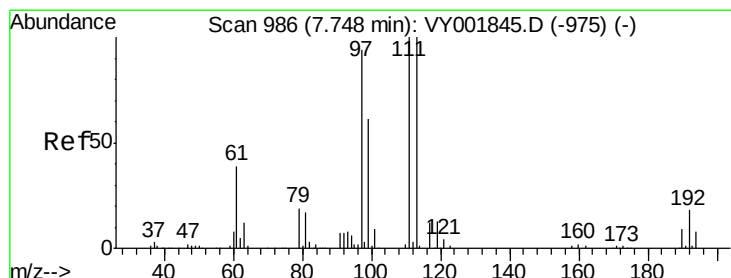
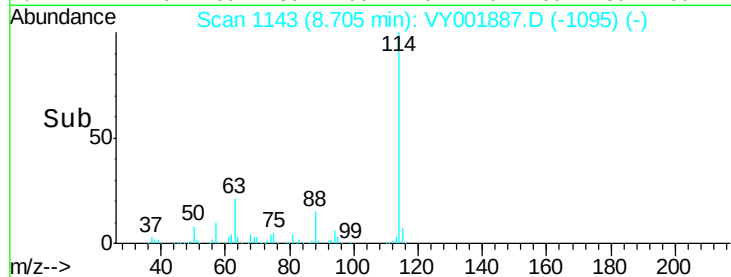
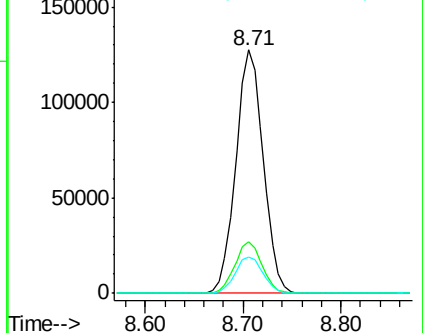
88 15.0 0.0 30.4



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: 53.217 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

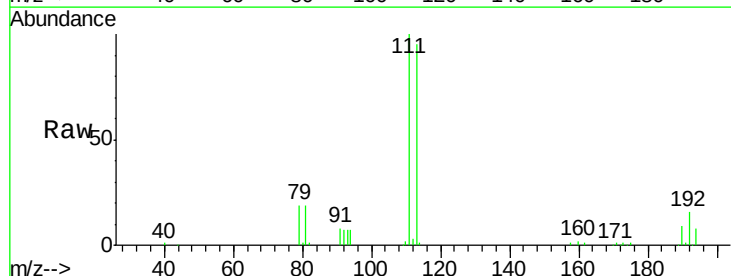
Tgt Ion:113 Resp: 71923

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

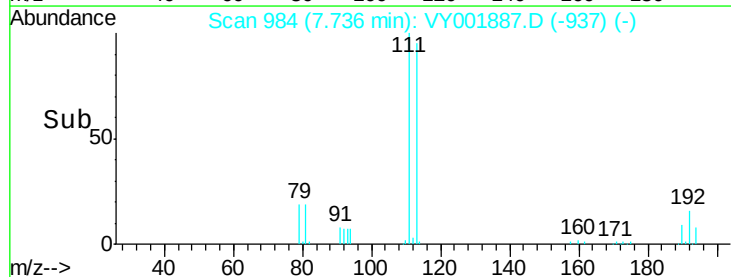
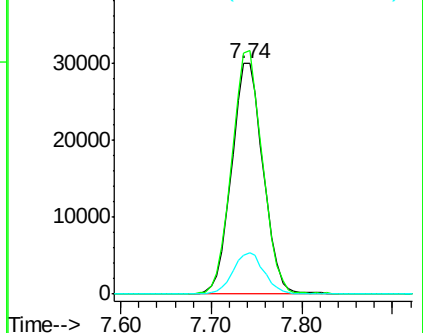
192 17.5 14.2 21.2

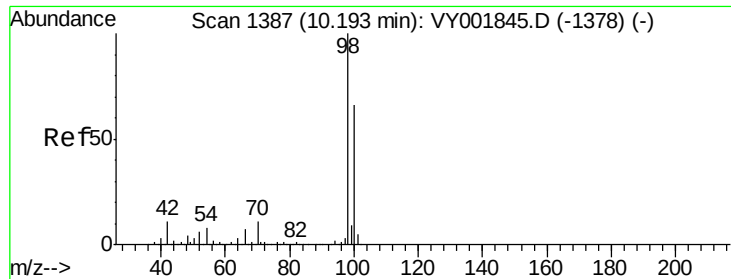


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

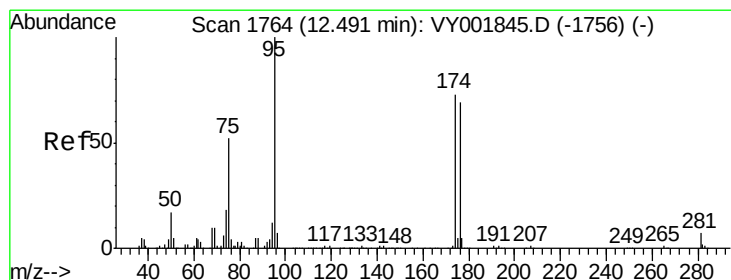
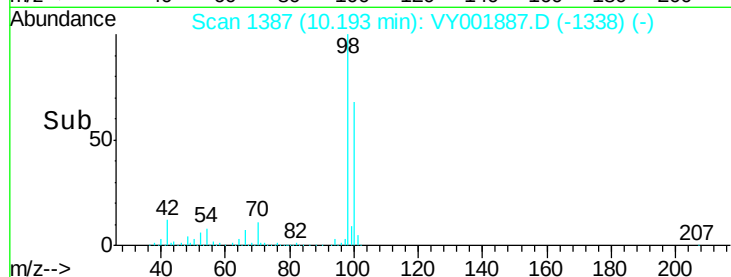
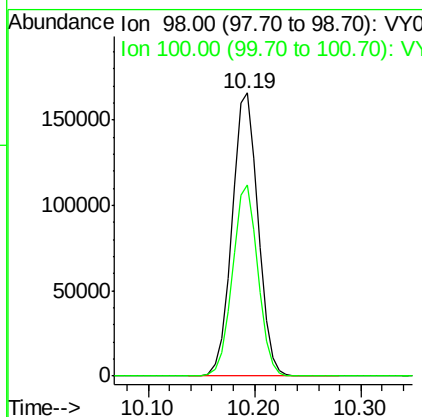
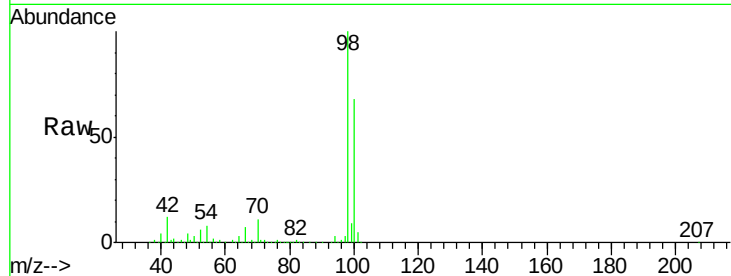




#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

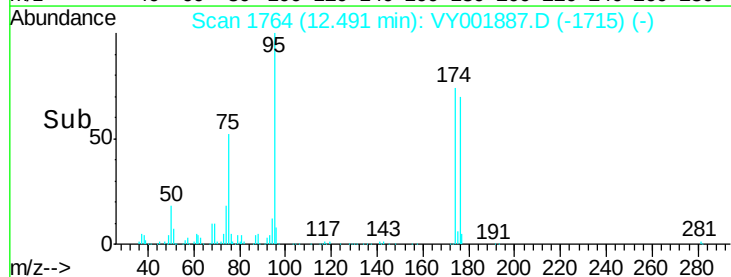
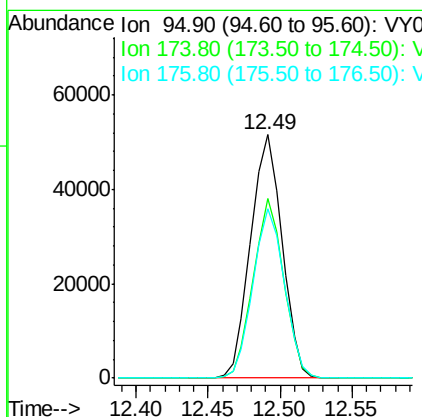
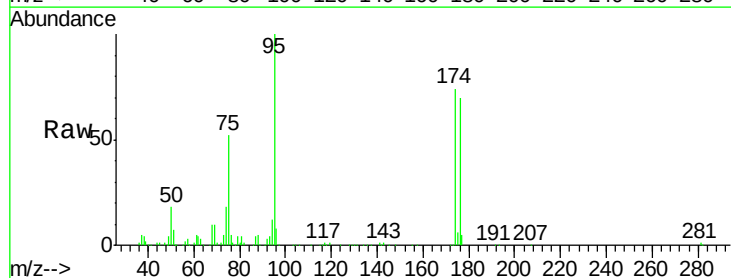
Instrument :
MSVOA_Y
ClientSampleId :
S8RE

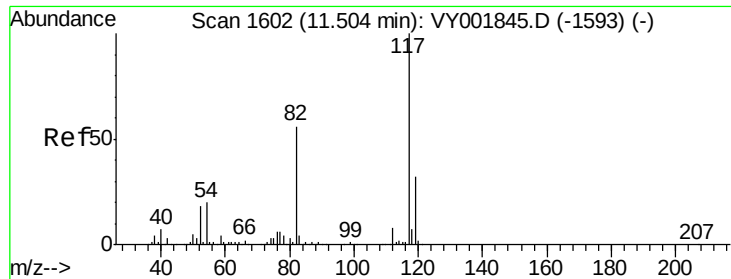
Tot Ion: 98 Resp: 284136
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 39.270 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

Tgt Ion: 95 Resp: 77819
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 69.5 0.0 137.4

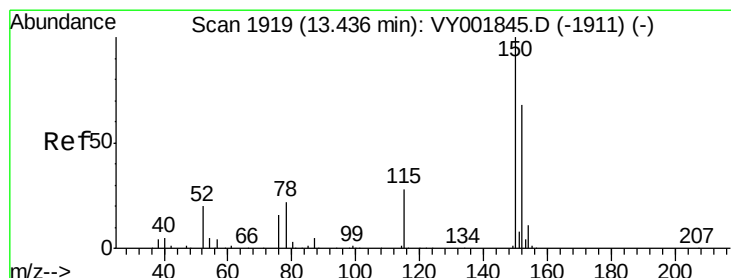
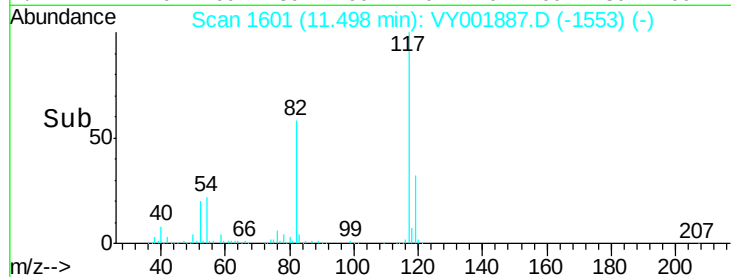
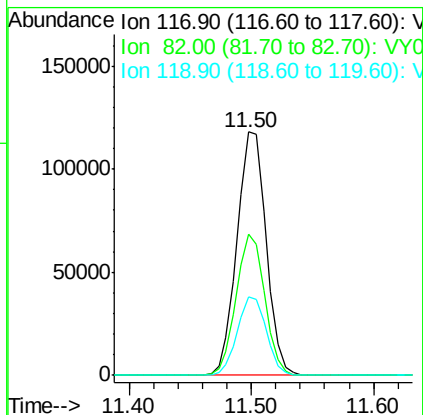
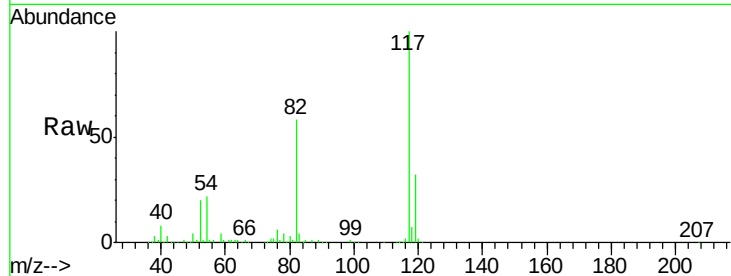




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

Instrument :
MSVOA_Y
ClientSampleId :
S8RE

Tot Ion:117 Resp: 195087
Ion Ratio Lower Upper
117 100
82 58.1 44.5 66.7
119 32.5 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: VY001887.D
Acq: 05 Mar 2020 17:12

Tgt Ion:152 Resp: 63353
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 157.7 0.0 340.6

