

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001994.D
 Acq On : 17 Mar 2020 13:30
 Operator : SY/MD
 Sample : L1954-05
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11(1.5-2.5)

Quant Time: Mar 17 16:48:53 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

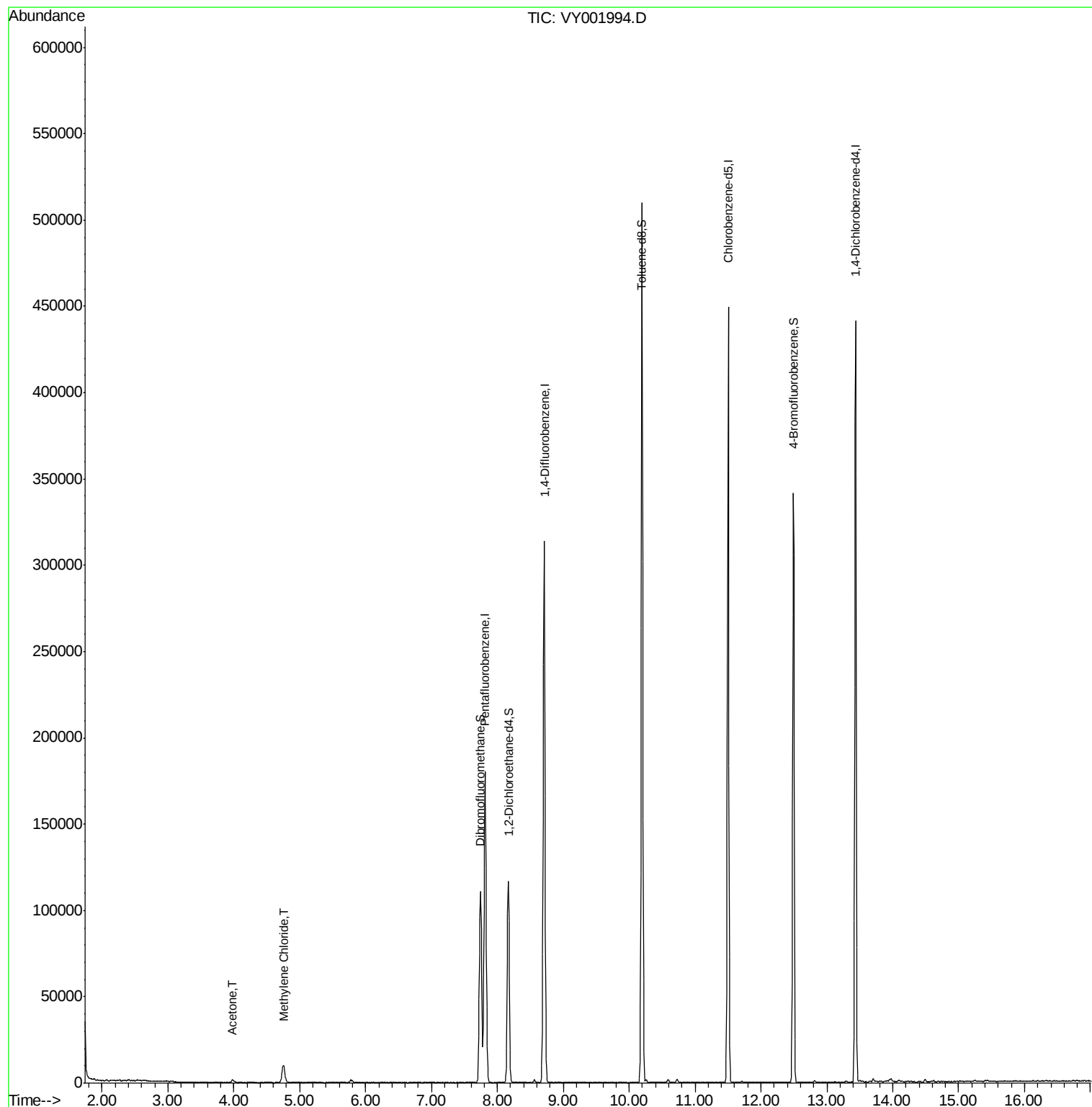
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	140713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	269358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86287	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.74	113	80041	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.19	98	325875	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.49	95	109991	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
16) Acetone	3.98	43	2861	6.539	ug/l #	84
20) Methylene Chloride	4.76	84	7740	4.128	ug/l #	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

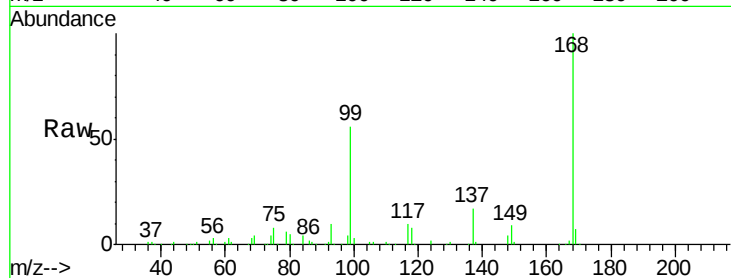
TP-11(1.5-2.5)

Tot Ion:168 Resp: 140713

Ion Ratio Lower Upper

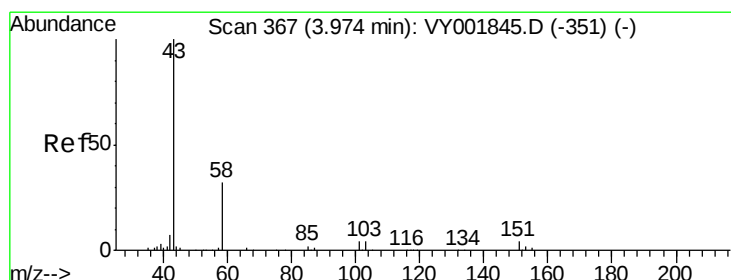
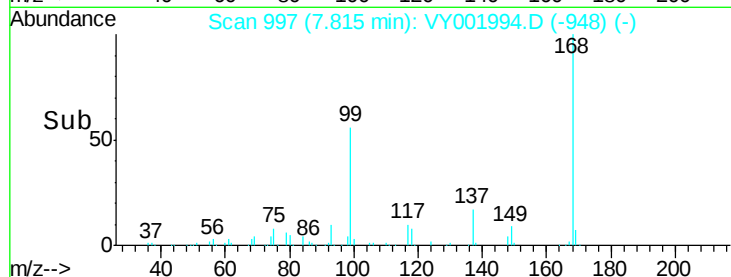
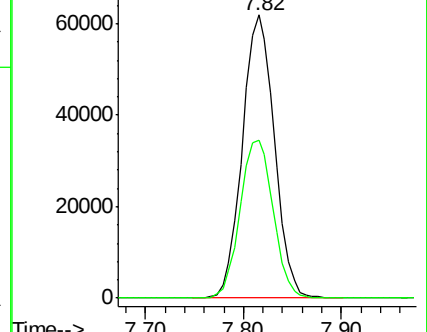
168 100

99 55.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001994.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001994.D (-948) (-)



#16

Acetone

Concen: 6.539 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001994.D

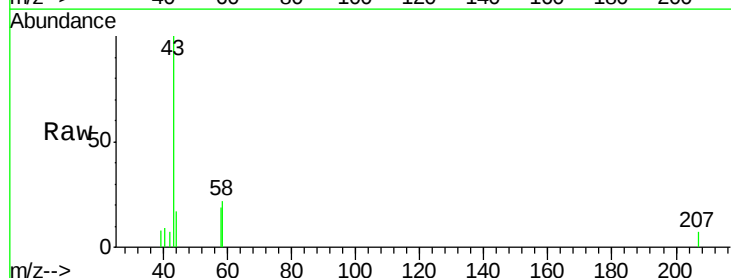
Acq: 17 Mar 2020 13:30

Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

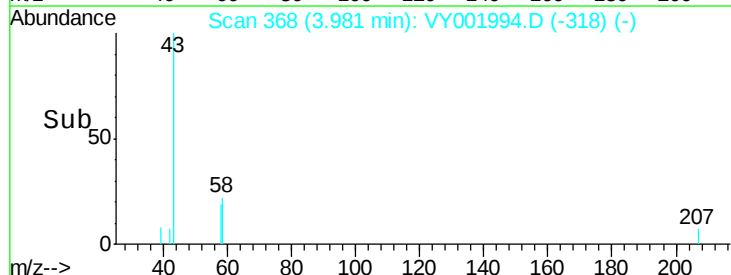
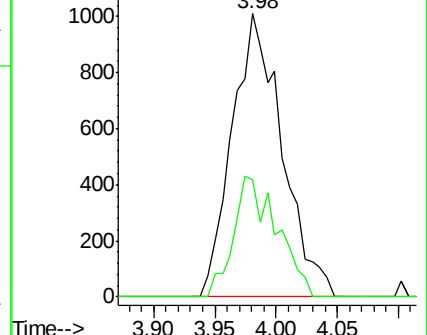
43 100

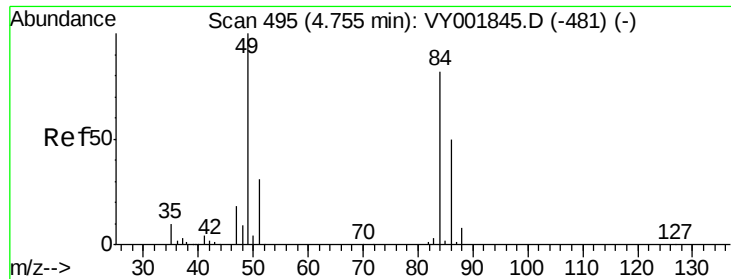
58 41.2 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001994.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001994.D (-318) (-)

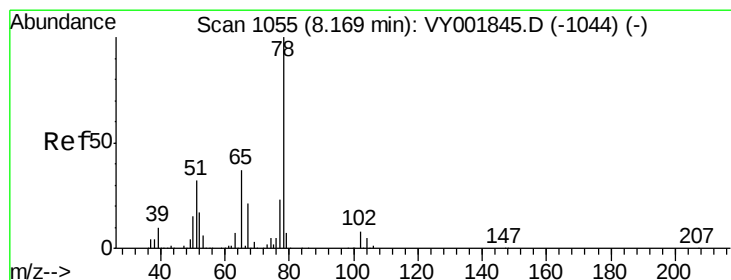
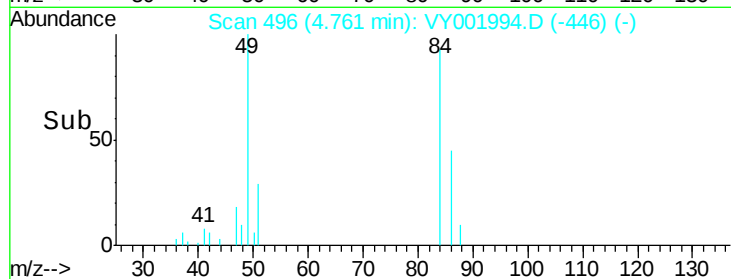
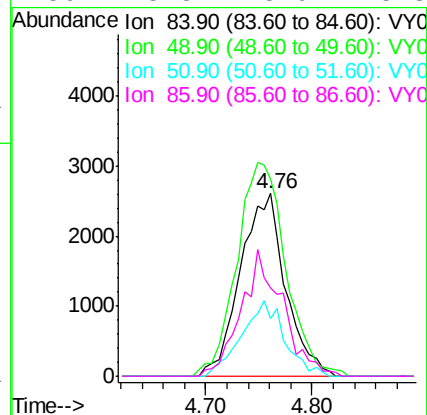
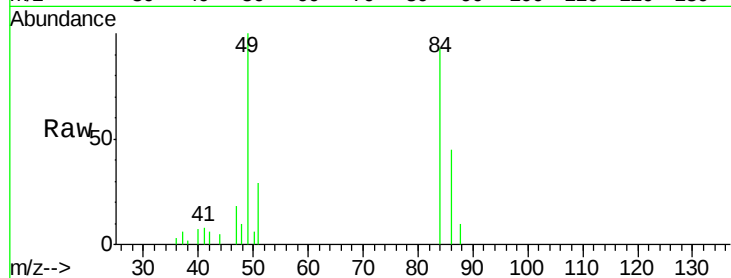




#20
Methvlene Chloride
Concen: 4.128 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

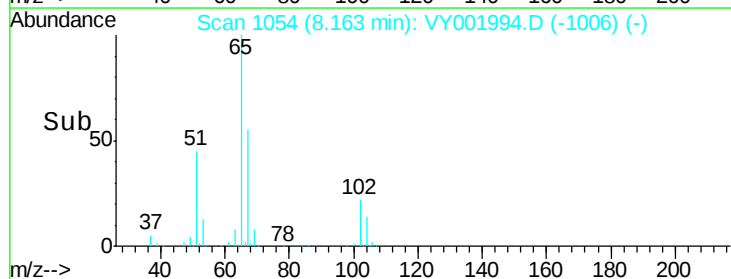
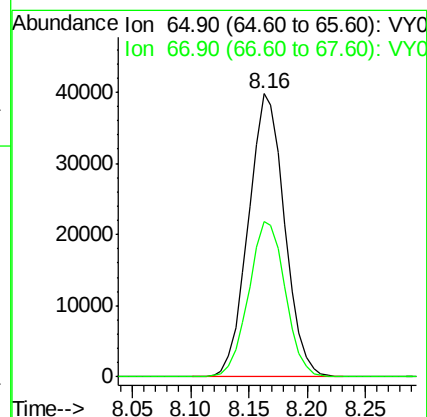
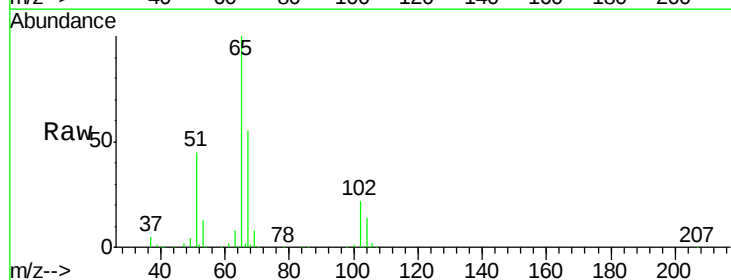
Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1.5-2.5)

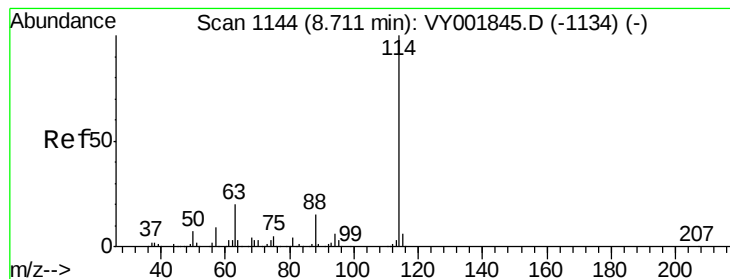
Tot Ion: 84 Resp: 7740
Ion Ratio Lower Upper
84 100
49 108.0 98.2 147.2
51 31.7 30.2 45.2
86 48.3 48.9 73.3#



#33
1,2-Dichloroethane-d4
Concen: 57.440 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

Tgt Ion: 65 Resp: 86287
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1.5-2.5)

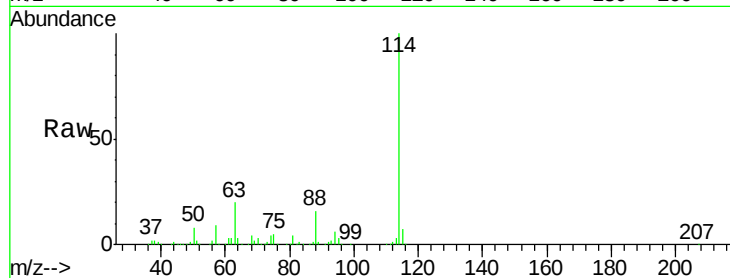
Tot Ion:114 Resp: 269358

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

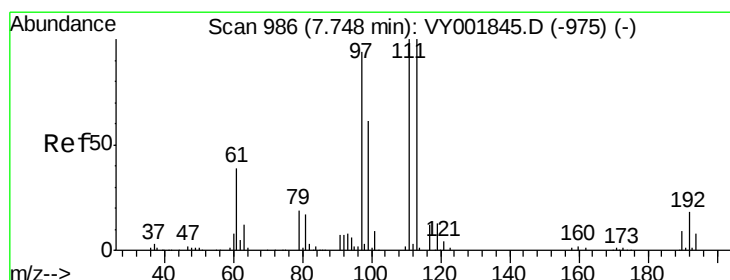
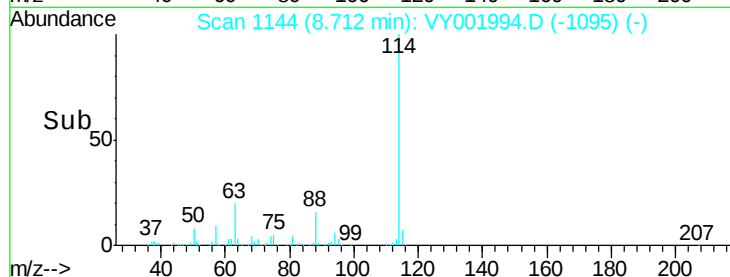
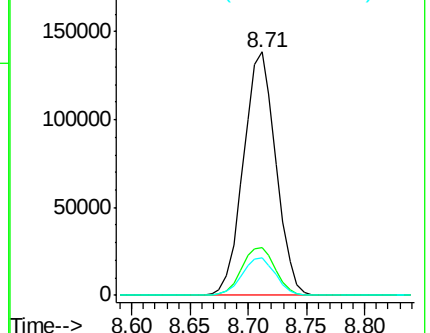
88 15.6 0.0 30.4



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: 54.419 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

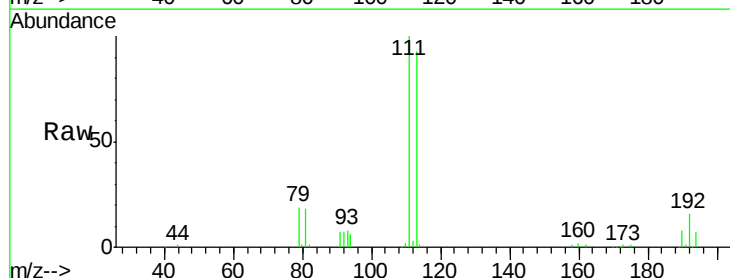
Tgt Ion:113 Resp: 80041

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

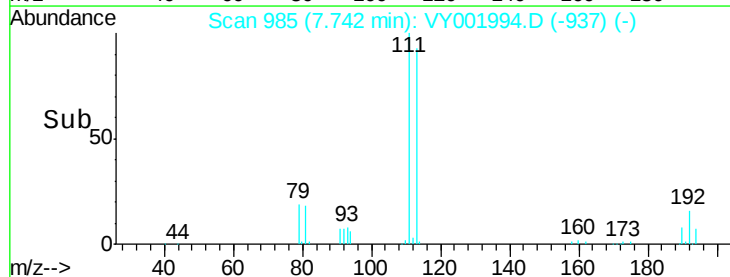
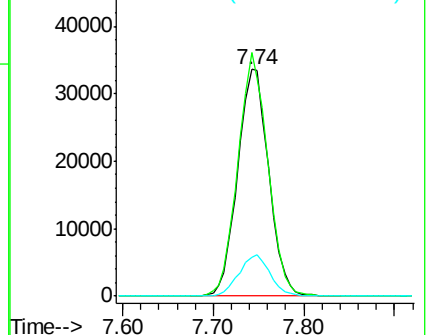
192 17.9 14.2 21.2

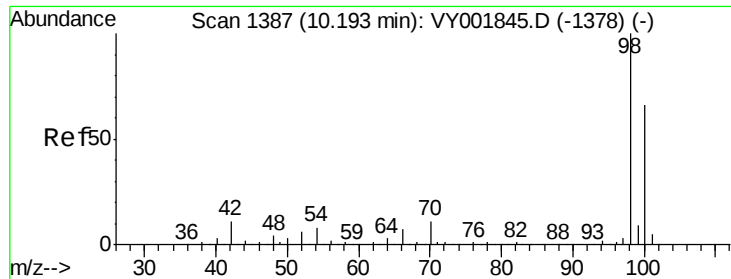


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.542 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

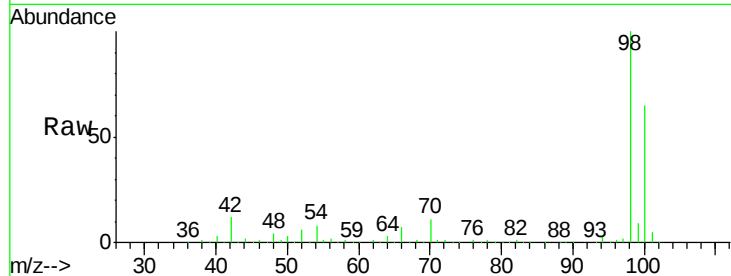
TP-11(1.5-2.5)

Tot Ion: 98 Resp: 325875

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

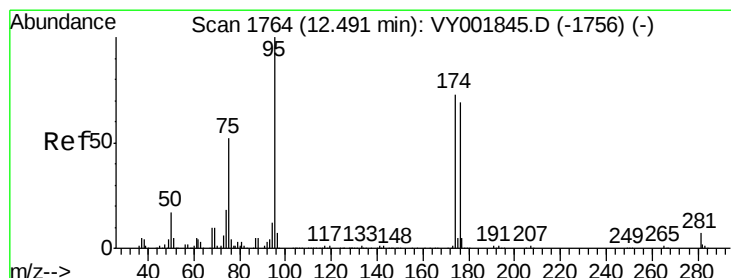
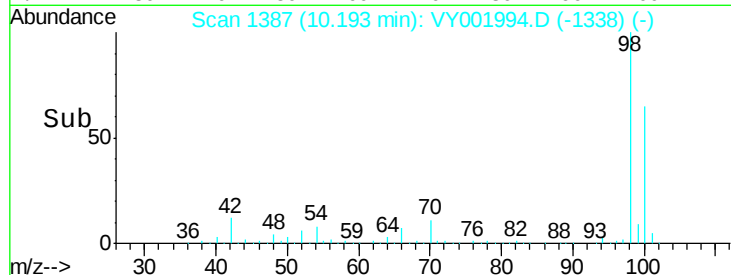
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.003 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

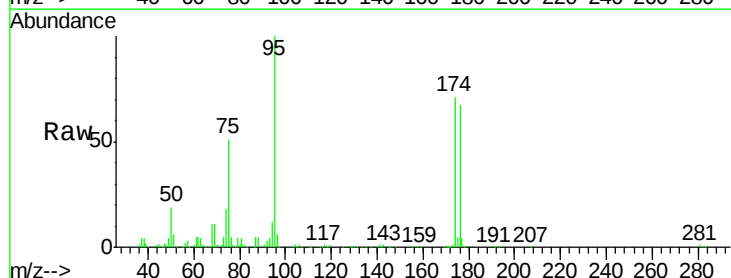
Tgt Ion: 95 Resp: 109991

Ion Ratio Lower Upper

95 100

174 73.6 0.0 145.0

176 70.4 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

100000

80000

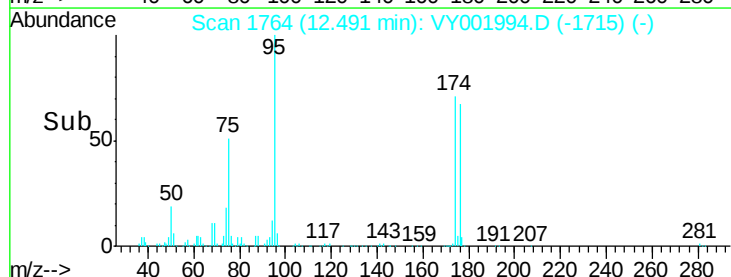
60000

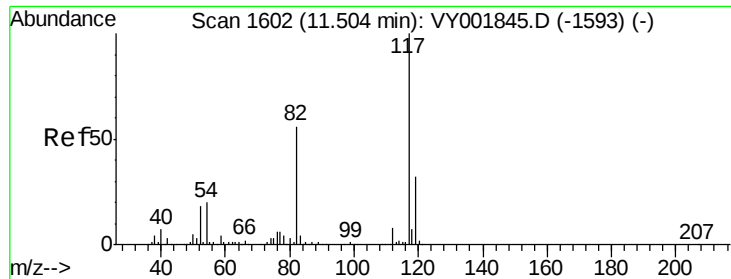
40000

20000

0

Time-->

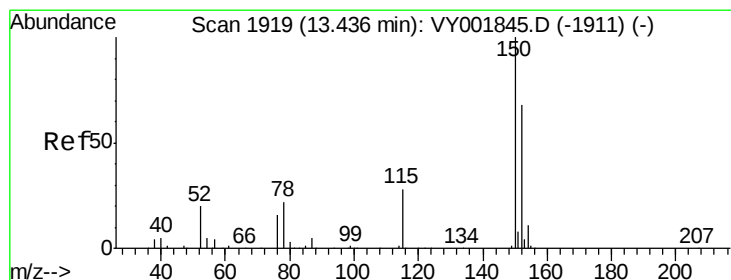
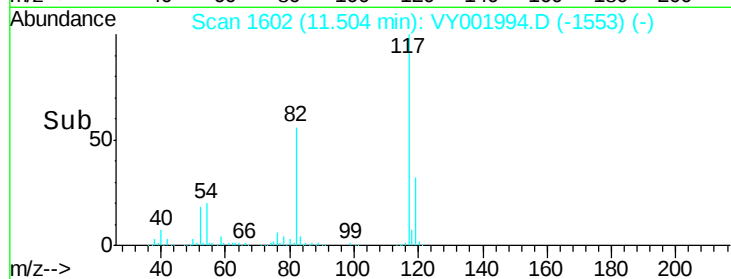
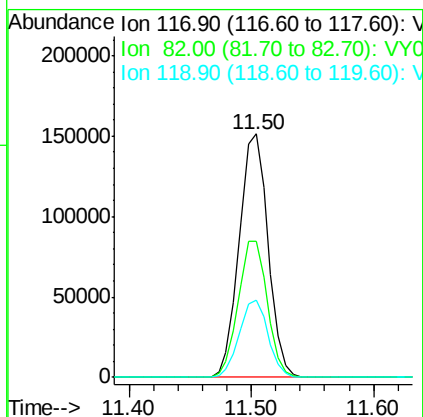
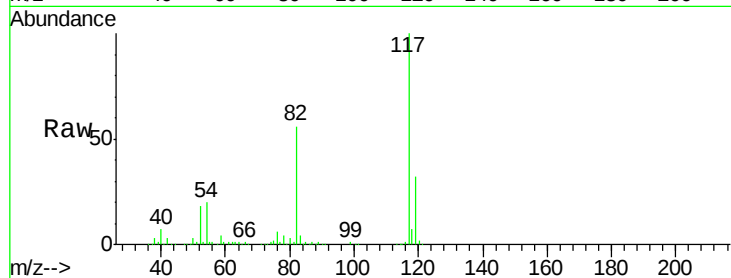




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1.5-2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	31.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.9	89.7
150	158.9	0.0	340.6

