

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001780.D
 Acq On : 26 Feb 2020 13:14
 Operator : SY/MD
 Sample : L1679-04
 Misc : 8.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-12.5-13

Quant Time: Feb 26 16:05:23 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

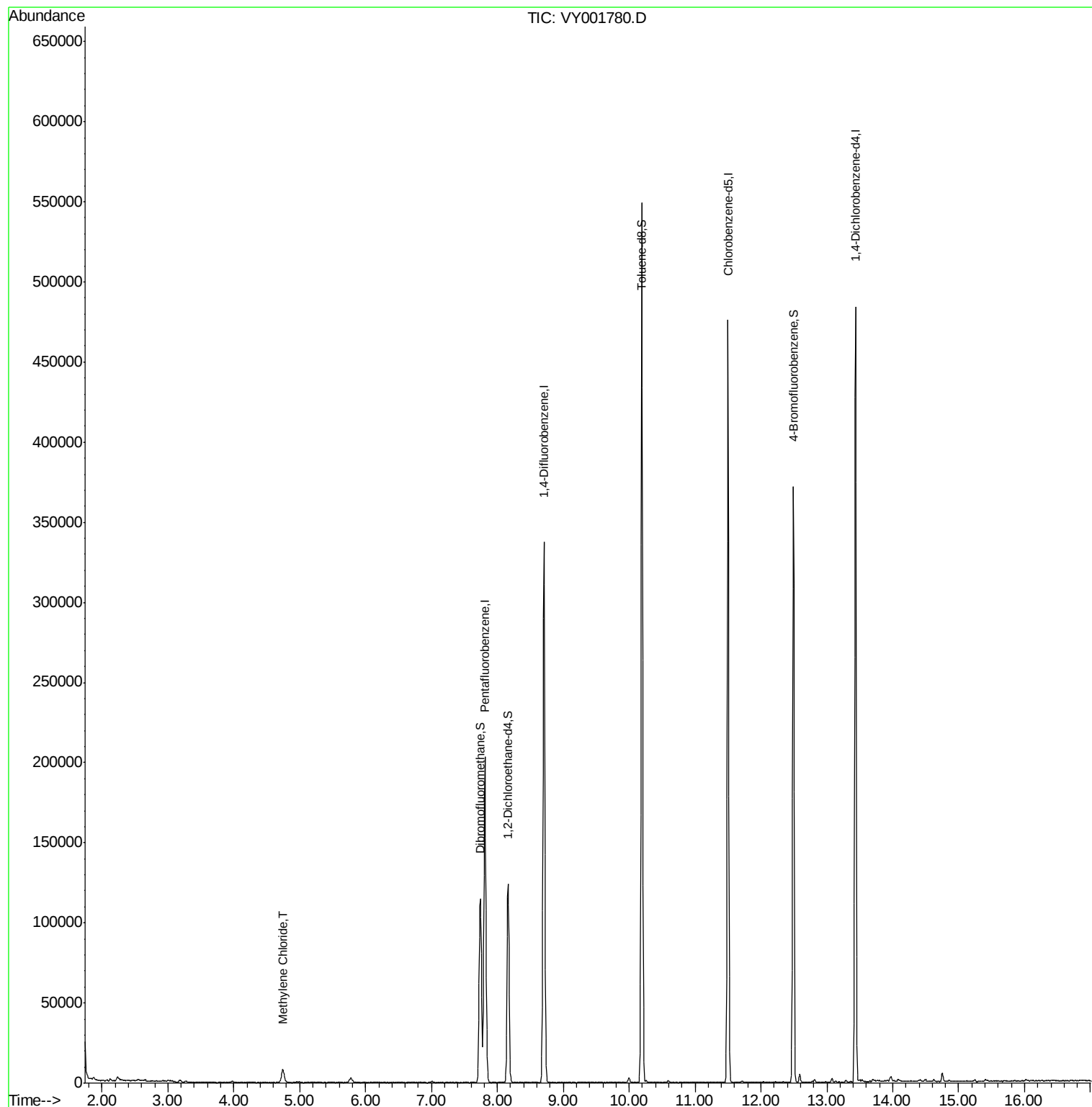
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	262510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92389	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	7.74	113	84247	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.19	98	344348	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.49	95	118684	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
20) Methylene Chloride	4.74	84	6148	3.094	ug/l #	94

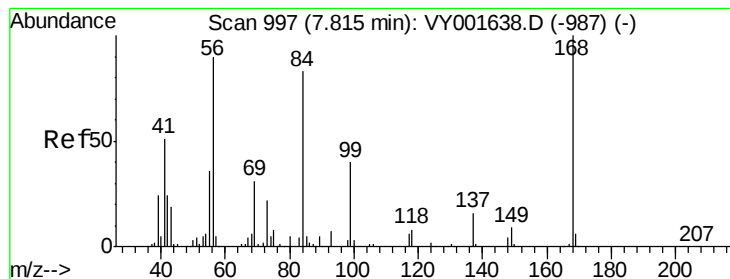
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001780.D

Acq: 26 Feb 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

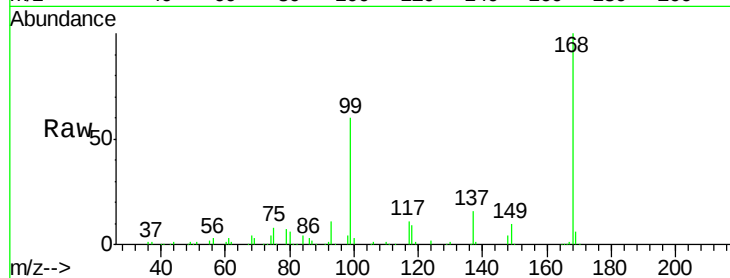
SB-4-12.5-13

Tot Ion:168 Resp: 150328

Ion Ratio Lower Upper

168 100

99 59.7 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) (-)

7.81

60000

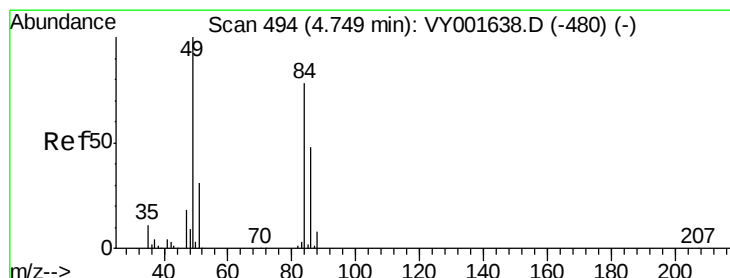
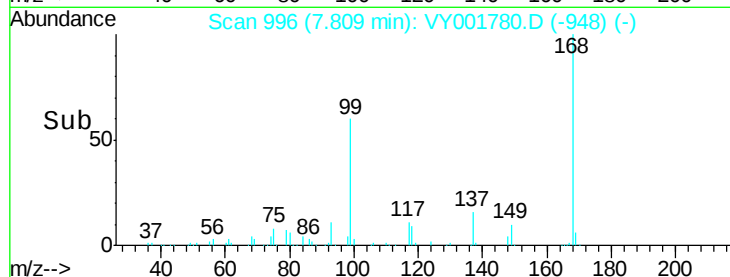
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 3.094 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001780.D

Acq: 26 Feb 2020 13:14

Tgt Ion: 84 Resp: 6148

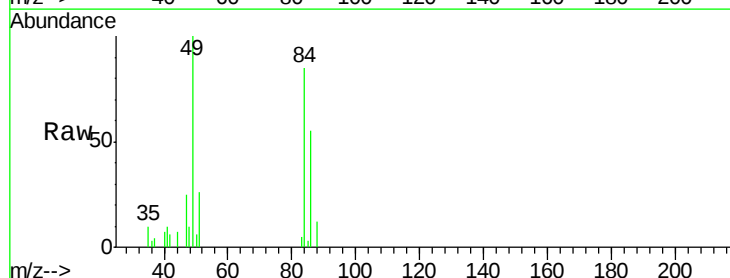
Ion Ratio Lower Upper

84 100

49 118.2 99.2 148.8

51 30.3 31.5 47.3#

86 65.2 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

4.74

3000

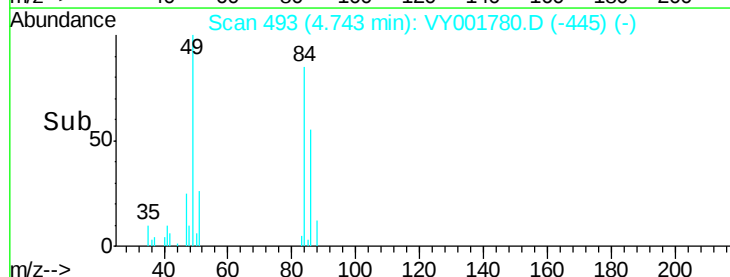
2000

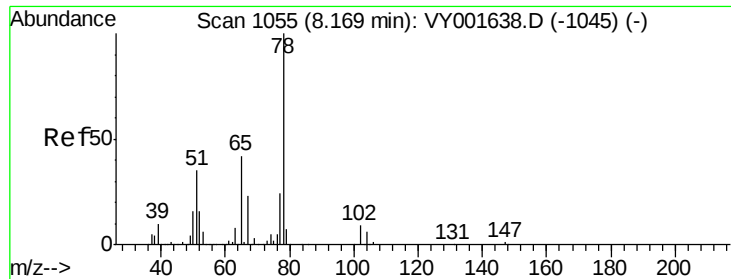
1000

0

4.60 4.70 4.80

Time-->

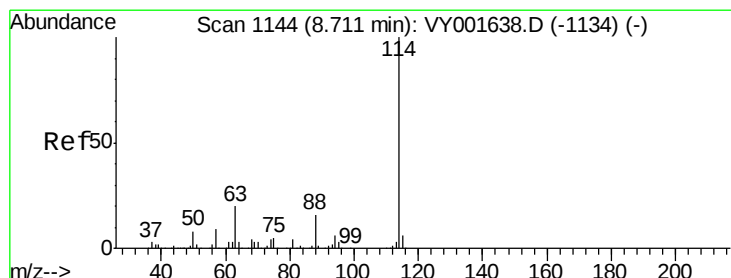
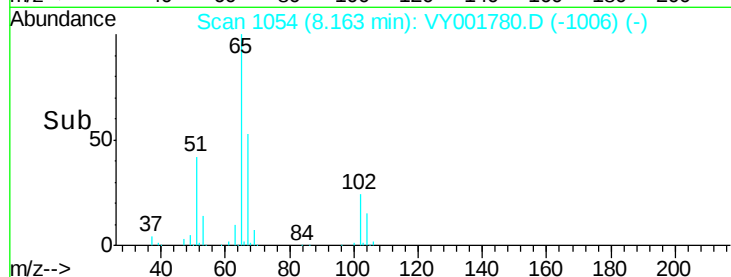
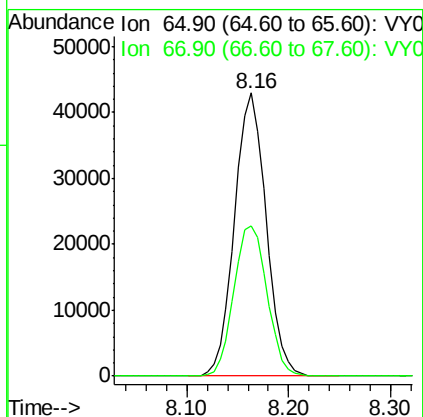
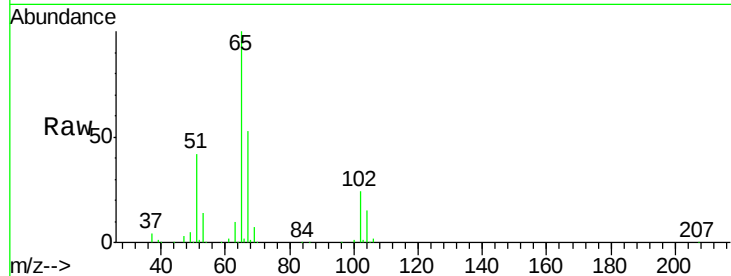




#33
 1,2-Dichloroethane-d4
 Concen: 57.136 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001780.D
 Acq: 26 Feb 2020 13:14

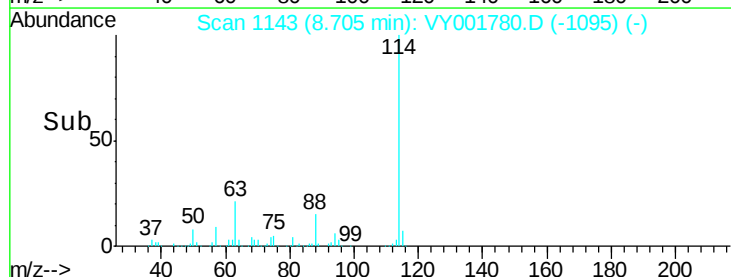
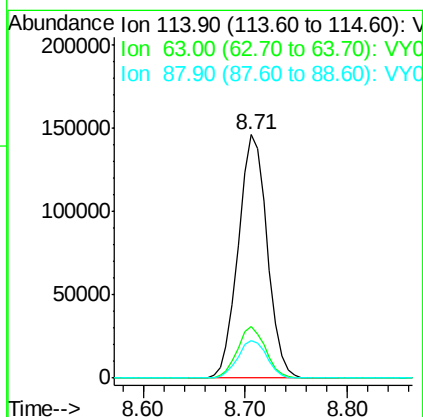
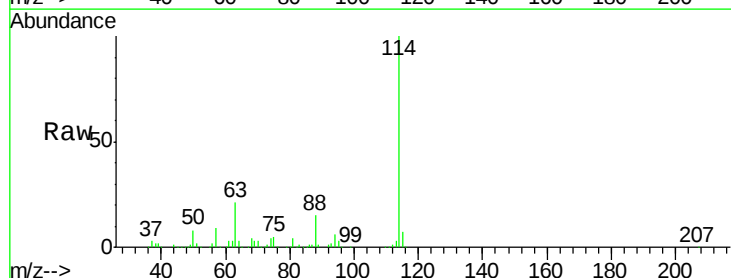
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-12.5-13

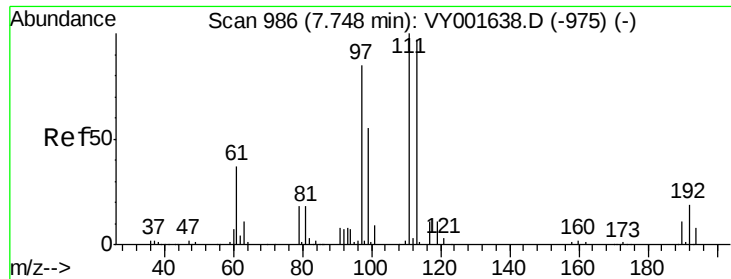
Tot Ion: 65 Resp: 92389
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001780.D
 Acq: 26 Feb 2020 13:14

Tgt Ion: 114 Resp: 285705
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.3 0.0 32.8

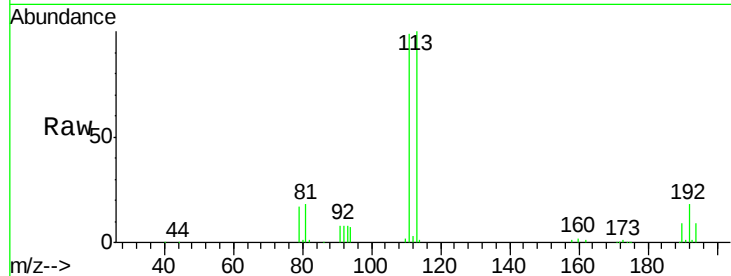




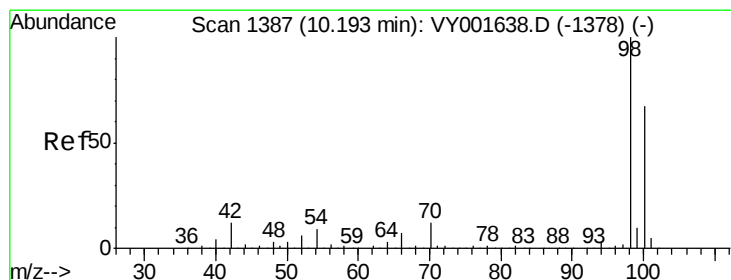
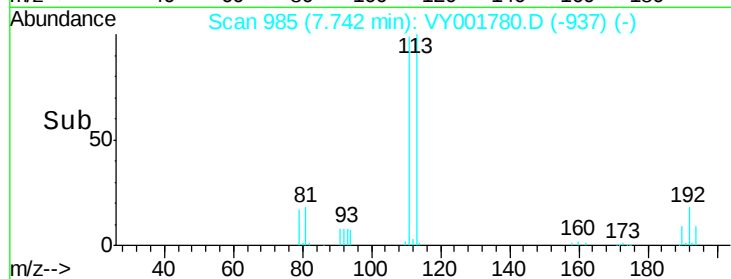
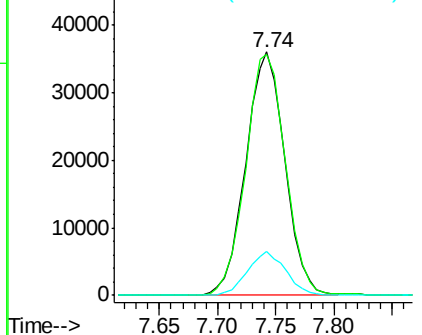
#35
 Dibromofluoromethane
 Concen: 51.483 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001780.D
 Acq: 26 Feb 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-12.5-13

Tot Ion:113 Resp: 84247
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.9 122.9
 192 17.5 14.3 21.5

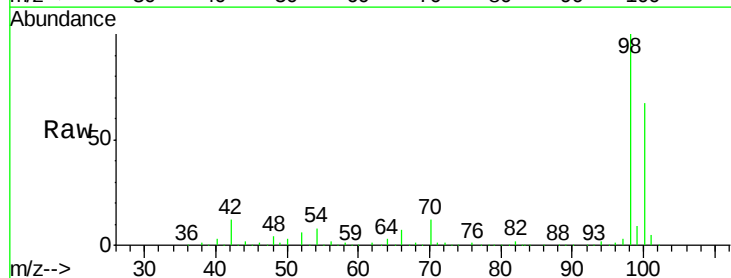


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

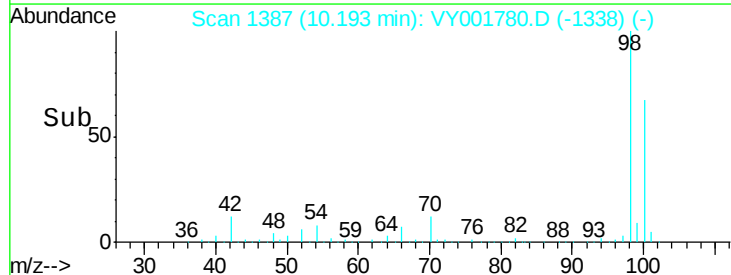
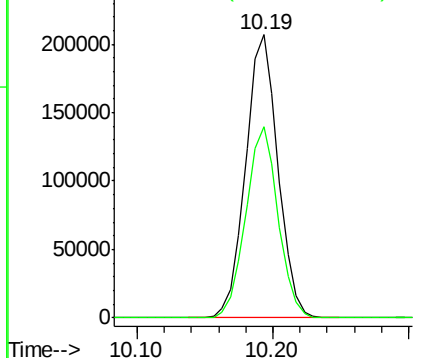


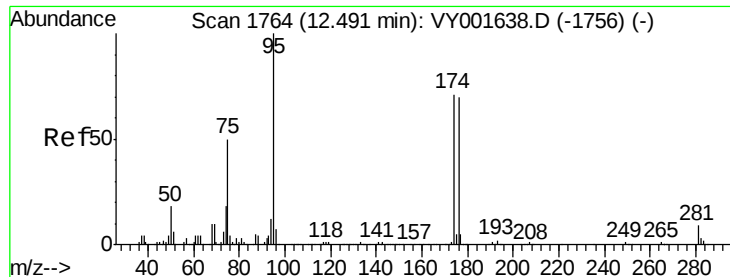
#50
 Toluene-d8
 Concen: 53.713 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001780.D
 Acq: 26 Feb 2020 13:14

Tgt Ion: 98 Resp: 344348
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.0 79.4



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

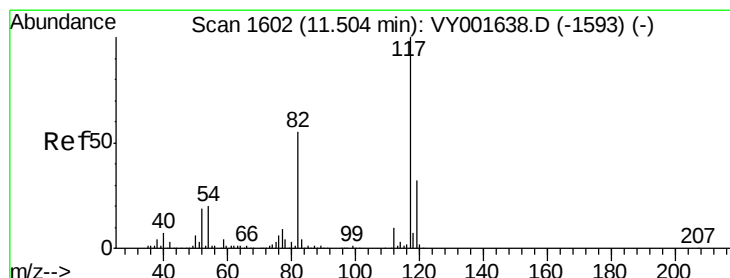
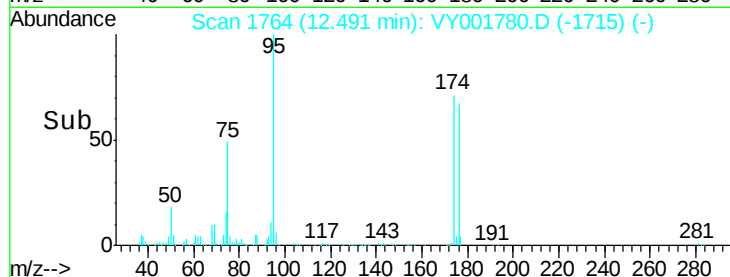
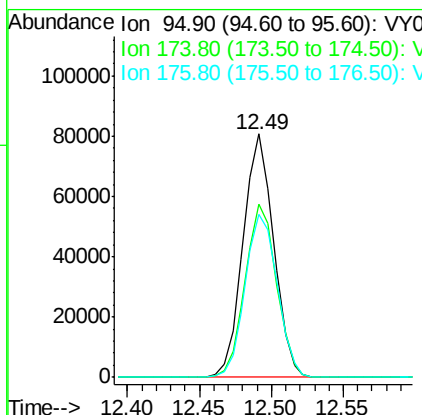
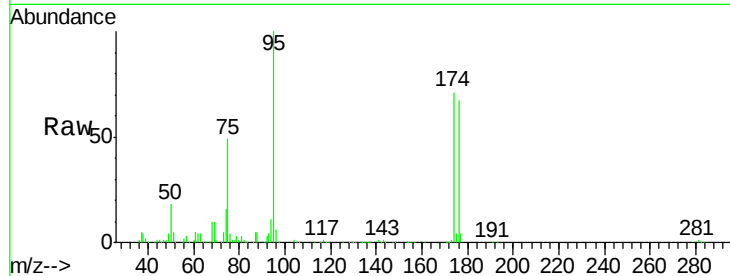




#62
4-Bromofluorobenzene
Concen: 47.653 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001780.D
Acq: 26 Feb 2020 13:14

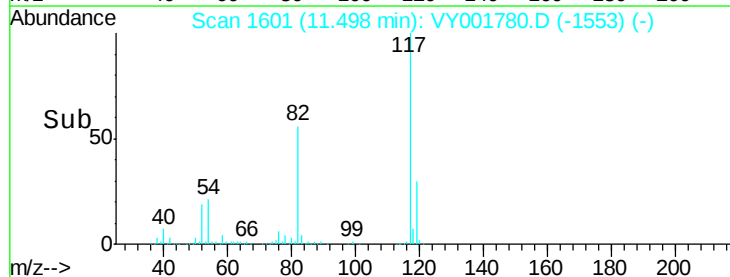
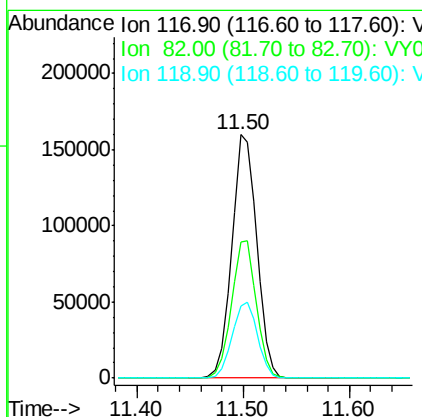
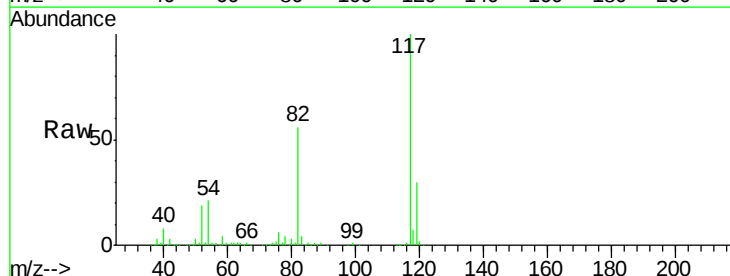
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-12.5-13

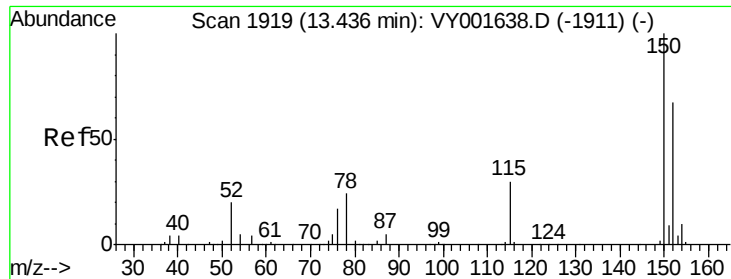
Tot Ion: 95 Resp: 118684
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.4
176 70.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001780.D
Acq: 26 Feb 2020 13:14

Tgt Ion: 117 Resp: 262510
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 29.5 25.8 38.6

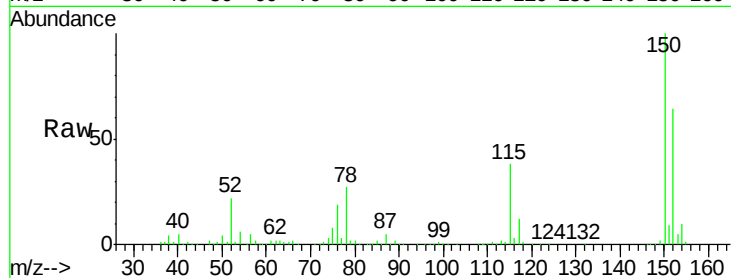




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VY001780.D
 Acq: 26 Feb 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-12.5-13

Tot Ion:152 Resp: 117048
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.4 94.2
 150 155.6 0.0 407.2



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

