

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001300.D
 Acq On : 20 Jan 2020 16:55
 Operator : SY/MD
 Sample : L1164-02
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-01-51-52

Quant Time: Jan 21 07:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	349837	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	324724	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	150585	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	113448	56.07	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.74	113	104897	51.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.19	98	416738	52.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.49	95	157074	48.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.36%	

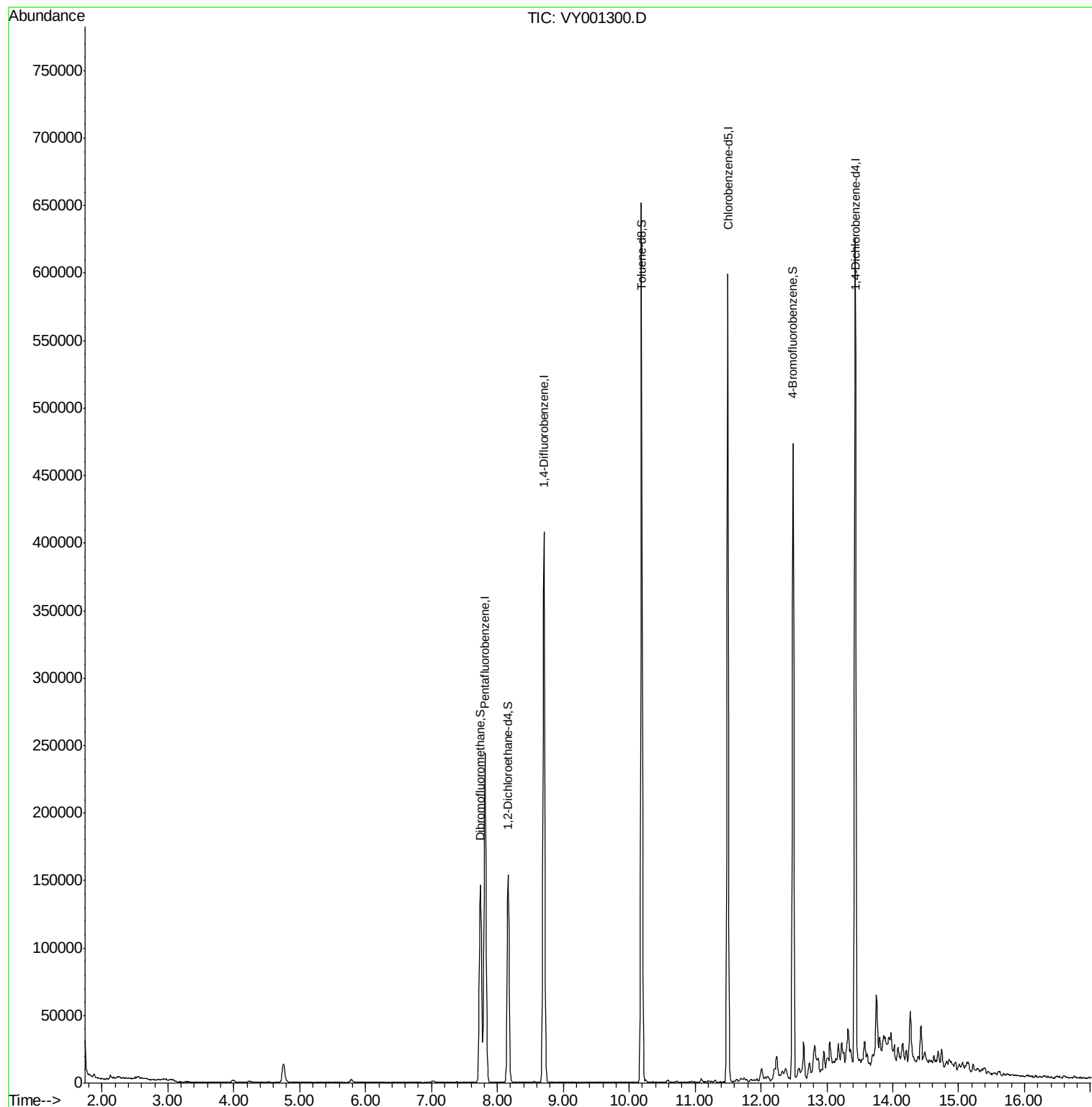
Target Compounds	Qvalue

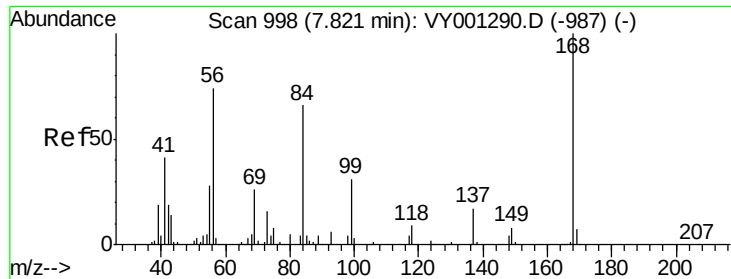
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001300.D

Acq: 20 Jan 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

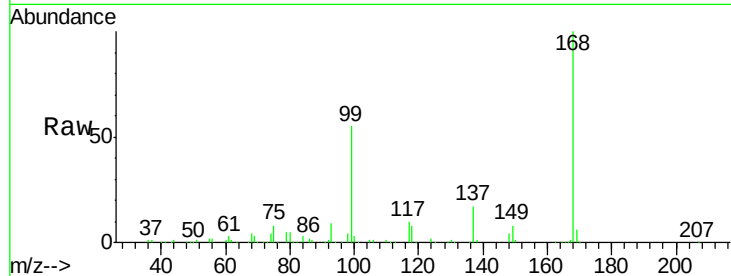
QVD-SB-01-51-52

Tot Ion:168 Resp: 191570

Ion Ratio Lower Upper

168 100

99 55.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.82

80000

60000

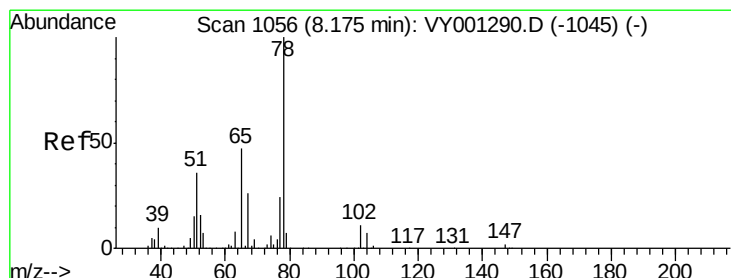
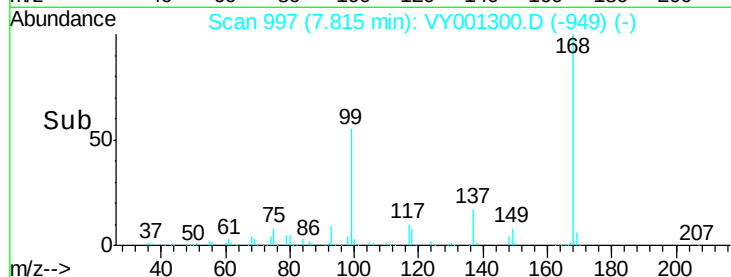
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.070 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001300.D

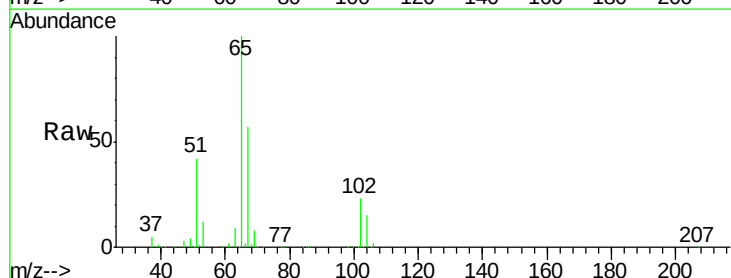
Acq: 20 Jan 2020 16:55

Tgt Ion: 65 Resp: 113448

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001290.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001290.D (-1045) (-)

8.16

60000

50000

40000

30000

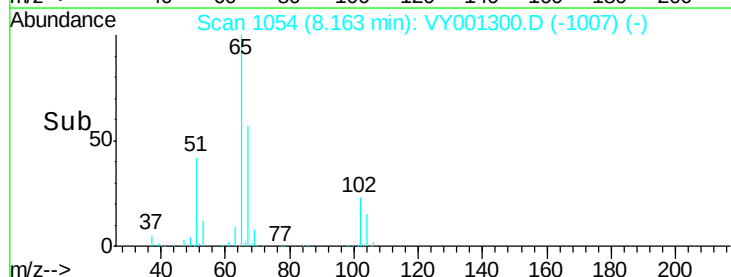
20000

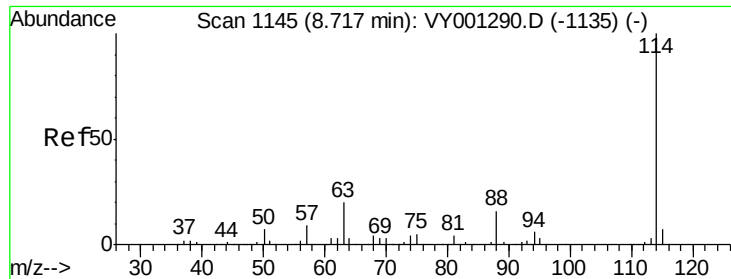
10000

0

Time-->

8.05 8.10 8.15 8.20 8.25

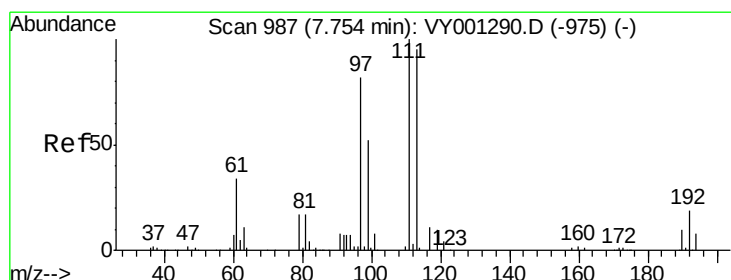
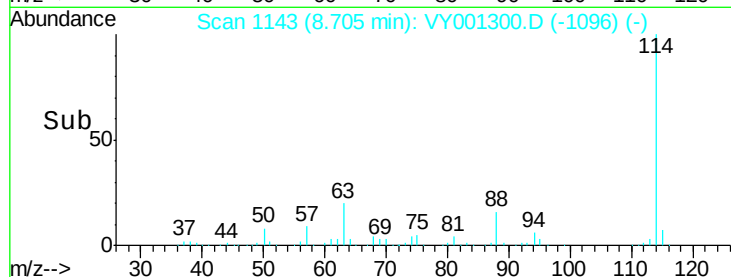
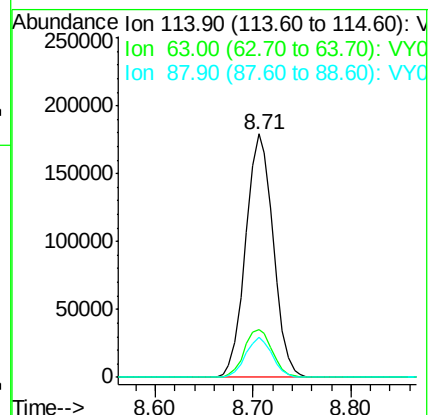
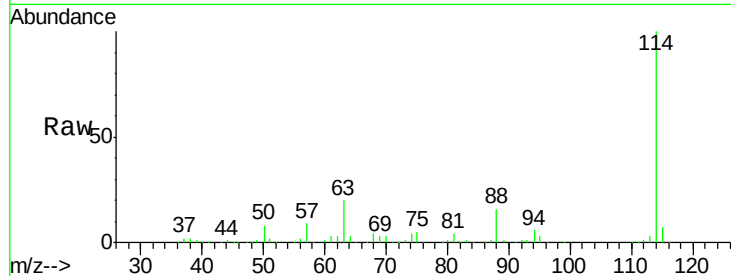




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001300.D
 Acq: 20 Jan 2020 16:55

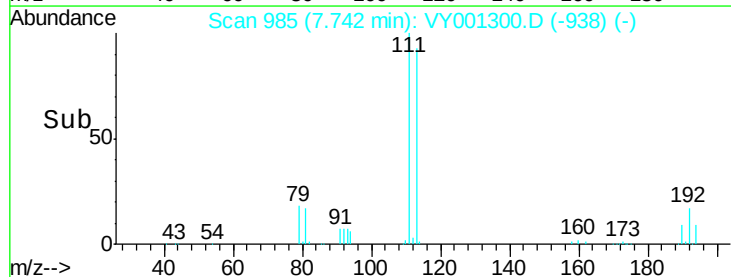
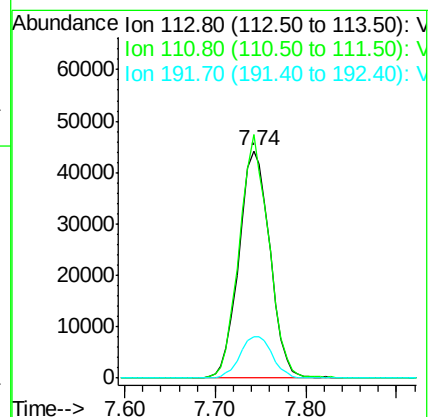
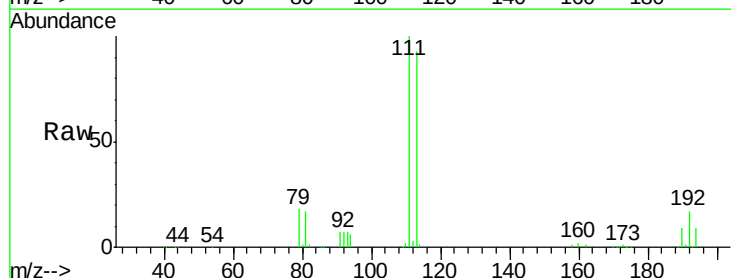
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-01-51-52

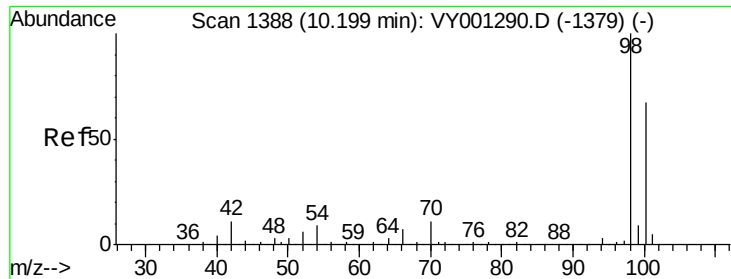
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	16.5	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 51.212 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001300.D
 Acq: 20 Jan 2020 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.9	15.4	23.2





#50

Toluene-d8

Concen: 52.803 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001300.D

Acq: 20 Jan 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

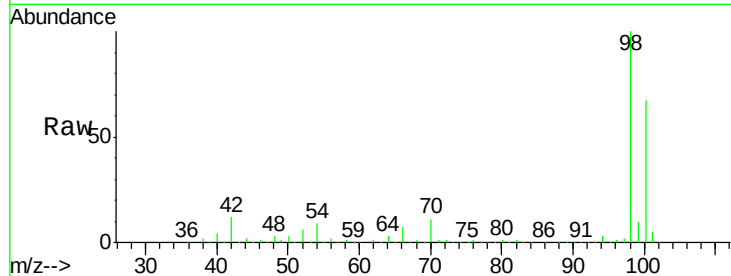
QVD-SB-01-51-52

Tot Ion: 98 Resp: 416738

Ion Ratio Lower Upper

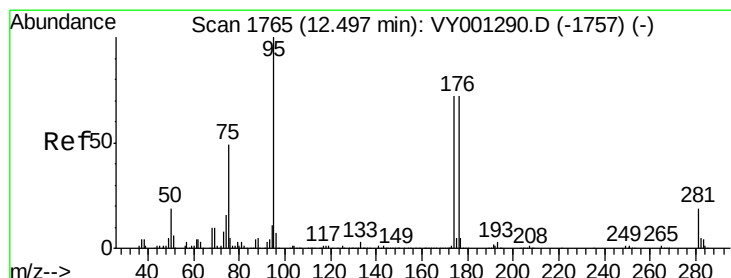
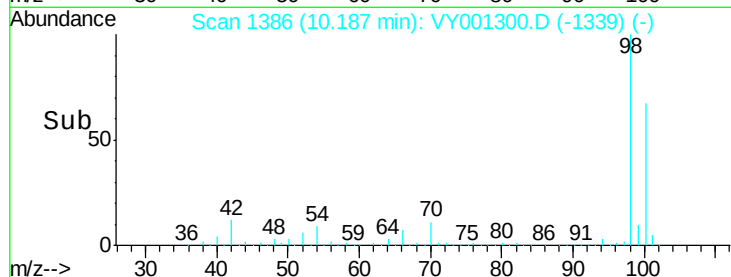
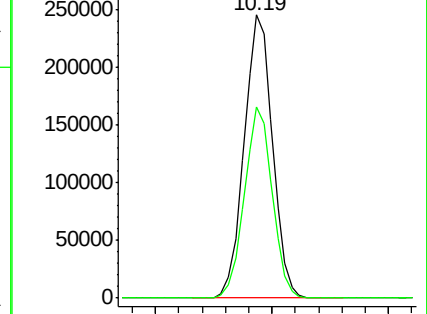
98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.680 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001300.D

Acq: 20 Jan 2020 16:55

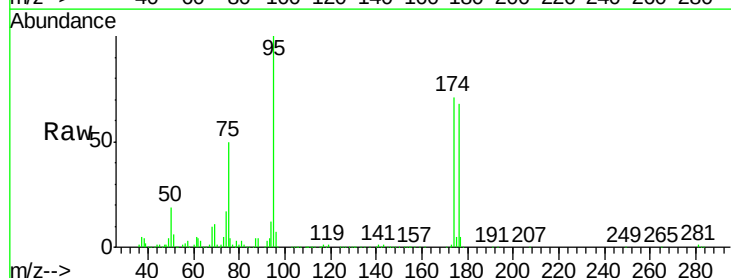
Tgt Ion: 95 Resp: 157074

Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.2

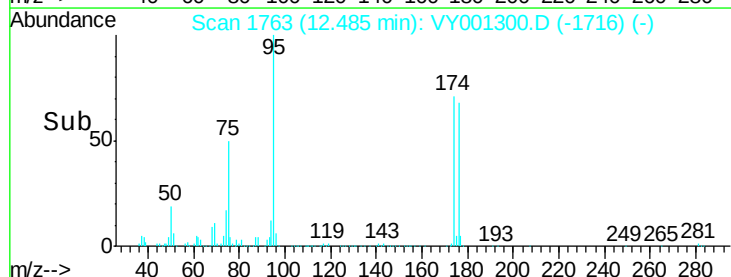
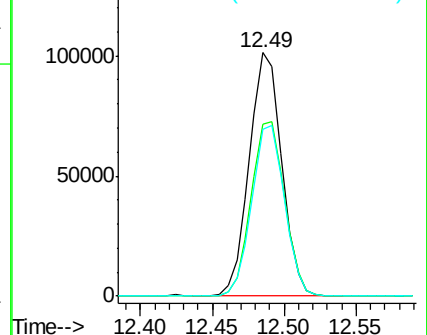
176 70.9 0.0 136.0

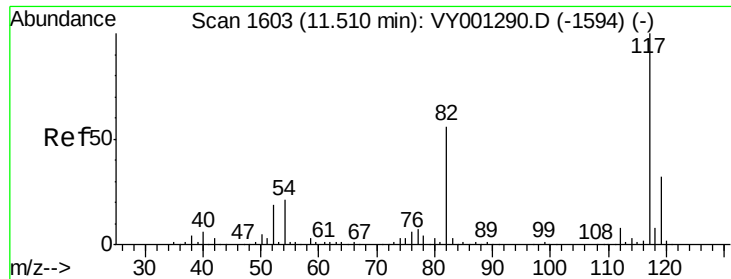


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

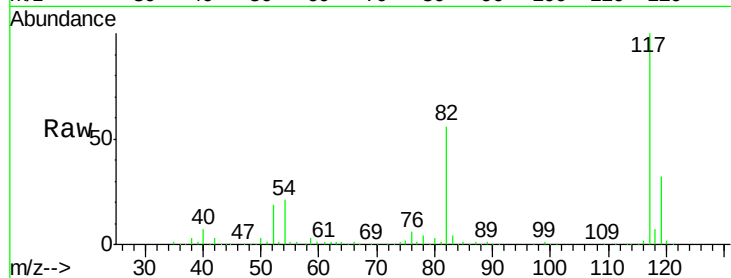




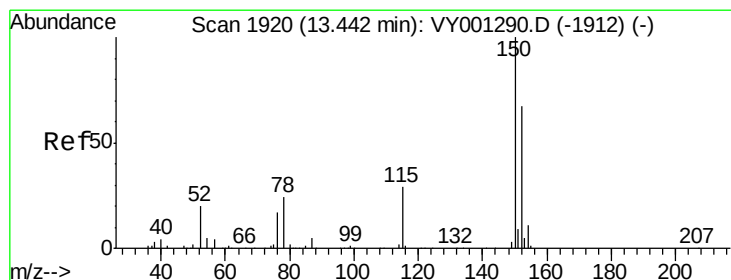
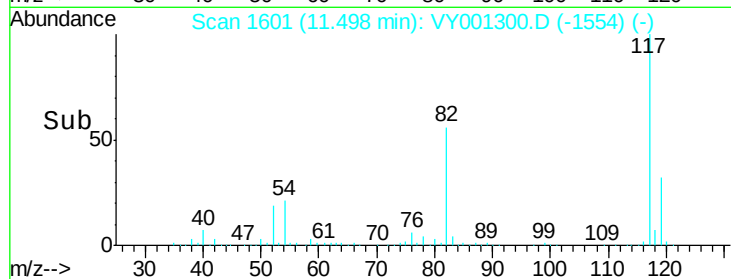
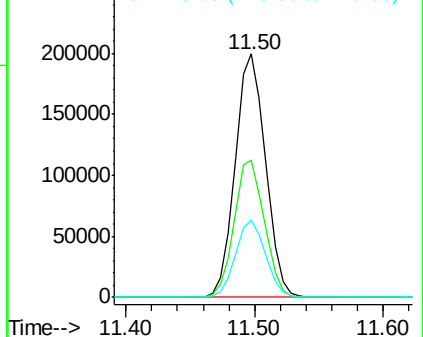
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001300.D
Acq: 20 Jan 2020 16:55

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-01-51-52

Tot Ion:117 Resp: 324724
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.7 25.7 38.5

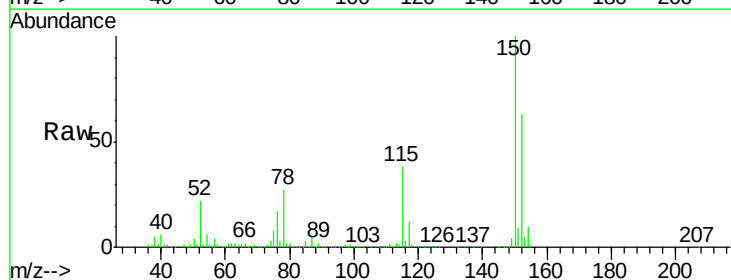


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001300.D
Acq: 20 Jan 2020 16:55

Tgt Ion:152 Resp: 150585
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 156.7 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

