

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001798.D
 Acq On : 28 Feb 2020 12:52
 Operator : SY/MD
 Sample : L1723-01RE
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)RE

Quant Time: Feb 28 14:09:11 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

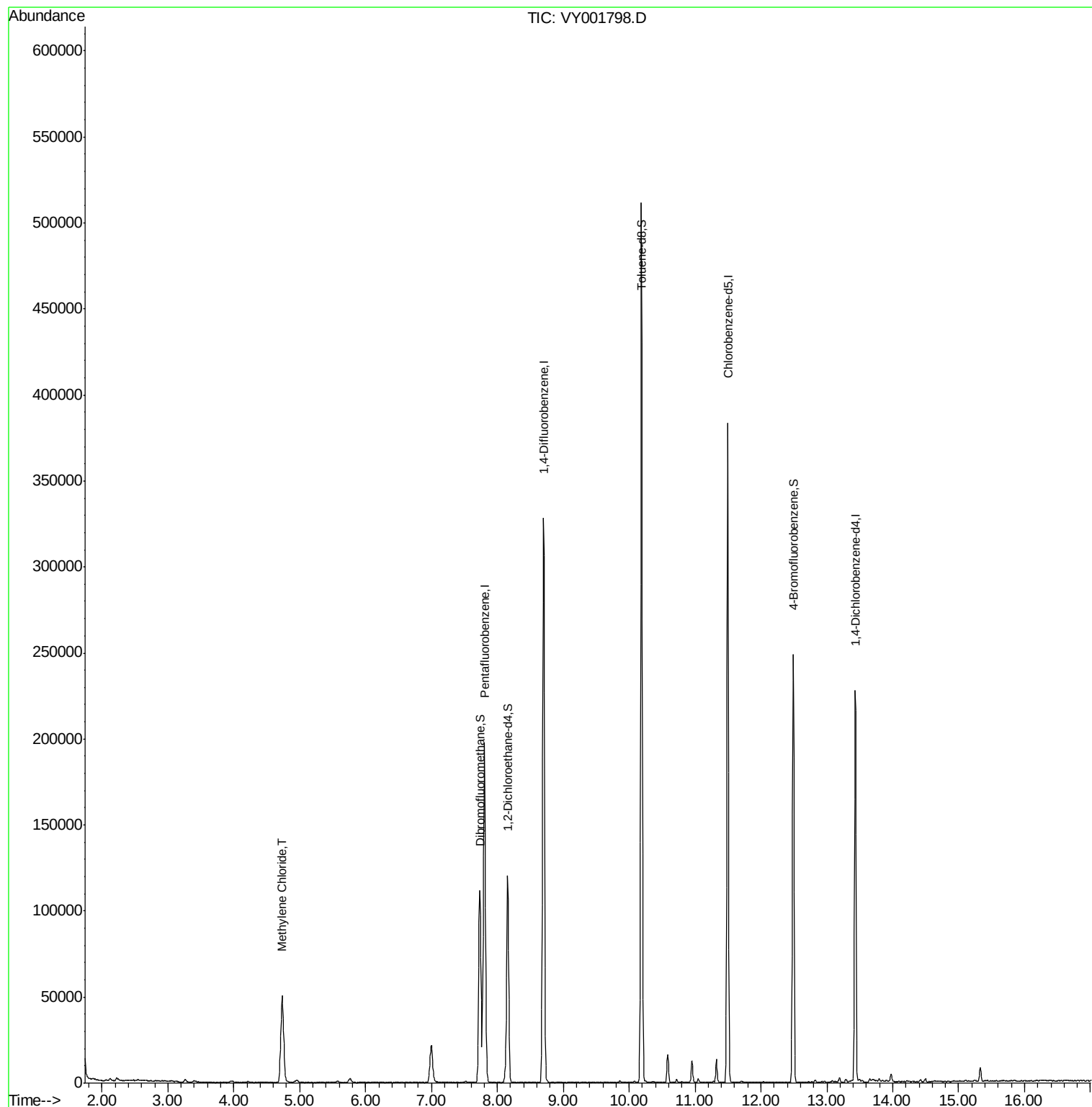
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145854	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	275733	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	209633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	55438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86781	55.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	7.74	113	82330	52.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.19	98	326724	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.49	95	76022	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	
Target Compounds						
20) Methylene Chloride	4.74	84	37730	19.567	ug/l	Qvalue 93

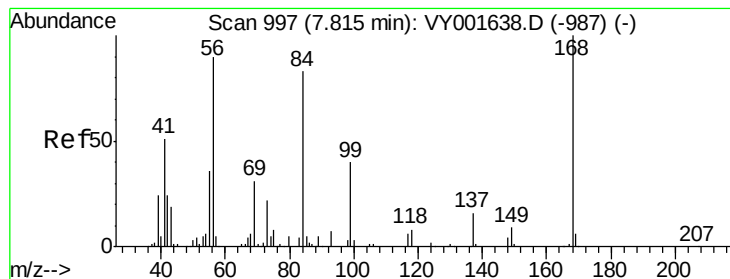
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001798.D

Acq: 28 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

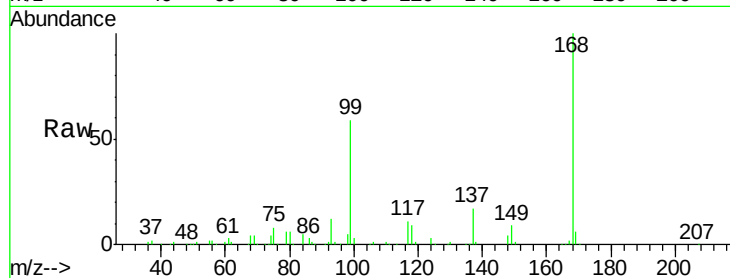
B3-(1.5-2)RE

Tot Ion:168 Resp: 145854

Ion Ratio Lower Upper

168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001798.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001798.D (-948) (-)

7.80

60000

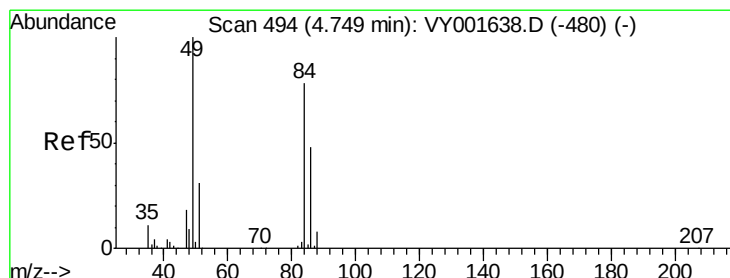
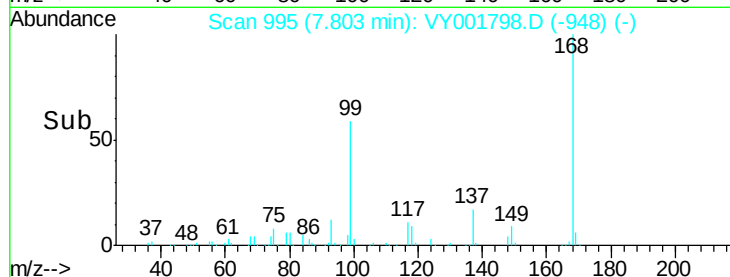
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 19.567 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001798.D

Acq: 28 Feb 2020 12:52

Tgt Ion: 84 Resp: 37730

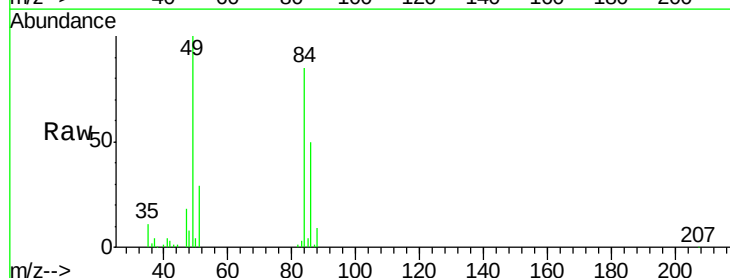
Ion Ratio Lower Upper

84 100

49 117.3 99.2 148.8

51 34.3 31.5 47.3

86 58.6 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001798.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001798.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001798.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001798.D (-445) (-)

4.74

20000

15000

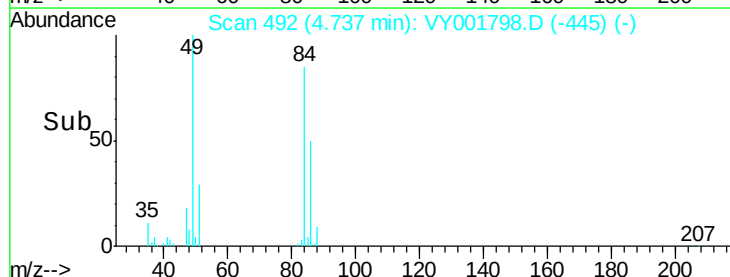
10000

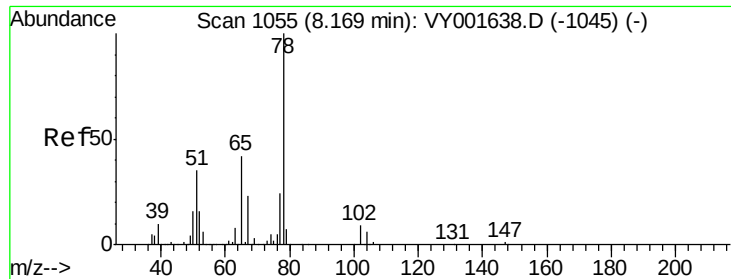
5000

0

4.60 4.70 4.80

Time-->

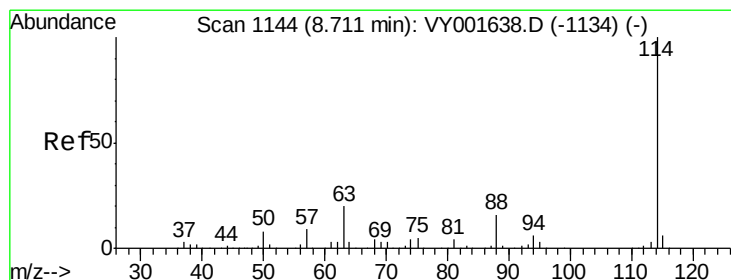
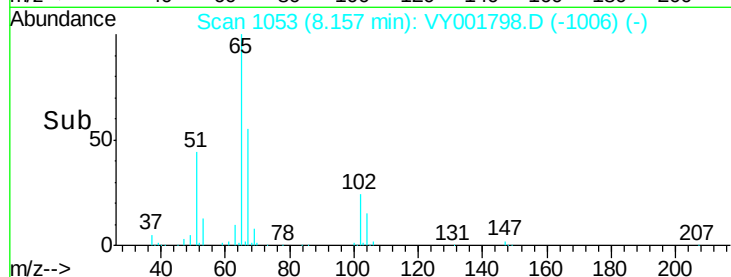
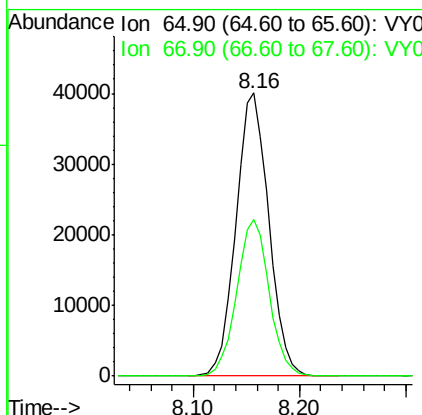
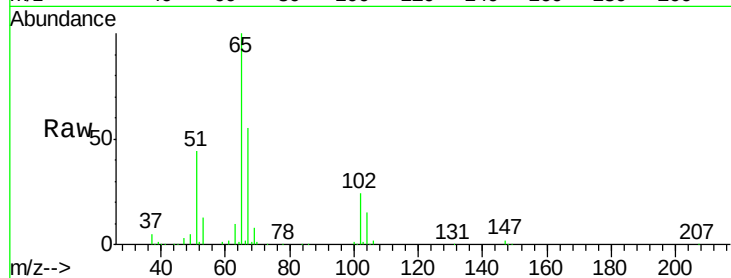




#33
 1,2-Dichloroethane-d4
 Concen: 55.314 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001798.D
 Acq: 28 Feb 2020 12:52

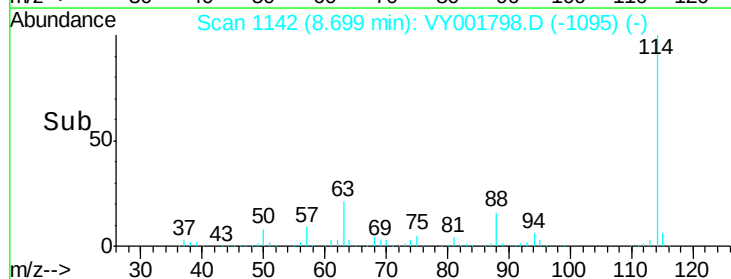
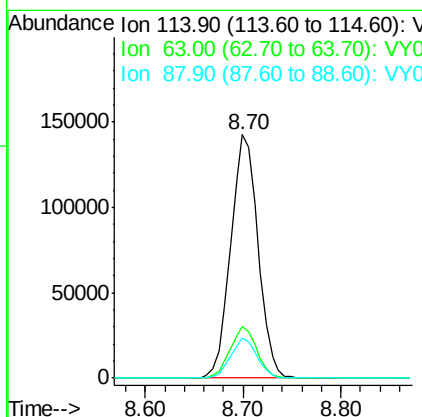
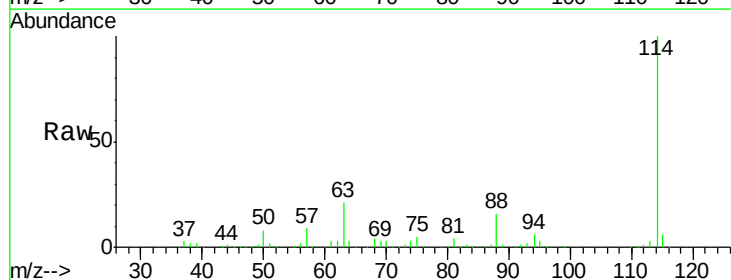
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)RE

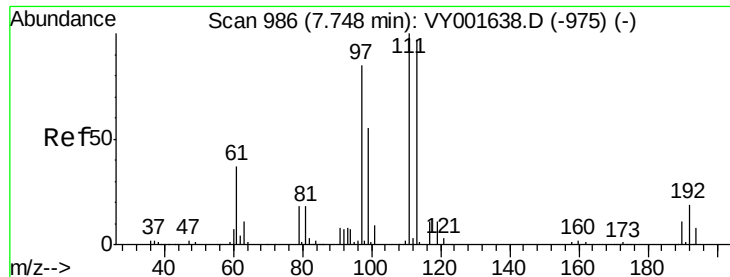
Tot Ion: 65 Resp: 86781
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001798.D
 Acq: 28 Feb 2020 12:52

Tgt Ion: 114 Resp: 275733
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.3 0.0 32.8

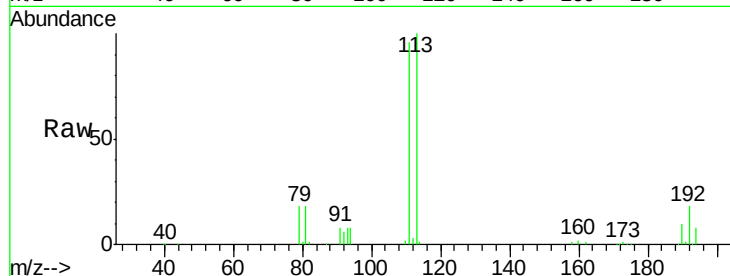




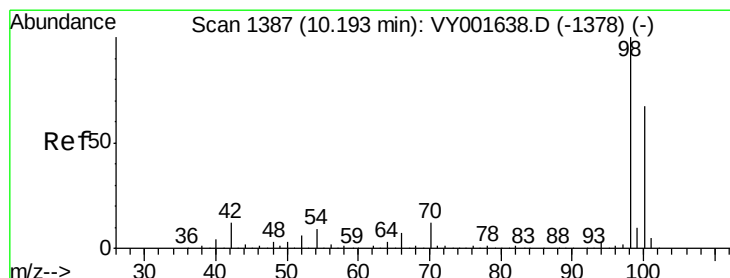
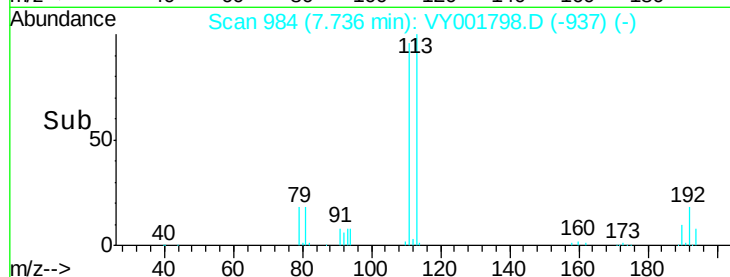
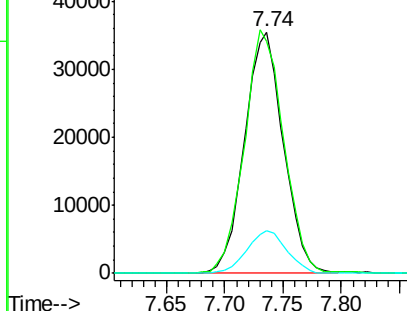
#35
 Dibromofluoromethane
 Concen: 52.131 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001798.D
 Acq: 28 Feb 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)RE

Tot Ion:113 Resp: 82330
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 18.0 14.3 21.5

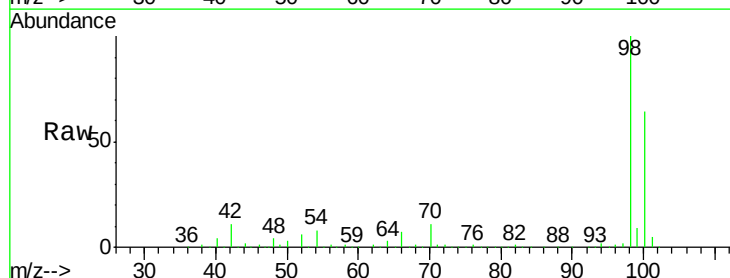


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

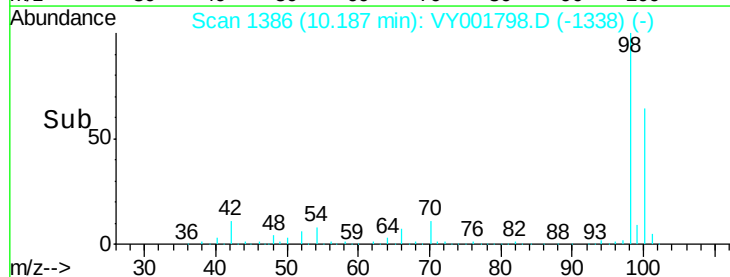
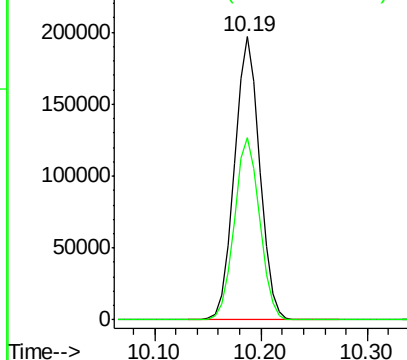


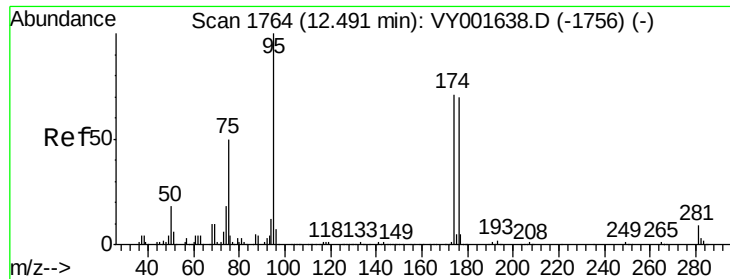
#50
 Toluene-d8
 Concen: 52.807 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001798.D
 Acq: 28 Feb 2020 12:52

Tgt Ion: 98 Resp: 326724
 Ion Ratio Lower Upper
 98 100
 100 64.6 53.0 79.4



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

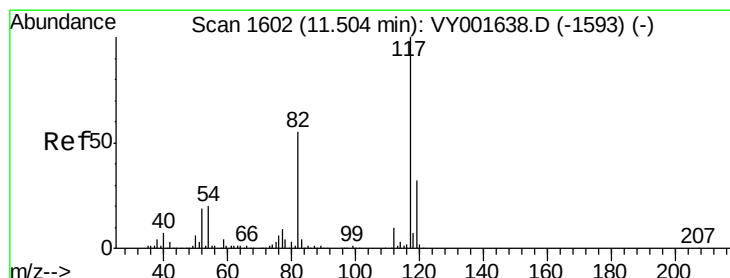
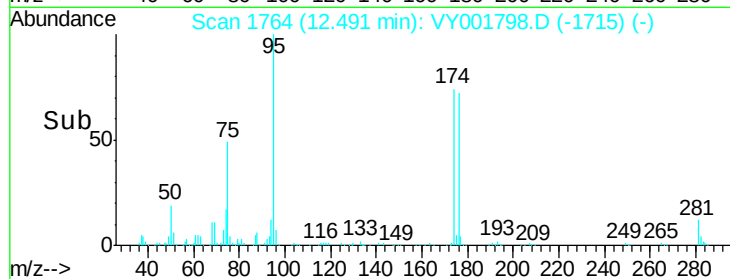
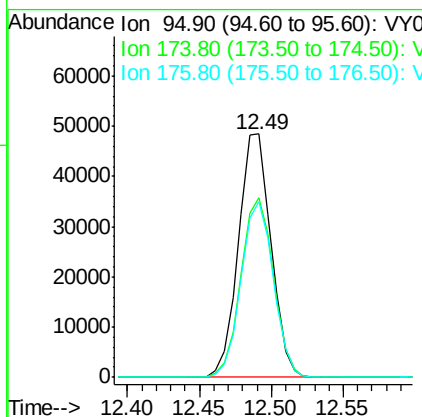
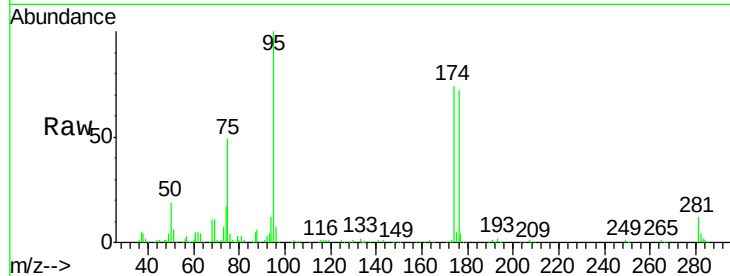




#62
4-Bromofluorobenzene
Concen: 31.628 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001798.D
Acq: 28 Feb 2020 12:52

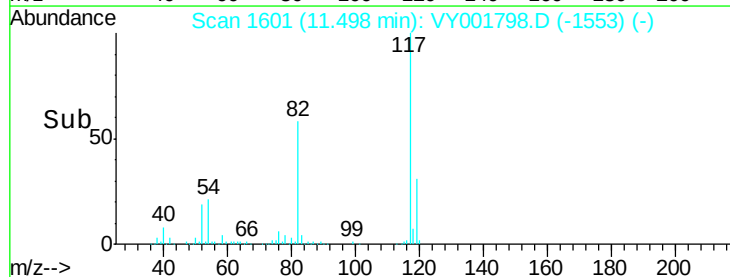
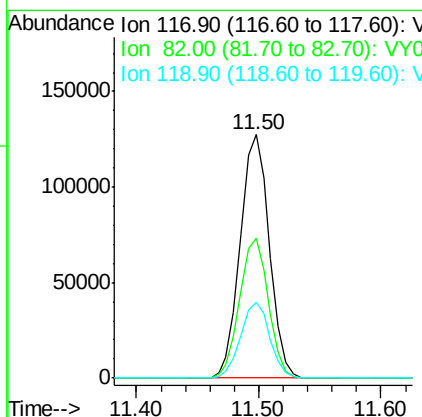
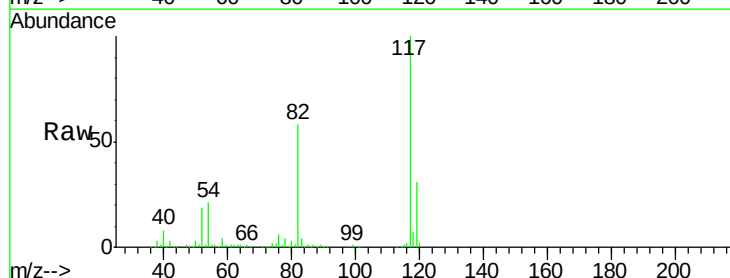
Instrument :
MSVOA_Y
ClientSampleId :
B3-(1.5-2)RE

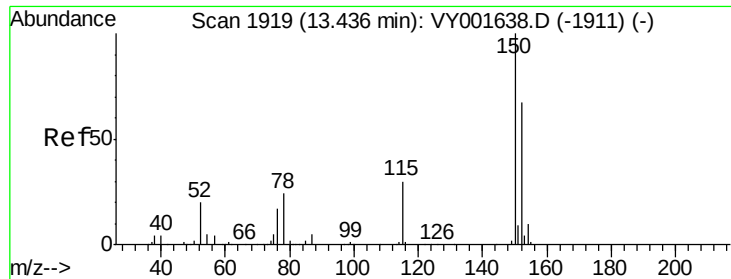
Tot Ion	95	Resp	76022
Ion Ratio	Lower	Upper	
95	100		
174	73.6	0.0	138.4
176	71.3	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001798.D
Acq: 28 Feb 2020 12:52

Tgt Ion	117	Resp	209633
Ion Ratio	Lower	Upper	
117	100		
82	57.6	45.5	68.3
119	31.0	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: VY001798.D

Acq: 28 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

B3-(1.5-2)RE

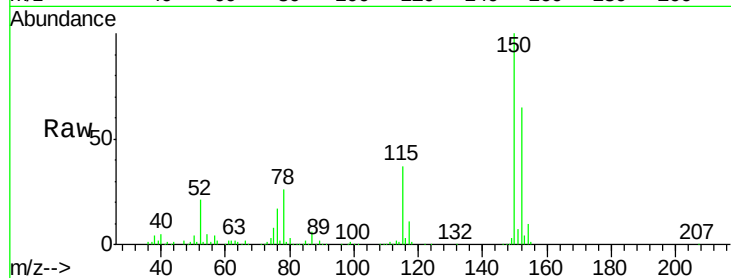
Tot Ion:152 Resp: 55438

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

150 160.0 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

