

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001799.D
 Acq On : 28 Feb 2020 13:14
 Operator : SY/MD
 Sample : L1723-02RE
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-(1.5-2)RE

Quant Time: Feb 28 22:36:55 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

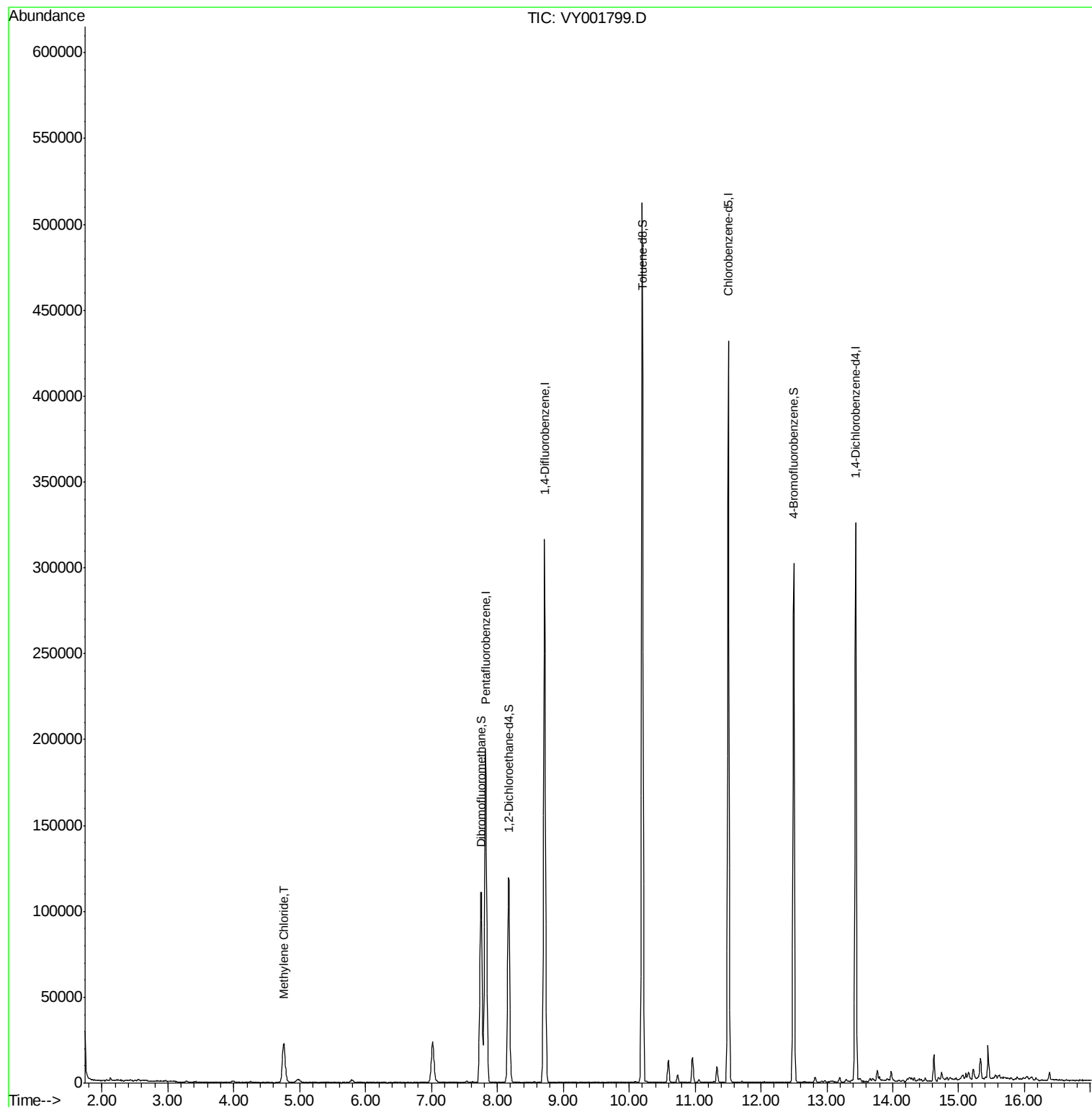
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	144179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	276637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	230167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	78363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	89091	57.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.75	113	81959	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.20	98	330764	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.50	95	91320	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
Target Compounds						
20) Methylene Chloride	4.76	84	17540	9.202	ug/l	Qvalue 97

(#) = 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# 998

Delta R.T. 0.01 min

Lab File: VY001799.D

Acq: 28 Feb 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

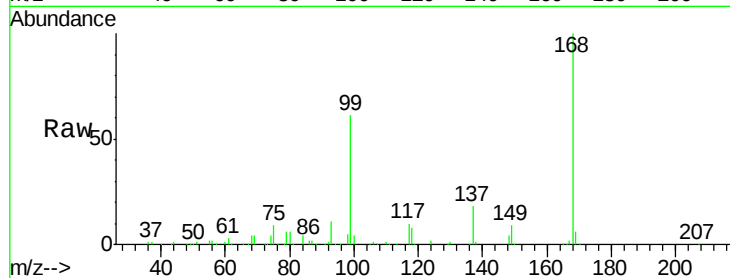
B2-(1.5-2)RE

Tot Ion:168 Resp: 144179

Ion Ratio Lower Upper

168 100

99 61.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001799.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001799.D (-948) (-)

7.82

60000

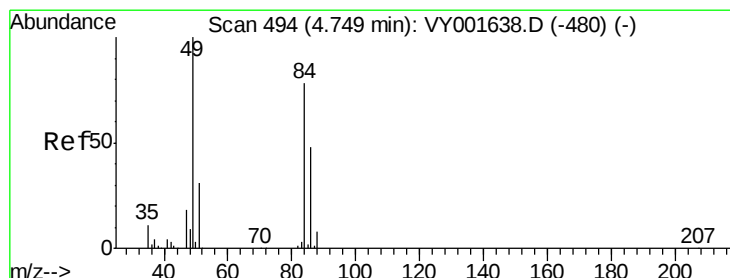
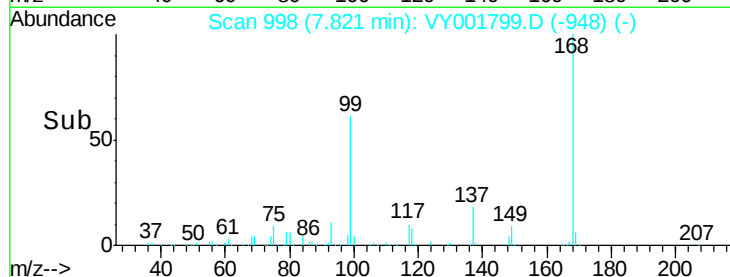
40000

20000

0

Time-->

7.70 7.80 7.90



#20

Methylene Chloride

Concen: 9.202 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001799.D

Acq: 28 Feb 2020 13:14

Tgt Ion: 84 Resp: 17540

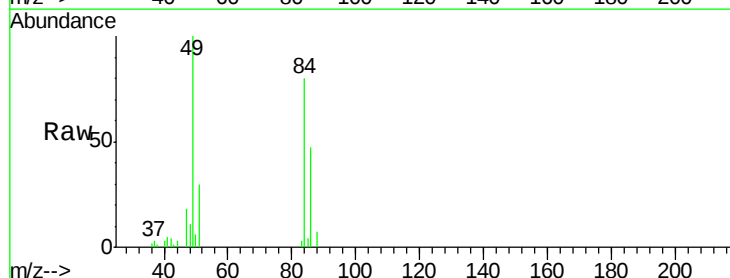
Ion Ratio Lower Upper

84 100

49 124.7 99.2 148.8

51 36.9 31.5 47.3

86 58.1 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001799.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001799.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001799.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001799.D (-445) (-)

10000

8000

6000

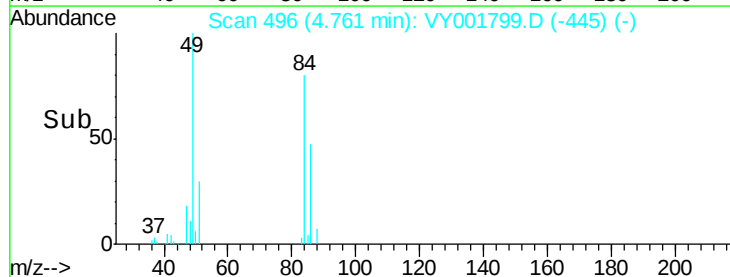
4000

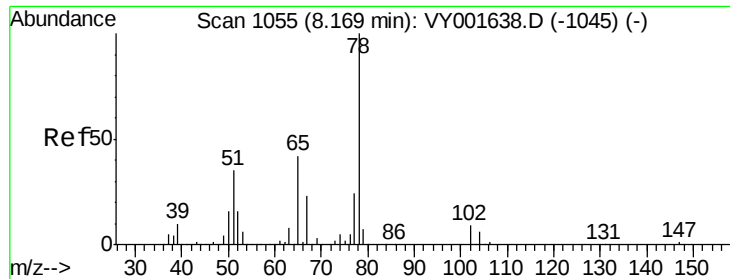
2000

0

Time-->

4.70 4.80 4.90

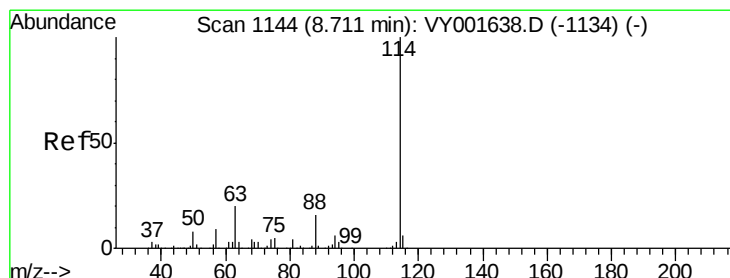
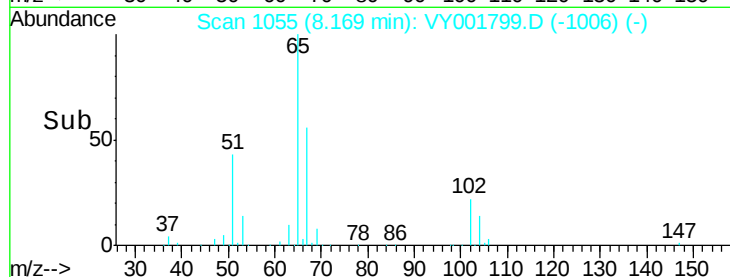
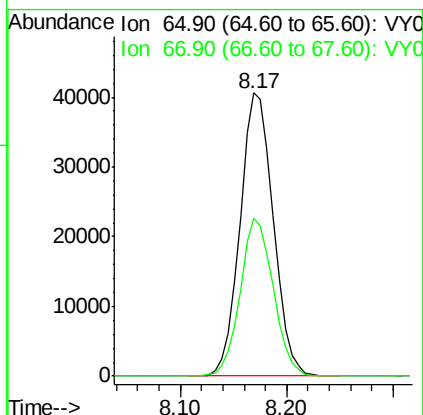
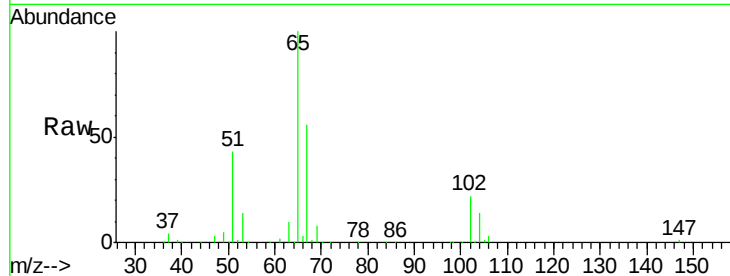




#33
 1,2-Dichloroethane-d4
 Concen: 57.446 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001799.D
 Acq: 28 Feb 2020 13:14

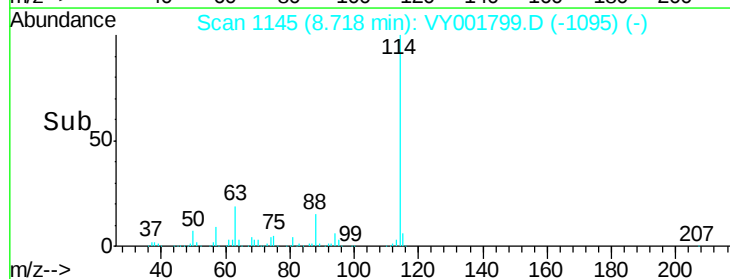
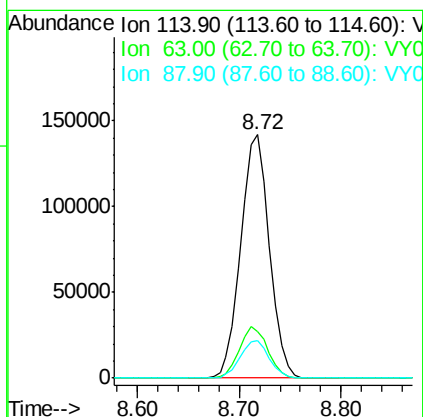
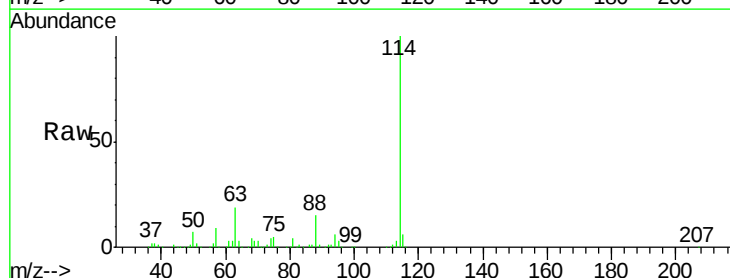
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-(1.5-2)RE

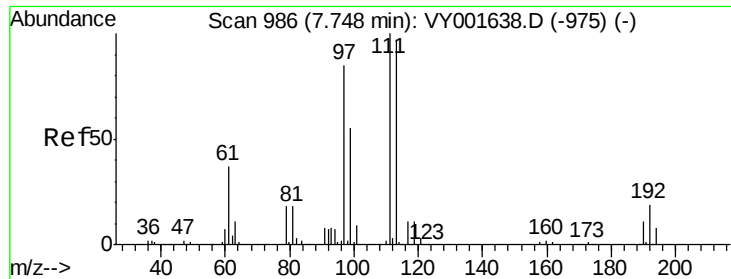
Tot Ion: 65 Resp: 89091
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001799.D
 Acq: 28 Feb 2020 13:14

Tgt Ion: 114 Resp: 276637
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.2 0.0 32.8

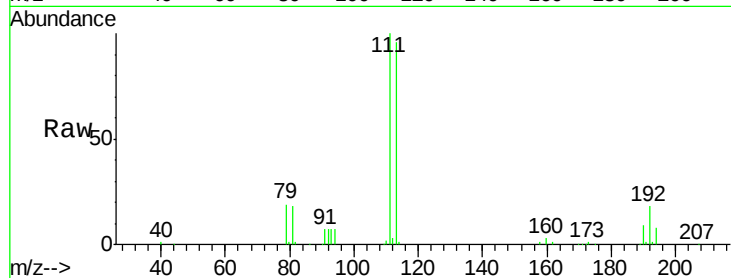




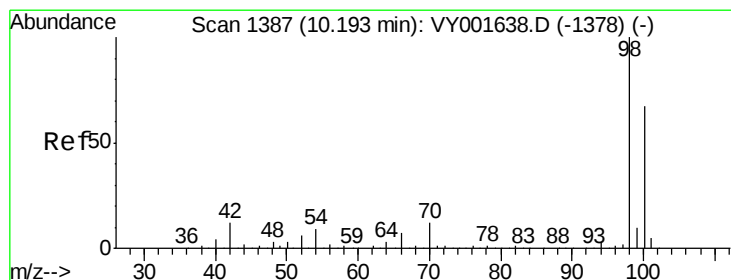
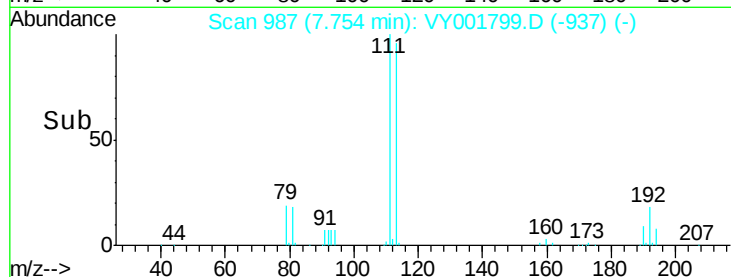
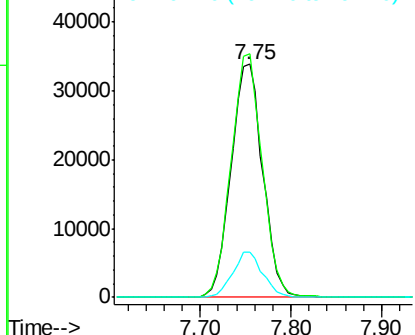
#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001799.D
Acq: 28 Feb 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
B2-(1.5-2)RE

Tot Ion:113 Resp: 81959
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.4 14.3 21.5

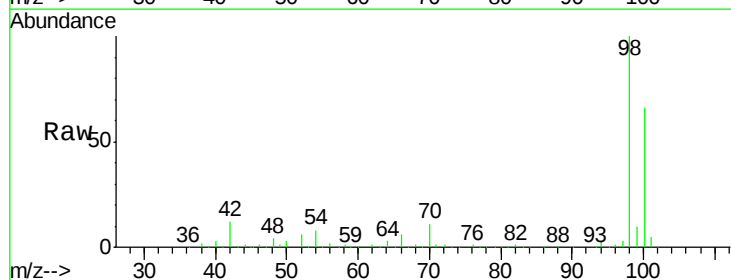


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

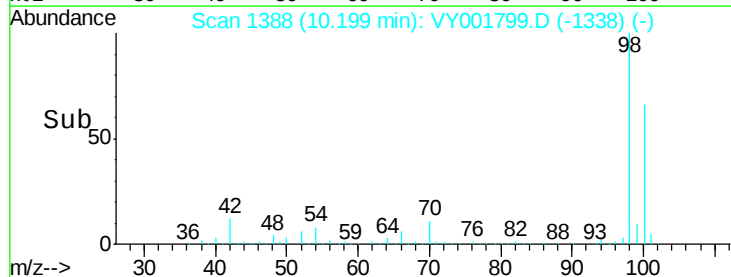
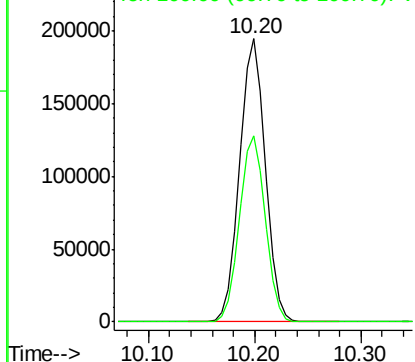


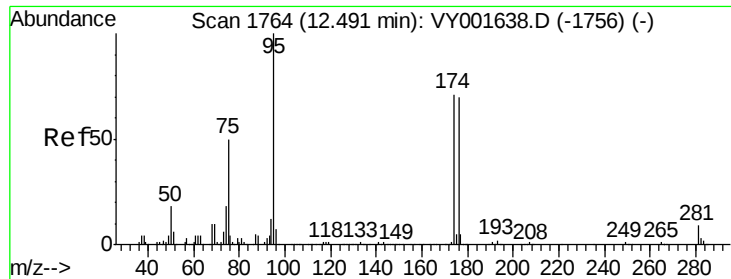
#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001799.D
Acq: 28 Feb 2020 13:14

Tgt Ion: 98 Resp: 330764
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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

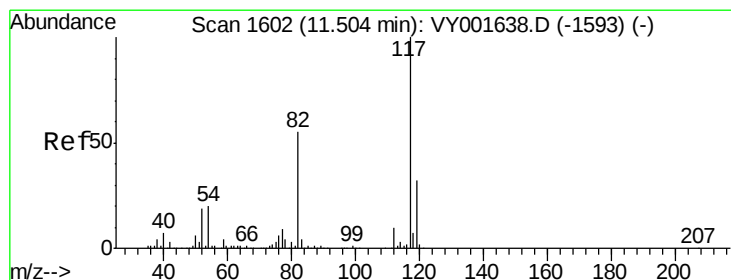
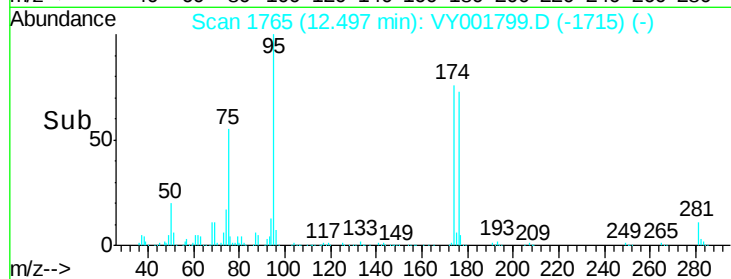
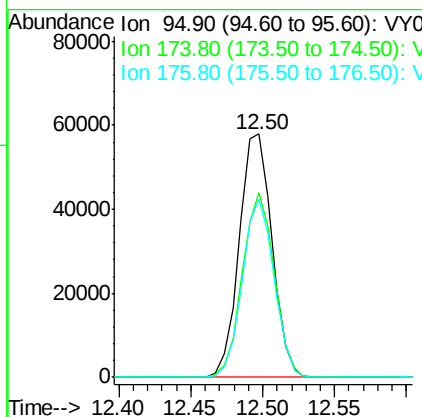
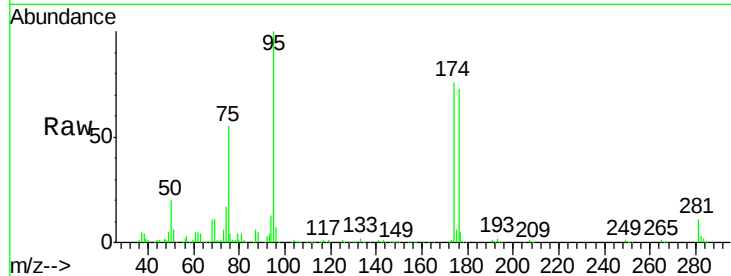




#62
4-Bromofluorobenzene
Concen: 37.868 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001799.D
Acq: 28 Feb 2020 13:14

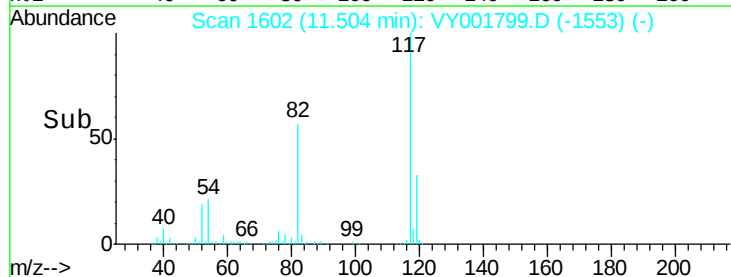
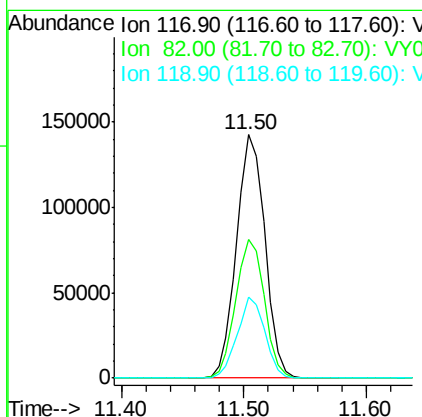
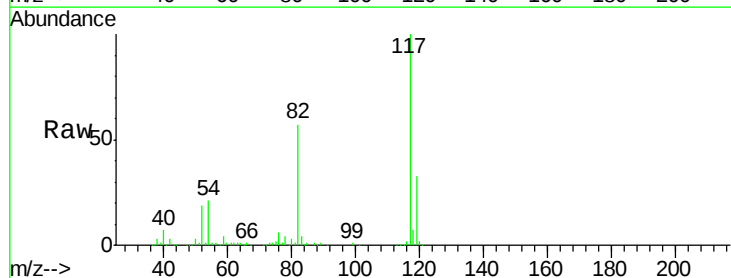
Instrument :
MSVOA_Y
ClientSampleId :
B2-(1.5-2)RE

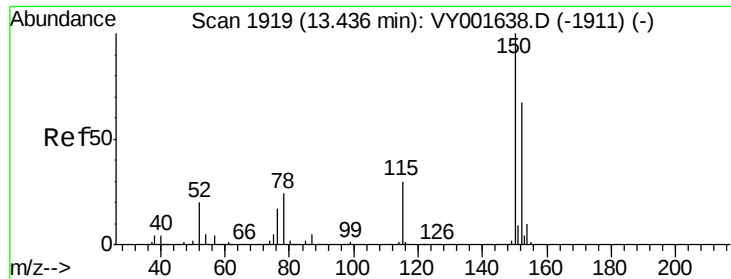
Tot Ion	95	Resp	91320
Ion Ratio	Lower	Upper	
95	100		
174	73.5	0.0	138.4
176	70.2	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001799.D
Acq: 28 Feb 2020 13:14

Tgt Ion	117	Resp	230167
Ion Ratio	Lower	Upper	
117	100		
82	56.8	45.5	68.3
119	33.1	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: VY001799.D

Acq: 28 Feb 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

B2-(1.5-2)RE

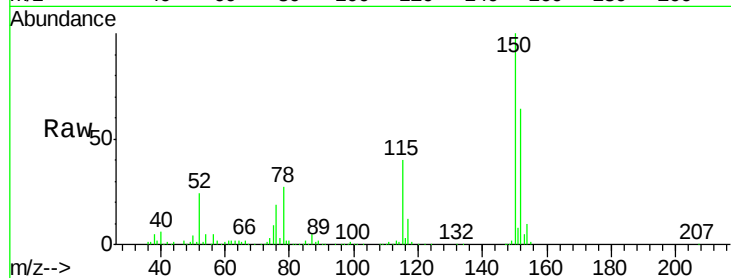
Tot Ion:152 Resp: 78363

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

150 159.9 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

