

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001744.D
 Acq On : 21 Feb 2020 15:49
 Operator : SY/MD
 Sample : L1623-09
 Misc : 16.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB9-13.5-14

Quant Time: Feb 22 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	161992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	303272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	105051	60.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	120.58%	
35) Dibromofluoromethane	7.74	113	88966	51.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.19	98	372931	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.49	95	132007	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

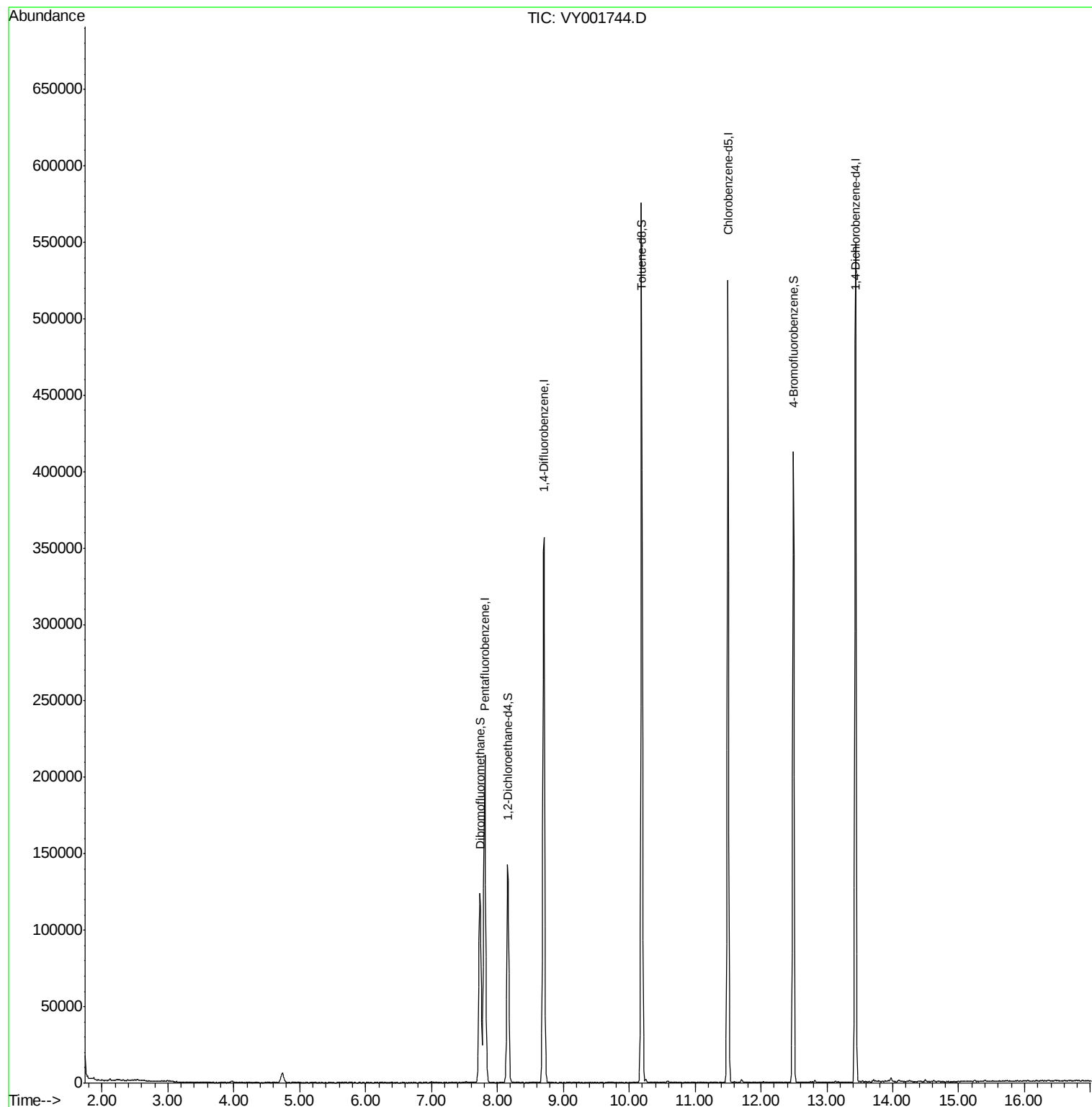
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001744.D

Acq: 21 Feb 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

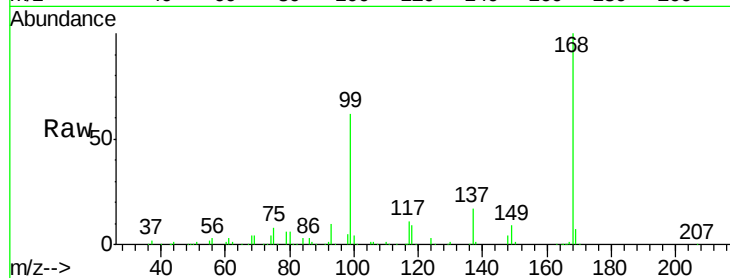
SB9-13.5-14

Tot Ion:168 Resp: 161992

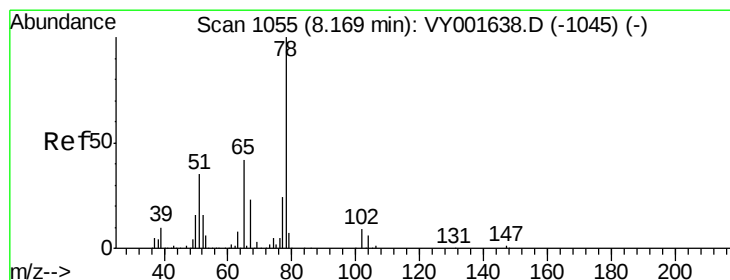
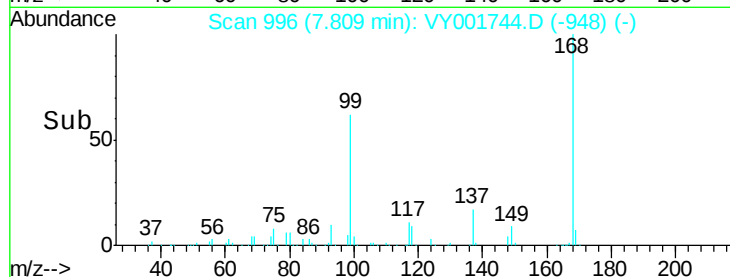
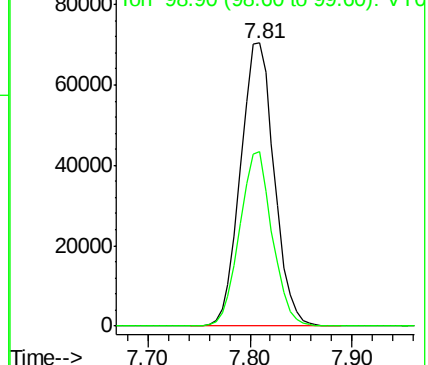
Ion Ratio Lower Upper

168 100

99 61.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.289 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001744.D

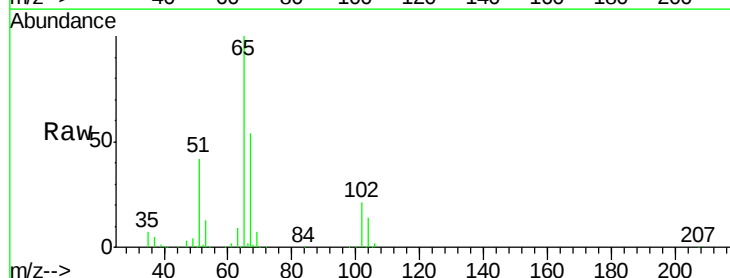
Acq: 21 Feb 2020 15:49

Tgt Ion: 65 Resp: 105051

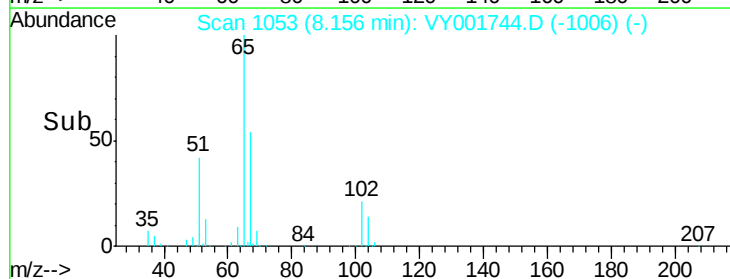
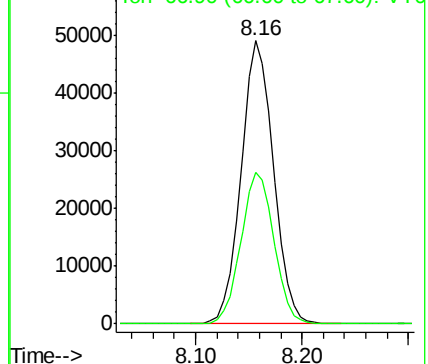
Ion Ratio Lower Upper

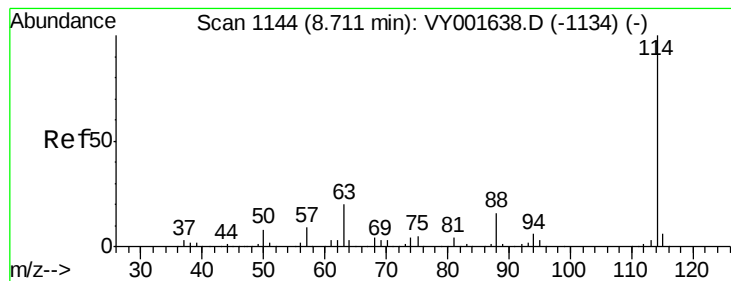
65 100

67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001744.D

Acq: 21 Feb 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

SB9-13.5-14

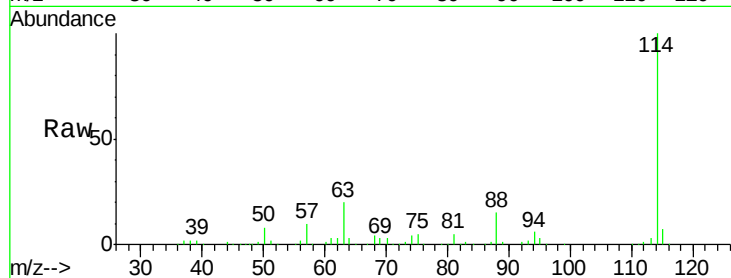
Tot Ion:114 Resp: 303272

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

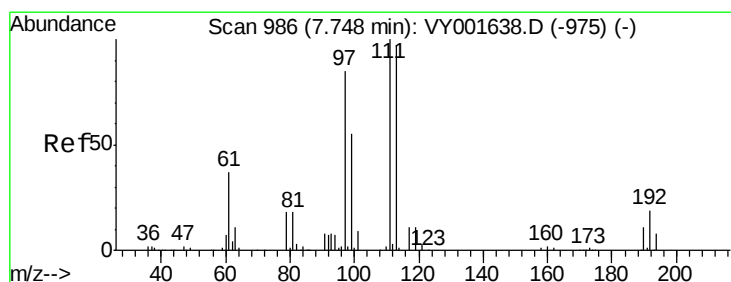
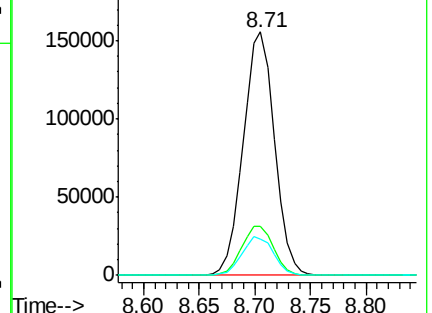
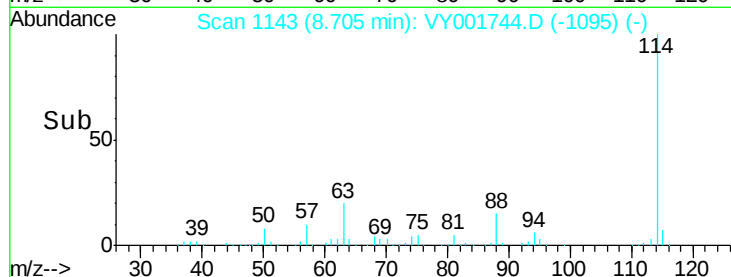
88 14.9 0.0 32.8



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: 51.218 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001744.D

Acq: 21 Feb 2020 15:49

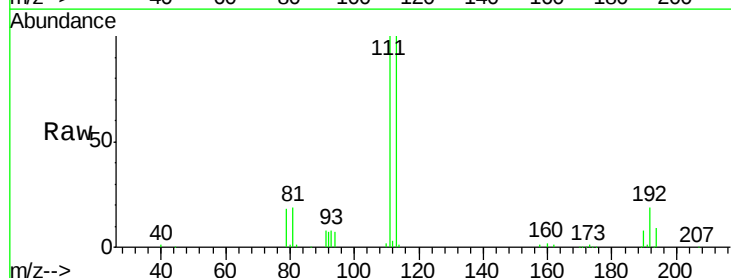
Tgt Ion:113 Resp: 88966

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

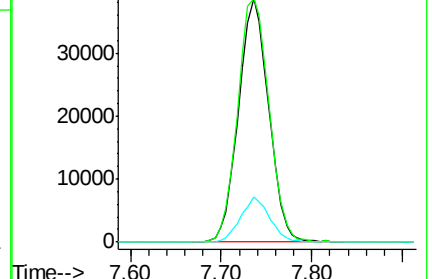
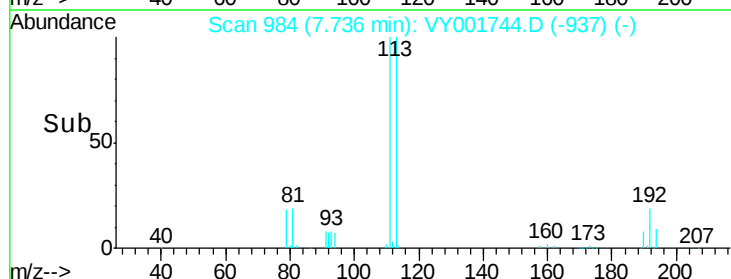
192 17.9 14.3 21.5

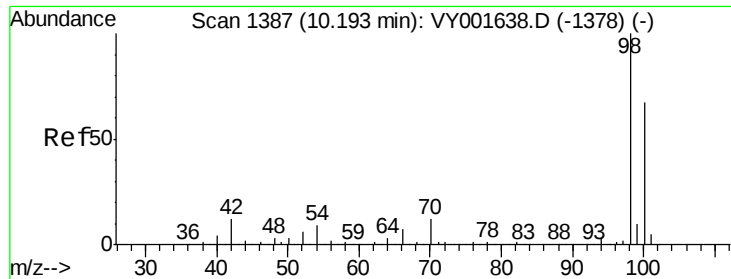


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.802 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001744.D

Acq: 21 Feb 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

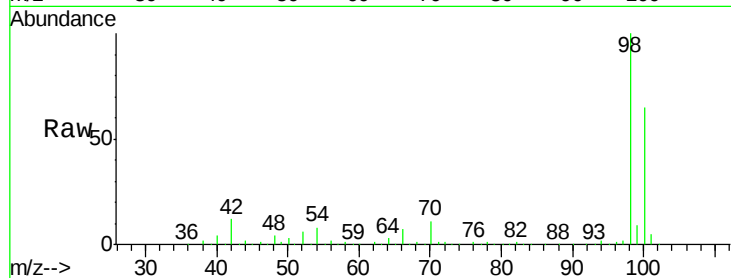
SB9-13.5-14

Tot Ion: 98 Resp: 372931

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.19

200000

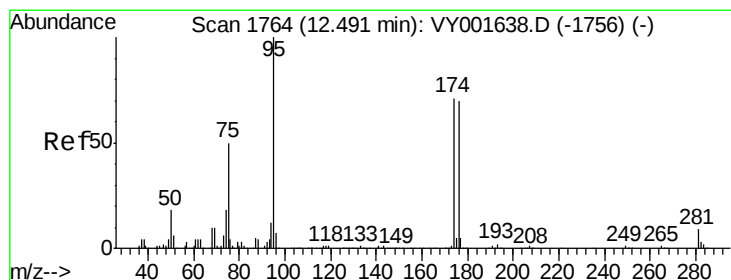
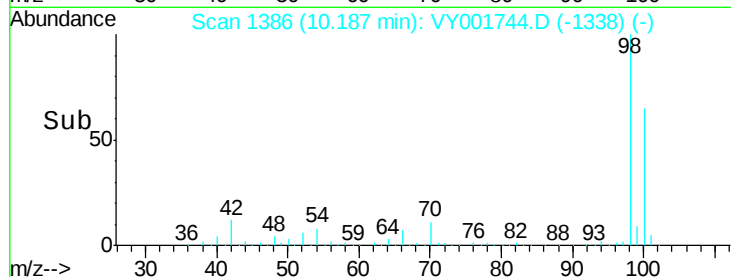
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.932 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001744.D

Acq: 21 Feb 2020 15:49

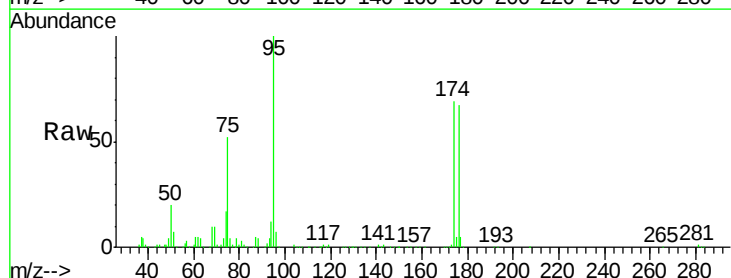
Tgt Ion: 95 Resp: 132007

Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.4

176 69.8 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

120000

100000

80000

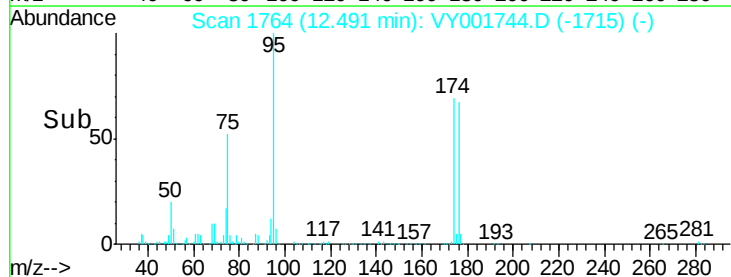
60000

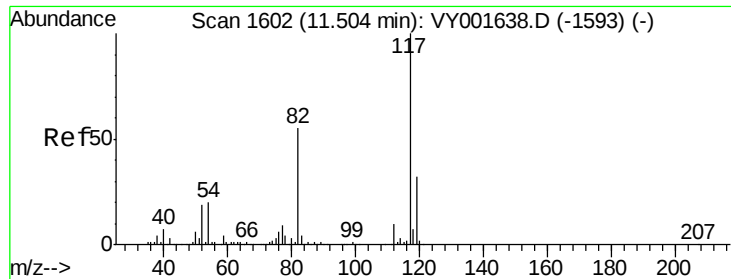
40000

20000

0

Time-->

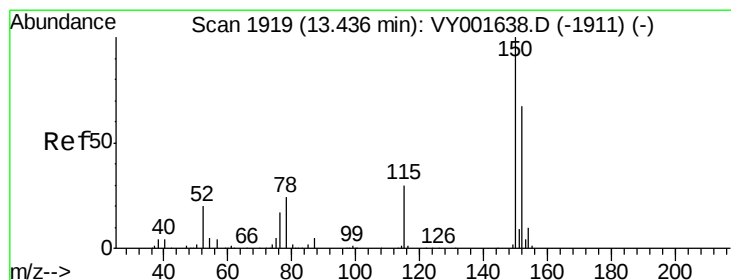
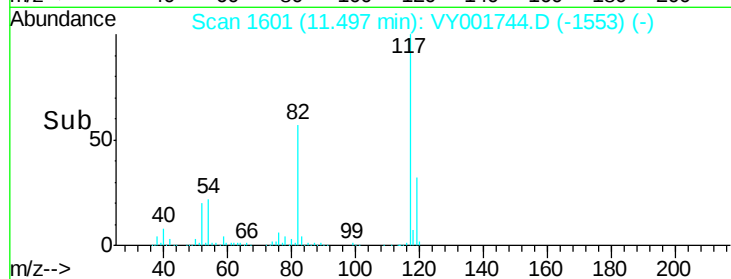
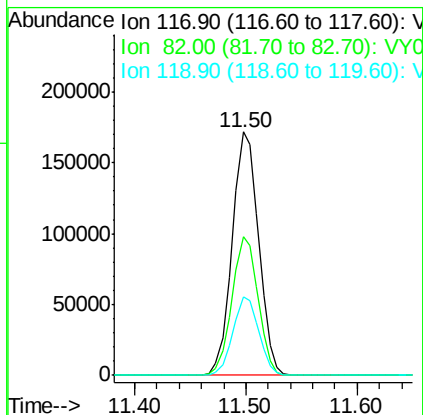
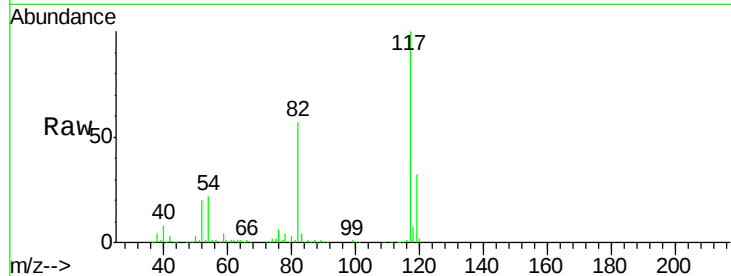




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001744.D
Acq: 21 Feb 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
SB9-13.5-14

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.5	68.3
119	32.2	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001744.D
Acq: 21 Feb 2020 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.4	94.2
150	158.9	0.0	407.2

