

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001819.D
 Acq On : 02 Mar 2020 14:42
 Operator : SY/MD
 Sample : L1743-13
 Misc : 8.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6

Quant Time: Mar 12 11:52:42 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

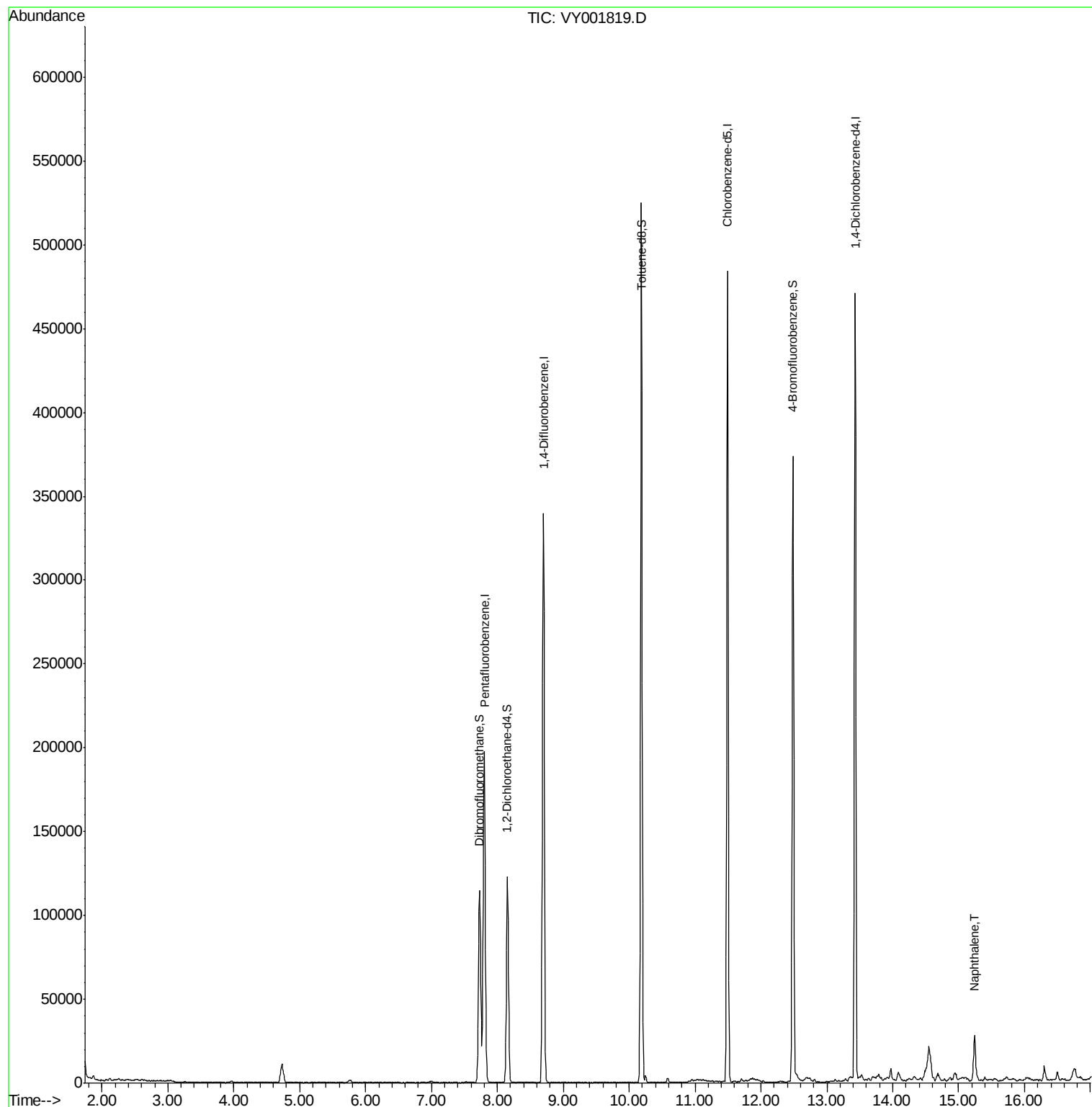
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	151134	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	288401	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	257117	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	113892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	92723	57.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.08%	
35) Dibromofluoromethane	7.73	113	81833	49.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.19	98	344414	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.49	95	117655	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
Target Compounds						
95) Naphthalene	15.24	128	15505	3.014	ug/l #	Qvalue 96

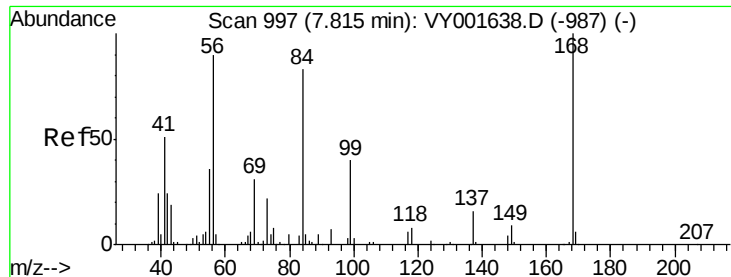
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001819.D

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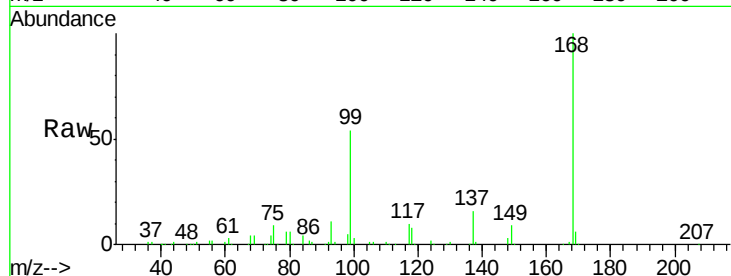
G-6

Tot Ion:168 Resp: 151134

Ion Ratio Lower Upper

168 100

99 53.6 47.5 71.3



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

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.80

60000

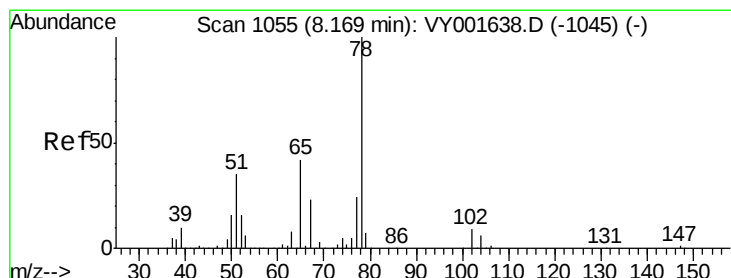
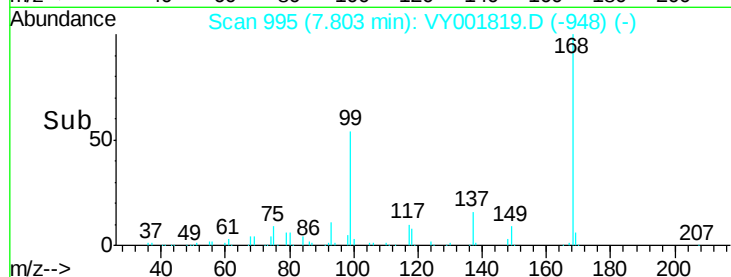
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.037 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001819.D

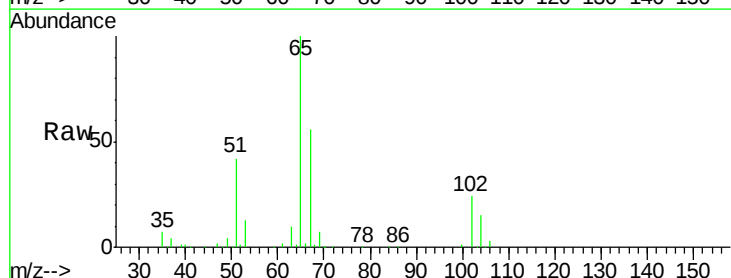
Acq: 02 Mar 2020 14:42

Tgt Ion: 65 Resp: 92723

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0



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

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.15

40000

30000

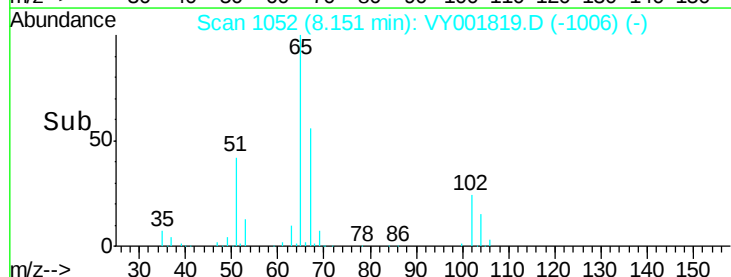
20000

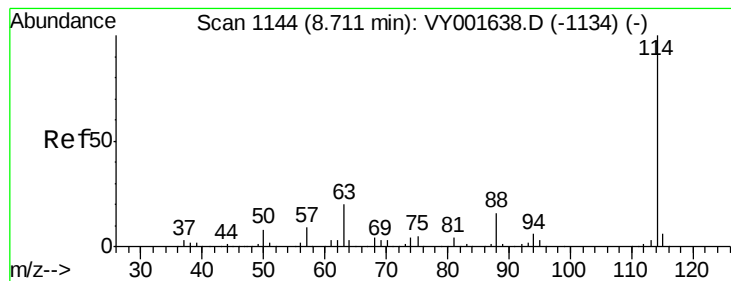
10000

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: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

G-6

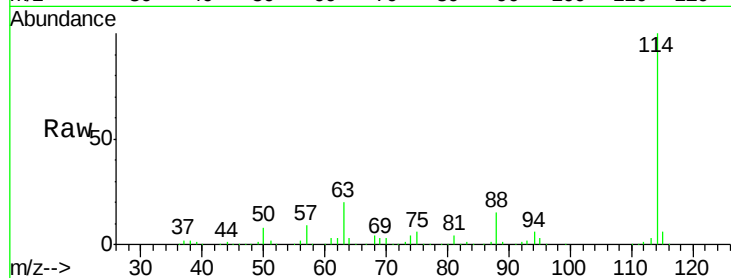
Tot Ion:114 Resp: 288401

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

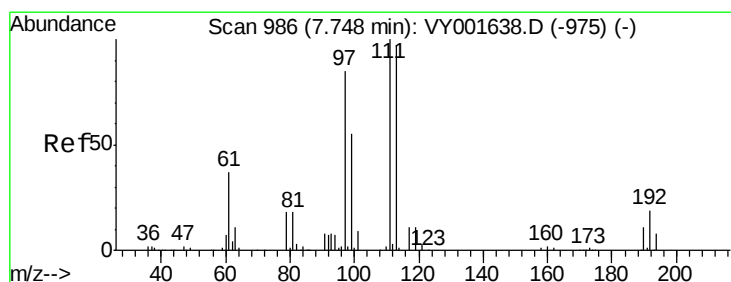
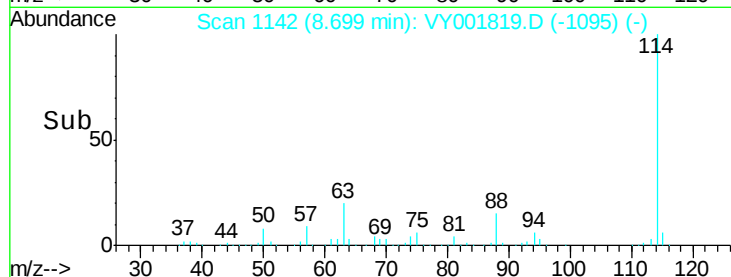
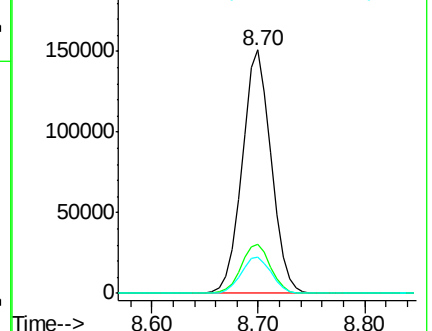
88 15.0 0.0 32.8



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: 49.541 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

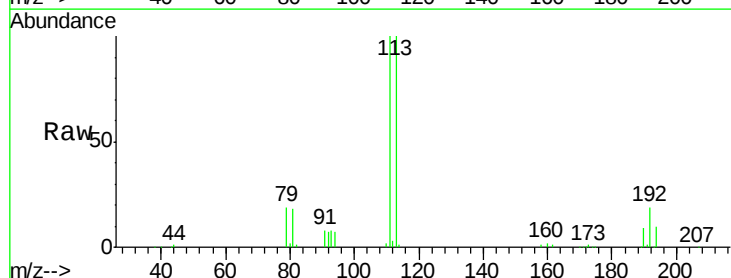
Tgt Ion:113 Resp: 81833

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

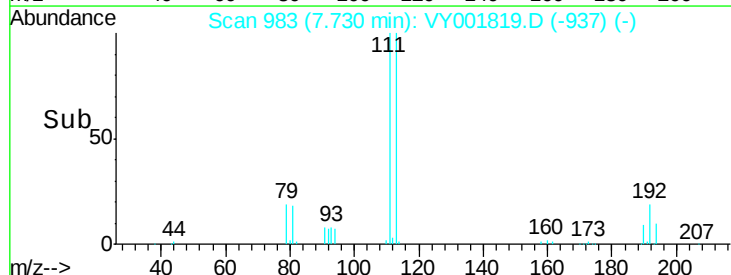
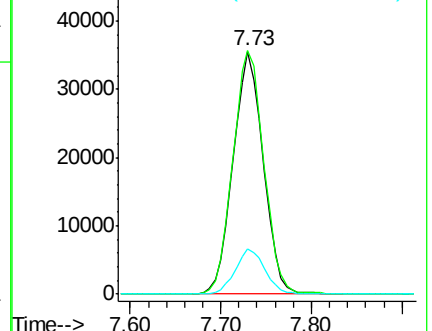
192 18.4 14.3 21.5

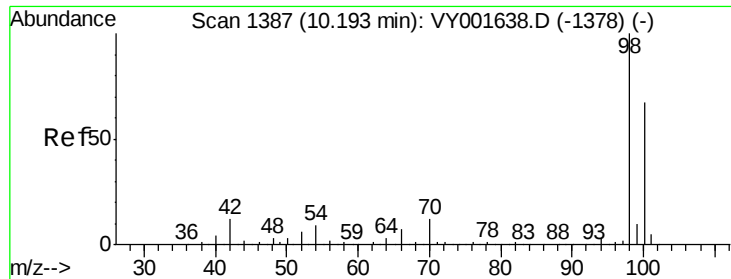


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.221 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

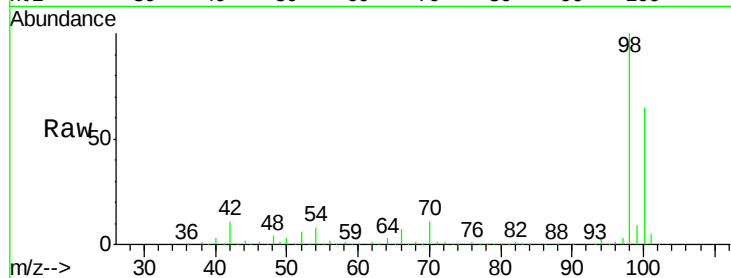
G-6

Tot Ion: 98 Resp: 344414

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

200000

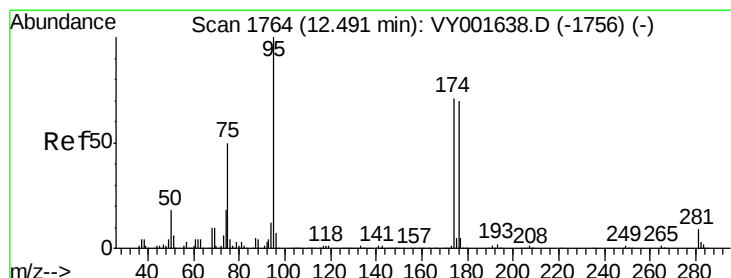
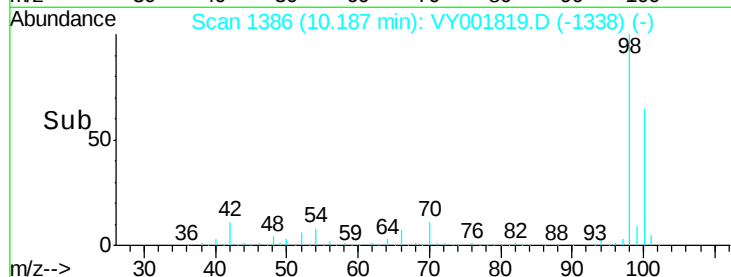
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.799 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001819.D

Acq: 02 Mar 2020 14:42

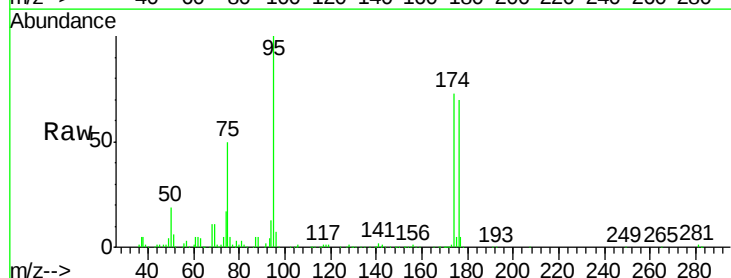
Tgt Ion: 95 Resp: 117655

Ion Ratio Lower Upper

95 100

174 73.5 0.0 138.4

176 71.1 0.0 131.8



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

12.49

100000

80000

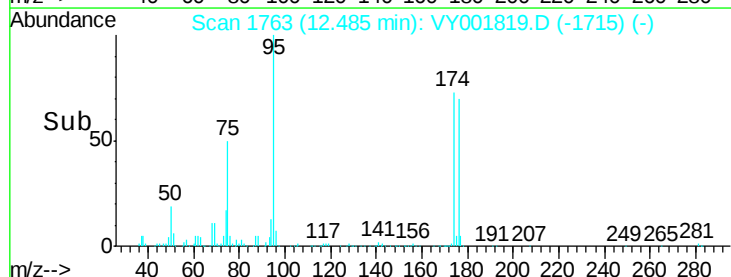
60000

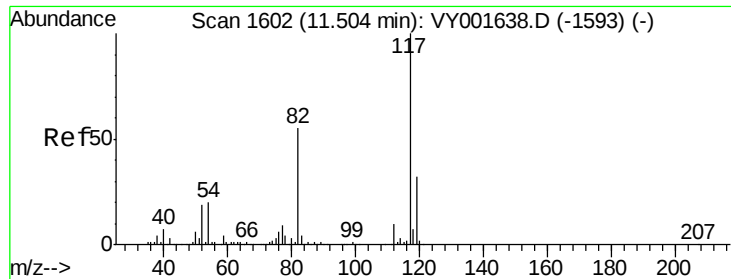
40000

20000

0

Time-->

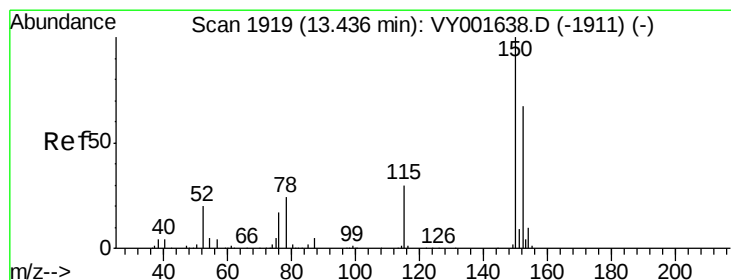
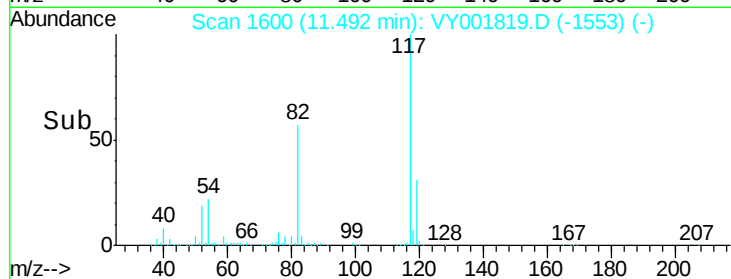
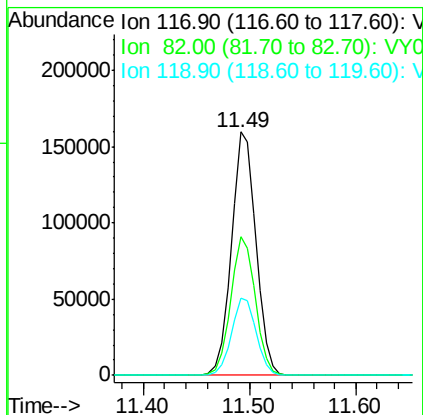
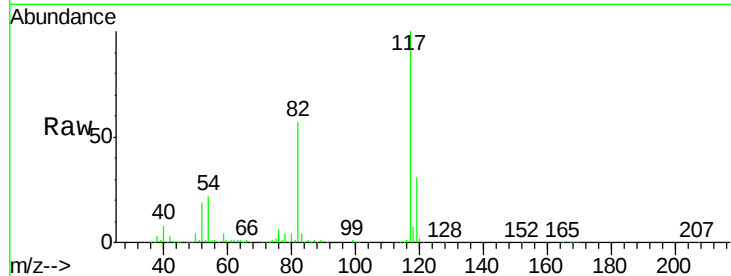




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

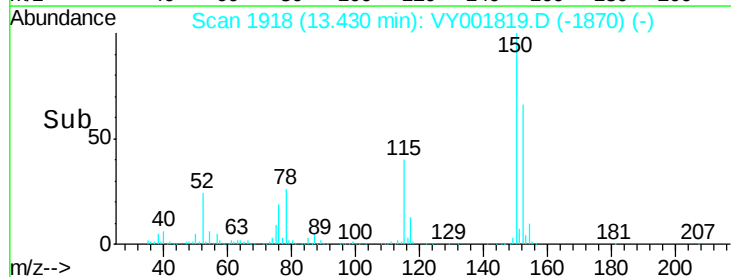
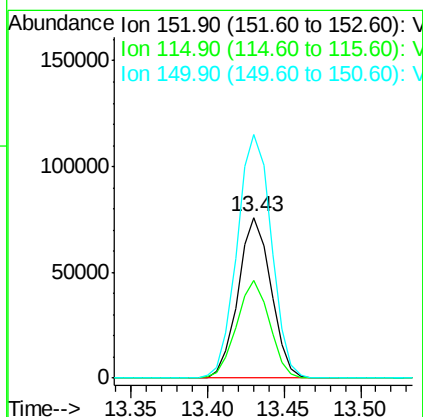
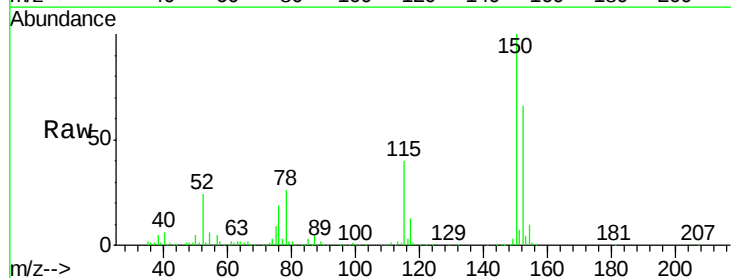
Instrument :
MSVOA_Y
ClientSampleId :
G-6

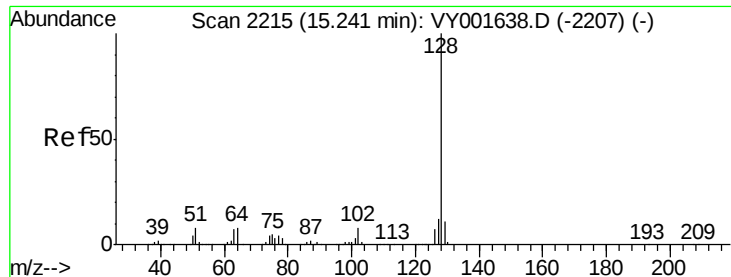
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.5	68.3
119	31.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.4	94.2
150	157.2	0.0	407.2

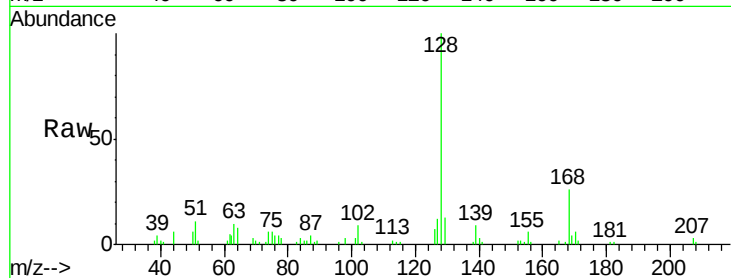




#95
Naphthalene
Concen: 3.014 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001819.D
Acq: 02 Mar 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
G-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	13.3	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

