

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001781.D
 Acq On : 26 Feb 2020 13:49
 Operator : SY/MD
 Sample : L1679-03
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

Quant Time: Feb 26 16:07:00 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

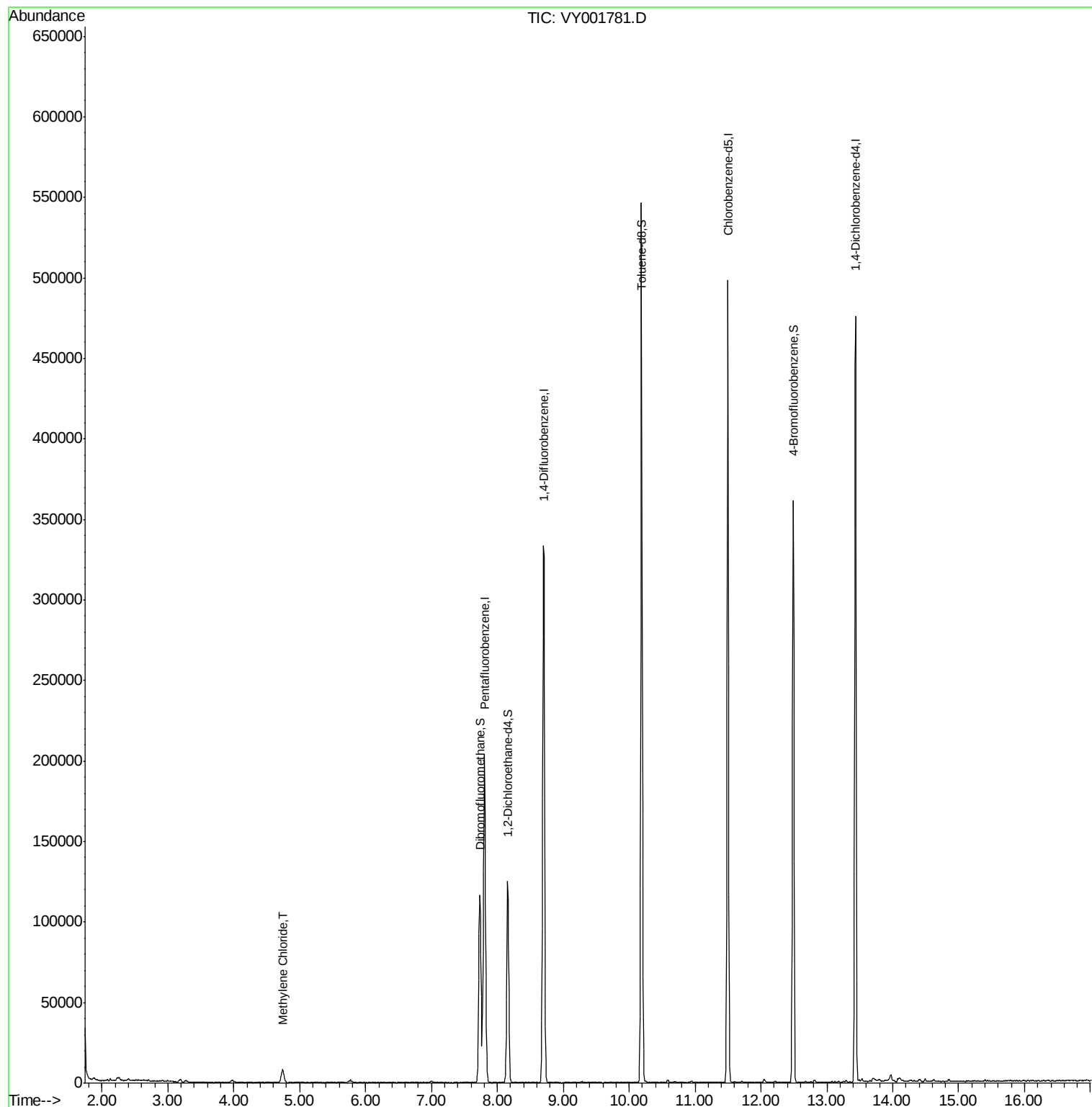
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91000	54.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.74	113	84328	50.91	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.19	98	350137	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.49	95	117939	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
20) Methylene Chloride	4.75	84	6468	3.139	ug/l #	Qvalue 83

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

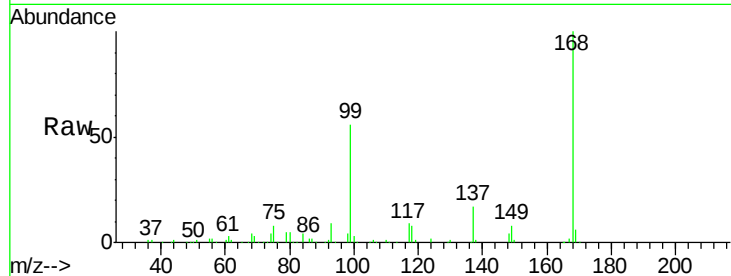
SB-3-12-12.5

Tot Ion:168 Resp: 155880

Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001781.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001781.D (-948) (-)

7.81

60000

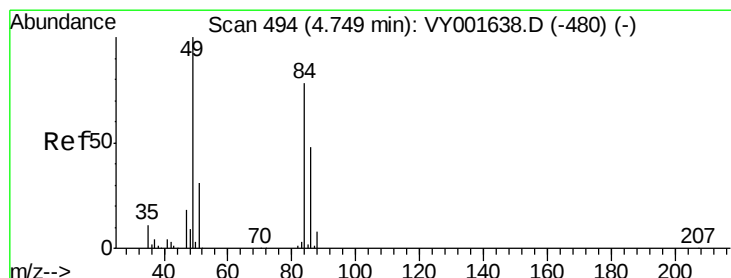
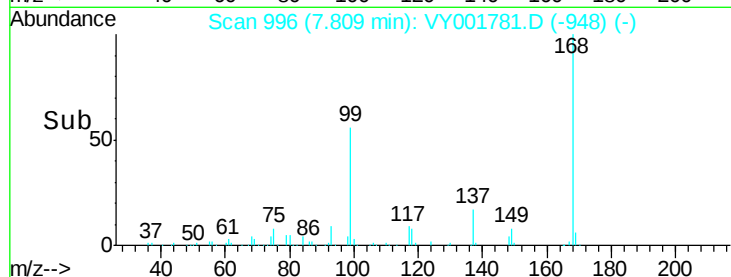
40000

20000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#20

Methylene Chloride

Concen: 3.139 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Tgt Ion: 84 Resp: 6468

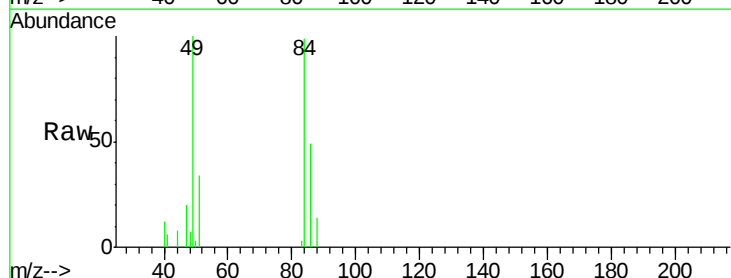
Ion Ratio Lower Upper

84 100

49 101.5 99.2 148.8

51 34.4 31.5 47.3

86 49.7 51.0 76.6#



Abundance Ion 83.90 (83.60 to 84.60): VY001781.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001781.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001781.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001781.D (-445) (-)

4.75

3000

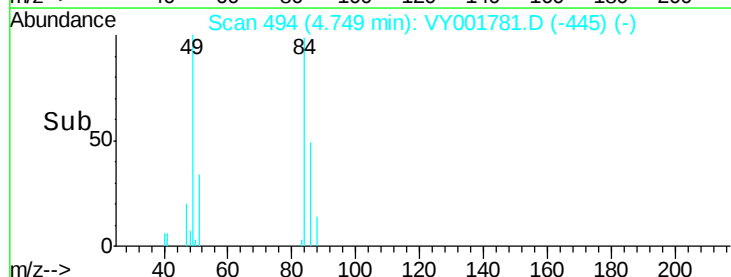
2000

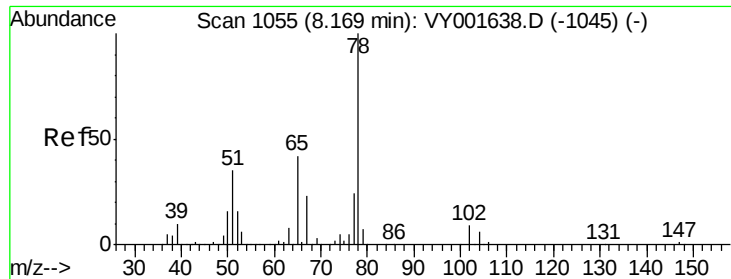
1000

0

4.70 4.75 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.273 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

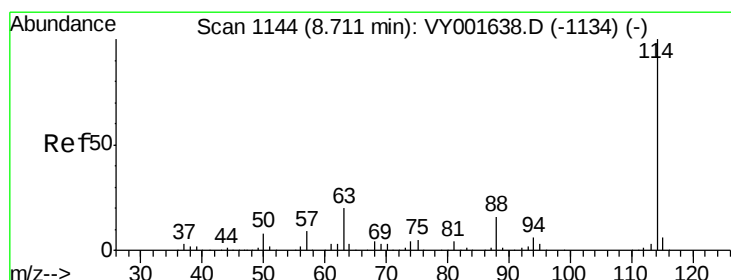
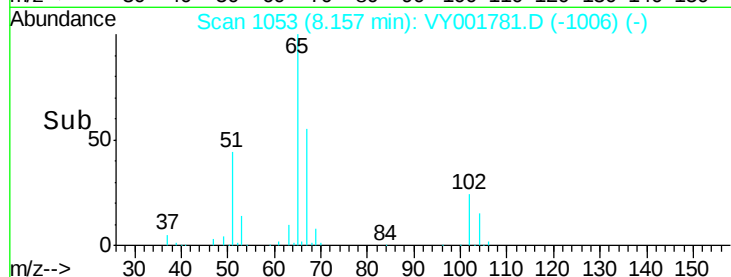
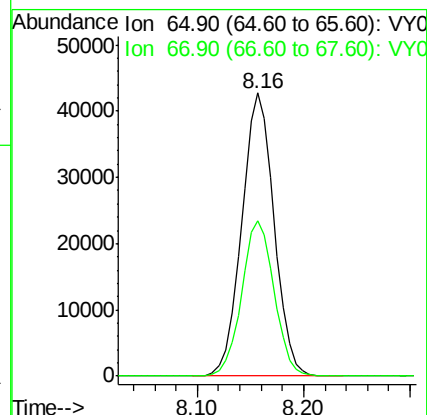
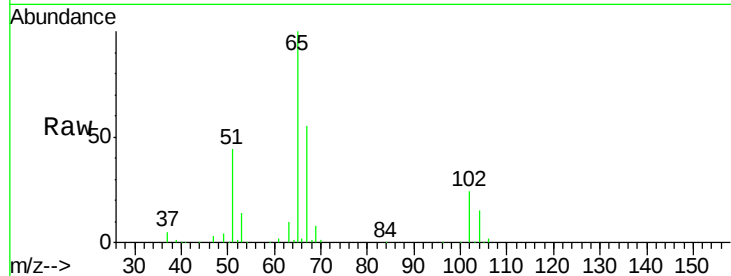
SB-3-12-12.5

Tot Ion: 65 Resp: 91000

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

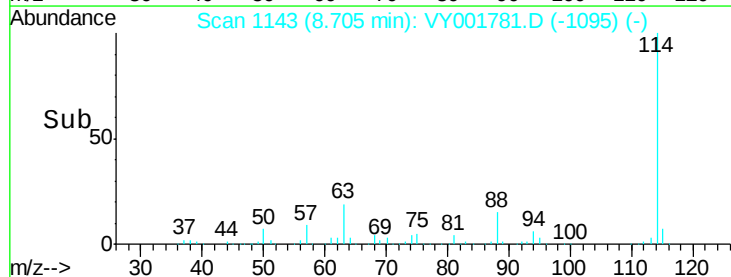
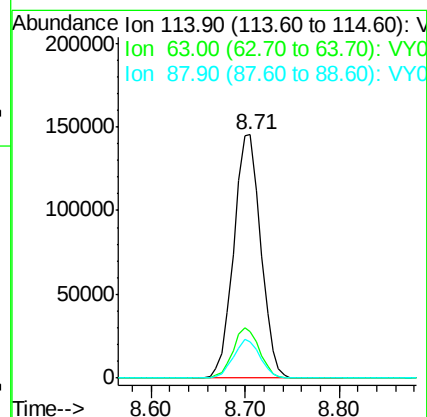
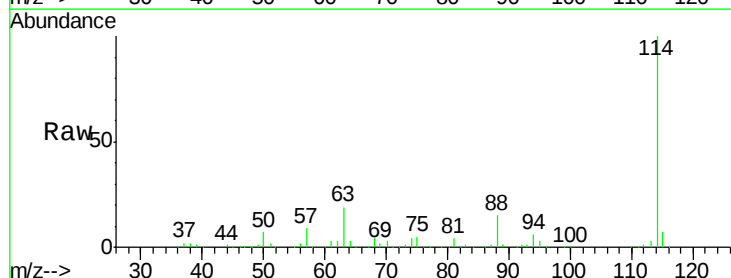
Tgt Ion: 114 Resp: 289227

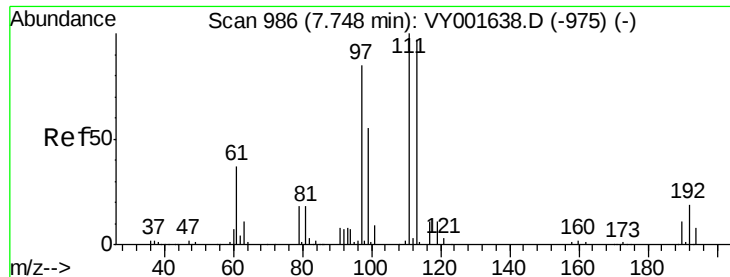
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.1 0.0 32.8

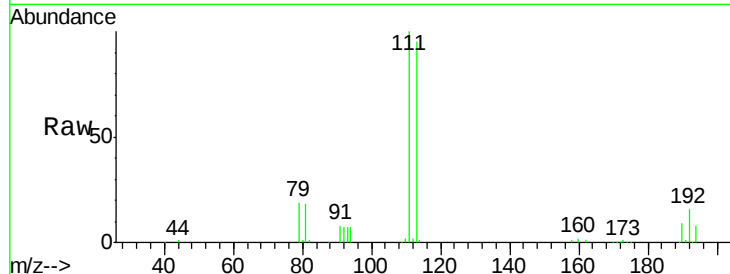




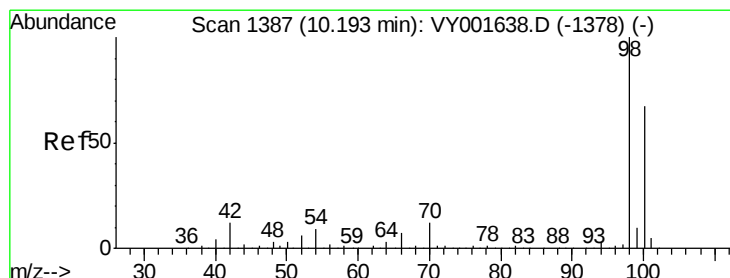
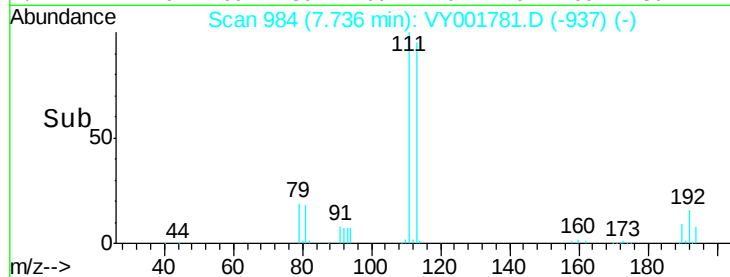
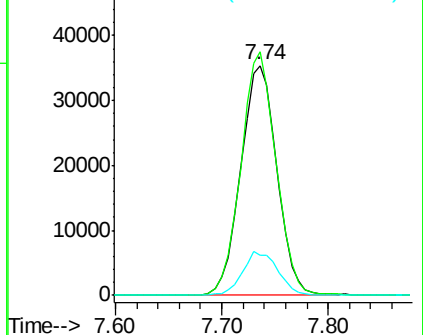
#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	18.5	14.3	21.5

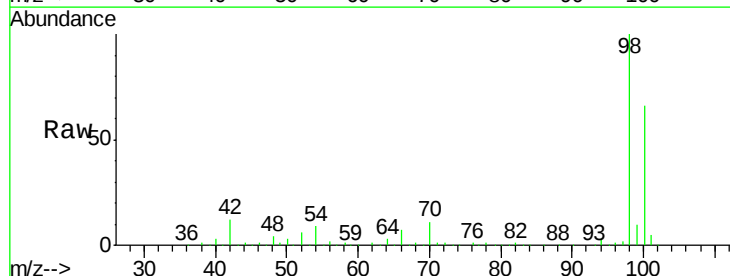


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

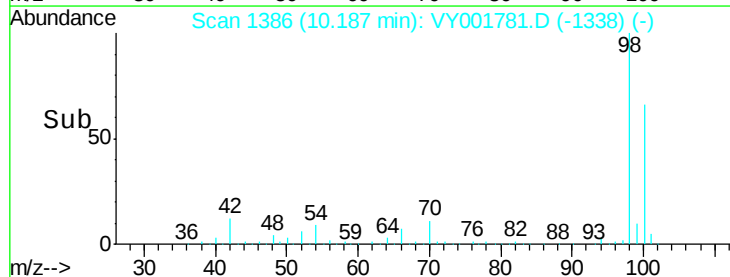
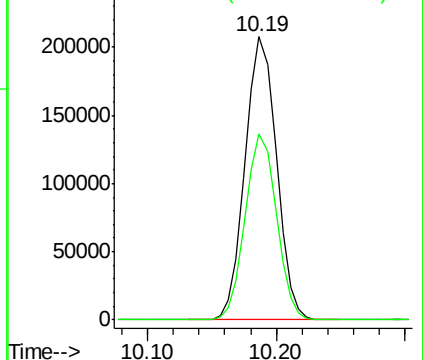


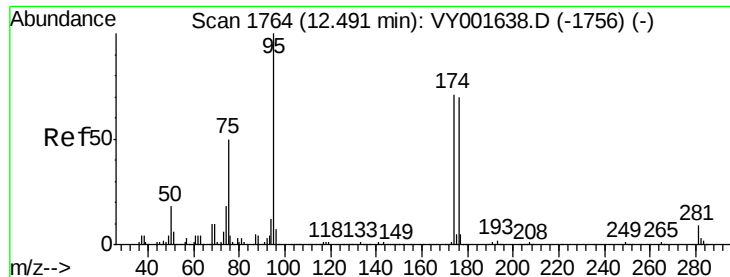
#50
Toluene-d8
Concen: 53.951 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

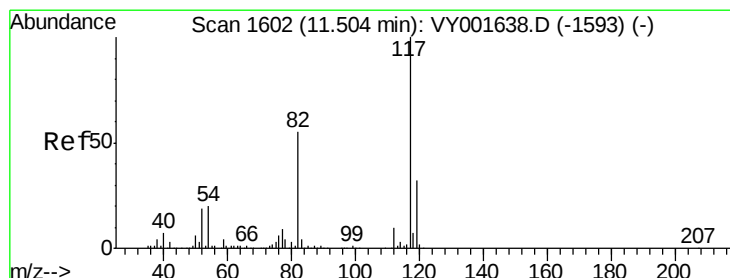
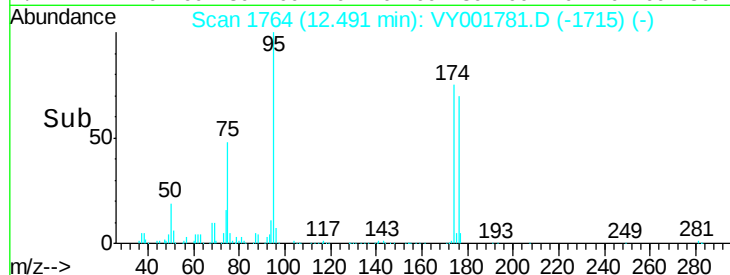
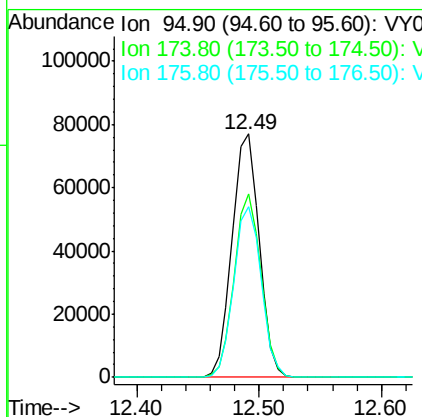
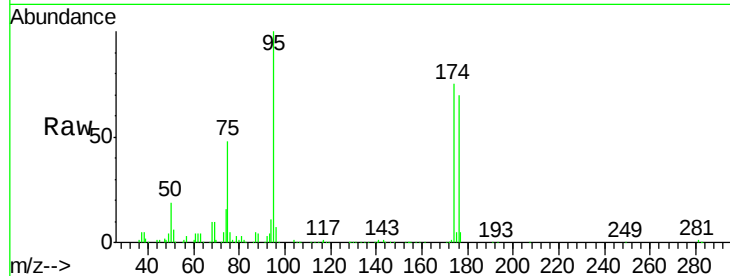




#62
4-Bromofluorobenzene
Concen: 46.777 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

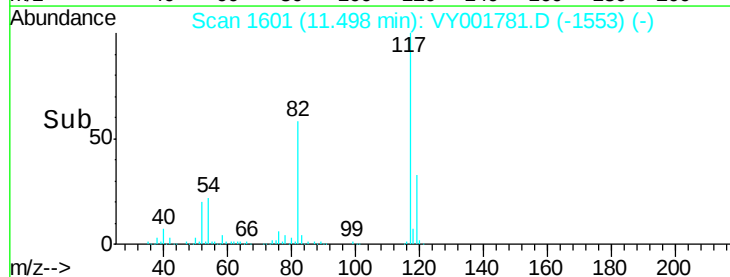
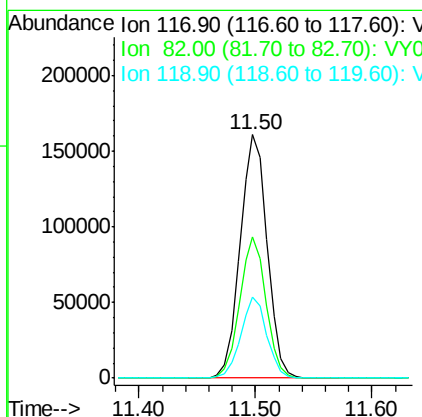
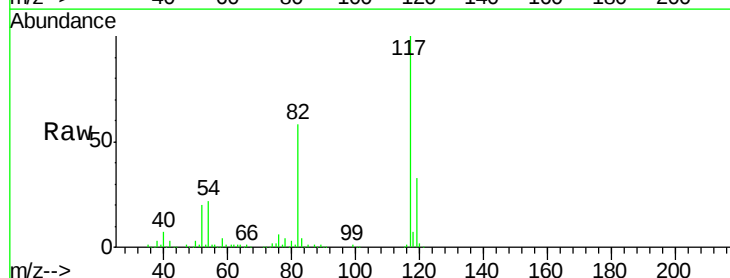
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

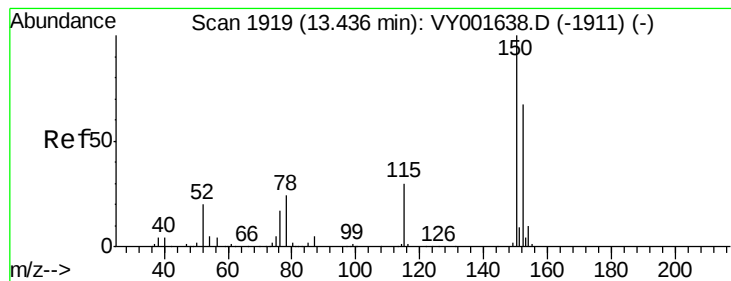
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	138.4
176	70.7	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.5	68.3
119	33.4	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-12-12.5

Tot Ion:152 Resp: 115252

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

150 158.4 0.0 407.2

