

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002118.D
 Acq On : 27 Mar 2020 19:59
 Operator : SY/MD
 Sample : L2055-03
 Misc : 6.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Quant Time: Mar 30 05:23:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

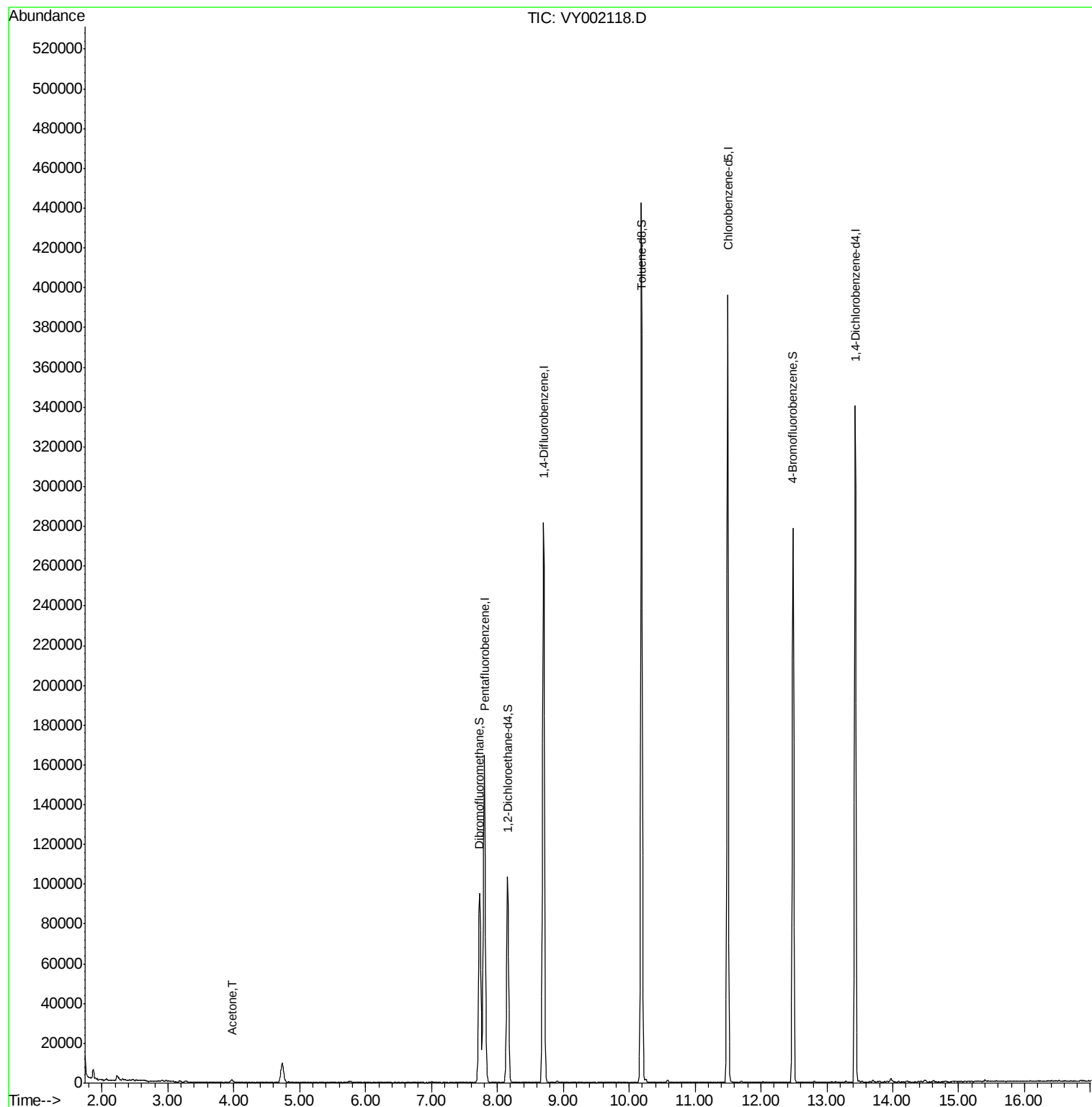
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	119449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	233239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	77945	59.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.06%	
35) Dibromofluoromethane	7.73	113	68628	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.19	98	285759	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	89525	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
16) Acetone	3.97	43	2800	7.547	ug/l #	Qvalue 80

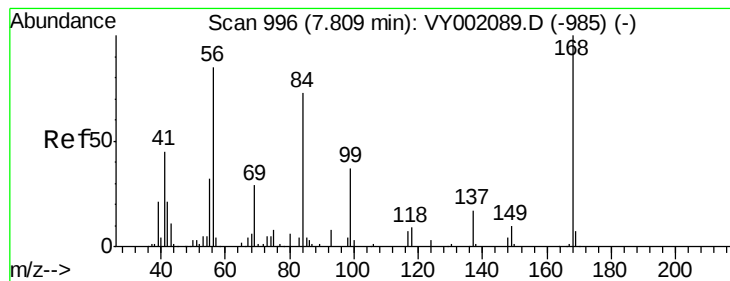
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002118.D

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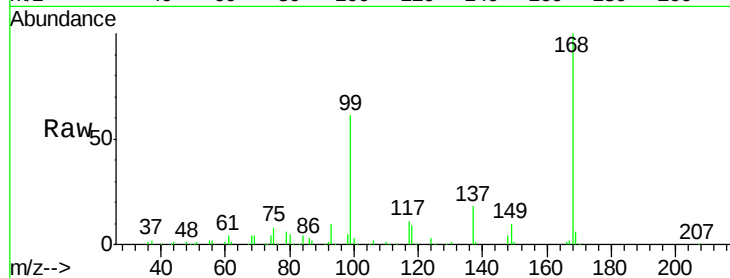
SB-6-(1-3)

Tot Ion:168 Resp: 119449

Ion Ratio Lower Upper

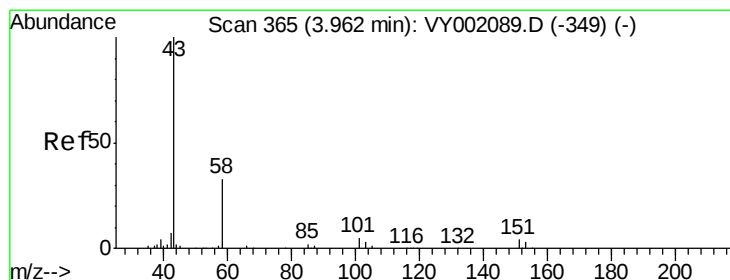
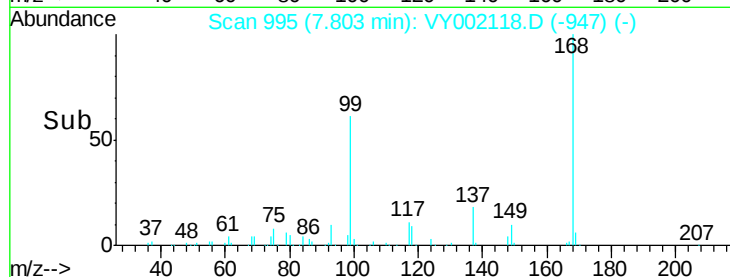
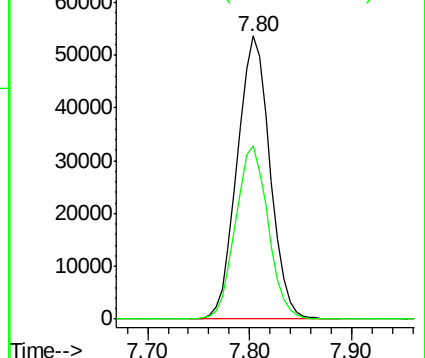
168 100

99 61.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#16

Acetone

Concen: 7.547 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002118.D

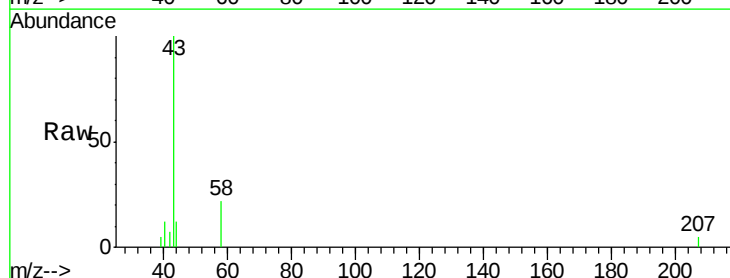
Acq: 27 Mar 2020 19:59

Tgt Ion: 43 Resp: 2800

Ion Ratio Lower Upper

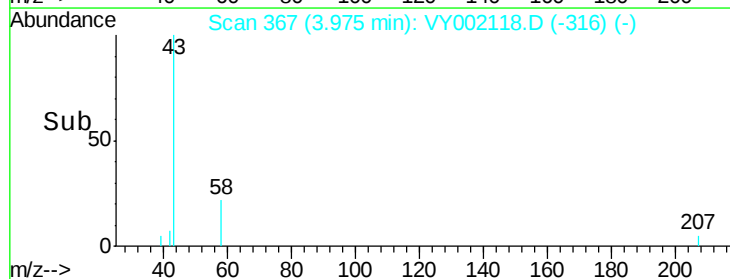
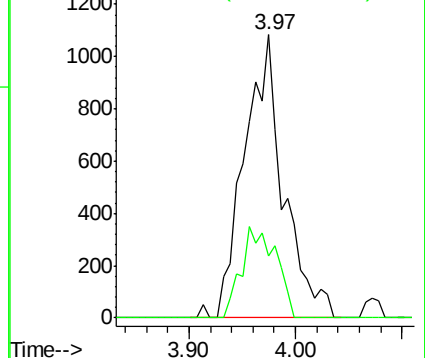
43 100

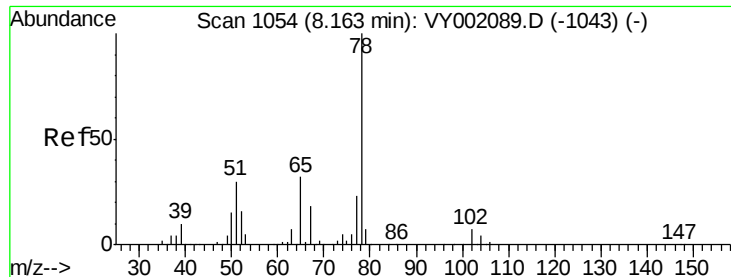
58 21.9 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 59.028 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

Instrument :

MSVOA_Y

ClientSampleId :

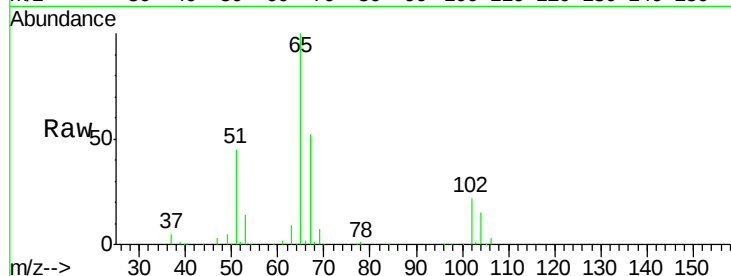
SB-6-(1-3)

Tot Ion: 65 Resp: 77945

Ion Ratio Lower Upper

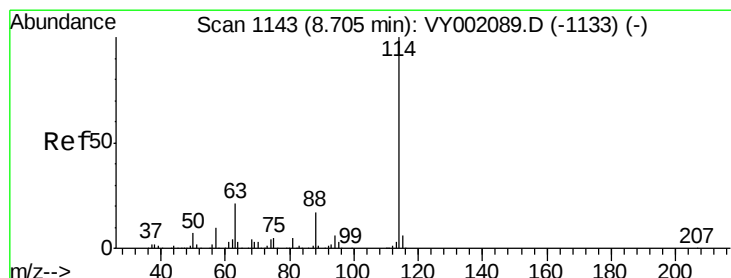
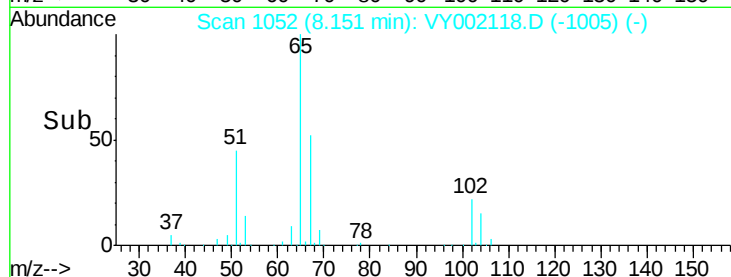
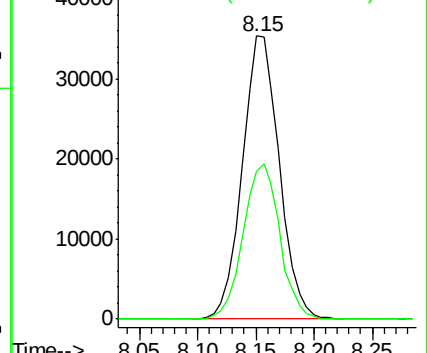
65 100

67 54.4 0.0 112.8



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

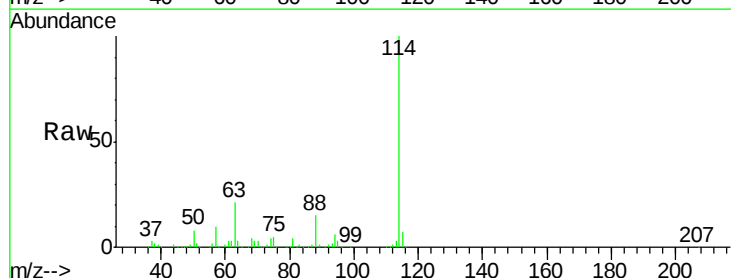
Tgt Ion: 114 Resp: 233239

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

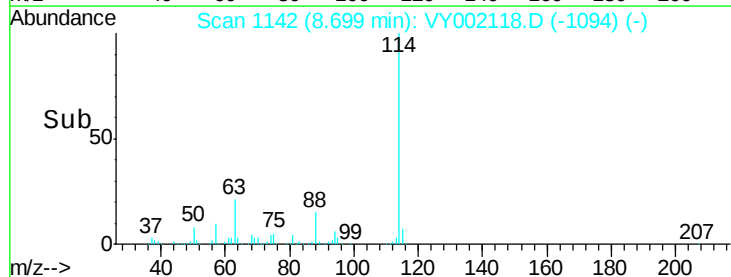
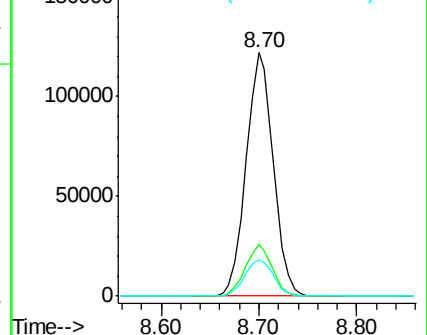
88 15.0 0.0 33.0

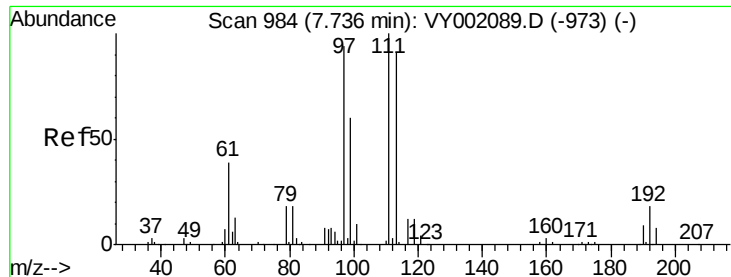


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

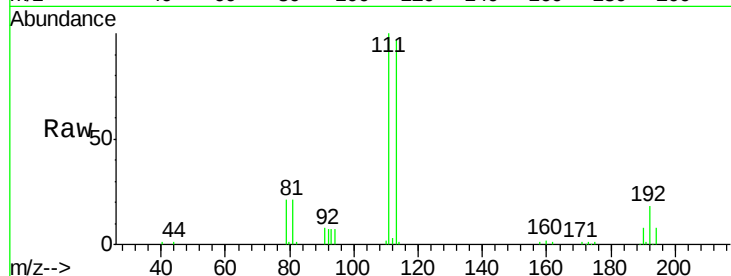




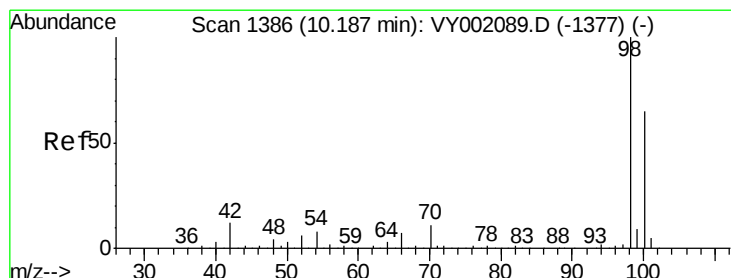
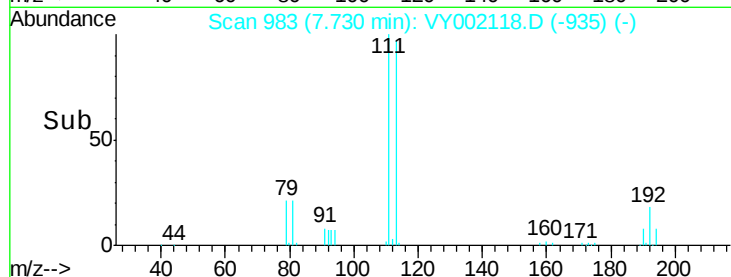
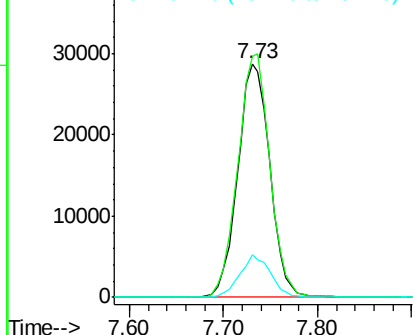
#35
 Dibromofluoromethane
 Concen: 52.513 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(1-3)

Tot Ion:113 Resp: 68628
 Ion Ratio Lower Upper
 113 100
 111 103.9 84.4 126.6
 192 17.3 14.6 21.8

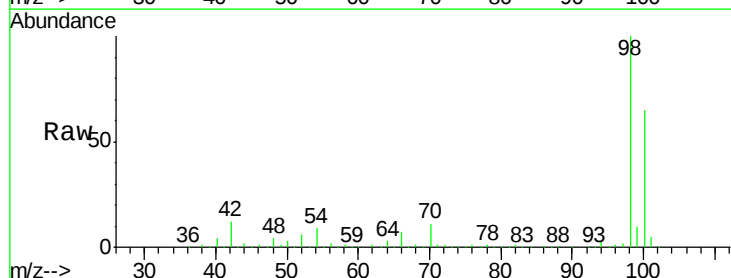


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

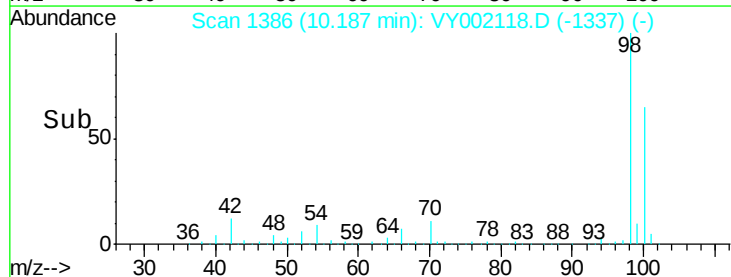
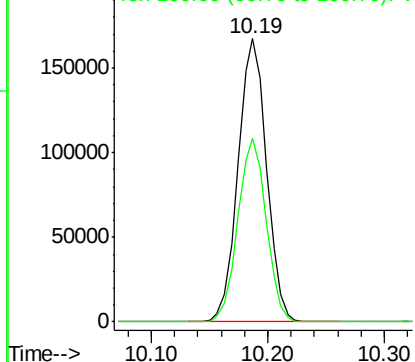


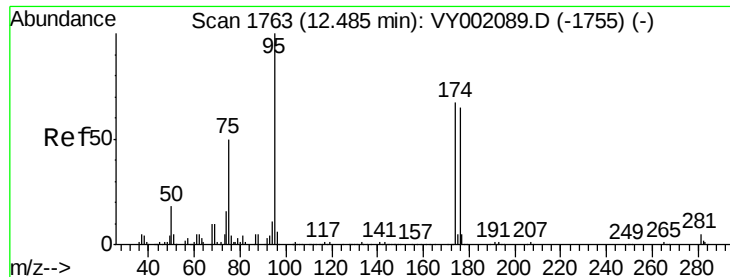
#50
 Toluene-d8
 Concen: 52.635 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY002118.D
 Acq: 27 Mar 2020 19:59

Tgt Ion: 98 Resp: 285759
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.6 77.4



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

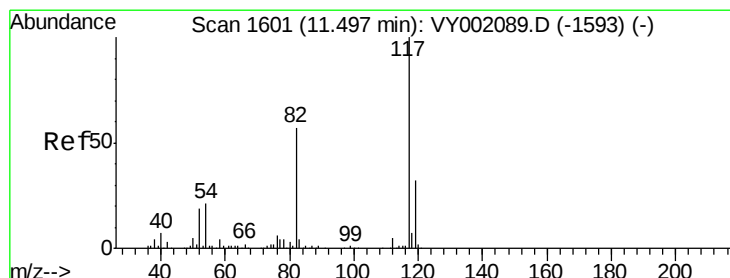
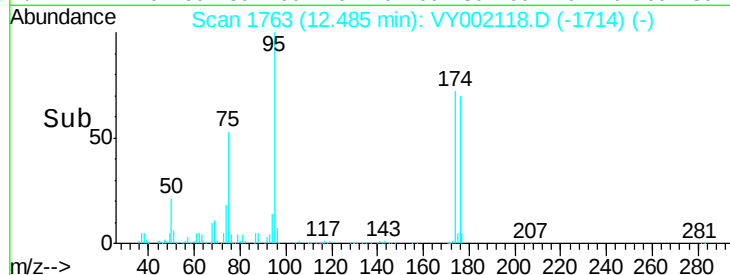
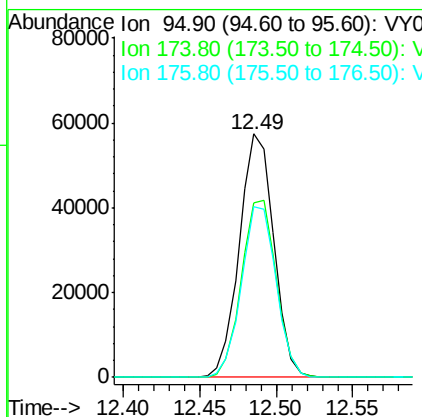
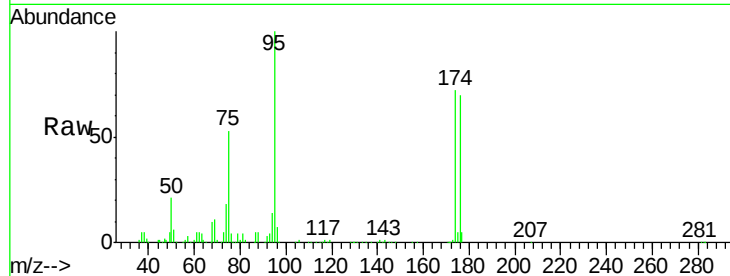




#62
4-Bromofluorobenzene
Concen: 47.150 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

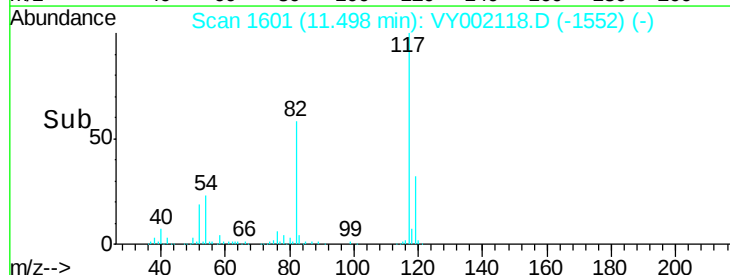
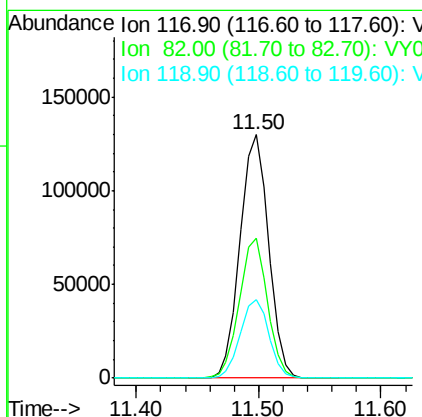
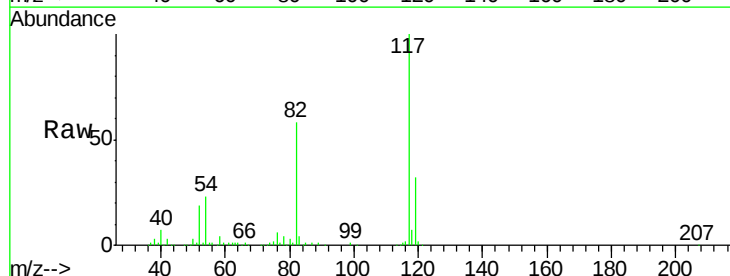
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(1-3)

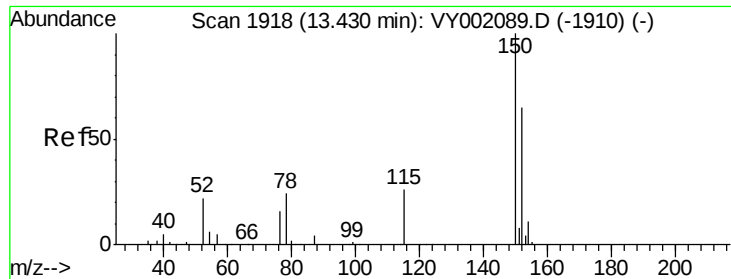
Tot Ion	95	Resp	89525
Ion Ratio	100	Lower	Upper
174	74.0	0.0	143.4
176	71.0	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002118.D
Acq: 27 Mar 2020 19:59

Tgt Ion	117	Resp	210230
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	57.7	45.4	68.2
119	32.0	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002118.D

Acq: 27 Mar 2020 19:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-(1-3)

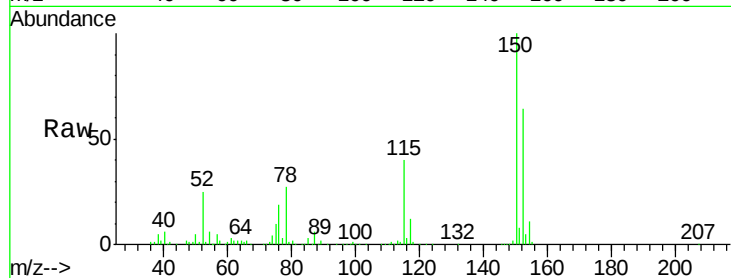
Tot Ion:152 Resp: 78824

Ion Ratio Lower Upper

152 100

115 62.4 31.2 93.6

150 161.4 0.0 354.8



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

