

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001816.D
 Acq On : 02 Mar 2020 13:35
 Operator : SY/MD
 Sample : L1743-07
 Misc : 7.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-3

Quant Time: Mar 12 11:50:47 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	7.80	168	148147	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	283111	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	252021	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	102812	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	89210	55.98	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	7.73	113	82195	50.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.18	98	338871	53.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.49	95	109992	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

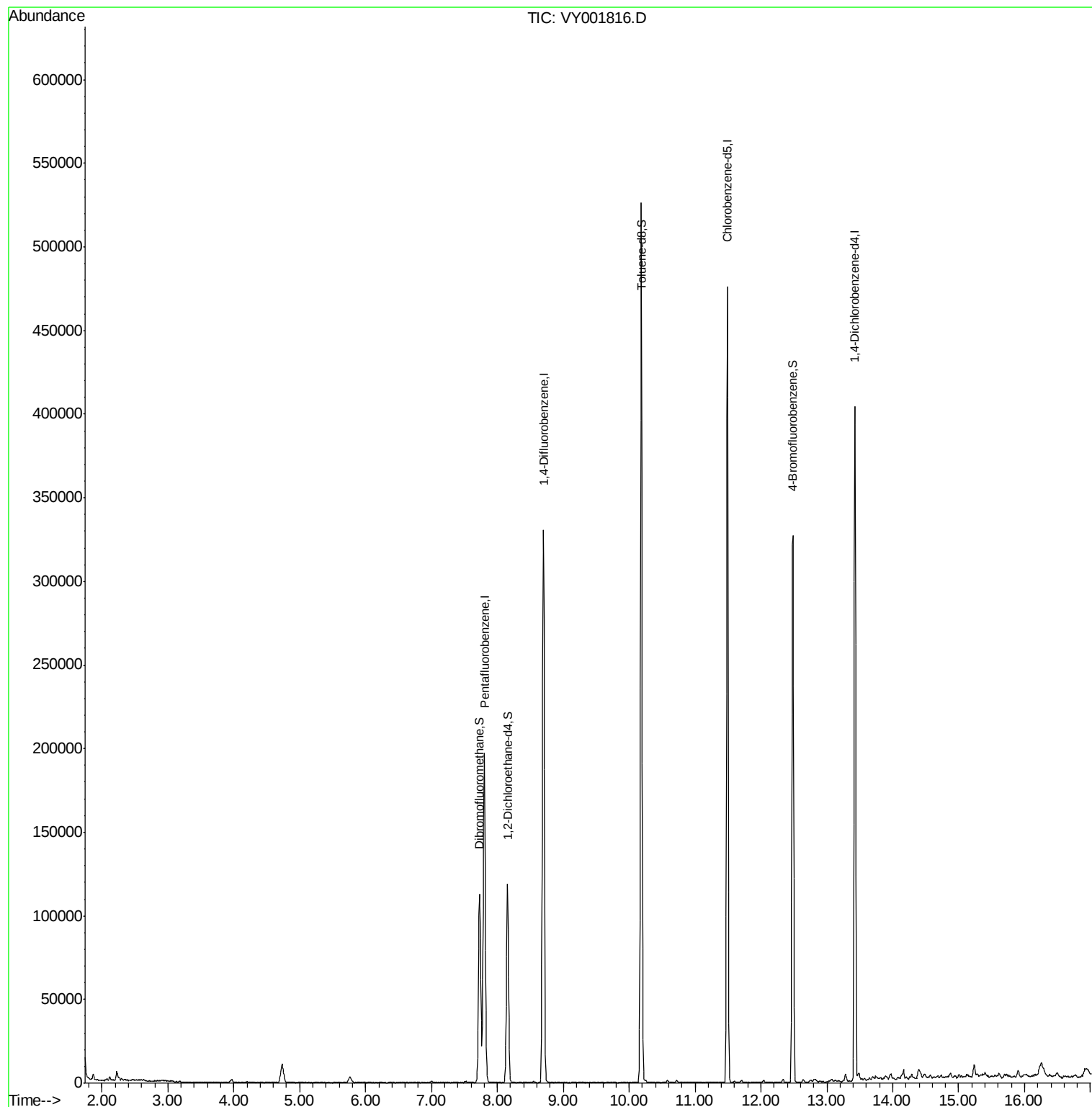
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

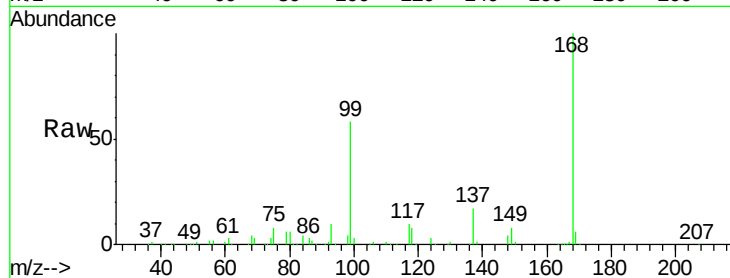
G-3

Tot Ion:168 Resp: 148147

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001816.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001816.D (-948) (-)

7.80

60000

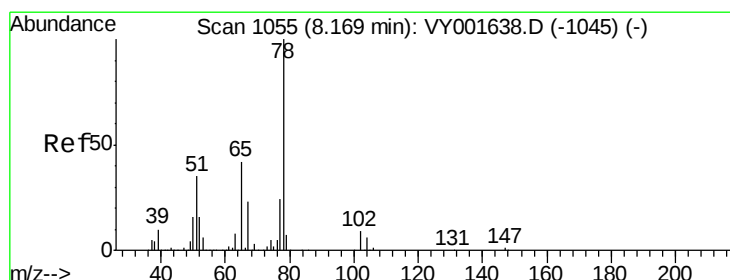
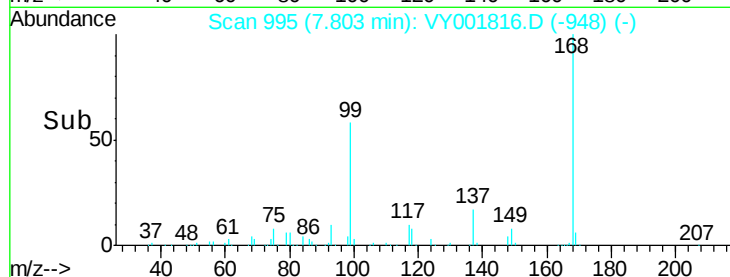
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.982 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001816.D

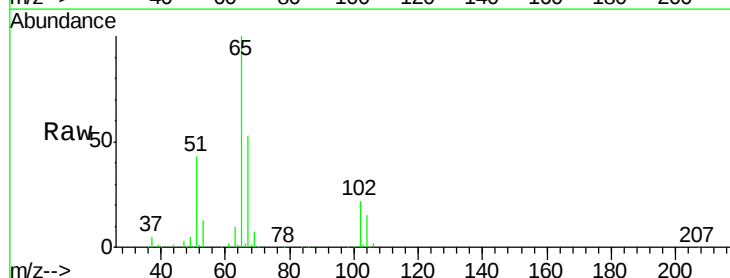
Acq: 02 Mar 2020 13:35

Tgt Ion: 65 Resp: 89210

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001816.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001816.D (-1006) (-)

8.15

40000

30000

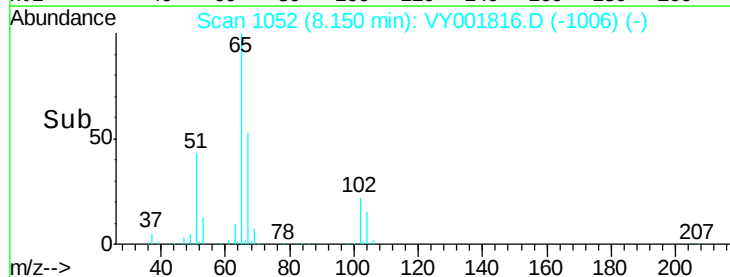
20000

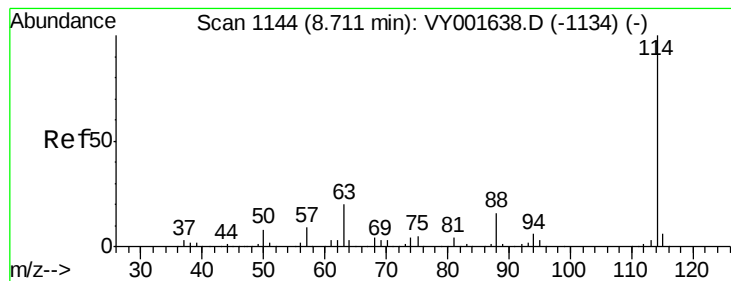
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampleId :

G-3

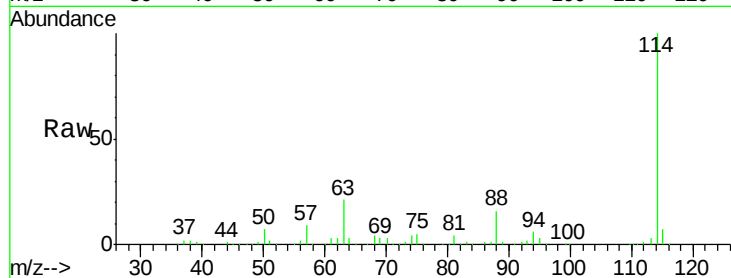
Tot Ion:114 Resp: 283111

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

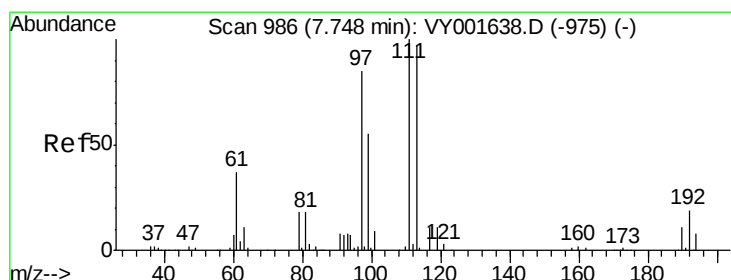
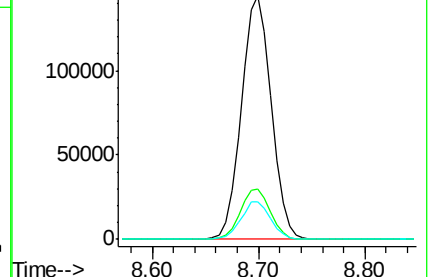
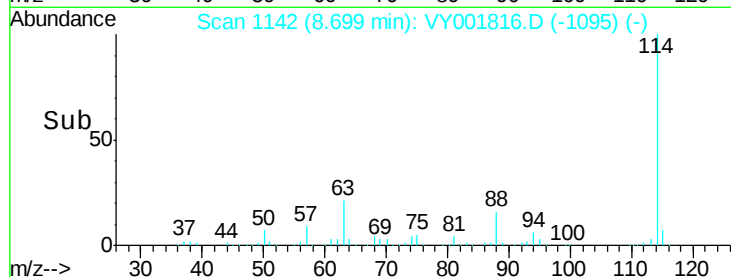
88 15.7 0.0 32.8



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: 50.690 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

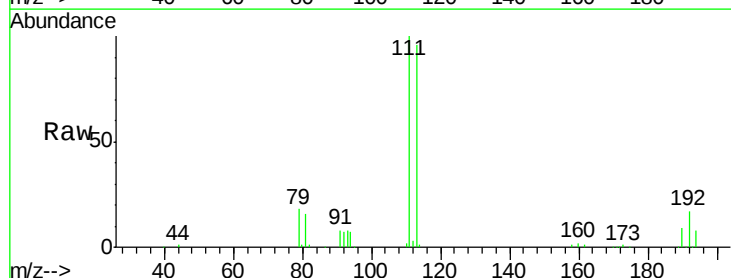
Tgt Ion:113 Resp: 82195

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

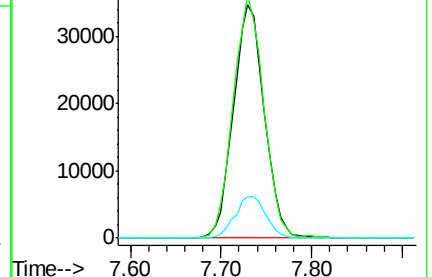
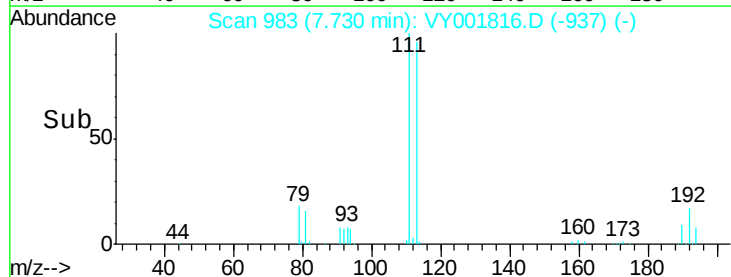
192 18.0 14.3 21.5

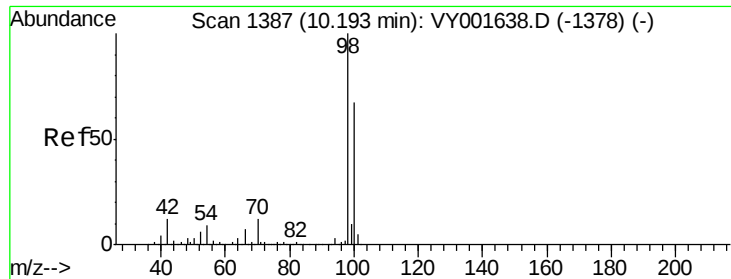


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.343 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

Instrument :

MSVOA_Y

ClientSampled :

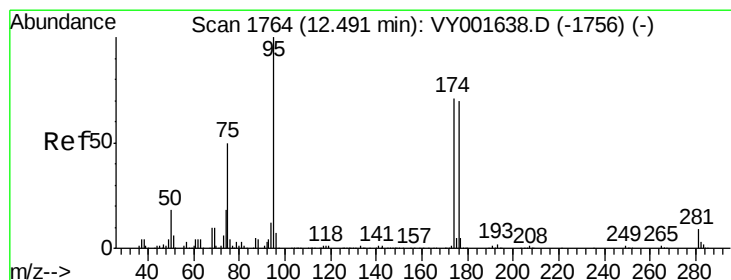
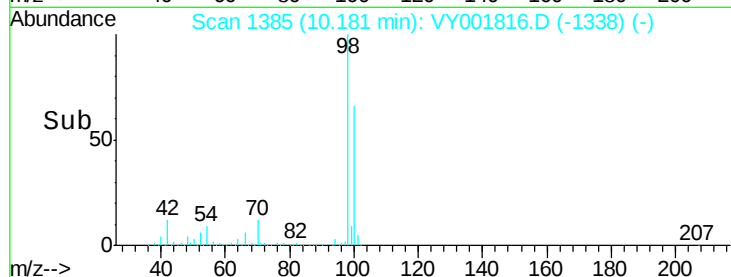
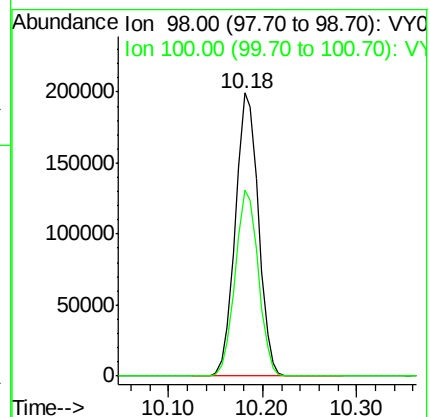
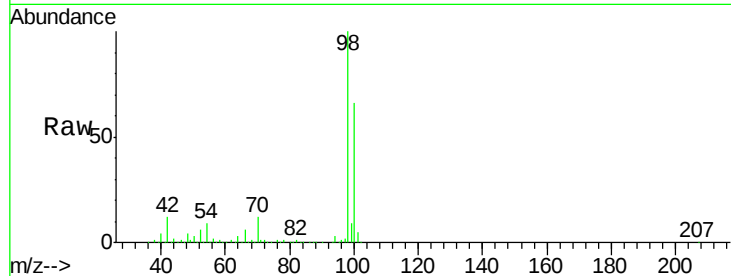
G-3

Tot Ion: 98 Resp: 338871

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.568 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001816.D

Acq: 02 Mar 2020 13:35

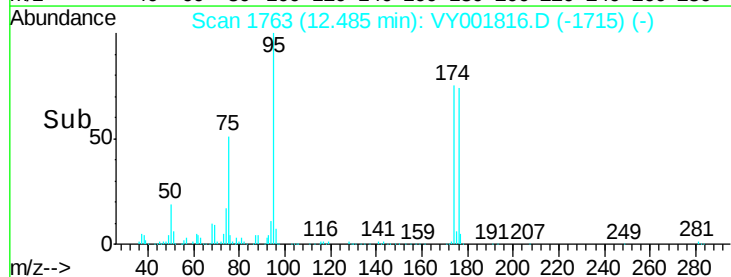
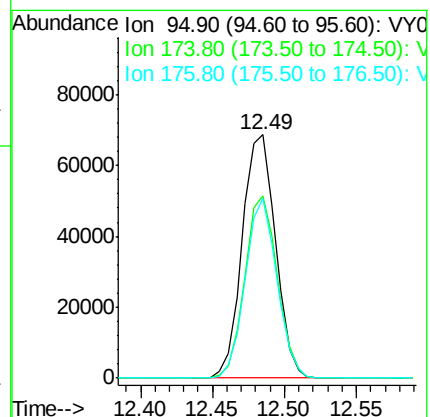
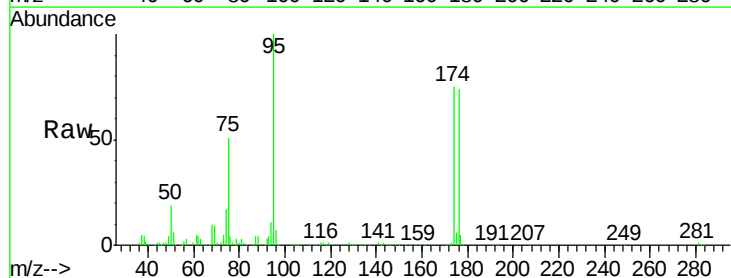
Tgt Ion: 95 Resp: 109992

Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

176 70.0 0.0 131.8

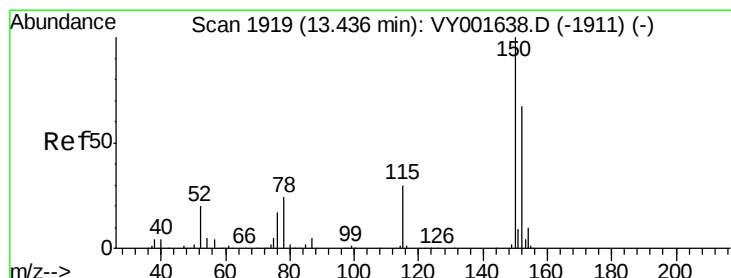
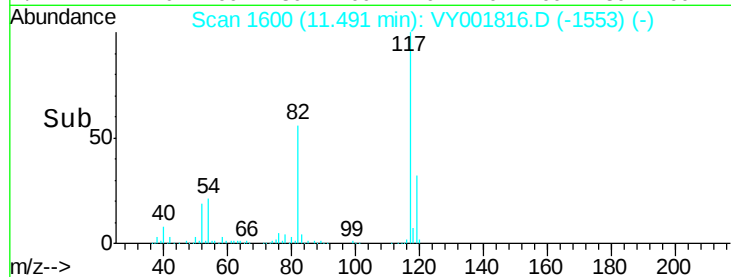
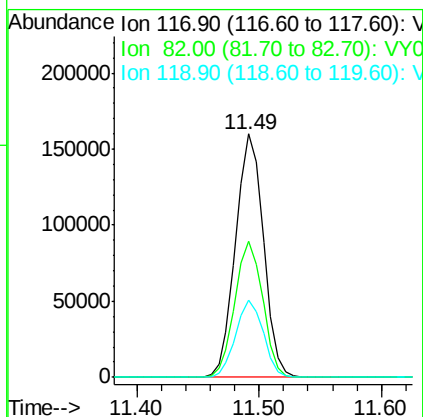
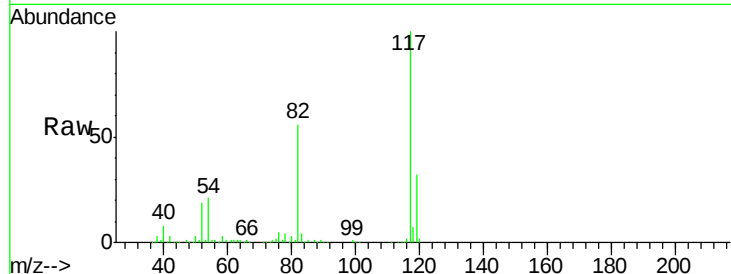




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

Instrument :
MSVOA_Y
ClientSampleId :
G-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.5	68.3
119	31.8	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001816.D
Acq: 02 Mar 2020 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.4	94.2
150	154.4	0.0	407.2

