

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000837.D
 Acq On : 03 Dec 2019 12:43
 Operator : SY/MD
 Sample : K6069-01
 Misc : 7.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Dec 03 13:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

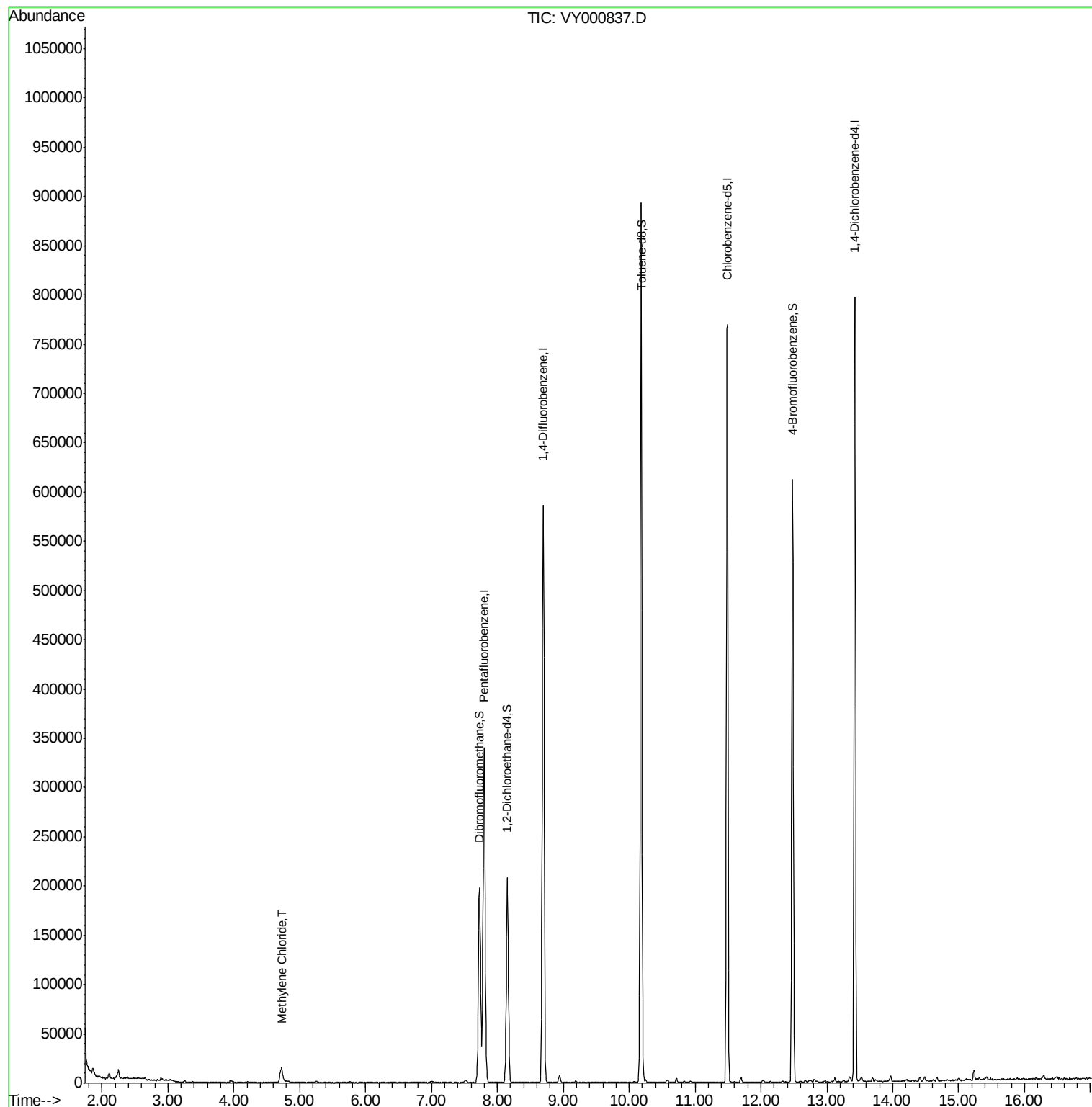
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	255870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	494735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	424914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156012	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
35) Dibromofluoromethane	7.73	113	140969	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.18	98	575662	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	191862	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
20) Methylene Chloride	4.72	84	11020	3.352	ug/l	Qvalue 97

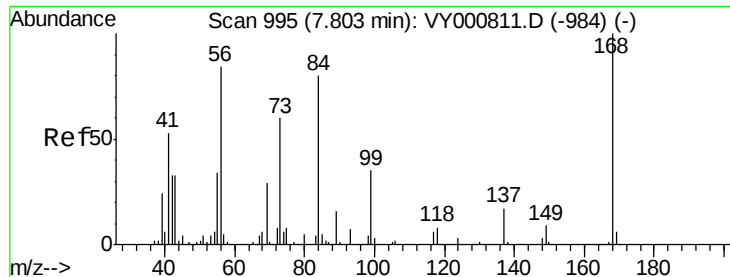
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000837.D

Acq: 03 Dec 2019 12:43

Instrument :

MSVOA_Y

ClientSampleId :

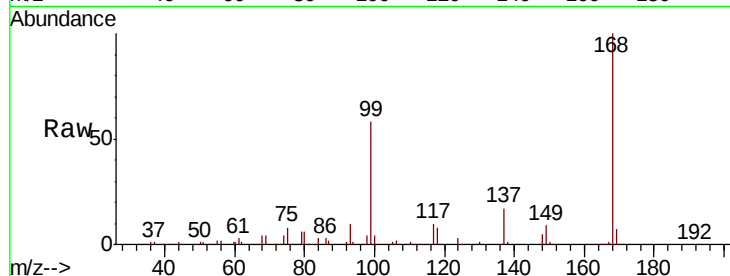
SB-3

Tot Ion:168 Resp: 255870

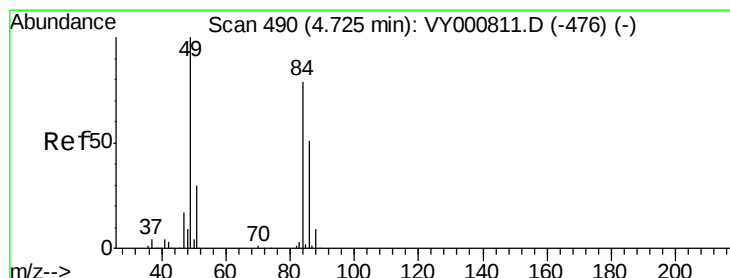
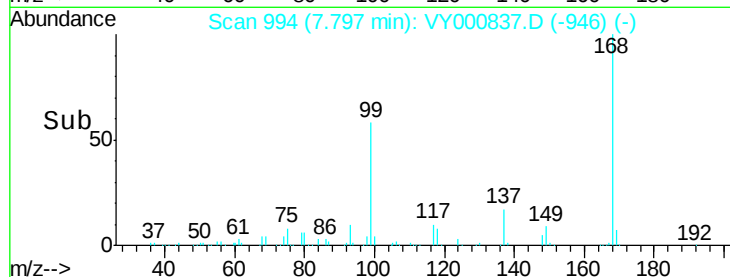
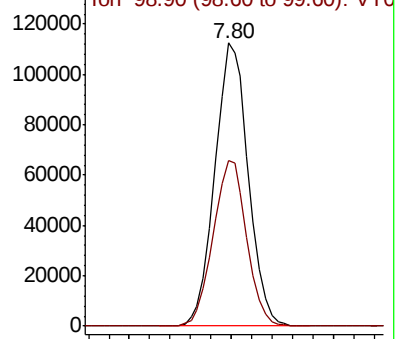
Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)



#20

Methylene Chloride

Concen: 3.352 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000837.D

Acq: 03 Dec 2019 12:43

Tgt Ion: 84 Resp: 11020

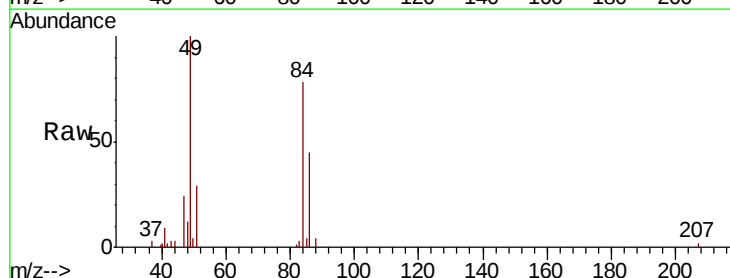
Ion Ratio Lower Upper

84 100

49 127.6 101.3 151.9

51 37.0 30.6 45.8

86 57.9 51.3 76.9

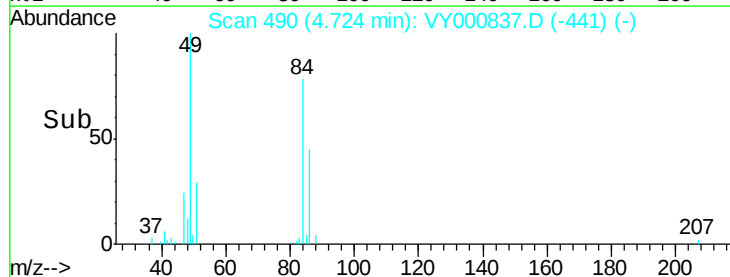
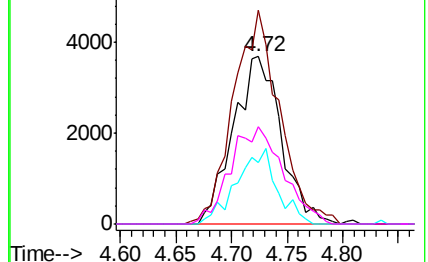


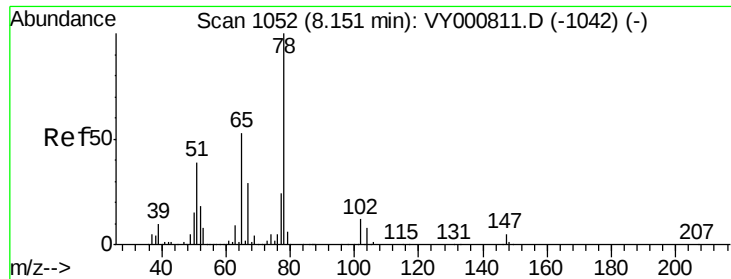
Abundance Ion 83.90 (83.60 to 84.60): VY000811.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY000811.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY000811.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY000811.D (-476) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.382 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000837.D

Acq: 03 Dec 2019 12:43

Instrument :

MSVOA_Y

ClientSampled :

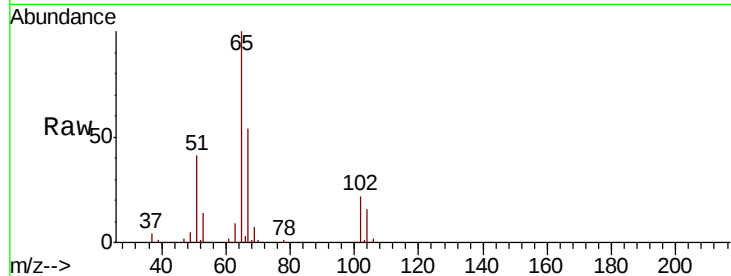
SB-3

Tot Ion: 65 Resp: 156012

Ion Ratio Lower Upper

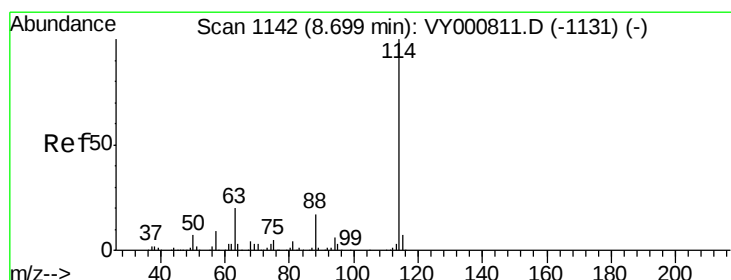
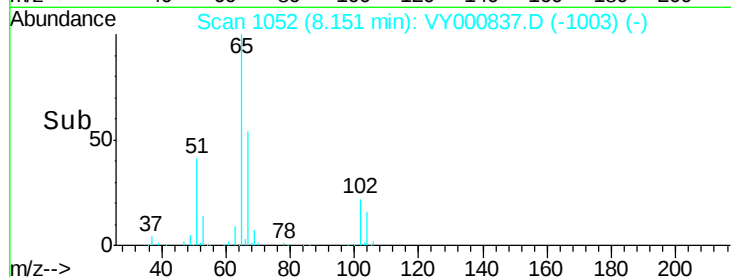
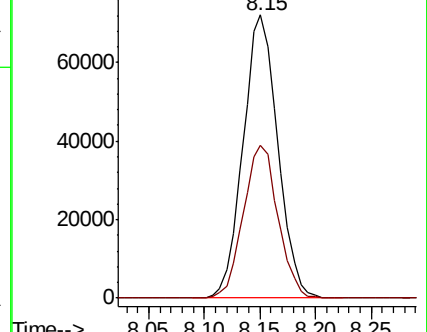
65 100

67 54.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000837.D

Acq: 03 Dec 2019 12:43

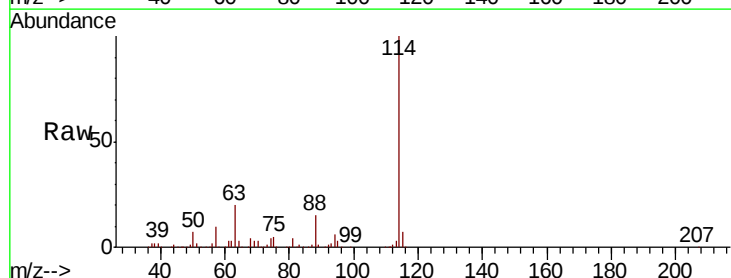
Tgt Ion: 114 Resp: 494735

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

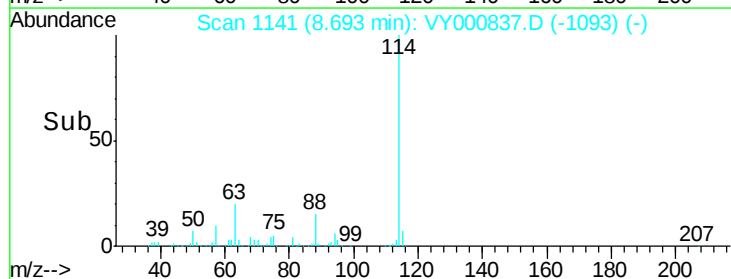
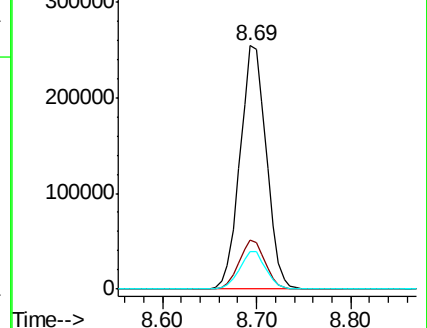
88 15.5 0.0 33.2

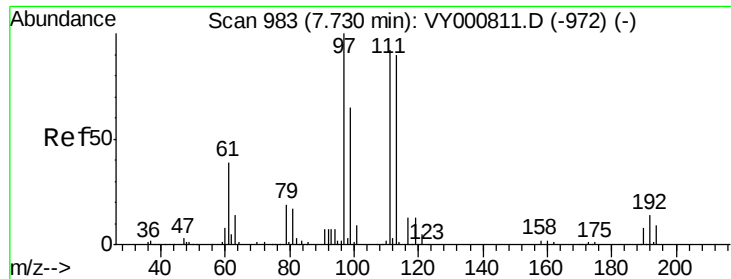


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

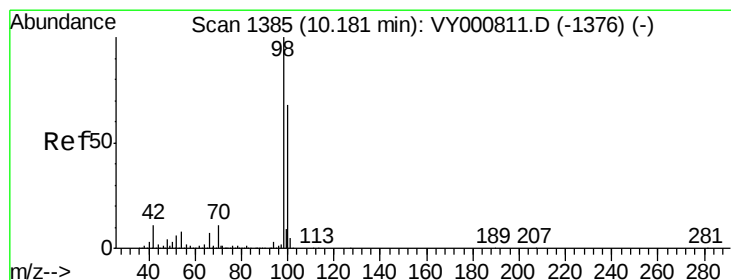
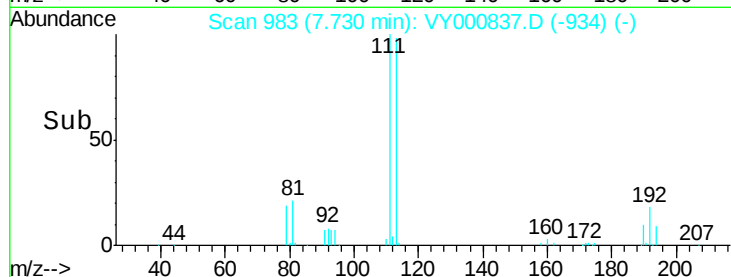
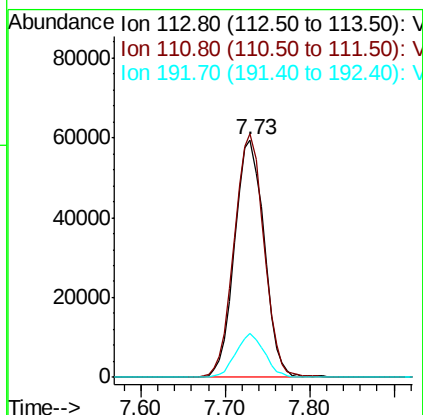
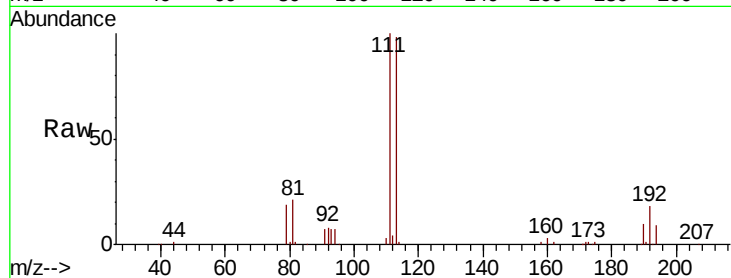




#35
Dibromofluoromethane
Concen: 48.891 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000837.D
Acq: 03 Dec 2019 12:43

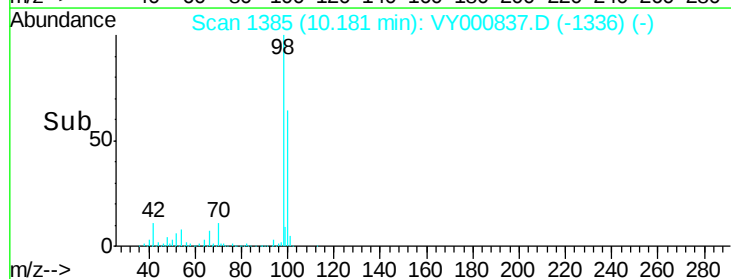
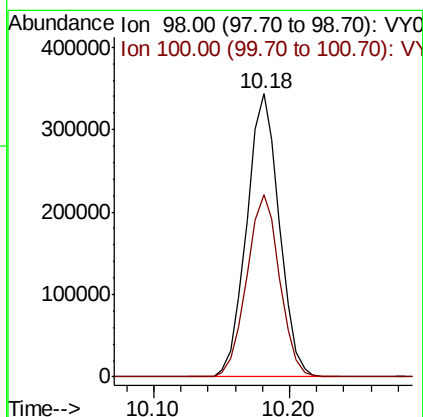
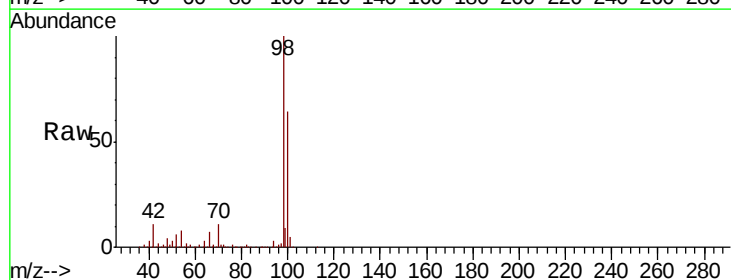
Instrument :
MSVOA_Y
ClientSampled :
SB-3

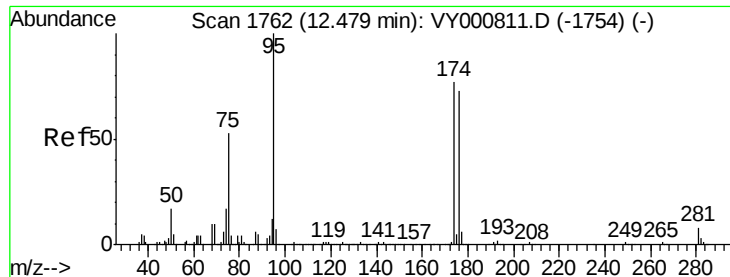
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	17.8	14.2	21.2



#50
Toluene-d8
Concen: 49.939 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000837.D
Acq: 03 Dec 2019 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7

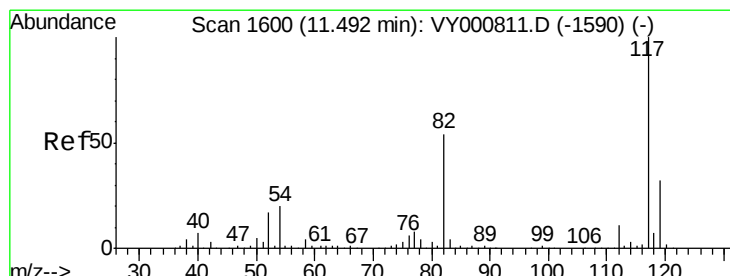
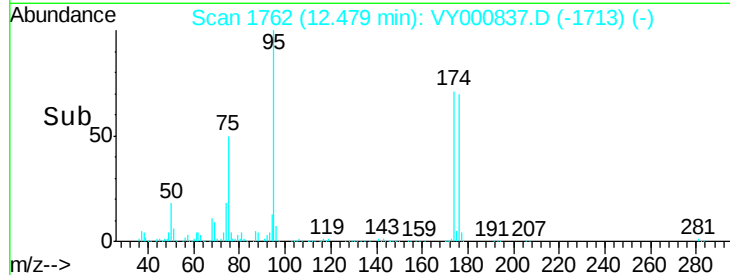
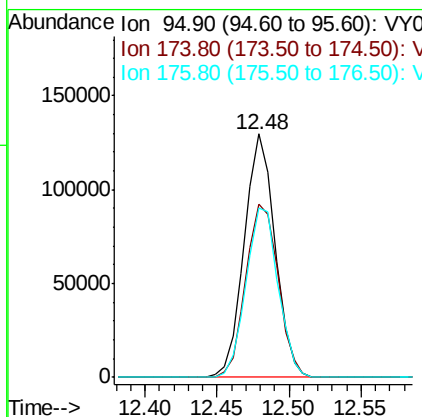
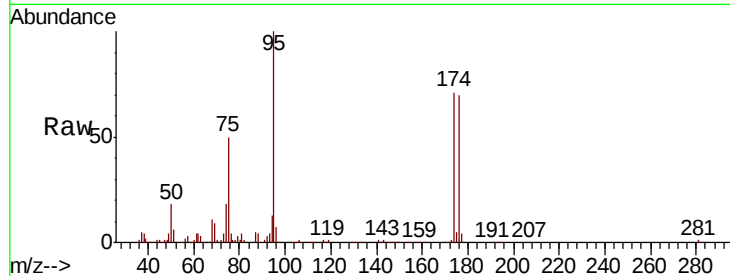




#62
4-Bromofluorobenzene
Concen: 44.319 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000837.D
Acq: 03 Dec 2019 12:43

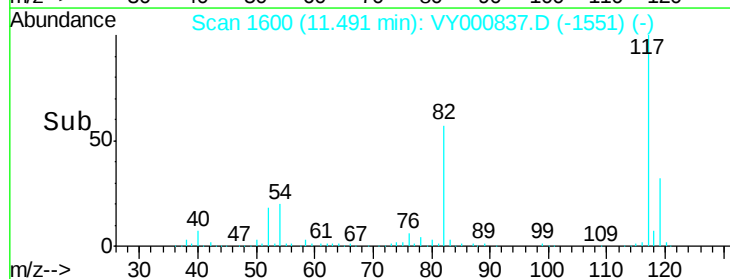
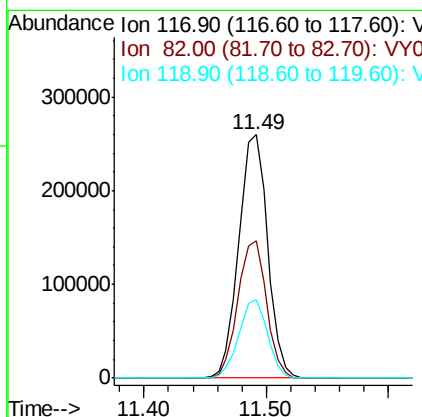
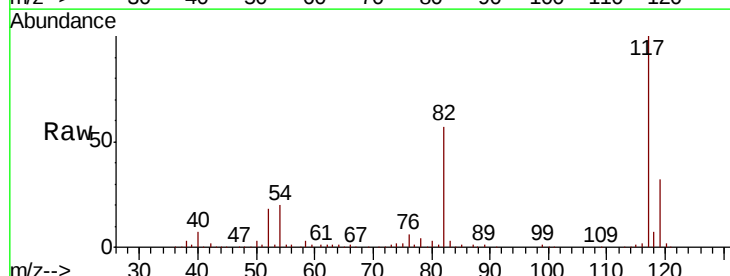
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

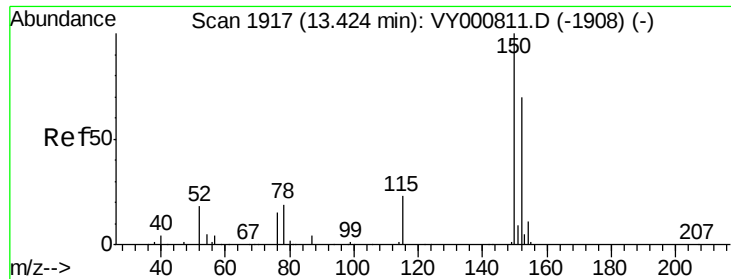
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	150.6
176	72.6	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000837.D
Acq: 03 Dec 2019 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.1	64.7
119	32.2	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000837.D

Acq: 03 Dec 2019 12:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

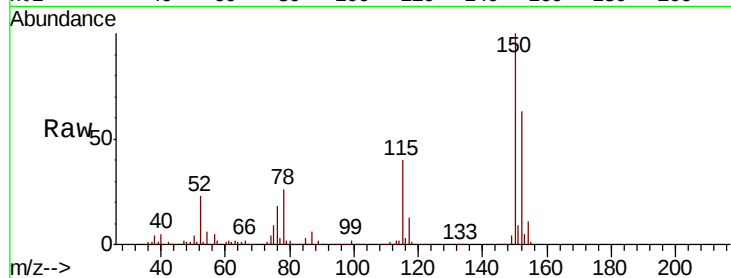
Tot Ion:152 Resp: 188786

Ion Ratio Lower Upper

152 100

115 60.5 29.3 87.8

150 154.5 0.0 351.2



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

