

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001942.D
 Acq On : 11 Mar 2020 14:54
 Operator : SY/MD
 Sample : L1893-05
 Misc : 7.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(2-3)

Quant Time: Mar 12 02:34:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

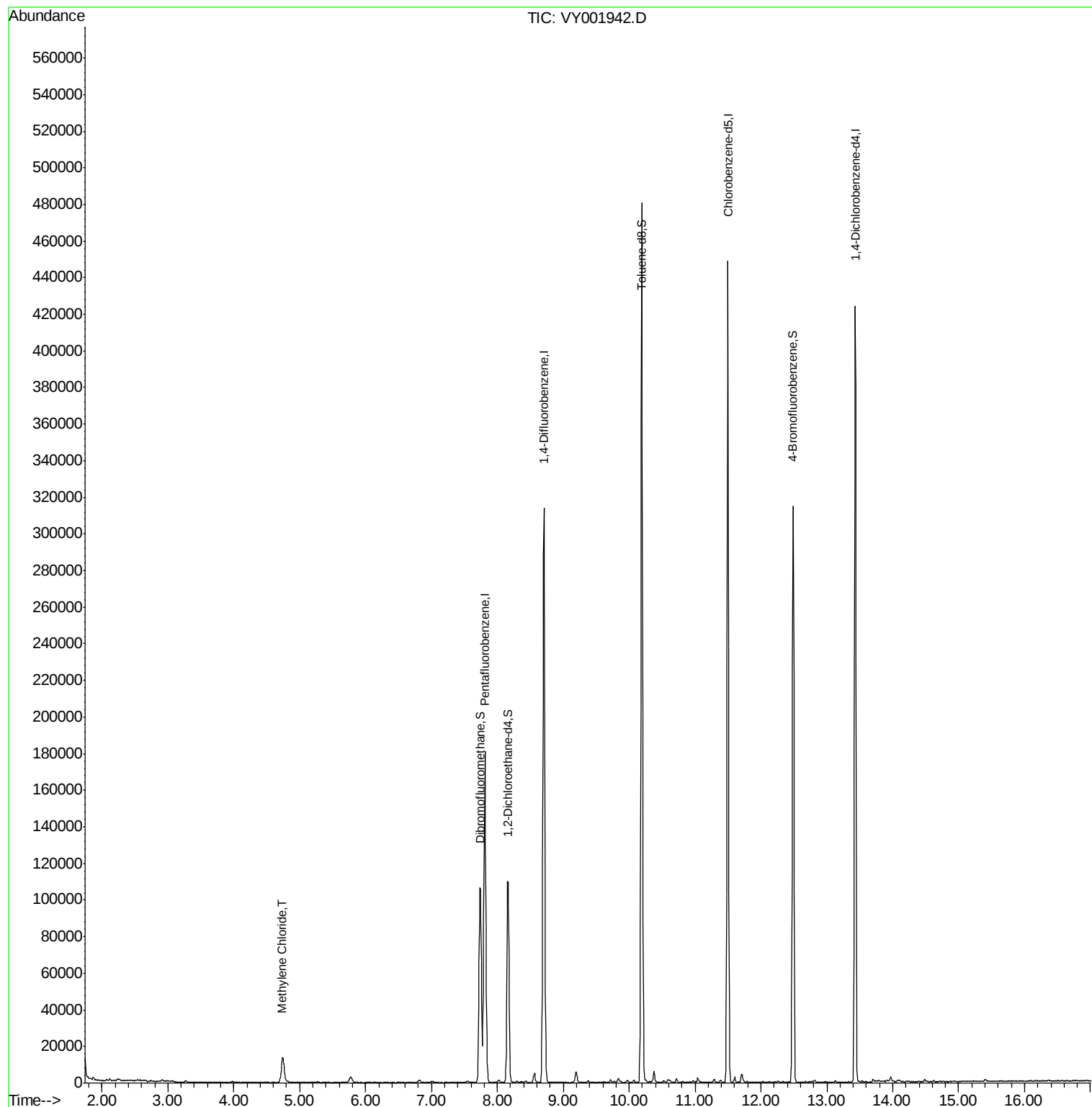
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	260715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84988	59.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	7.74	113	78038	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.19	98	319191	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.49	95	105529	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
Target Compounds						
20) Methylene Chloride	4.74	84	10215	5.709	ug/l	Qvalue 94

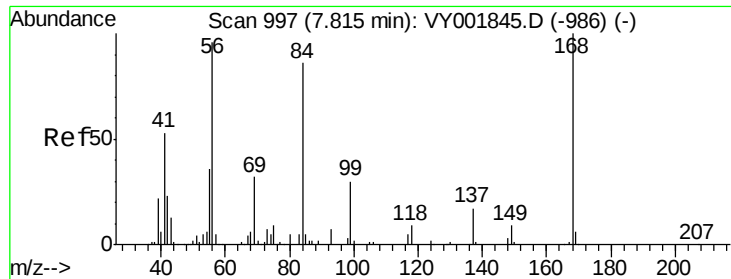
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

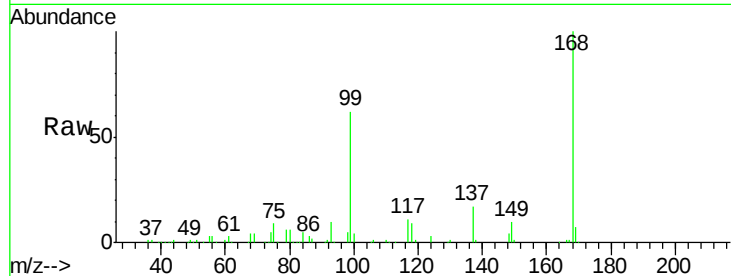
TP-2(2-3)

Tot Ion:168 Resp: 134275

Ion Ratio Lower Upper

168 100

99 61.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

60000

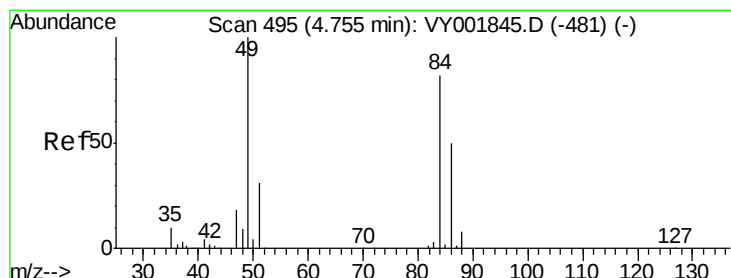
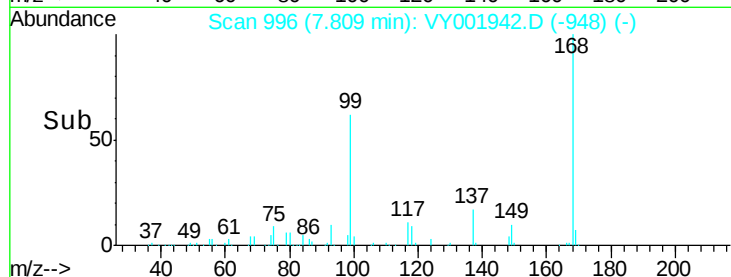
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 5.709 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Tgt Ion: 84 Resp: 10215

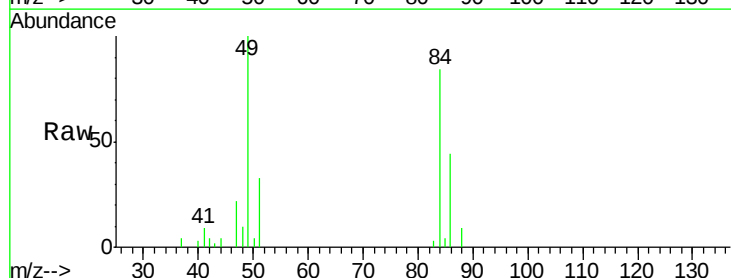
Ion Ratio Lower Upper

84 100

49 118.5 98.2 147.2

51 39.5 30.2 45.2

86 52.2 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

4.74

6000

5000

4000

3000

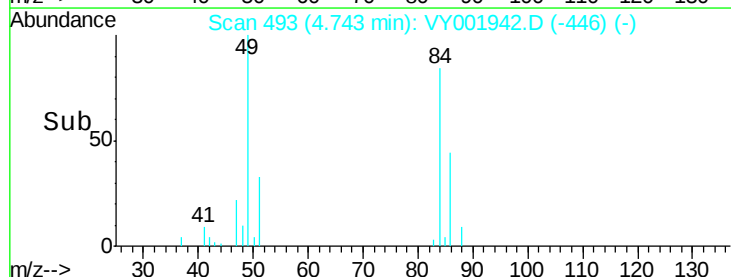
2000

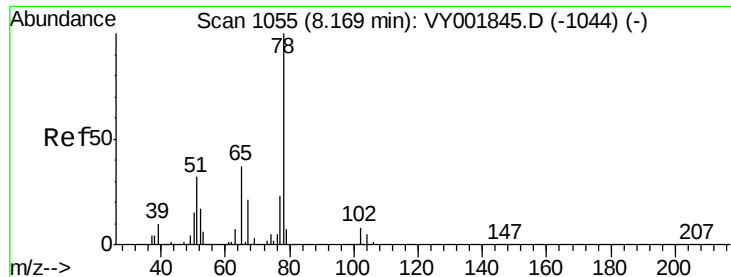
1000

0

4.60 4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.288 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

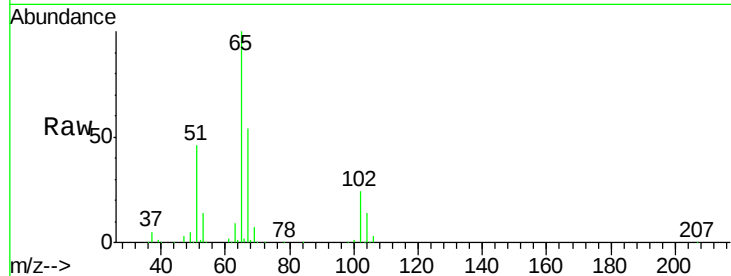
TP-2(2-3)

Tot Ion: 65 Resp: 84988

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001942.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001942.D (-1006) (-)

8.16

40000

30000

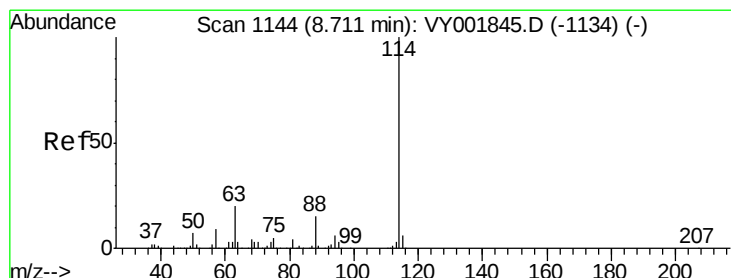
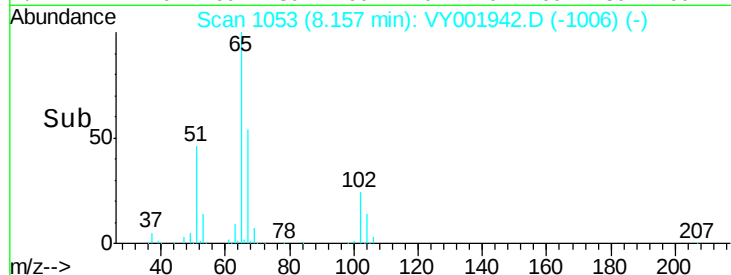
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

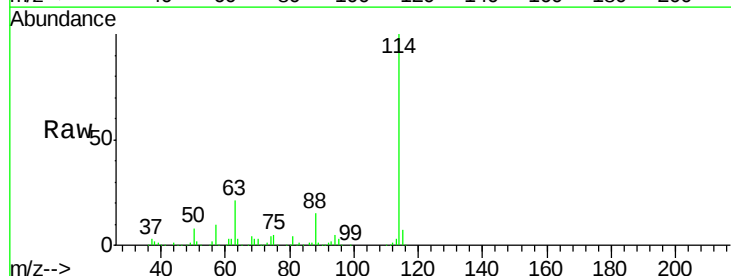
Tgt Ion: 114 Resp: 260715

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VY001942.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001942.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001942.D (-1095) (-)

8.71

150000

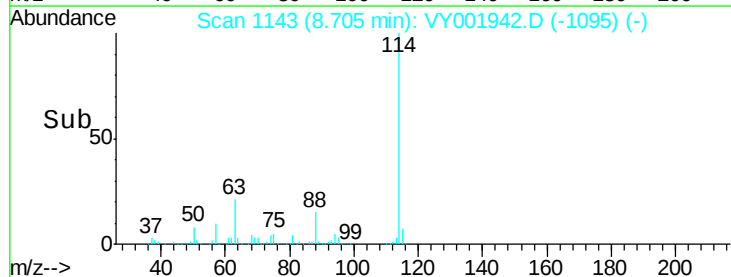
100000

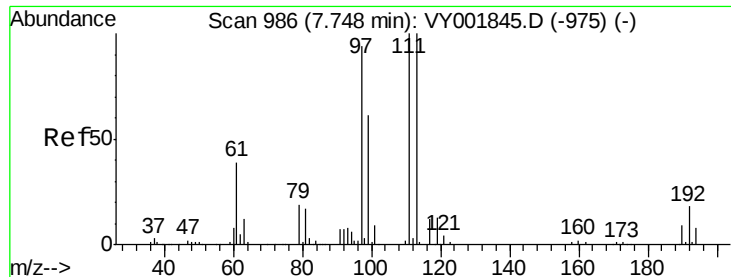
50000

0

8.60 8.70 8.80

Time-->

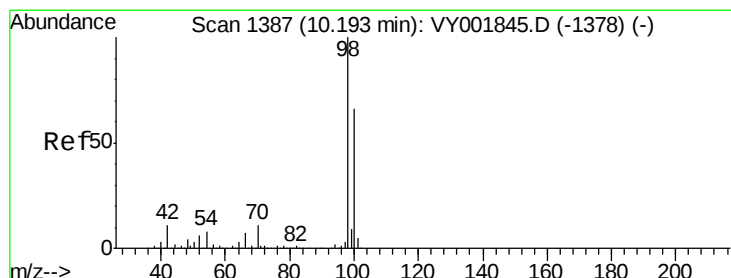
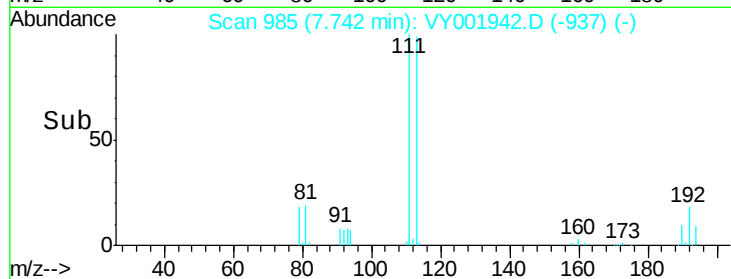
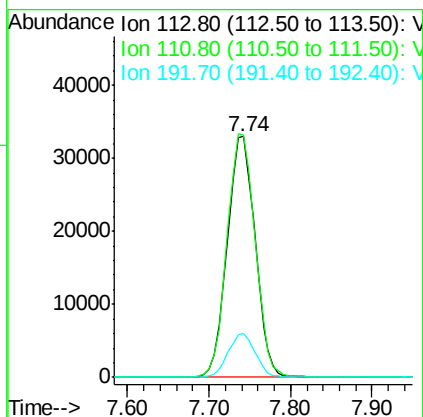
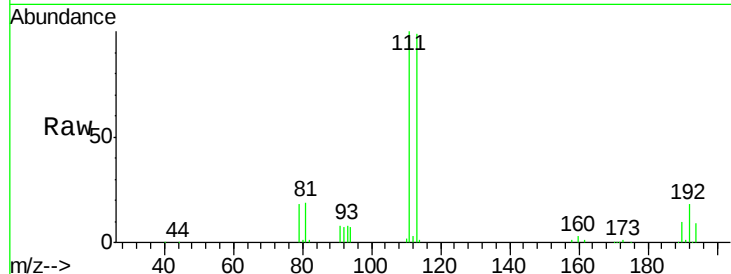




#35
 Dibromofluoromethane
 Concen: 54.817 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

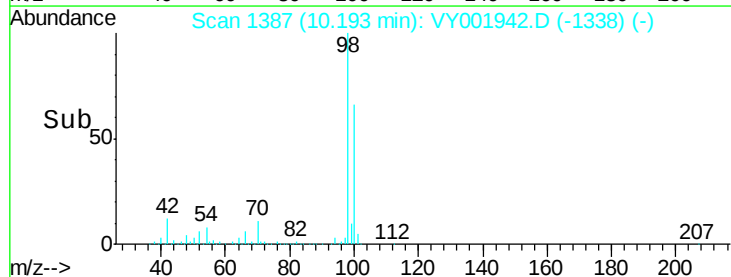
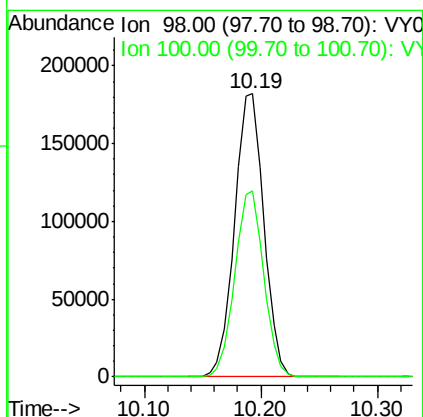
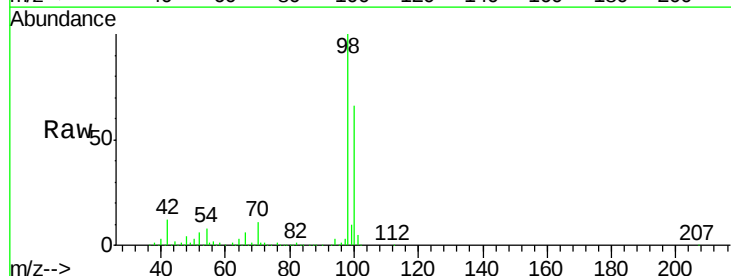
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(2-3)

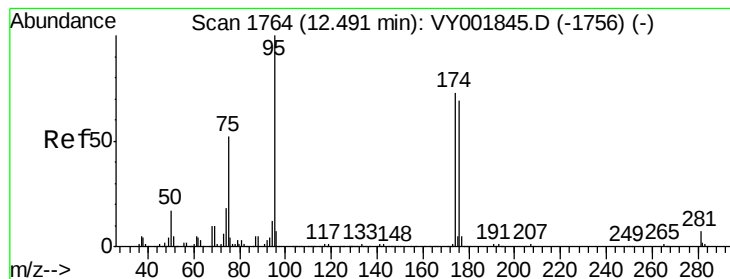
Tot Ion:113 Resp: 78038
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 17.5 14.2 21.2



#50
 Toluene-d8
 Concen: 53.170 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001942.D
 Acq: 11 Mar 2020 14:54

Tgt Ion: 98 Resp: 319191
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 50.556 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampled :

TP-2(2-3)

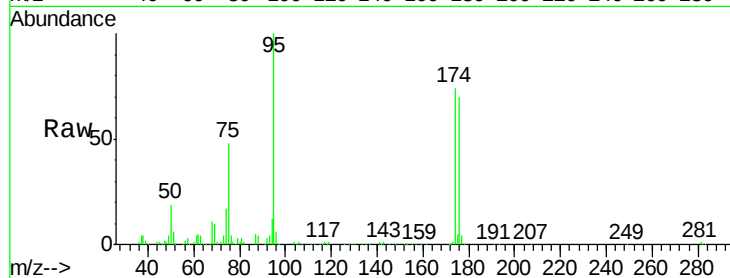
Tot Ion: 95 Resp: 105529

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

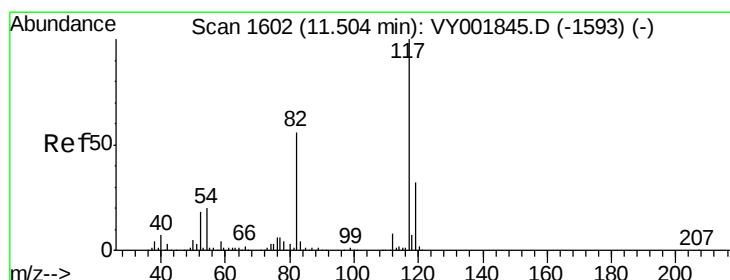
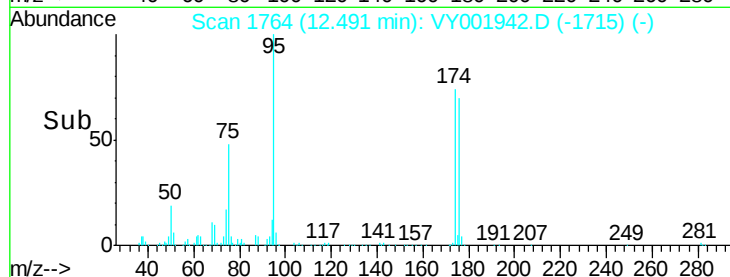
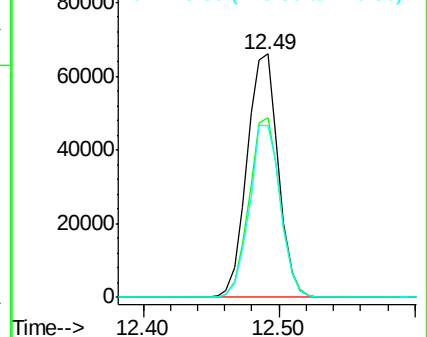
176 70.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001942.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001942.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001942.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

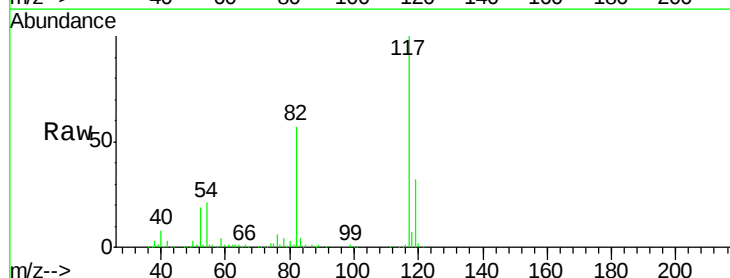
Tgt Ion: 117 Resp: 237617

Ion Ratio Lower Upper

117 100

82 57.5 44.5 66.7

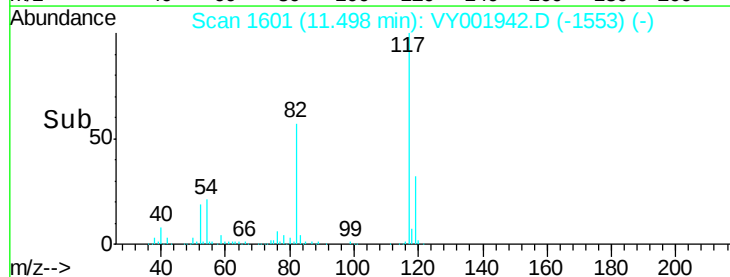
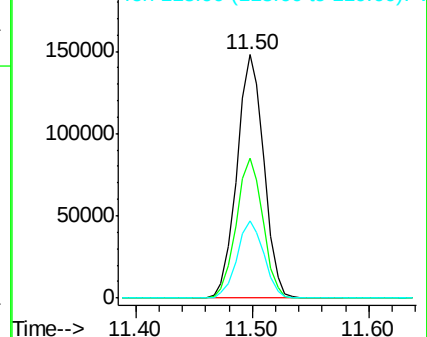
119 31.7 25.7 38.5

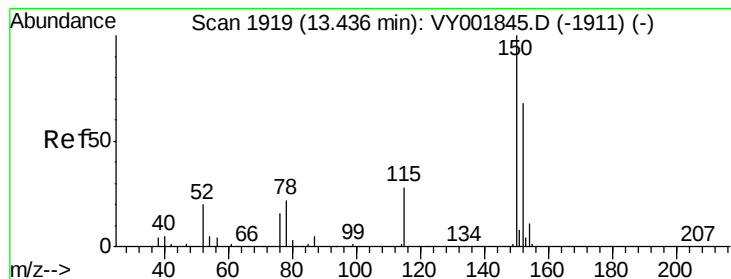


Abundance Ion 116.90 (116.60 to 117.60): VY001942.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001942.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001942.D (-1553) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001942.D

Acq: 11 Mar 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(2-3)

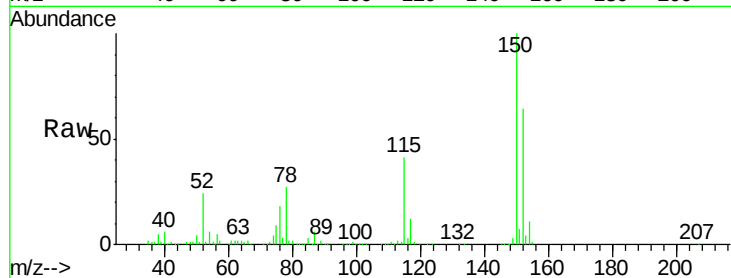
Tot Ion:152 Resp: 101911

Ion Ratio Lower Upper

152 100

115 61.6 29.9 89.7

150 157.5 0.0 340.6



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

