

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002108.D
 Acq On : 27 Mar 2020 16:16
 Operator : SY/MD
 Sample : L2049-05
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(10-12)

Quant Time: Mar 30 05:00:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	247417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	230817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	102426	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	81078	58.70	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	117.40%	
35) Dibromofluoromethane	7.73	113	72556	52.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.68%	
50) Toluene-d8	10.18	98	306563	53.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	108498	53.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.74%	

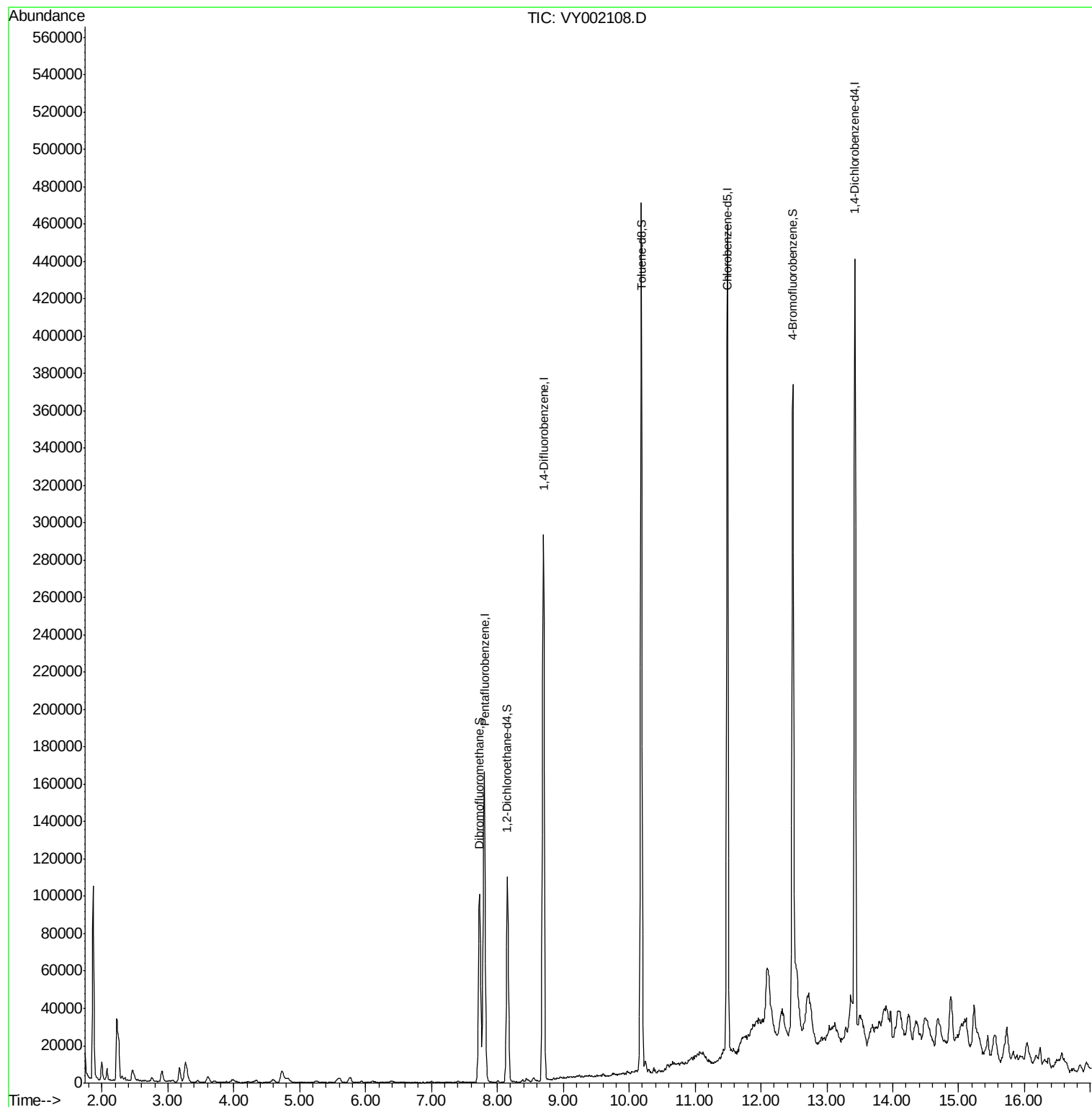
Target Compounds	Qvalue
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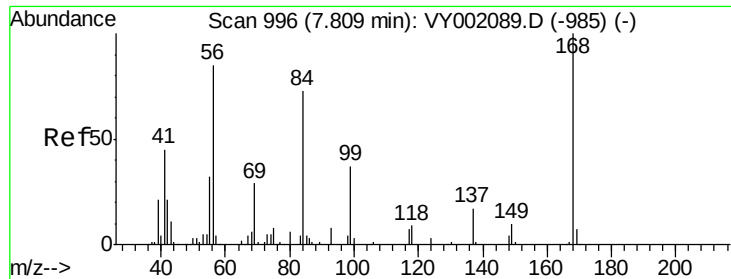
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

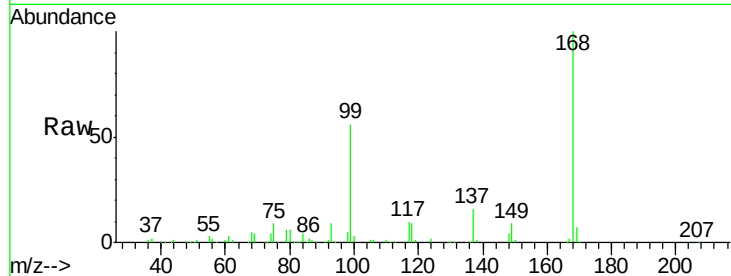
SB-1-(10-12)

Tot Ion:168 Resp: 124934

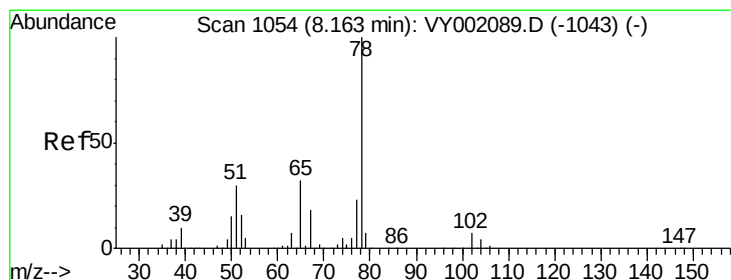
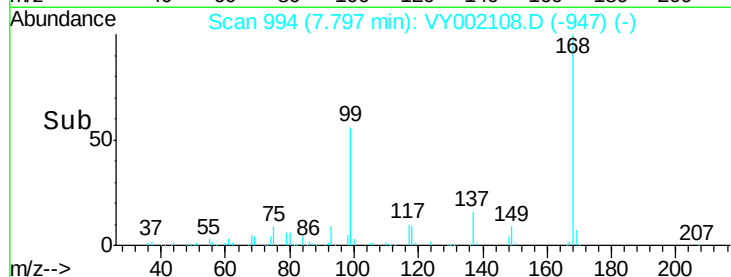
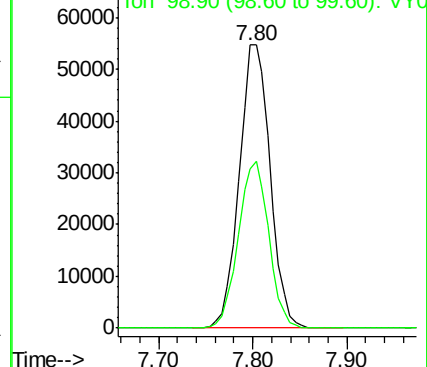
Ion Ratio Lower Upper

168 100

99 56.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002108.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.705 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002108.D

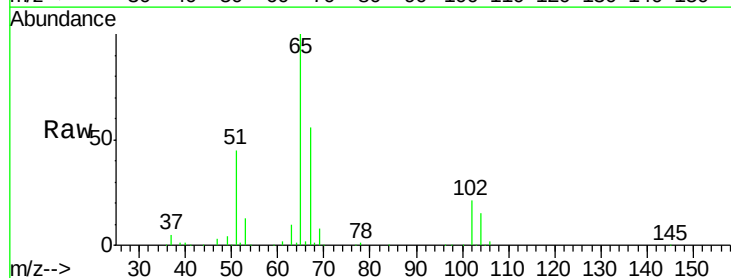
Acq: 27 Mar 2020 16:16

Tgt Ion: 65 Resp: 81078

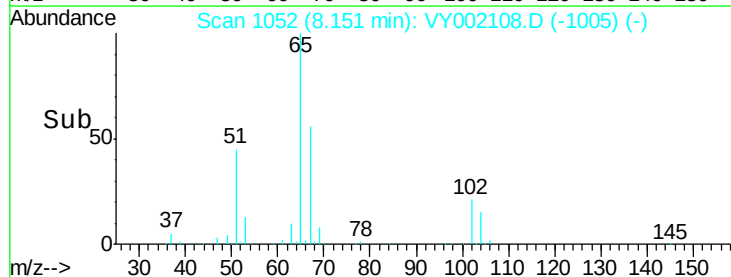
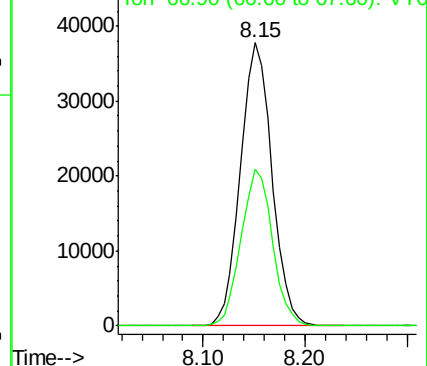
Ion Ratio Lower Upper

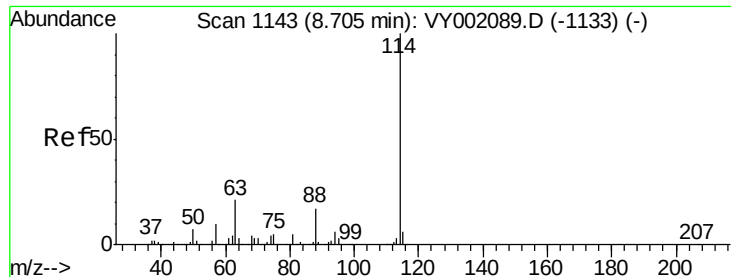
65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002108.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(10-12)

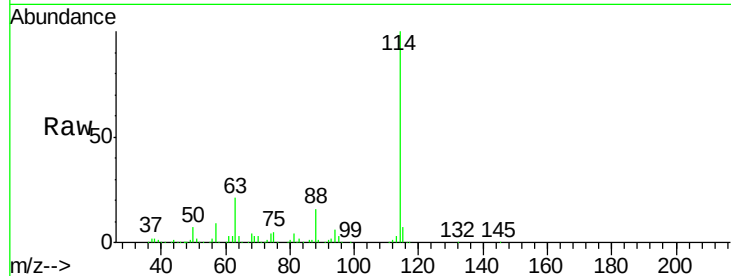
Tot Ion:114 Resp: 247417

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

88 16.0 0.0 33.0



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

150000

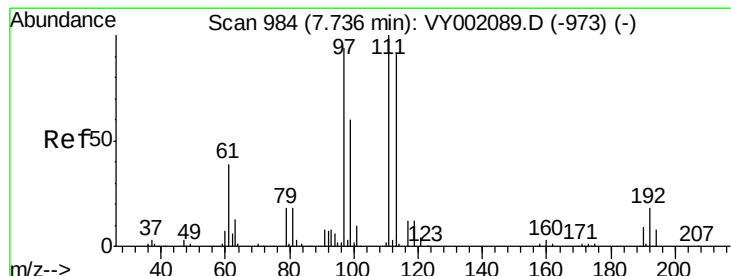
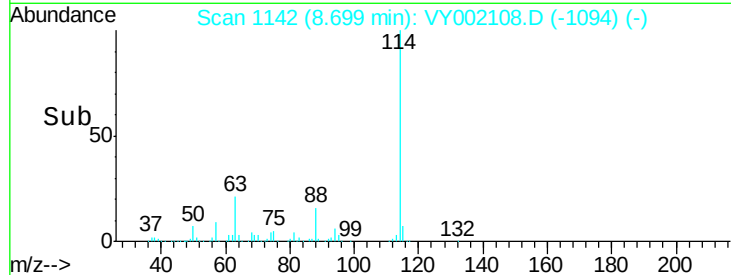
8.70

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 52.337 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

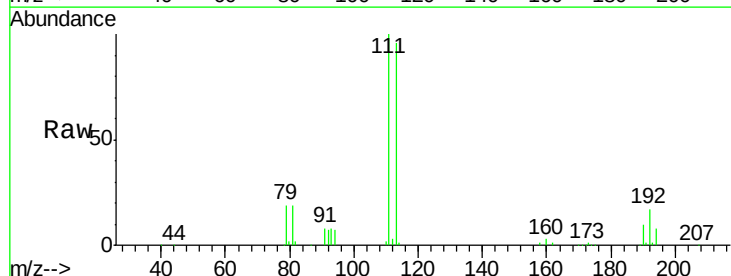
Tgt Ion:113 Resp: 72556

Ion Ratio Lower Upper

113 100

111 101.8 84.4 126.6

192 17.4 14.6 21.8



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

40000

7.73

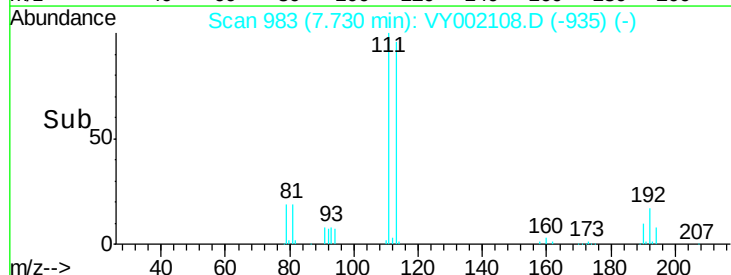
30000

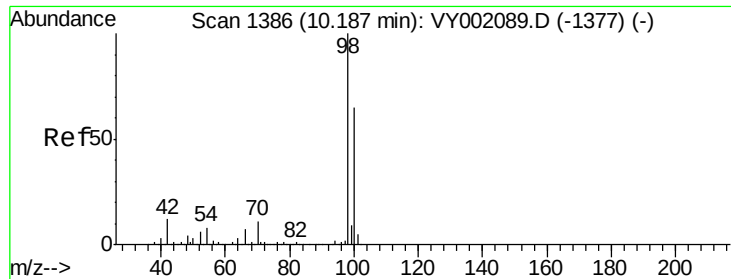
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 53.231 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

Instrument :

MSVOA_Y

ClientSampleId :

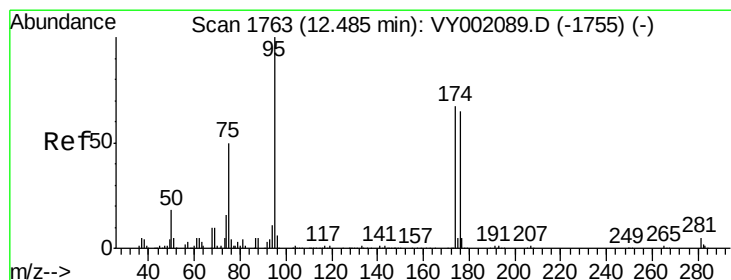
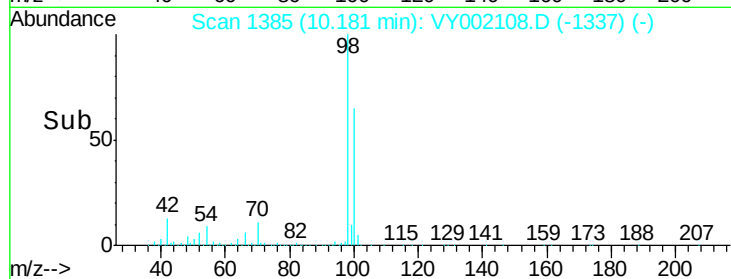
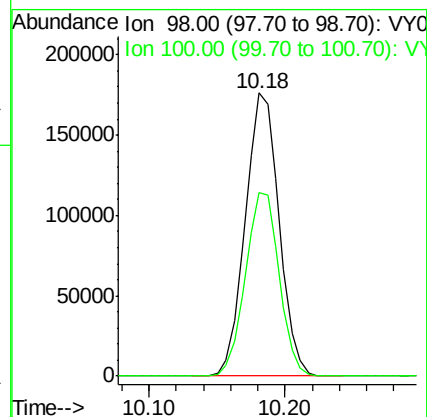
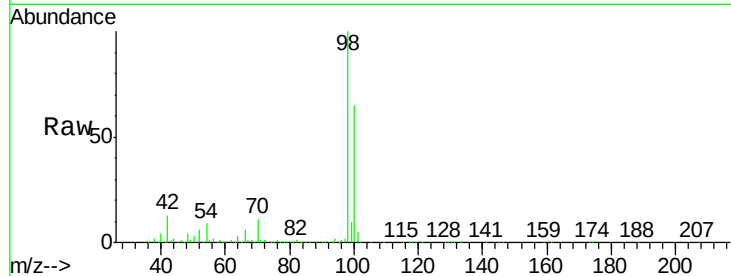
SB-1-(10-12)

Tot Ion: 98 Resp: 306563

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 53.868 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002108.D

Acq: 27 Mar 2020 16:16

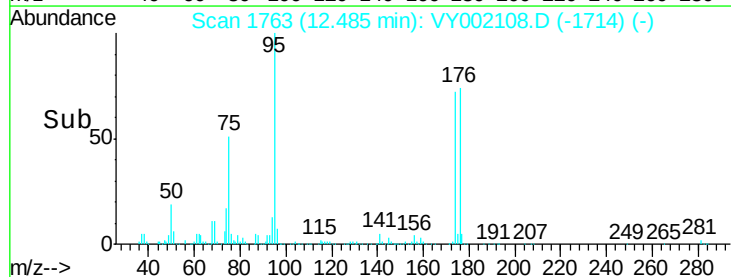
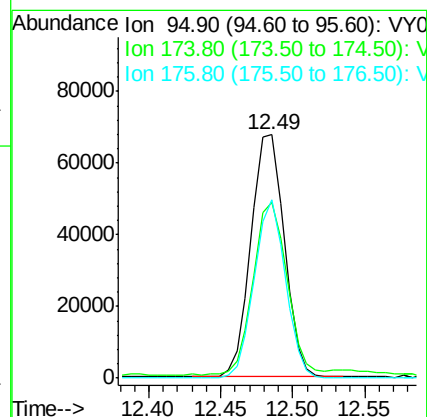
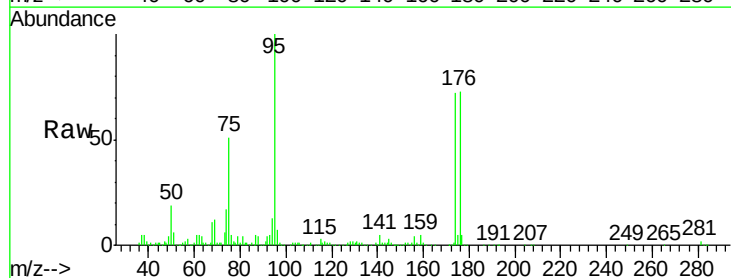
Tgt Ion: 95 Resp: 108498

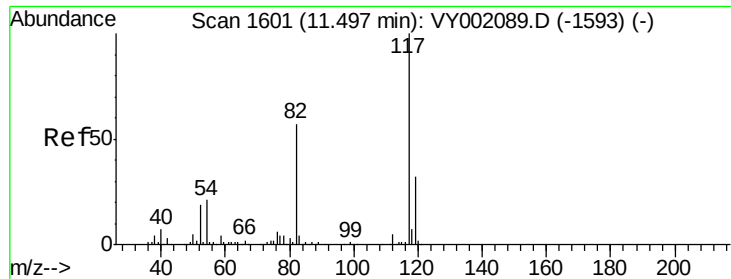
Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.4

176 69.0 0.0 137.0

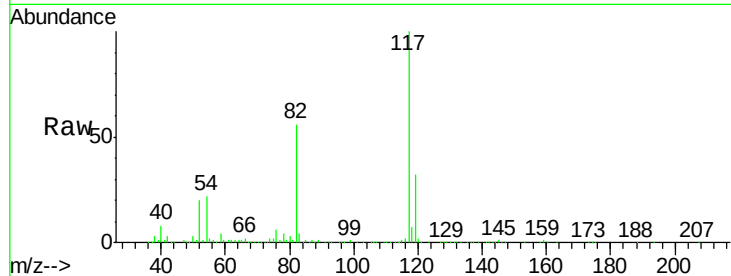




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(10-12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.2
119	31.8	25.3	37.9

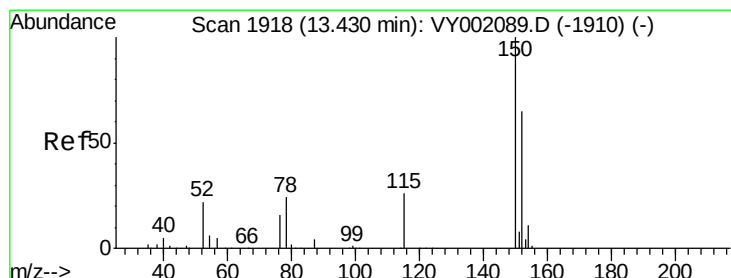
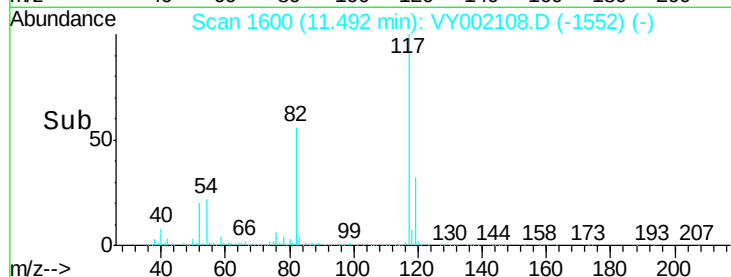
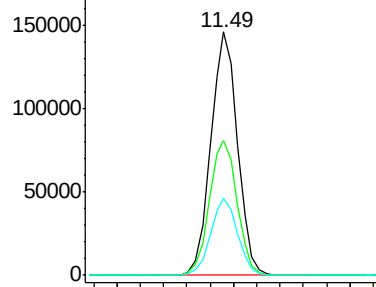


Abundance

Ion 116.90 (116.60 to 117.60): V

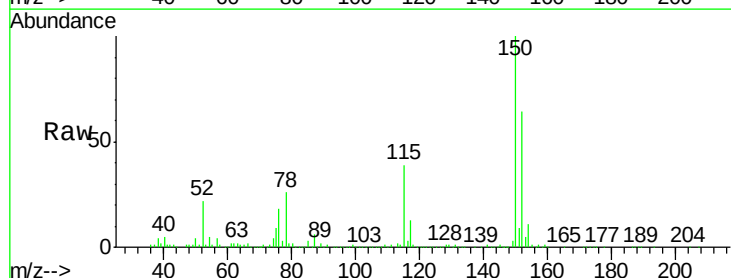
Ion 82.00 (81.70 to 82.70): V

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. 0.00 min
Lab File: VY002108.D
Acq: 27 Mar 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.2	93.6
150	157.2	0.0	354.8



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

