

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003240.D
 Acq On : 20 Jul 2020 18:30
 Operator : SY/MD
 Sample : L3308-14
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14

Quant Time: Jul 21 04:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

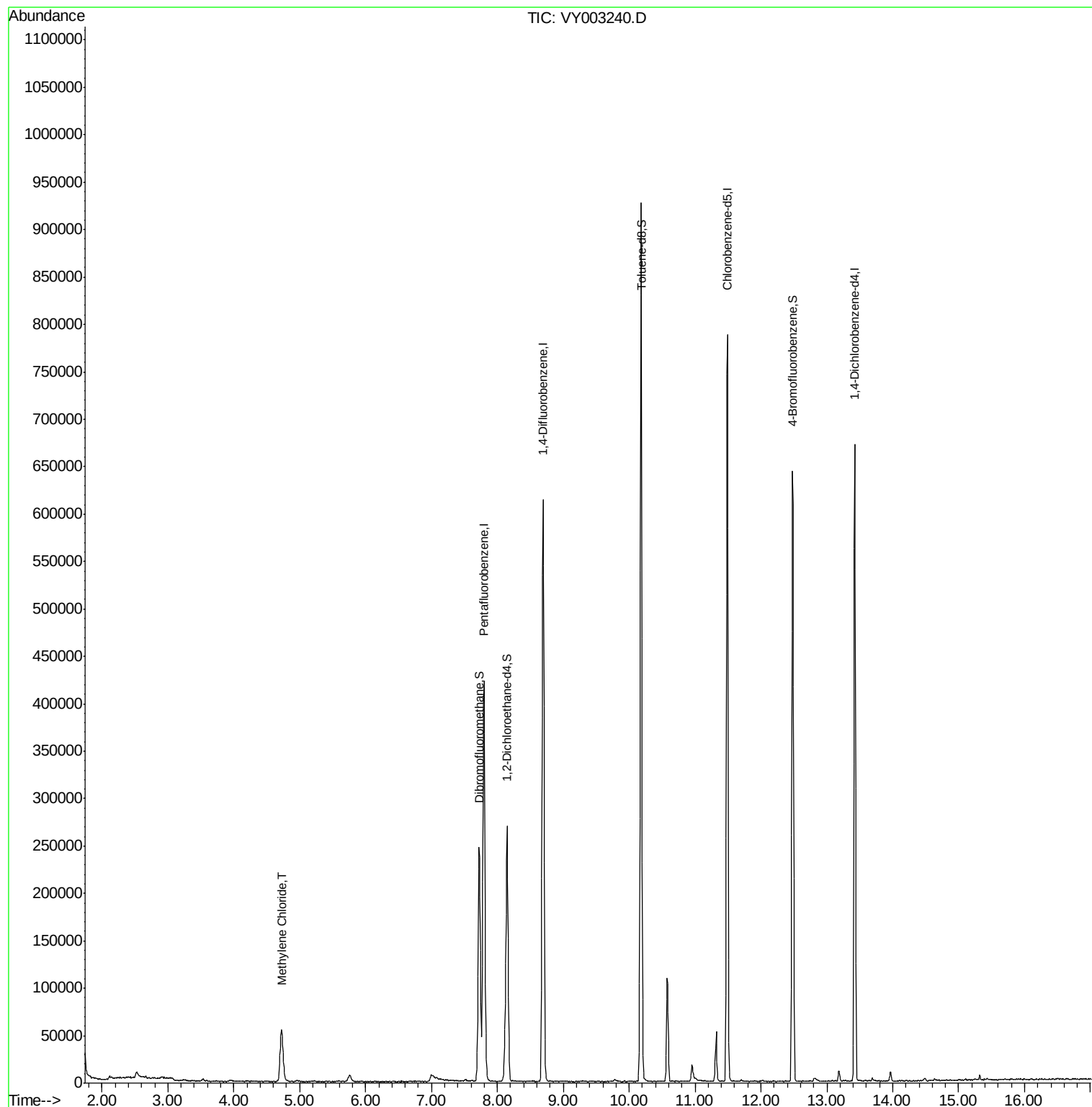
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	508382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	197987	69.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.66%	
35) Dibromofluoromethane	7.72	113	171414	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
50) Toluene-d8	10.18	98	599409	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.48	95	171884	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
20) Methylene Chloride	4.72	84	41624	8.502	ug/l	Qvalue 94

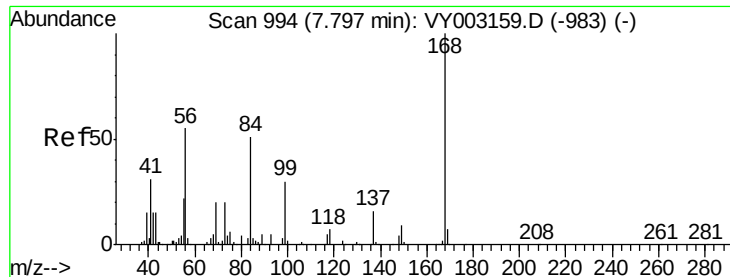
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003240.D
Acq On : 20 Jul 2020 18:30
Operator : SY/MD
Sample : L3308-14
Misc : 5.03G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
14

Quant Time: Jul 21 04:54:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003240.D

Acq: 20 Jul 2020 18:30

Instrument :

MSVOA_Y

ClientSampleId :

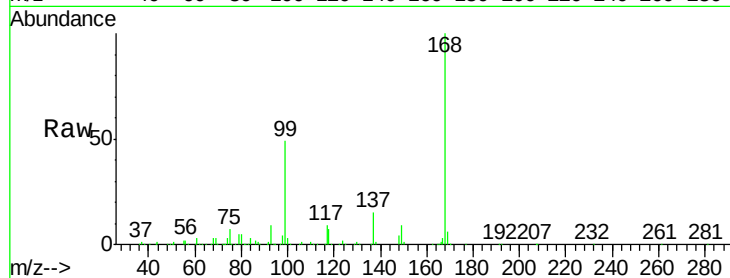
14

Tot Ion:168 Resp: 335921

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003240.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003240.D (-945) (-)

7.80

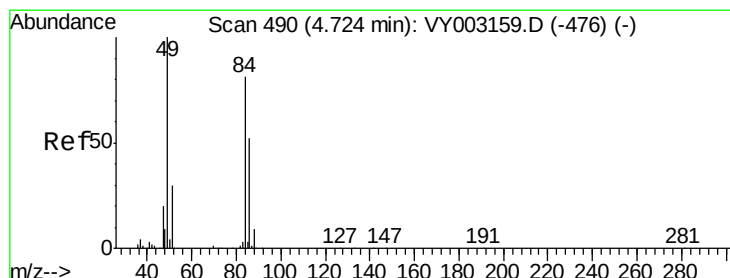
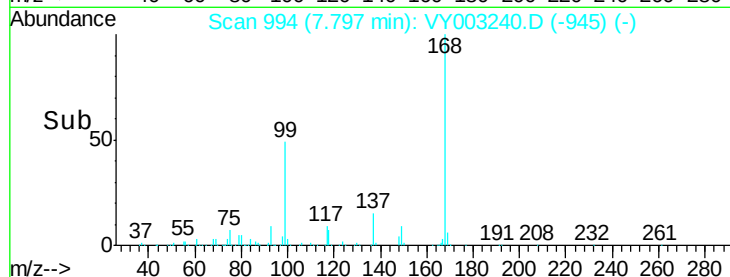
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.502 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY003240.D

Acq: 20 Jul 2020 18:30

Tgt Ion: 84 Resp: 41624

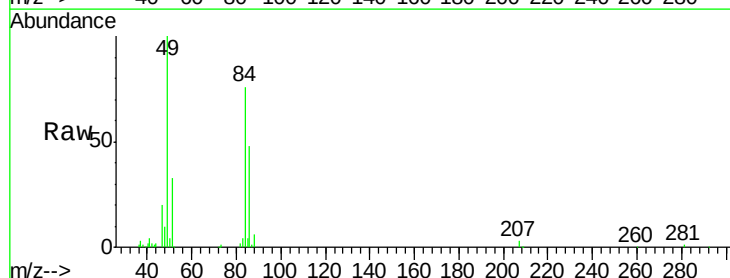
Ion Ratio Lower Upper

84 100

49 130.9 98.2 147.4

51 43.0 29.8 44.6

86 63.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003240.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003240.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003240.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003240.D (-441) (-)

4.72

25000

20000

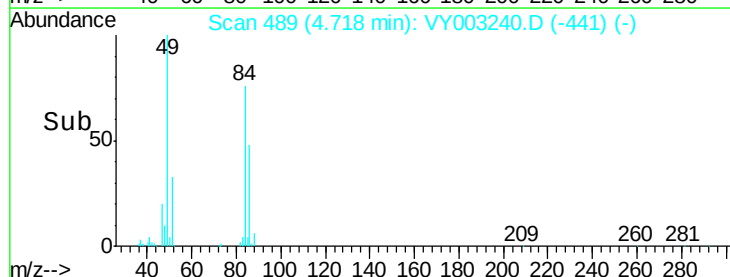
15000

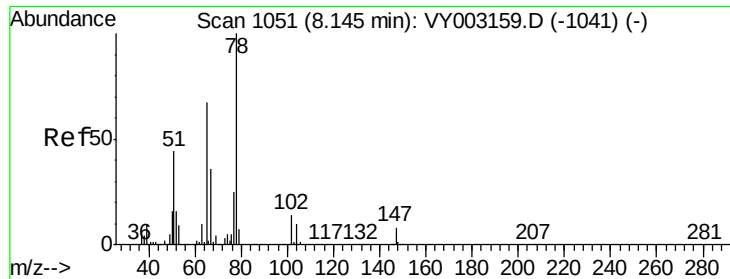
10000

5000

0

Time-->

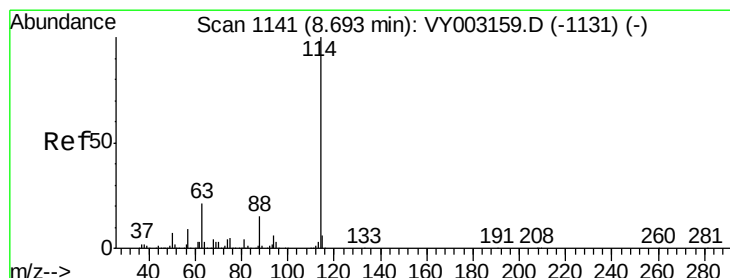
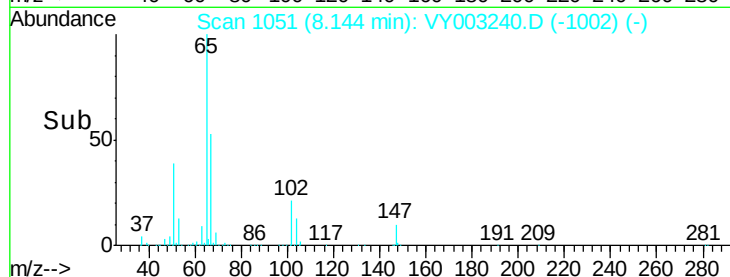
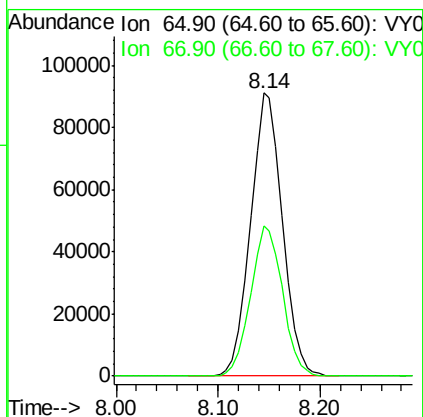
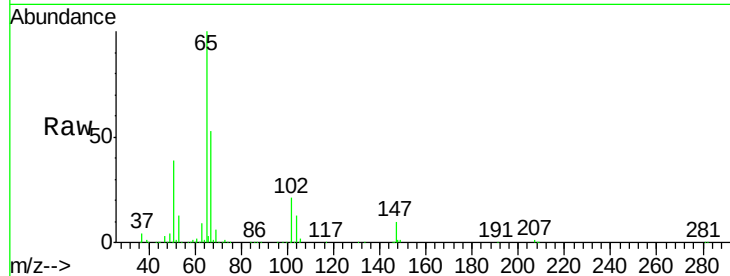




#33
 1,2-Dichloroethane-d4
 Concen: 69.830 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003240.D
 Acq: 20 Jul 2020 18:30

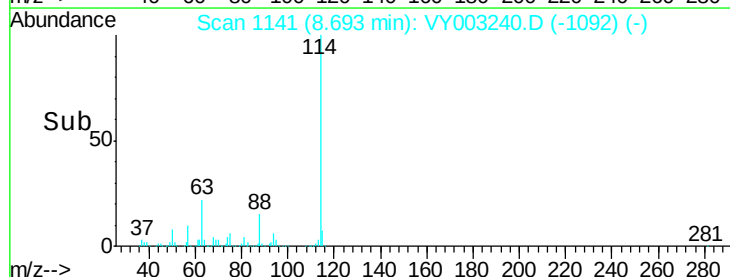
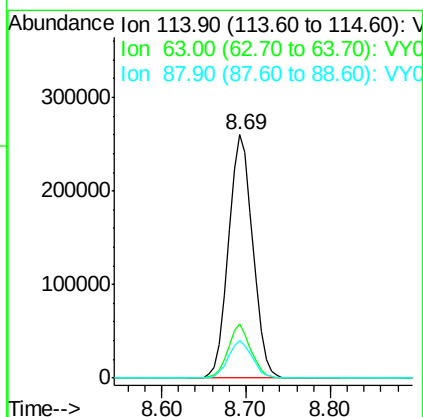
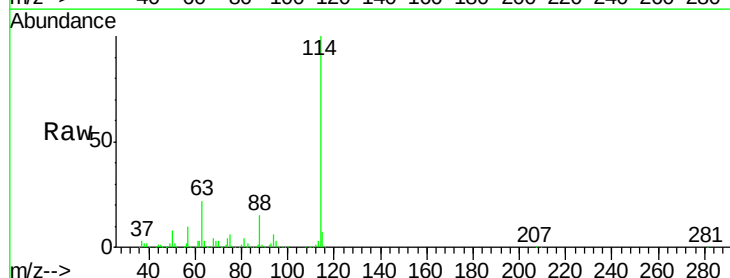
Instrument :
 MSVOA_Y
 ClientSampled :
 14

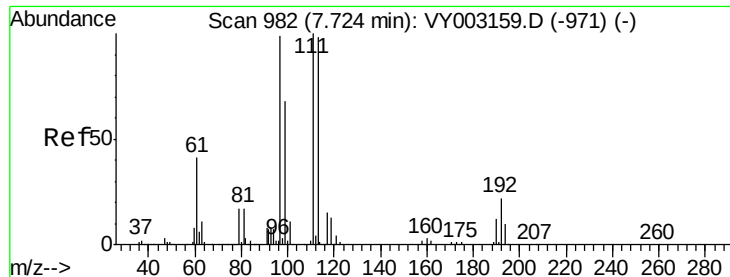
Tot Ion: 65 Resp: 197987
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003240.D
 Acq: 20 Jul 2020 18:30

Tgt Ion: 114 Resp: 508382
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.2
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 58.591 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003240.D

Acq: 20 Jul 2020 18:30

Instrument :

MSVOA_Y

ClientSampleId :

14

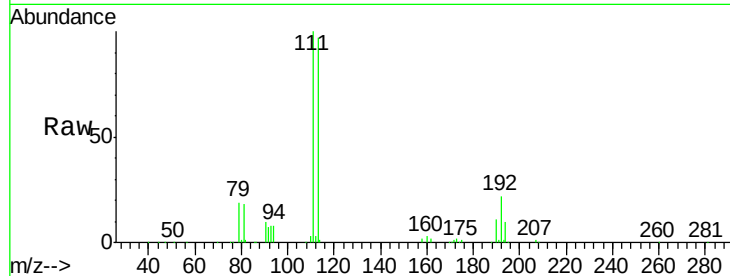
Tot Ion:113 Resp: 171414

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

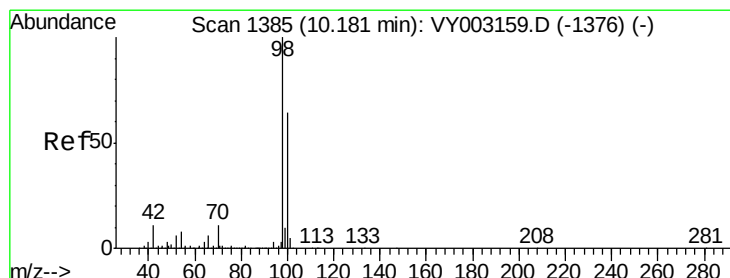
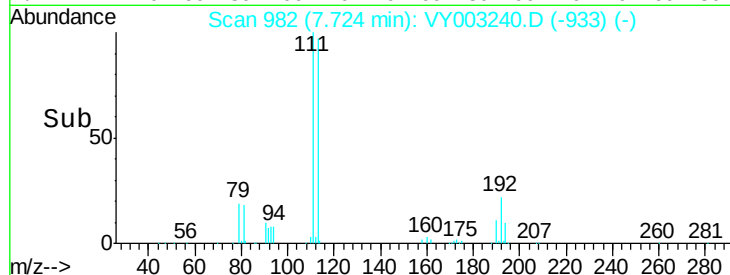
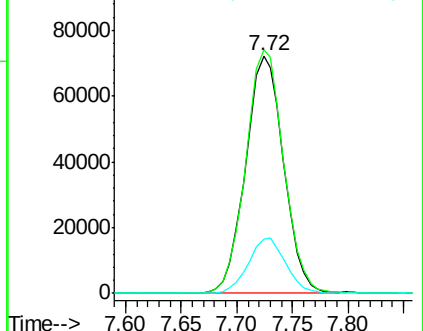
192 22.8 18.8 28.2



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: 55.108 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003240.D

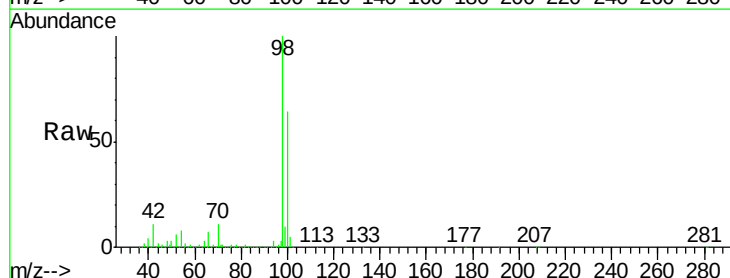
Acq: 20 Jul 2020 18:30

Tgt Ion: 98 Resp: 599409

Ion Ratio Lower Upper

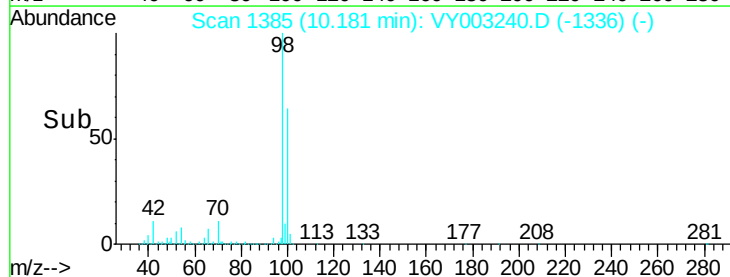
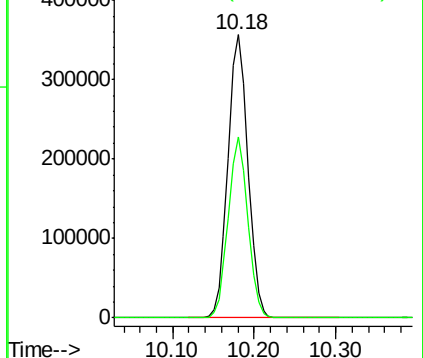
98 100

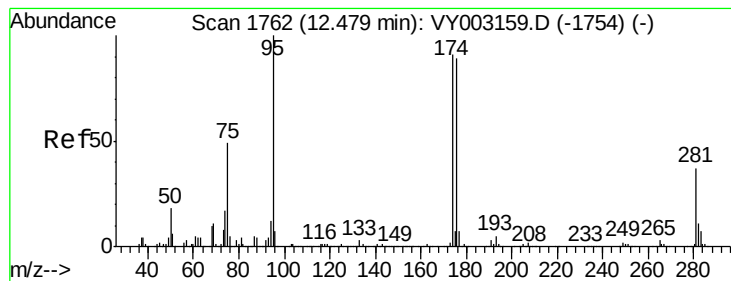
100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 43.743 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003240.D

Acq: 20 Jul 2020 18:30

Instrument :

MSVOA_Y

ClientSampled :

14

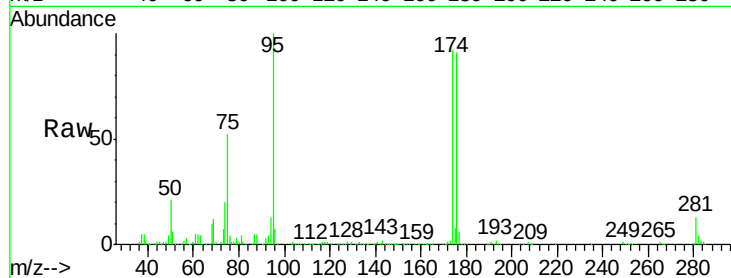
Tot Ion: 95 Resp: 171884

Ion Ratio Lower Upper

95 100

174 94.5 0.0 190.6

176 91.0 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003240.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003240.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003240.D (-1754) (-)

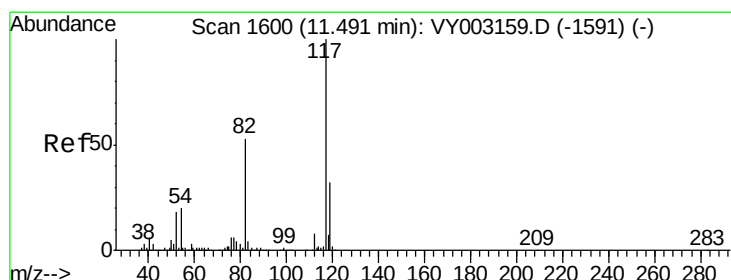
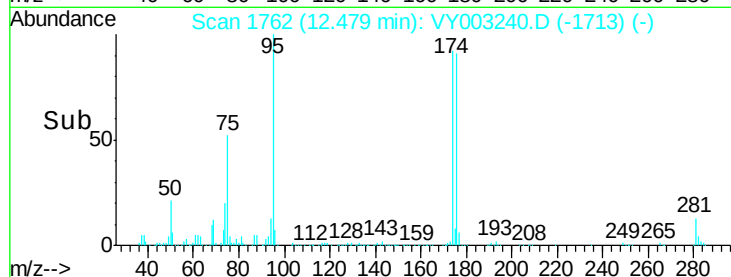
12.48

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003240.D

Acq: 20 Jul 2020 18:30

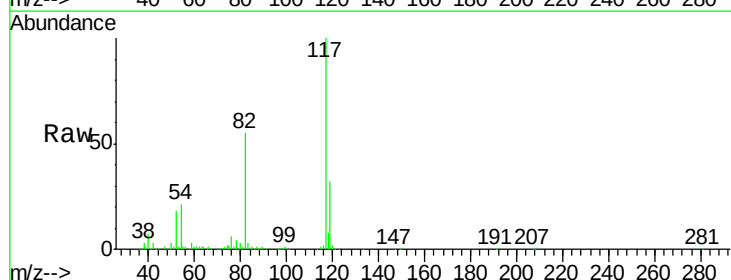
Tgt Ion: 117 Resp: 426842

Ion Ratio Lower Upper

117 100

82 55.2 42.0 63.0

119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VY003240.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003240.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003240.D (-1551) (-)

11.49

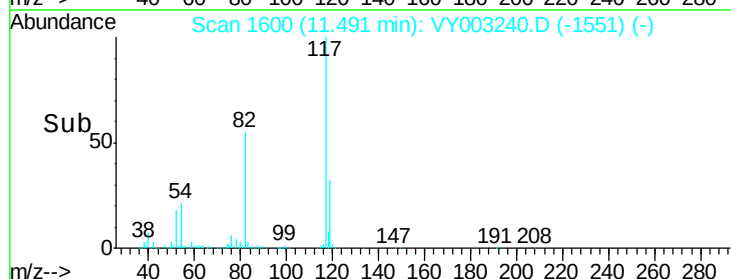
300000

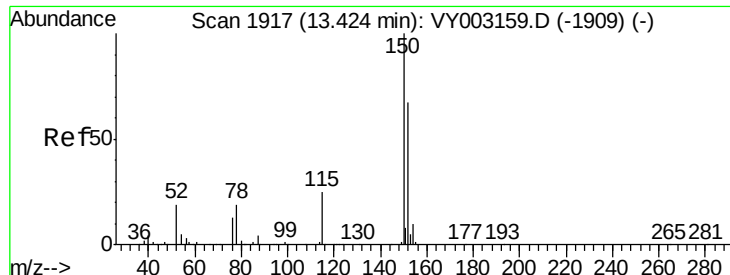
200000

100000

0

Time-->

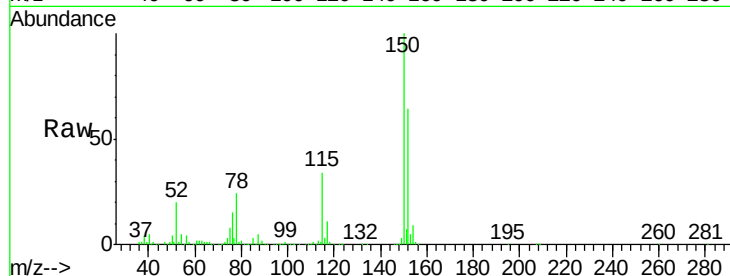




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003240.D
 Acq: 20 Jul 2020 18:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 14



Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	156.1	0.0	338.0

